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THE
ENCYCLOPEDIA
OF
PURE MATERIA MEDICA.

A RECORD OF THE
POSITIVE EFFECTS OF DRUGS UPON THE HEALTHY
HUMAN ORGANISM.

EDITED BY

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ENCYCLOPEDIA

OF

PURE MATERIA MEDICA.

CARLSBAD.

THERE are several springs at Carlsbad, of which "Sprudel" and "Muhlbrünnen" are the chief. Sprudel has a temperature varying from 125 to 162.5 F., and contains in one thousand parts (Ragsby, 1862):

Sodium sulphate,	2 3719	Calcium phosphate, . . . . .	.0002
Sodium bicarbonate,	1.9272	Calcium fluoride, . . . . .	.0036
Sodium chloride,	1.0307	Aluminium phosphate, . . . . .	.0004
Calcium carbonate, . . . . .	.4288	Silicic oxide (acid), . . . . .	.0728
Magnesium carbonate, . . . . .	.1889	Carbonic dioxide (acid gas), free, .	.7600
Strontium carbonate, . . . . .	.0010		
Ferrum carbonate, . . . . .	.0038	Traces of iodide and bromide of sodium, of cesium, rubidium, lithium, and of boracic oxide (acid).	
Manganum carbonate, . . . . .	.0008		
Potassium sulphate, . . . . .	.1636		

Authorities. 1 to 6, symptoms obtained from drinking (and bathing in) the waters (chiefly from "Sprudel" and "Muhlbrünnen" springs), collected by Gross, Archiv. f. Hom., 20, 3, 173; 1, "B.," a strong man, of 52 years, drank and bathed in both springs; 2, "C.," a man, 50 years old, suffered at first from "heart troubles," but afterwards died from a "uervo-gastric fever;" 3, "G.," a man, of 70, inclined to diarrhœa, had been operated on for stone, and still suffered from his bladder; 4, "H.," a man of 40, formerly had liver troubles, jaundice, and pulmonary tuberculosis, but of late had been in better health; 5, "M.," a healthy woman of 49; 6, "W.," a man, of 48, suffering from jaundice; 7, Dr. G. Porges, Specifische Wirkung. u. phys. analyses der Carlsbader Heilguellen, 1853.

Mind.—Emotional. *Very excited and peevish, and often as if beside himself about trifles, with flushes of heat all over.*¹.—*Self-satisfied, very talkative, and uncommonly good-humored.*¹.—Weeping, timorous, despairing mood,².—His nerves are so much affected that the sorrows of others cause him to weep easily,².—Mood very much depressed, like an excessive homesickness; at last violent weeping (second day), (after four glasses),⁶.—Great dejection of spirits; without cause he is very unusually sulky,⁷.—Painful dejection, with foul stomach,⁷.—*Gloomy and self-absorbed.*⁷.—Unpleasant mood in the afternoon, without cause for sadness,⁷.—[10.] *Discouraged and anxious in the discharge of his domestic duties.*⁷.—Attacks of anx-

iety,⁷.—Constrictive anxiety when in the room; somewhat better in the open air,⁷.—Fainthearted, with frequent yawning, at 9 A.M. (thirteenth day),⁶.—Quiet ill-humor, and *indisposed to speak*,⁷.—*In the morning, on rising, irritable and out of humor, and peevish the whole day*,⁷.—Very much disposed to take everything in bad part and to be critical (especially after three weeks and later),⁵.—Is easily vexed about things which, when well, would have made him laugh, together with a dull pressure in the right side of the lower abdomen, below the liver, where, when bathing, he frequently noticed a loose swelling (in the cœcum), (after four weeks),⁶.—Variable mood,⁷.—**Intellectual.** Difficult thinking,⁷.—[20.] Unfitness to think, and for every, even the slightest mental occupation; cannot find words to express himself correctly,⁷.—*Much effort in employing his mind*,⁷.—*Indisposition to read, and to all exertion of mind; he took up now this book, now that, but could read nothing*,⁷.—*Foolish condition*, as if stupid, with dull pressing pain in forehead, at times also with buzzing and roaring in the ears,⁷.—*Uncommon absence of mind* and confusion of speech,⁷.—*Uncommonly absent-minded*; forgets names,⁷.—*Heedlessness*, so that at times he expresses himself only with great exertion, and in writing, often omits letters,⁷.

Head.—Confusion and Vertigo. *Confusion and gloominess of the whole head*; such a sensation as remains after intoxication,⁷.—*Confusion and heaviness of the head, especially after eating; better on motion in the open air*,⁷.—Confusion, with difficulty in thinking and indolence of mind, which becomes tired very soon and easily,⁷.—[30.] *Dizzy confusion of the head during the night, changing to a sensation of fulness in the forehead, in the morning, which disappears after rising*,⁷.—*Dizzy confusion in the head, now pressure in the forehead, now a drawing tension in the occiput*,⁷.—Excessive stupefaction of the head, with gloominess, disappearing in the open air, and returning frequently during the day,⁷.—Frequent attacks of vertigo (eighteenth day),⁶.—Momentary attacks of vertigo, so that he had to hold himself up, *also turning as if in a circle; better in the open air*,⁷.—*Dizziness*,⁷.—**Sensations.** Remarkable rush of blood to the head, with heaviness, benumbed confusion of the head, great melancholy, and weakness of mind,⁷.—*Cracking in the head, as if something were breaking in it, especially perceptible in the evening, on lying down*,⁷.—*Head very heavy, full, and stupefied; worse on stooping, shaking round, and turning, with quivering in the lids*,⁷.—*Heat of the head, worse on entering a room*,⁷.—[40.] Drawing in streaks over the surface of the brain, as if in the membranes and sinuses,⁷.—*Pressing headache, especially in the forehead, with dull confusion*,⁷.—Dull pressing headache, in the morning, after waking, and almost the whole forenoon (thirtieth day),⁶.—Extremely annoying pressing headache, more on the vertex, with from time to time single stitches and jerks in the centre, through the substance of the brain,⁷.—Maddening, stupefying, pressing headache, especially in the forehead,⁷.—*Tearing headache, now on the right side, now on the left, in the temples and the occiput, less on motion*,⁷.—*Throbbing and beating in the head synchronously with the pulse, on the vertex, frequently also in the occiput, with bluish-red face; it is especially violent on stooping or ascending an eminence*,⁷.—Transient drawing-creeping in the whole cranial periosteum,⁷.—*Sensitiveness of the periosteum of the cranium*,⁷.—**Forehead.** *Confusion, like intoxication, in the forehead, with sensation of heaviness in the eyeballs*,⁷.—[50.] Slumbering by day caused headache in the forehead and temples; a pressure (eleventh day),⁶.—*Headache in the forehead and temples, with swollen temporal veins*,⁷.—Some headache in the left side of the forehead,⁷.—Dull pressure in the

forehead, after a meal (fourteenth day),⁶.—Burrowing pressure in the forehead (seventh day),⁶.—Frequent beatings in the forehead and temples (eighteenth day),⁶.—**Temples.** Sensitive stitches in the right temple,².—Sensitive beating in the right temple, in the forenoon (twentieth day),⁶.—**Vertex.** Dull pressure in the upper part of the head (after the first bath),⁶.—Crawling and compression in the galea aponeurotica, now on the vertex, now in the occiput,⁷.—**Parietals.** [60.] Tensive compressing pain from the parietal bones to the frontal eminences forward, at short intervals,⁷.—Burrowing headache in the right side (fifth day), (two hours after seven glasses),⁶.—Sore pressing pain above in the right side of the head, close under the bones, on a small spot, in the evening, in bed,⁷.—**Occiput.** Fulness and heaviness in the occiput, slighter in the open air, but appearing with the former violence on re-entering the room,⁷.—Pressing and tension on the occiput, most violent on the lower lateral eminences,⁷.—**External Head.** At times, excessive falling out of the hair,⁷.—*Smoothing down the hair is very painful,*⁷.—Sensation as if something cold ran over the whole head, and the hair bristled up,⁷.

Eye.—Weakness of the eyes, especially on writing and long-continued reading,⁷.—*Heat streams from the eyes, with burning and pressing in them, and an appearance of black spots swimming about,*⁷.—[70.] *Burning and pressing,* especially around the eye, but also in the ball itself, as from sand, or as when one looks into the sun, with increased secretion from the Meibomian glands,⁷.—*Pressing pain in the eyes, as if the eyes were being pressed downward from above, and were too large, and did not have sufficient room in their orbits,*⁷.—*Pressure and pain in the eyes; they become cloudy, as if a veil were before them,*⁷.—**Orbit.** Violent pressing pain above the orbits, spreading below or toward the temples,⁷.—*Slight tickling in the right supraorbital nerve and in the whole right upper lid; at the same time twitching in the inner angle of the eye,*⁷.—Very sensitive, dull stitches in the upper margin of the left orbit (nineteenth day),⁶.—**Lids.** *Lids at times somewhat œdematous, swollen, and in the morning agglutinated with mucus,*⁷.—The inner surface of the lids is inflamed (tenth day),⁶.—*Twitching-quivering in the upper lids, causing constant rubbing of the eye, as if some foreign body were there,*⁷.—**Lachrymal Apparatus.** Greatly increased lachrymal secretion,⁷.—[80.] *On sewing, her eyes water, and on long looking at one object, the eye is covered as by a veil,*⁷.—**Vision.** A weakness of the eye (weakness of vision; can no more see near objects; cannot do fine work) becomes aggravated; she is obliged to wipe her eyes and wink constantly, which momentarily relieves the dimness and tension; it is better in the open air (fourth day after six glasses),⁵.—*Objects swim before the sight,*⁷.—The long letters of a sign cannot be recognized at the distance of fifty feet; they run together (fourteenth day),⁶.—*Quivering before the eyes,*⁷.—Flickering before the vision; he seems to see through a veil,².—*In the street, soon after writing, violent flickering and fiery sparks before the eyes; everything about him trembles and wavers; he can scarcely discern passing faces,*⁷.—Quivering, zigzag semicircle on the right side of the field of vision, in the morning (seventh day after three glasses),⁵.—When working with the hands, bifurcated bodies and gray spots appear in the axis of vision,⁷.—Obliquely above the right eye, from the right angle to the left, a dark stripe, which impairs the vision; it is momentary, especially after winking, when walking in the open air, for several days (third week),⁶.—[90.] A cloud which had formerly existed before the vision, and which moved upward and downward with the vision, became worse and thicker (first week),⁵.

Ear.—Increased warmth in the ear, which itches,¹.—Pinching in the left inner ear,¹.—Fine twitching stitches from the Eustachian tube to the tympanum; disappearing on boring with the finger,¹.—**Hearing.** Frequent murmuring in the ears, agreeing with the rate of the pulse; at times a sensation of slight pressure and tension, as if the ears were stopped,¹.—*Humming and roaring, also ringing, in the ears,* at times also fluttering before them,¹.—Momentary ringing in the right ear, when writing in the afternoon (fifteenth day),⁶.—Very frequently violent ringing, at times changing into a transient loss of hearing, at times into a dull roaring,⁷.

Nose.—**Objective.** *Bluish color of the nose,*¹.—Turgescence of the vena nasalis,¹.—[100.] *Frequent sneezing,*¹.—Copious mucous secretion from the nose,¹.—Frequent blowing out of thick mucus,¹.—Catarrh, rough throat, and hoarseness disappeared soon from using the water,³.—Her former stopped catarrh disappeared in a few days,⁵.—The habitual stopped catarrh was worse during the first part of the proving, then it disappeared; after fourteen days fluent catarrh appeared, which also afterwards disappeared; he drew the usual amount of air through the nose, but constantly felt the necessity of snuffing (after the proving the old catarrh returned worse than ever),⁶.—Chronic catarrh, with elongated uvula; dryness of the throat disappeared,³.—*Habitual bleeding of the nose,*¹.—**Subjective.** Dryness in the nose, with crawling sensation,¹.—Tension across the nasal bone, as if he had drunk wine (soon after the first bath of a quarter of an hour at 28° R.),⁶.—[110.] *Some stitching sensation in the right nostril, with sneezing several times, and blowing out blood; on suppression of the menses,*¹.—Sensitiveness of the nose, as in incipient catarrh,¹.—**Smell.** Loss of smell, after stoppage of the nose,⁷.

Face.—**Objective.** Yellow color of the face,¹.—White faces, after three or four glasses, become sallow,³.—In the fourth week, he became gradually yellow (had formerly been white); the urine, however, retained its normal color, only it had a very strong and pungent odor; the stool remained dark green,⁶.—Redness and heat in the face, especially in the evening and after eating, when the organism is always stronger,¹.—Frequent changing of the color of the face,¹.—*Face as if somewhat swollen,*¹.—Red swelling and pain, especially when touched, on the right side near the nose, from a prominent tooth, at times intolerable (sixteenth day),⁶.—**Subjective.** [120.] Sensation as if cobwebs were drawn over the face,¹.—Sensation on spots here and there in the face, as from a hair which can be wiped away,¹.—Transient heat in the face,¹.—Sensation as if one side of the face were swelling,¹.—**Cheeks.** Prickling formication on the cheeks, in the region of the *pes anserina*,¹.—*On the right cheek, in the region of the pes anserina, quivering and prickling, without increased redness or warmth,*¹.—Tearing-drawing on the right cheek,¹.—Sensation as if the zygomatic processes were distended,¹.—Cutting-drawing on the zygomatic process below the right eye,¹.—On the zygomatic processes, now dull pressing, now itching-tearing toward the head,¹.—[130.] *On the right zygomatic process a sensation of cobwebs, as if he must constantly rub something away,*¹.—**Lower Jaw.** Involuntary pressure of the lower jaw against the upper, during sleep; even grinding of the teeth,¹.

Mouth.—**Teeth and Gums.** Thick, pappy, mucous coating on the teeth,¹.—The teeth become very bad, loosen, and fall out,⁶.—The teeth are painfully prominent, the gum is painfully swollen (in several persons sooner or later),³.—A painful tooth bleeds of itself very much, especially when sucking it (seventeenth day),⁶.—Dulness of the teeth, as from an acid,¹.—

Burrowing in an upper hollow tooth; can endure neither cold nor warmth (fifth day),⁶.—Pain in a sound incisor, tense, and as if the teeth were being driven apart, on each touch of the tooth,⁷.—Slight pain in a hollow molar, passing through almost the whole side of the face, especially the zygomatic processes,⁷.—[140.] *Tearing pain in the roots of the upper molars*,⁷.—Toothache increased after every meal, so much so that he avoids touching the elongated tooth; relieved by olfaction of Chamomilla,⁶.—Gum at times swollen, painful to touch, at times bleeding on slight pressure,⁷.—*Tongue. Tongue coated white, with offensive smell from the mouth*,⁷.—Thick yellowish-white coating on back of tongue, at times more on one half of the tongue than on the other,⁷.—**General Mouth.** Dryness in the mouth and throat, now with thirst, now without it,⁷.—*Dryness of the whole mouth, with increased thirst, especially of the whole roof of the mouth, as if dried up*,⁷.—Warmth and sensation of dryness in the soft palate and pharynx; sensation as of swelling of these parts,⁷.—**Saliva.** *Flow of saliva*, and frequent spitting; at times sensation of soreness on the uvula and larynx, and in the throat,⁷.—Frequently in the morning, an increase of mucus in the mouth,⁷.—[150.] In the morning after waking, the entire mouth is often lined with mucus, which frequently sticks like paste to the teeth, and causes a furry sensation in the mouth,⁷.—**Taste.** Inispid, mucous taste,⁷.—*Clayey, pappy taste, with copious salivary secretion*,⁷.—Metallic taste in the mouth constantly during the first part of the proving; food tasted natural,⁶.—Salty taste in the mouth, causing the hawking up of tough mucus,⁷.—*Everything tastes as if salted*,⁷.—Nauseous, bitter taste, with yellow tongue,⁷.—*Taste at first mucous, afterwards salty, sometimes bitter*,⁷.—Frequent unpleasant taste of blood in the mouth, especially on drinking the water,⁶.—Taste of pus in the mouth comes from an upper front tooth that has been painful; sometimes when drinking the water, or when eating, also if he presses externally downward from the right wing of the nose, which causes a dull pain in the place (third and fourth weeks),⁶.

Throat.—[160.] *Constantly much hawking up of mucus*,⁷.—Transient stitches in the throat and along the Eustachian tube,⁷.—Frequently a rough scraping, at times becoming a tickling sensation, in the throat,⁷.—Pain in the throat on swallowing, after he had omitted his neckcloth for some time,².

Stomach.—Appetite. *Appetite and thirst much increased*,⁷.—Uncommonly increased appetite at quite unusual times; at times with hicough,⁷.—Desire for rye bread,⁷.—Appetite much lessened; afterwards very capricious,⁷.—Anorexia and acidity in the mouth (third week),¹.—Anorexia and pressure in the stomach, transient,¹.—[170.] Aversion to meat, with longing for rye bread,⁷.—**Thirst.**—*Frequently increased thirst*,⁷.—Thirst in the afternoon and evening (second week),⁶.—Water, though his usual drink, is unpleasant to him during the first part of the time,⁶.—**Eructations and Hiccough.** Eructation of air, after rumbling in the region of the stomach,⁷.—Eructation of air and hiccough, with rumbling noise in the intestines,⁷.—After he had eaten rather more than usual at noon, eructations towards evening, and a sensation as if heartburn would ensue (nineteenth day),⁶.—After a bunch of grapes, and potatoes with butter, in the evening, eructations as of bad eggs (twelfth day),⁶.—Frequent eructations during the day, sometimes tasting and smelling of the food, sometimes very bitter,⁷.—*Incomplete eructation, with oppressed feeling in the chest, sometimes painful*,⁷.—[180.] Frequent hiccough, with yawning at the same time, especially after drinking and breakfast, also after eating, frequently loud

hiccupping, in shuddering attacks, followed by mostly empty and tasteless eructation,⁷.—**Heartburn.** After an unusually full meal, attacks of heartburn in the latter part of the afternoon (twenty-second day),⁶.—After a full meal decided heartburn in the latter part of the afternoon and in the evening; even at night on waking he felt it, and in the morning, while smoking a cigar, he felt traces of it (thirty-sixth day),⁶.—*Frequent heartburn*, with accumulation of much water in the mouth; also violent, with eructation of an almost corroding liquid and long-lasting sour taste in the mouth; often after the slightest disturbance of the diet, at times becoming less after the drinking of cold water,⁷.—*Rising* of a watery liquid the whole forenoon; at times salt-tasting waterbrash,⁷.—After two crabs, acidity in the stomach and mouth; after much exertion on a hunt, pressure in the stomach (fourth week),¹.—**Nausea and Vomiting.** *Attacks of nausea*, with accumulation of saliva in the mouth, and frequent spitting; gloominess of the head, shuddering along the back, at times even to fainting, with loss of consciousness,⁷.—*Vomiting* of a tasteless mucus, or of a bitter and sour liquid, without special exertion,⁷.—**Stomach.** *Sensation as of emptiness* in the stomach, and afterwards canine hunger,⁷.—In the afternoon, while riding, a sensation as if heartburn would ensue, together with golden yellow urine and rattling and whistling in the chest (after six days),⁶.—[190.] At times *fulness* and tension in the stomach, extending to the chest and toward the back, even after eating very little,⁷.—*The region about the stomach and below the ribs tense and distended*,⁷.—Constrictive pain in the stomach when fasting, with sensation of emptiness beneath the short ribs (tenth day),⁶.—Gnawing pain in the pit of the stomach, frequently decreasing after eating something,⁷.—After supper pressing in the stomach, also *burning*, at intervals drawing diagonally across, which at times extends up to the pharynx, with much flow of saliva in the mouth,⁷.—*Pressing and contraction* in the stomach, at its entrance, and in the pharynx, usually commencing shortly after dinner, and often accompanied by empty eructations,⁷.—*Pressing pain and heaviness in the stomach*, as from a load after eating,⁷.—Much dull pressure, as with the thumb, in the pit of the stomach (eighteenth day),⁶.—After a late supper (of warm chops) transient dull pressure in the stomach (twenty-second day),⁶.—A dull pressure in the pit of the stomach, and at the same time opposite in the back, as with pincers, by paroxysms (fourteenth day),⁶.—[200.] Some dull stitches in the pit of the stomach, on descending (thirteenth day),⁶.—Smarting in the stomach (sixth day),⁵.—Scraping, rancid sensation from the stomach, like heartburn,⁷.—A scraping and sore sensation in the stomach returns after drinking the first glasses of water,⁶.

Abdomen.—**Hypochondria.** Sense of heaviness in the right hypochondrium, making it difficult to turn the body quickly,⁷.—Pinching pain rising up from the hypochondrium to the chest, intermitting when drinking the water (fourteenth day),⁶.—*Pressing-pinching, now only for a few moments, now longer lasting; now in both hypochondria, and now shooting from thence into the region of the navel*,⁷.—Pressing and tearing-pinching pains from both hypochondria toward the region of the privates,⁷.—*Twitching stitches, in jerks*, as after running fast, extending from the region of the left lower thorax through the whole left hypochondrium down to the hip,⁷.—In the region of the liver, also in the pit of the stomach, and from thence down both sides, at times very perceptible *stitching*, often changing to a stitching-pinching and tearing-stitching in the lower abdomen, becoming worse on rapid walking and deep respiration, and even on turning

over to the left side,⁷.—[210.] Burning pain in the spleen, causing a stooped position,⁷.—Alternate pressing and tension in the region of the right lower ribs, which often quite oppresses inspiration, with constant distension of the stomach,⁷.—Prickling stinging below the short ribs of the left side (nineteenth day),⁶.—Great sensitiveness to pressure, below the left last ribs, alongside of the vertebral column,⁷.—*Umbilical*. A painless soft swelling extending across from the navel to the right side of the lower margin of the liver, but not connected with it (fourth day, during a bath), it disappears the fifth and subsequent days, but returns after fifteen baths,⁶.—Dull abdominal pain on the right of the navel, only felt on slow walking, disappearing on standing still and active motion, also on ascending an eminence, but on level walking often again becoming more sensitive,⁷.—*Momentary contraction above the navel, disappearing on stooping and sitting*,⁷.—*Sensation of constriction of the intestines*, on both sides of the region of the navel,⁷.—Stitching pains; intermitting pressing dull stitches about the region of the navel,⁷.—*General Abdomen*. Before the appearance of the menses, very frequently distension of the abdomen, remarkable heaviness of the legs, nocturnal chilliness, and heat; depressed, disheartened mood; at times, also, sleepiness, headache, violent pains in the small of the back,⁷.—[220.] Swelling of the region of the upper abdomen on the right side, which is very sensitive to external pressure,⁷.—*Gurgling* in the abdomen as of water contained therein, and a *murmuring in the whole lower abdomen*,⁷.—Rumbling in the abdomen and pulsations deep in, especially on lying, but not perceptible to the hand,⁷.—Flatus is passed before the sluggish stool (third and fourth days),⁶.—Heaviness in the abdomen, with general warmth and urging to urinate, after drinking the water; followed by fine stitches, and then chilliness and yawning (after four days),⁵.—In the abdomen a frequent sensation like the first movements of a child (third week),⁵.—General painfulness of the intestines, increased by a hard touch,⁷.—*Abdomen tense and distended*,⁷.—*Fulness and heaviness* in the abdomen, and consequent inclination to respire deeply,⁷.—Sensation at times as if the abdomen were swollen; at times it is painful to touch; so that tight clothing is not endured,⁷.—[230.] In the whole abdomen and in the pit of the stomach tensive oppressive pain, causing anxiety, tension, and distension of the abdomen; it is mostly combined with a sensation of fulness, or with abdominal pain, and generally increases after dinner,⁷.—*Sensation as of a ring stretched around the abdomen, especially on deep respiration*,⁷.—Frequent griping in the abdomen awakes him at night and hurries him to stool, occasionally several times in one night,⁷.—Griping and cutting at intervals in the abdomen, as after taking cold, which, however, he had not, and a feeling as if he would have diarrhoea, which he does not have (immediately after one glass),⁶.—Griping and passage of flatus followed by two thin copious stools, with great weariness, especially in the limbs (ninth day),³.—Griping in the abdomen ending in a stool, followed by rumbling and sensation of distension,⁷.—Pinching in the abdomen at intervals during the whole forenoon, at times becoming very annoying, causing pressing on the abdomen and bending the body forward,⁷.—After the stool there often remains a pinching abdominal pain, as well as pain as if bruised in the intestines,⁷.—Pinching, grumbling, and scraping in the whole abdomen, often disappearing soon after a cup of coffee,⁷.—*Cutting pains*, at times only pinching, as in commencing diarrhoea, frequently, however, with painful pressure in the coccyx,⁷.—[240.] *Transient stitches from the region of the small of the back through the pelvis towards the pubes and the inguinal region*,⁷.—*Colic-like abdominal pains and discharge of*

flatulence, with some distension of the abdomen,⁷.—Colic after a clyster of the water; after this passed away cutting continued, and was followed by a natural stool, as if consisting of nodules, after which the cutting continued (eighteenth day),⁶.—Severe wind-colic, immediately after drinking the water, first in the lower abdomen, soon extending over the whole abdomen and affecting the chest; some flatus is passed with relief, this is afterwards followed by painless urging to stool, with colic and passage of flatus and a copious, thin, dark-green evacuation (twenty-seventh day),⁶.—*Scraping and pressing in the whole abdomen, and at times jerks below the ribs on the right and left sides*,⁷.—Creepings extending to the abdomen from the limbs, with confusion of the head, general great weakness; was obliged to sit down; followed by a sensation across the knees as if wearied out (eleventh day),⁶.—***Hypogastrium and Iliac Region.*** Rumbling like violent electric shocks, through the whole hypogastrium to the anus,⁷.—Swelling of the right side of the lower abdomen, in the bath, which was always noticed, if he rubbed the place with the flat hand, consisting only of air in the intestines; if they were pressed upon it disappeared with gurgling and rumbling,⁶.—Heaviness, as of a lump in the lower abdomen, which disappears after a frequent, small, painless diarrhoea (sixth and seventh days),⁶.—Sense of pleasant warmth, spreading from the stomach over the whole lower abdomen; also often by paroxysms during the day; momentarily changing to a sensation of heat, and at times even to a slight burning, with retention of the natural warmth of the surface, and without change in the pulse,⁷.—[250.] Extremely annoying fulness in the region of the pelvis and the genitals,⁷.—On the right side of the lower abdomen, beneath the liver, he feels a loose swelling as large as a hen's egg, afterwards again felt across the lower margin of the liver, painless (after the fifteenth bath),⁶.—Dull boring in the left groin, commencing in the splenic region, and not seldom ending in a slight rising of water,⁷.—In the lower abdomen, toward the genitals, drawing, pressing, or tensive pain, with impending menstruation; frequently an agonising stretching and yawning and sensation of heaviness, as from a stone,⁷.—Sensitive *drawing* and *twitching* from the coccyx along the intestine to the bladder and prepuce,⁷.—At times pressure deep in the lower abdomen, with sensation of heaviness and fullness in the region of the pudenda, as if the menses would appear,⁷.—Dull pressure in the lower abdomen on the right hip-bone (fourteenth day),⁶.—Dull intermitting pressure in a small spot in the lower abdomen, afterwards in the chest, also in the lower leg (fifteenth day),².—A sensitiveness, at times jerking or digging dull pain in the region of the right inguinal ring, immediately after the first glass, and then the whole forenoon (thirty-fourth day),⁶.—Soreness in the right inguinal region where, when a child, he had a hernia (fourteenth day),⁶.

Rectum and Anus.—[260.] Flowing hæmorrhoids in several persons,³.—Varices in the rectum, painful and burning; or with stitches in the same, at times they are moist,⁷.—Frequently, increased secretion of a white, sometimes thick mucus from the rectum and anus, burning the adjacent parts, together with spasmodic contraction of the sphincter; it is often mixed with thin streaks of blood,⁷.—Burning in the rectum with constant pressing; the rectum is often pressed out,⁷.—*Shooting pain* in the rectum and anus, which several times extends to the penis, also with feeling of diarrhoea-irritation, without stool,⁷.—*Lumps as large as a hazelnut at the anus, with burning after the stool and impeded walking*,⁷.—*Discharge of bloody mucus, with itching and burning in the anus, extending up toward the*

rectum,⁷.—Blood from the anus, at times blackish and coagulated, at times quite red, and then in a jerking stream,⁷.—Discharge of blood, in drops, or in a stream, even *without stool*, when walking,⁷.—While sitting at stool, sensation in the left side of the anus as from a hemorrhoid, with aching, so that he stood up in order to be relieved, which however continued when standing, was the same when walking or lying; in the morning it disappeared, returned on walking and pained, especially after the stool,⁵.—[270.] At times, pressure at the anus, as if much feces would be discharged, after which only a little mucus at a time passes,⁷.—In jerks, cutting, tearing, and burning sensation of soreness in the anus,⁷.—*Stitching, tensive pain* in the anus, extending to the region of the back and loins, combined with the sensation of a wedge in the rectum,⁷.—Frequent itching in the anus, which is rubbed sore, with annoying smarting and burning pain,⁷.—Frequent itching at the anus, which is rubbed till sore, with tearing and burning pains,⁷.—*Pressive pain in the perineum; the urine passing in a weak stream, with slight burning in the urethra*,⁷.—Frequent urging to stool, either ineffectual or with scanty greenish mucous discharge, with twinging and pain in the anus (in several persons),³.

Stool.—**Diarrhœa.** Diarrhœa preceded by severe pressure in the abdomen, the first day after a few glasses of the water,⁵.—A copious brown diarrhœa with slight griping; constipation the next day (eleventh day),⁶.—Profuse diarrhœa several times a day (from the “New Spring”), which disappears after two glasses of “Sprudel,”².†—[280.] Painless diarrhœa the first day; on the fourth day the stool was already solid (before beginning the water he had pasty stools; on well days, however, firm, sluggish evacuations),⁶.—*Mucous diarrhœas*; at times discharge of large lumps and streaks of mucus, with or without feces; with much relief,⁷.—*Chronic diarrhœa*,⁷.—Small diarrhœa-like stool (twenty-ninth day),⁶.—Labor-like pains in the lower abdomen are followed, either easily or with effort, by a diarrhœal stool,⁷.—After two warm clysters of “Sprudel,” a profuse sudden evacuation, like diarrhœa, though consisting of green lumps as large as walnuts (thirty-fourth day),⁶.—Two painless dark-green, bilious stools (tenth day),⁶.—Two solid stools in the forenoon, without exertion, of a dark-spinach color; a third after dinner, dark-brown (fifth day),⁶.—Stools watery, mostly of mucus, or pappy, at times glairy, bilious, mucous masses, with a pungent smell of rotten eggs,⁷.—A thin stool was passed unnoticed, with some flatulence (in a young girl, who, in consequence of a fall on the right side, had complained of a pain in the liver for several years), (first eight days),³.—[290.] *Pappy soft stools*, also frequently diarrhœal,⁷.—After half an ounce of “Sprudel” salts, a profuse discharge, first of small hard lumps, then of thin feces, all of which was colored green (thirty-third day),⁶.—No stool the whole day in spite of two warm clysters and three glasses of water; only the next morning after half an ounce of Carlsbad salts, a sluggish green stool (thirtieth day),⁶.—Stool occurred first after dinner, solid, of a dark color (sixteenth day),⁶.—After breakfast a greenish soft solid stool of very dark-green color (twenty-fifth day),⁶.—After a clyster of cold “Sprudel,” the water first passed, then a large quantity of flatulence, and lastly a small stool, consisting of small, very hard lumps, like nuts, of a dark-green color (twenty-first day),⁶.—Passage of scanty stool with straining, with sensation

† 3 was inclined to prostrating diarrhœas, and frequently troubled with looseness of the bowels; had been operated on for stone and subject to spasm of the bladder; was seventy years old.

as if small pieces were passing, though it consisted of slimy masses, thinnish and dark-green (fifteenth day),⁶.—Stools which had previously been clay-like and gray become gradually yellower (fourth day),⁶.—A stool looking like frog-spawn,⁶.—Gallstones are passed, soft like wax and of considerable size, without pain (in a healthy person, thirty years old, who had suffered long from them),³.—[300.] *Sensation during a thin stool, as if it passed in pieces*,³.—**Constipation.** Constipation for several days, in spite of much working in the abdomen, and violent pressure, with constant urging; finally, several hard lumps pass,⁷.—*The usual evening stool being absent from the first days, the morning evacuation also becomes very difficult*,⁷.

Urinary Organs.—Bladder and Kidneys. Extraordinary pressure in the region of the neck of the bladder, with excessive pressure to urinate, as after drinking new beer,⁷.—Tension and drawing in the region of the kidneys, with sensation as if something would press down from the region of the last ribs toward the privates, in the course of the ureter toward the bladder,⁷.—Sensation of *pressure and heaviness* in the region of the kidneys, now on the right, now on the left, at times during rest, but mostly on motion, and especially on long sitting,⁷.—Dull *pressing* pain in the region of the left kidney,⁷.—Dull *pressive pain*, mixed with single dull stitches, along the ureter, extending forward to the fossa navicularis, and ending at the prepuce,⁷.—**Urethra.** *On urinating*, and long after, burning sensation in the preputial portion of the urethra,⁷.—*Very frequent urging to urinate, with discharge of a copious watery urine*,⁷.—[310.] Burning urine and smarting as if the pudenda were sore, after urinating (after nine days),⁵.—After urinating, frequent deceptive sensation, as if some urine still remained to be forced out,⁷.—**Micturition.** Copious urinating twice in the night (after six days),³.—*Very frequent urinating all day, also at night he frequently wakes to pass urine; the urine is clear like water*,⁷.—After three glasses of white wine during a night of watching, he was obliged to pass watery urine frequently much at a time (after three weeks),⁶.—Urine passed frequently though not much at a time; was always pale (fifth day),⁶.—Fulness of the bladder after two or three glasses, and though no special urging to urinate he was obliged to use abdominal muscles, and press the hand over the bladder in order to slowly evacuate it (third week),⁶.—Passed a small quantity of urine three or four times with the stools (seventeenth day),⁶.—At times during the cure, diminished discharge of urine, with dull sensation in the perinæum, and often, during stool, drops of prostatic juice at the orifice of the urethra,⁷.—**Urine.** A thick mucous sediment disappears from the urine and it becomes clear, the second week; afterwards the cramps in the bladder also disappear (they had been a frightfully painful compressure after urinating) only several weeks after “the cure” they return, E. (3).—[320.] Urine quite pale, clear, and watery, while that passed during the day is frequently straw-yellow, or dark-red, like badly fermented beer; sometimes jumentous and brown, as after taking Rhubarb,⁷.—*Urinary sediment* whitish, brick- or dark-red, at times tenacious, like frog-spawn; at times thick, mucous, and even containing small lumps of blood,⁷.—The urine, which when in health was almost as clear as water, looked dark (third week),⁵.—Urine causes dark-yellow spots on the linen in the latter part of the proving, in two women not jaundiced,³.

Sexual Organs.—Male. Transient twitching through the penis,⁷.—Erections without cause, also emissions for several nights,⁷.—Even on going to stool, there is erection of the penis, and with pressure to stool not seldom prostatic fluid is discharged,⁷.—Erections and emissions cease,⁷.—

Crawling and itching on the skin of the penis and scrotum, changing, after scratching, to a burning sensation,⁷.—**Œdema** of the scrotum (on the fourth day of the fever),².—[330.] *Testicles* at times *swollen* without pain or signs of inflammation, so that he must apply a suspensory bandage,⁷.—*Pressive pain in the testicles*; tensive drawing from the groin to the testicle and cord,⁷.—Amorous excitement, with very sensual thoughts, frequent erections, and frequent and copious emissions,⁷.—Suppressed sexual desire, the first part of the proving,⁶.—During the proving, sexual desire entirely ceases,⁷.—Frequent involuntary nocturnal emissions, in the case of chaste individuals, and even advanced in years; without erection or amorous feeling; with subsequent exhaustion and remarkable lassitude,⁷.—**Female**. Three days after *cessation of the menses, discharge of lumps of tenacious black blood, and later uncommonly violent leucorrhœa*,⁷.—Frequently, after the menses, burning and smarting in the genitals, and much leucorrhœa,⁷.—At times too early appearance of the menses, with spasmodic abdominal pains, cutting in the lower abdomen and mostly also some headache,⁷.—Menstruation, which had been profuse, became scanty; when it had been completely normal it occurred later; when it had ceased for some years (after the climacteric), it reappeared and continued several days,³.—[340.] Mostly scanty and retarded menstruation, at times, however, *more profuse* again, and also *lasting somewhat longer; then somewhat darker blood, and of a penetrating smell*,⁷.—*Difficult menstruation*, with drawing in the loins, and pains in the front part of the thighs,⁷.

Respiratory Organs.—Larynx and Trachea. Frequent *hawking* of mucus from the trachea and larynx; at times it is detached with difficulty,⁷.—*Sensation of soreness* in the air-passages, and quite uncommon sensitiveness to the air, as if the parts were deprived of their protecting membrane,⁷.—*Scraping and tickling* in the larynx and along the trachea to its point of bifurcation, exciting a cough, with loose expectoration of mucus,⁷.—Sensation of roughness and dryness in the trachea and larynx, also after a little talking; sometimes even in the morning before breakfast,⁷.—**Voice**. Momentary, at times also lasting and intense, *hoarseness and roughness*,⁷.—**Cough**. A chronic dry cough became looser, and at last troublesome,³.—**Respiration**. Oppression of breathing,⁷.—*Difficult breathing on ascending steps; and, on carrying a slight and customary burden, increased oppression of chest, making him stand still*,⁷.

Chest.—[350.] Painless sensation in the chest, as from a rushing therein, with a sensation as if an apprehensiveness would rise to the heart (thirty-third day),⁶.—At times peculiar sensation of *lassitude in the chest*, as after sitting for a long time, and pressing on the thorax while writing; it decreased very much on walking,⁷.—*Heaviness on the chest*, as if a load must be lifted with each respiration; not disappearing on forcible inspiration,⁷.—*Heaviness and fulness* in the chest, causing deep respiration, at times with internal restlessness, anxiety, and palpitation of the heart,⁷.—Severe burning rises from the intestinal canal to the chest, the whole afternoon,².—Sore aching diagonally across the chest,⁷.—*Sensation of oppression on the chest; also after slight motion of the body*,⁷.—*Peculiar sensation of oppression in the lower part of the chest, as if the lung had not room enough to expand, so that frequently she had to respire deeply*,⁷.—Stitching, fulness, and agitation in the chest,⁷.—In the female breasts, painfulness; frequent transient stitching and tensive drawing,⁷.—On deep respiration, a contracting sensation in the periphery of the diaphragm, which ends in slight stitches,⁷.—[360.] *Heaviness and pressure* along the sternum, as of a

hard weighty body,⁷.—Violent *pressive pain* and *tension* on both sides, at the attachment of the diaphragm to the ribs,⁷.

Heart and Pulse.—Præcordium. Tensive aching in the præcordium, and painful distension of the region of the stomach, which is sensitive to pressure; at times also oppressed breathing,⁷.—*Tension* and *contraction* in the region of the heart, with an anxious sensation of heaviness, especially with an overloaded stomach,⁷.—*Pressing* and *burning*, especially in the region of the heart, with warm ebullition and rush of blood to the chest, so that frequently increased beating of the heart ensues,⁷.—Anxiety rises up to the heart (from one glass),².—Peculiar vague sensation of pain at the heart; it is often disturbed, as by a blow,⁷.—Sudden, momentary twitching *stitches* through the heart, without especial cause, so that he has to stop while walking,⁷.—**Heart's Action.** Palpitation of the heart, frequently very violent,⁷.—She had frequent attacks of palpitation (twenty-first day),⁵.

Neck and Back.—Neck. [370.] In the neck, near the right angle of the jaw, soreness to touch, and a swollen sensation, especially if he turns the neck to the left, lasting several days (five days after three glasses),⁶.—Sensation of stiffness in the region of the straight muscle of the neck and in a part of the muscles of the back, increased on lying, decreased by motion,⁷.—Painful sensation in the nape of the neck, close to the occiput, as if he had become stiff from lying. This pain often extends, in the course of the day, over the whole vertebral column, as if the groups of muscles had become strained,⁷.—*Drawing pains in the nape of the neck and shoulder-blade*,⁷.—**Back.** The whole *back* and *small of the back* painfully stiff, as if he had been stooping a long time,⁷.—Sensation of *heat* and *burning*, and at times a shudder over the back,⁷.—*Paralysis* and paralytic pressing pain in the back and small of the back, with drawing over the hips, impeding walking very much,⁷.—*Dull*, somewhat boring pressure in the back, above the region of the liver,⁷.—**Dorsal.** Tension, as if streaming out from one spot and like a bruise, with dull stitches between the shoulder-blades; relieved on motion of the arms,⁷.—**Lumbar.** *Pains in the small of the back, with lassitude*,⁷.—[380.] Pain and weakness in the small of the back, with difficult walking,⁴.—Pain, as if stiff, on the right side of the small of the back, above the hips, on rising from a seat,⁷.—*Tensive and pressing pains from the small of the back toward the region of the privates*,⁷.—Drawing toward the small of the back, and a pinching toward the genitals,⁷.—Pressing pain in the small of the back, as from much stooping; relieved by walking, with remaining heaviness in the whole back,⁷.—Unusual pains in the small of the back, extending to the limbs, on raising and bending the body backward, so that after sitting he can scarcely rise or stoop; at times sensation as if there were no strength or firmness in these parts; at times like rheumatic drawing-tearing pains in the small of the back, and below the muscles of the back, extending to the hips and thighs, and at times again upward to the loins,⁷.—**Sacral.** Violent transient *stitches* through the sacrum, increasing on coughing,⁷.—After sitting a long time (and slumbering), with the feet resting upon a chair, great pain in the ischium, as if broken (sixteenth day),³.

Extremities in General.—Objective. Unusual *cracking* in all the joints,⁷.—*Trembling and crawling in the joints and limbs*,⁷.—*Restlessness* in the limbs, so that he now extends, now flexes them,⁷.—[390.] Frequent stretching of the limbs, with yawning,⁷.—In the morning after rising, he felt very light and strong in his limbs, though after a few glasses

his knees knocked together again (fourth day),⁶.—Sensation of *falling asleep*; *lame*; *sensation of stiffness* in the upper and lower limbs, especially when the limbs are held in one position, as, for example, hanging down; lasting longer than after sitting for a long time, when the rising from the seat frequently becomes very troublesome, which, however, often disappears on motion of these parts.⁷.—He seemed tolerably vigorous, while sitting after supper, but after lying down in bed all the limbs seemed completely fatigued; the sensation of exhaustion and prostration seemed now for the first time to be outspoken (third week),⁶.—Was constantly obliged to change his position in bed, because all the limbs ached from lying, especially the ischium from lying on the back,².—All the limbs are painful from lying, as if broken, in the morning (twentieth day),⁶.—After the first night, in which he dreamed very much without waking, and lay until 5 A.M., all the limbs pained from lying, as if broken (twentieth day),⁶.—*Pressing*, also *tensive*, *tearing and drawing* pains, jerks, stitches, and crawling, in almost all the joints, and in the most distant parts of the limbs; frequently alternating with each other,⁷.—Frequent sensation of formication in various parts of the extremities,⁷.—At times, especially after writing for some time, *coolness* and *stiffness* of the finger ends, also of the toes, after sitting for some time, but, in most cases, *heat*, even a burning sensation, in the soles of the feet,⁷.

Superior Extremities.—[400.] The right then left arm goes to sleep in the afternoon nap (twenty-third day),⁶.—*After writing a letter, heaviness in the arms, with increasing coldness of the finger-tips, and sensation in them as if going to sleep.*⁷.—**Shoulder.** A tension downward in the upper arm, in the shoulder-joint; great pain when raising it or upon placing it in any other position (tenth and twelfth days),⁵.—Tearing pain, often extending from the heart to the left shoulder, up to the axilla, and even to the region of the nape of the neck, by which all these parts become as if stretched, and very movable,⁷.—**Arm.** Upper arms at times so weary that when brushing the hair the head is reached with difficulty; they tire easily when writing, and the lower limbs sometimes fail him in walking,⁷.—Painful digging in the right humerus, especially on motion in the afternoon; the arm felt lame when she was obliged to use it (thirty-sixth day),⁵.—**Hand.** Transient pain suddenly upon the back of the hand, or upon one finger, as from burning nettles, or throbbing-burning stitches (fourteenth day),⁶.—The fingers go to sleep from carrying a light load upon the arm (third week),⁵.

Inferior Extremities.—*Swelling of the superficial veins of the lower extremities, so that the branching of single distended vessels can be plainly perceived.*⁷.—*Frequent stumbling.*⁷.—[410.] The right leg feels lame when walking; the lameness is also felt in the right nates when sitting (after seven days),⁶.—Weary pain in the whole right leg, from above downward, when walking (sixteenth day),⁶.—A spasmodic pain extending suddenly down the right leg, when standing, momentary (after six days),⁶.—**Hip.** Dull stitches over the left hip (nineteenth day),⁶.—**Knee.** Some dull shocks across the left knee (nineteenth day),⁶.—**Leg.** The lower leg, which before the proving had been less yellow than other portions of the body, became more yellow (fourth week),⁶.—A tension in the left lower leg, extending into the great toe, when sitting (fifteenth day),⁶.—Painful tension and tightness in the lower legs, when sitting (seventeenth day),⁶.—While sitting down, after being heated, in a falling rain, she felt drawing from the feet up to the knees, in the evening; after walking more, she per-

spired, though when she lay in bed the hands and feet became cold, with shivering and convulsive yawning, followed by uneasy sleep and very heavy feet in the morning (twenty-ninth day),⁵.—Swelling of the bone along the tibia, lasting a long time after the proving (from too hot “Sprudel” baths),³.—[420.] The calves seem too short; ascending becomes difficult (after twelve days),⁵.—Cramp in the calf on stretching out the leg, in the morning, in bed (after eleven days),⁶.—Cramp in the calves, in bed, on stretching out the foot, with pain in the calf, in the forenoon, when walking, especially on rising from sitting, as if too short (in many women),³.—**Ankle.** In the articulation of the left lower leg and foot, a transient cramplike pain (eleventh day),⁶.—Pain above the inner malleolus of the left foot, as though he had burned himself, or the skin had been rubbed off, in the evening (twenty-ninth day),⁶.—**Foot.** Sensitive dull twitches or pulsations here and there in the lower portion of the feet (after eight weeks),⁶.—The feet seem like blocks of wood (fifth day),⁶.—Frequently, after excessive walking, violent heat of the feet,⁷.—In the lower portion of the right foot, especially in the joint, when walking, a pain like a dislocation, especially after sitting a long time, lasting until she was fairly walking; it existed formerly, but was more frequent and more severe (fourth week),⁵.—Drawing in the feet, when walking upon the sole in thick woolen stockings without boots (thirtieth day),⁶.—[430.] Dull twitchings below the lower part of the right foot (after eight weeks),⁶.—Formication on the feet, especially when sitting (in several persons),³.—A benumbing momentary pressure suddenly in the right heel, when sitting (thirtieth day),⁶.—Very sensitive dull prickling stitches in the lower part of the right heel, in the evening, when lying in bed (twenty-first day),⁶.—Rhythmical prickling dull stitches in the left heel, which suddenly return after pauses of a few seconds, in the evening, in bed (nineteenth day),⁶.—Dull shocks above the left heel, in the evening, in bed, as if it would be shaken off (sixteenth day),⁶.—Previously *frozen* toes and heels become sensitive, and even subject to pressing and burning pain,⁷.—Transient stitches in the left great toe (fourteenth day),⁶.—Throbbing-burning stitches in the left great toe, starting from the tip, in the morning, in bed (sixteenth day),⁶.—Sensitive dull twitchings in the left great toe, when walking and standing (thirty-second day),⁶.—[440.] The corns are more painful than usual during the first part of the proving,³.—Bunions become daily more sensitive, and the skin around them is slightly red; in damp weather they swell, the skin of the parts becoming then so painful that, although the feet are well covered, they cause stitching and burning pains,⁷.

General Symptoms.—Objective. *The usually rapid gait becomes slower,*⁷.—*Anxious trembling,* as if the hands and feet would fall asleep,⁷.—*Great lassitude,*⁷.—*Lassitude, with sluggishness for every occupation,*⁷.—*Sinking of strength,*⁷.—*Very tired and dejected,*⁷.—*Sensation of weakness, so that she trembled and could hold nothing securely,*⁷.—In the evening, very weak, but when one began to ascend the mountain the strength seemed to gradually return, so that after two or three hours of difficult climbing he seemed to be stronger than in the beginning (third week),³.—[450.] Weakness of all the organs; of the organs of speech (*sermo abdominalis*); the bladder; the urine flows slowly in a weak stream, and with the assistance of the abdominal muscles; of the rectum, the stool was slow and only evacuated, as it seemed, with the help of distant portions of the intestinal canal; the peristaltic motion seemed to cease not far from the end of the intestinal canal, and no amount of pressure was of any avail; the *fæces* seemed to be

held back rather than pushed forward (fourteenth day),⁶.—Exhaustion, weariness, with sinking of knees, especially of the right, when walking (second day, after four glasses),⁶.—Great exhaustion in the evening, even after a bath of 85° F. (twelfth day); after lying down in bed he felt an apprehensive sensation about the heart; the pulse was full and slow; it frequently intermitted; he woke about 3 o'clock after many dreams, and found a pillow lying on his stomach, and could not for a long time fall asleep again; toward morning he was inclined to sleep,⁶.—Felt very much exhausted after repeated sweats; great heaviness and fulness of the abdomen and despondency, in the afternoon; in the evening, when ascending a mountain, she felt stronger (fourteenth day),⁵.—*Feeling of prostration*,⁷.—Increased *sensitiveness* of the skin,⁷.—**Subjective.** *General discomfort*,⁷.—General anxious sensation, as if the blood in the arteries would stagnate, with constant flushes of heat,⁷.—*Dislocated and spraining pains*,⁷.—*Drawing pains*,⁷.—[460.] *Frequently tearing-stitching and even burning pains*,⁷.—Dull shocks and jerks here and there in the body, especially in the lower legs, at different times,⁶.—The effects noticed the first few days and the original symptoms of the disease, for example, troubles with the digestion, etc., are for the most part repeated after from two to four weeks,³.

Skin.—Mealy desquamation of the skin,⁷.—*Red spots and streaks*, frequently burning like fire,⁷.—**Eruptions.** Rashlike eruption on the whole body, more itching than burning,⁷.—Small *red pimples*, frequently alternating, mostly on the sweating parts, disappearing with or without suppuration,⁷.—*Pimples*, also *pustules*,⁷.—**Sensations.** *Crawling and pricking on various parts of the body, with breaking out of sweat*,⁷.—*Itching-crawling in various parts of the skin, now in front, on the chest, now between the shoulders, now in the nape of the neck, in the upper and lower extremities*,⁷.—[470.] Much itching and increased sweat of the genitals,⁷.

Sleep and Dreams.—**Sleepiness.** *Constant yawning*, also generally very violent early in the morning, with *inclination to sleep*,⁷.—*Unconquerable inclination to sleep the whole day, and later in the evening difficult falling asleep*,⁷.—Violent inclination to sleep, without sleep following,⁷.—Weary with sleep, with yawning, as soon as she sits down (first and second weeks),⁵.—Overpowered by sleepiness, after yawning and chilliness (fourth day),⁵.—*After a meal, great inclination to sleep, and after a half hour's sleep, headache, with redness of the face and heat*,⁷.—*Deep sleep, with snoring inspiration and expiration*,⁷.—*Quiet and deep sleep, with active heavy dreams*,⁷.—Usually very refreshing morning slumber,⁷.—[480.] *Sleep sound and refreshing, or very restless, with frequent starting awake*,⁷.—*Feels unrefreshed, in spite of long and sound sleep*,⁷.—**Sleeplessness.** At times, *total sleeplessness*; at times only unrefreshing half slumber,⁷.—*Difficulty in falling asleep, also tardy slumbers*,⁷.—*Sleep after long tossing about*,⁷.—*Frequent waking and wakefulness at night*,⁷.—With all her sleep-weariness, she slept very lightly and woke at every noise, especially after midnight, and could not again fall asleep,⁵.—He wakes every morning at 3,⁶.—**Dreams.** *Many unremembered dreams*,⁷.—Lascivious dreams, with pollutions, in persons over 60 years of age,⁷.—[490.] *Many confused dreams every night*,³.—Uneasy dreams, so that one was glad on waking to be free from the illusion (after one week),³.—Dreams very varied, mostly confused and anxious,⁷.—Dreams full of strife and quarrels, in which one was never ready; everything was confused, distorted, etc.,³.—*Many frightful dreams, with tossing about*,⁷.—With usual good sleep, he had a very vivid dream of his occupations and business, which frequently awoke him, but as he closed his

eyes again and returned to a half-conscious condition, he recommenced his dream where it had been interrupted, and continued it like a continuous story; he even knew that it was only a dream, but nevertheless could not free himself from it; even in the morning, after rising, he remembered the main portions of it (third day).⁶—Even in the first sleep, before midnight, he had a dream so full of nameless grief and sorrow that he sighed over it, and thought to himself, “You have had hitherto many dreams of frightful things, and rejoiced on waking that they were illusions; would that this were also only a dream, but unfortunately you are awake and in full consciousness;” and therewith pinched himself in the cheek in order to be convinced that he did not dream; at last he awoke in a sweat, which was especially profuse on the limbs, so that he could wipe off the water; he told his bedfellow the dream, after which he could not fall asleep for a long time, and when he slept he continued the dream uninterruptedly, only in a more moderate way, until morning, when it was time to rise (twentieth night).⁶—Nightly fantasies, with profuse sweat.²

Fever.—Chilliness. Chilliness, with palpitation of the heart and drawing in the limbs.⁷—*Sensitiveness to cold air*; in general, great liability to take cold.⁷—[500.] *Frequent chilliness on various parts.*⁷—Chilliness and formication between the shoulders and down the back.⁷—An attack of fever towards evening, after a walk in a cold wet atmosphere (similar to what he had before the proving), yawning, chilliness, and sweat through the night, together with tolerably good sleep, from which, however, he frequently partially awoke and talked, when he always forgot the context; a kind of delirium which he had not had before the proving (second day).⁶—Frequent alternations of shuddering, chilliness, and heat.⁷—A few hours after drinking the “Sprudel” for several days in succession, alternations of chill and heat, great exhaustion, vertigo, night-sweats, fantasies, oppression of the chest, with coated tongue, anorexia, earthy, yellow, sunken face, and great prostration (fourth week); (this condition was at first called a crisis from the waters, afterward, *nervo-gastric fever*); allopathically treated, and died after five weeks.²—**Heat.** Pleasant warmth of the whole body.⁷—Sensation of increased warmth all over, especially in the head.⁷—Heat, without preceding chill, also frequently in the evening.⁷—*Sensation of heat, with alternating flashes of chilliness, over the whole back.*⁷—Flashes of heat all over, especially in the face, with sweat on forehead.⁷—[510.] Hot flashes, with weakness and anxious sweat (as she formerly had), very frequently (first weeks).⁵—*Heat of the head, with redness of the face and creeping shudders.*⁷—*Sensation of heat in the face, without redness.*⁷—At times, attacks of fever, without remissions, then again for a few days he felt very free and light in the limbs, though with increasing leanness, weariness, and sickly expression (after four weeks).¹—**Sweat.** *Transpiration more active; he sweats more easily.*⁷—*Sweats*; also after attacks of shuddering and heat.⁷—With great external heat, the water acts more upon the skin than upon the intestines.³—She sweats every night, contrary to habit (second week).⁵—At night, he always perspired slightly, though mostly on the limbs, as formerly during the period before the proving.⁶—Sweat colors the linen yellow (fourth week).³

Conditions.—Aggravation.—(*Morning*), On rising, irritable, etc.; fulness of the forehead; after waking, headache; semicircle in field of vision; mucus in mouth; after waking, mouth lined with mucus; limbs painful from lying; in bed, cramp in calf; on stretching out foot, cramp in calves; in bed, stitches in great toe; early, yawning, etc.—(*Forenoon*), Beating in

temple; when walking, pain in calf.—(*Afternoon*), Unpleasant mood; thirst; while riding, sensation as if heartburn would ensue, etc.—(*Evening*), On lying down, cracking in the head; in bed, pain in side of head; redness, etc., in face; thirst; pain above left malleolus; when lying in bed, stitches in right heel; in bed, stitches in left heel return; shocks above left heel; exhaustion; heat.—(*Night*), Confusion of head; gripping in abdomen.—(*Ascending an eminence*), Throbbing, etc., in head.—(*After breakfast*), Hiccough, etc.—(*Coughing*), Pains through sacrum.—(*On descending*), Stitches in pit of stomach.—(*After dinner*), Pressing, etc., in stomach.—(*After drinking*), Hiccough, etc.—(*After eating*), Confusion, etc.; redness, etc., in face; hiccough; pain, etc., in stomach.—(*After looking long*), Eye seems veiled.—(*Lying*), Sensation in muscle of neck.—(*After lying down in bed*), All limbs seem fatigued.—(*After meals*), Pressure in forehead; toothache; inclination to sleep.—(*On raising and bending body backwards*), Pain in small of back.—(*Long-continued reading*), Weakness of eyes.—(*Deep respiration*), Pain in region of liver; sensation of ring around abdomen.—(*In room*), Anxiety; heat of head; fulness, etc., in occiput.—(*On sewing*), Eyes watery.—(*When standing*), Pain down right leg; twitchings in great toe.—(*Stooping*), Throbbing, etc., in head.—(*Touch*), Pain in tooth.—(*Turning over on left side*), Pain in region of liver.—(*Walking*), Pain in leg; twitchings in great toe.—(*Walking fast*), Pain in region of liver.—(*When walking in open air*), Dark stripe before eye.—(*When working with the hands*), Objects appear in axis of vision.—(*Writing*), Weakness of the eyes.

Amelioration.—(*In open air*), Anxiety; stupefaction of head, etc.; vertigo; fulness, etc., in occiput; weakness of the eye.—(*Motion in open air*), Confusion, etc., of head.—(*After coffee*), Pinching, etc., in abdomen disappears.—(*After eating*), Pain in pit of stomach.—(*Motion*), Headache; sensation in muscle of neck.—(*After rising*), Fulness of forehead disappears.—(*Sitting*), Contraction above navel; tension in leg; tension, etc., in legs; formication in foot; pressure in heel.—(*On stooping*), Contraction above navel disappears.—(*Walking*), Sensation in chest; pain in small of back.

CARYA ALBA.

Carya alba, Nutt. *Nat. order*, Juglandaceæ. *Common name*, Shellbark or Shagbark hickory.

Authority. Dr. Forsyth, *Med. Repos.*, 11 (*N. Am. J. of Hom.*, 2, 473), effects of eating the nuts (the exclusive diet, for three or four weeks, of a girl 7 years old).

Face.—Appearance clay-colored.—Face swollen.

Mouth.—Gums swelled, began to bleed and turn black, and she could not move her lips without occasioning a profuse discharge from them.

Stomach.—Appetite for animal food bad.—Appetite gone (after seventeen days).

Abdomen.—Abdomen much swelled (after seventeen days).

Stool.—Discharge of black-colored blood by stool (after seventeen days).

Respiratory Organs.—Breathing short.—Respiration difficult.

Heart and Pulse.—[10.] Pulse small and quick.—Pulse weak and irregular.

Extremities in General.—Extremities swollen.

General Symptoms.—On the least excoriation of the skin, the blood would gush out, of a very dark color.—Blood gushed from gums, nostrils, ears, and several other parts (after seventeen days).—Want of strength.

Skin.—Whole body, including face, covered with livid spots, from size of one inch in diameter to that of a pin's head; the largest resembled a bruise, the smaller were sometimes red, resembling flea-bites.

CASCARILLA.

Croton Eleuteria, Bennett. *Nat. order*, Euphorbiaceæ. *Common name*, (Spanish) Cascarilla.

Preparation, Tincture of the bark.

Authority. Stapf, *Archiv. f. Hom.*, 15, 1, 184.

Mind.—Disinclined to think,¹.

Head.—Confusion of the head,¹.—Heat and confusion of the head,¹.—Dull drawing pain in the right temporal region, lasting two days,¹.

Mouth.—Bitter, rough taste, when smoking,¹.

Throat.—A sensation of deep swelling deep down in the throat, when not swallowing, and especially when swallowing, as if he has swallowed the stone of a fruit,¹.

Stomach.—Hunger at 3 P.M., though he had eaten a few hours previously,¹.—Eruptions with bitter taste,¹.—*Frequent empty eructations* (after one hour),¹.—[10.] Slight empty eructations at times; at times ineffectual attempts at eructations,¹.—Burning in the pit of the stomach,¹.—Severe pressure in the stomach,¹.—Slight tensive pressure in the epigastric region, as if one had eaten too much; every step caused a painful shattering in the epigastric region, which did not feel tense and was not hard (worse when walking than when sitting),¹.

Abdomen.—Troublesome sensation of pressure and tension in the hypochondria, almost like incarcerated flatus, though associated with a sensation of hardness,¹.—Movings about the abdomen like flatulence, with slight painful sensation, without passage of flatus (after one hour and a quarter),¹.—Unusual griping in the abdomen before the usual morning stool, followed by the normal stool (after one hour),¹.—Pressure and rumbling in the abdomen; passage of flatus (after two hours),¹.

Stool.—The usual evening stool omitted, and the customary morning stool was passed with great exertion, consisting at first of large brownish lumps, mingled here and there with masses of mucus, followed by a naturally formed and colored stool, which was here and there mixed with much bright blood,¹.

Urinary Organs.—Momentary painful sensation in the orifice of the urethra after urinating, as from a soreness, as if a few drops would still pass, which caused a burning,¹.

Respiratory Organs.—[20.] Short dry cough, from tickling in the trachea,¹.

Chest.—A stitch extends up towards the left breast, as if caused by incarcerated flatulence,¹.

Extremities in General.—Weariness and indolence of all the limbs,¹.—A pressive-tensive pain in the right shoulder-joint, during rest and motion,¹.

Sleep and Dreams.—Sleep, with semiconsciousness; he thought he

was awake, though he still slept; he lay in various places during sleep, dreamed much, though without anxiety, and remembered distinctly his dreams after waking in the morning,¹.

Fever.—Anxious heat of the whole body and a slight sweat, followed by sleepiness (after half an hour),¹.—Slight sweat on the back, when walking in the open air, with slight chilliness, which immediately disappeared on standing still, but returned after walking again,¹.

Conditions.—**Aggravation.**—(*When smoking*), Bitter, etc., taste in mouth.—(*Walking*), Pressure in epigastric region.

Amelioration.—(*On standing still*), Chilliness disappears.

CASSADA.

Mauihot utilissima, Pohl (*Jatropha manihot*, L.).† *Nat. order*, Euphorbiaceæ. *Common name*, Sweet or bitter cassada or cassava.

Preparation, Tincture of the root.

Authorities. 1, 2, and 3, Reil, Journ. f. Pharm., Tox., and Therap., 1, 586; review of Michiel de Keyzer, Inaug. dis., "Bydrage tot de Kennis van het Blauwzuur," 1856, poisoning of two boys and a girl, aged respectively 3, 4, and 6 years; 4, *ibid.*, poisoning of a negro by the juice; 5, Dr. Barham, general statement of symptoms of poisoning, Pharm. Journ., 5, 29, 1846; 6, Mure, Pathogenesie Bresilienne, effects from an ounce dose of the expressed juice of the root, by J. V. Martius.

Mind.—**Emotional.** At times, painful weeping, with grinding of the teeth,³.—Sadness,⁶.—Wakes in bad humor (second day),⁶.—**Intellectual.** She seemed to have some consciousness, as was shown by the look of her eye when her name was called aloud,³.—Senseless and unconscious, with ice-cold hands and feet, pale, sunken face, half-closed eyes, dilated pupils, half-opened mouth, full of saliva, respiration very slow, almost imperceptible, action of the heart intermitting, scarcely perceptible, anus relaxed, wide open, limbs relaxed,^{1 2}.—He fell to the ground unconscious, with loud cries and convulsions,⁴.

Head.—**Dizziness** (second day),⁶.—**Giddiness** of the head,⁵.—**Weight** in the head, especially the top of the forehead, at 4 p.m. (second day),⁶.—[10.] **Pain** in the forehead and nasal fossæ (fourth day),⁶.

Eye.—**Pain** within the orbits,⁶.—**Dimness** of sight,⁵.—**Optical illusions** (fourth day),⁶.

Ear.—**Noise** in the ears, extending to the occiput, like letting off steam (third day),⁶.

Mouth.—**Clammy** mouth, with bad breath (third day),⁶.—**Bitter** mouth (fourth day),⁶.

Throat.—**Sense** of swelling in the left tonsil (second day),⁶.—**Pain** at the velum palati,⁶.—**Slight** feeling of dryness in the œsophagus,⁶.

Stomach.—[20.] **Appetite** when beginning breakfast, but it suddenly ceases after taking a little milk (second day),⁶.—**Thirst**,⁶.—**Ercutations** at 6.30 a.m.,⁶.—**Violent** vomiting and purging,⁵.—**Heaviness** in the stomach all night, relieved by applying the hands (fourth day),⁶.—**Slight** weight in the stomach,⁶.—**Pain** and sickness of the stomach,⁶.—**Slight** dull pains in

† The bitter variety is poisonous, differing from the sweet, as bitter from sweet almonds (the difference probably due to the presence of hydrocyanic acid); botanically, the two varieties are alike.

stomach and bowels, with borborygmi (second day),⁶.—Vague and transient, but very acute, pains in the stomach (third day),⁶.

Abdomen.—Swelling of the whole abdomen,⁵.—[30.] Vague pains in the hypogastrum, when urinating, at 6 A.M. (second day),⁶.

Rectum and Anus.—Tenesmus and pressure in the sphincter ani, with pricking, at 3 P.M. (second day),⁶.—At 8 o'clock, renewed, but ineffectual urging to stool (second day),⁶.

Stool.—Diarrhœa in the morning (sixth day),⁶.—Unusually easy stools,⁶.—Watery, greenish, fetid stools (second day),⁶.—Copious, light-colored, watery, fetid stools (second day),⁶.

Urinary Organs.—Sudden pain, with lancination, in the urethra, above the fossa navicularis, for two minutes (second day),⁶.—Slight heat in the urethra (third day),⁶.

Respiratory Organs.—Respiration intermitting, at times almost ceasing,³.

Chest.—[40.] Pain within the chest,⁶.—Pain in the side of the chest and in the shoulders, aggravated by movement (second day),⁶.

Heart and Pulse.—Pulse very weak,³.

Back.—Pain in the back (third day),⁶.—Pain at the loins (sixth day),⁶.

Superior Extremities.—Acute pain in the left arm at night,⁶.—Pain in the left elbow (third day),⁶.

Inferior Extremities.—Pain at the inside of the thigh (fifth day),⁶.—Rheumatic pain in the right thigh (eighth day),⁶.—Trembling of the knees and of all the limbs with violent emotion, when hearing others talk about the disease he is afraid of having (second day),⁶.—[50.] Weakness of the knees when going upstairs,⁶.—Swelling of the ankles, rather less at night (third day),⁶.

General Symptoms.—Slight cramps, with staring look,³.—Debility,⁶.—Moral and physical prostration (third day),⁶.—Faintings,⁵.

Sleep and Dreams.—**Sleepiness.**—Drowsiness (sixth day),⁶.—Drowsiness in daytime,⁶.—Sleep at 4 P.M. (second day),⁶.—Falls asleep late,⁶.—[60.] Distressing dreams, about wanting to save an asphyxiated child, whose parents will not let him treat it (second day),⁶.—Dreams about a conflagration, with small flames, like those presented by the 10th attenuation of *Crotalus cascavella*, when examined under the solar microscope, at the Homœopathic Institute of Rio Janeiro (fifth day),⁶.

Fever.—Coldness and shrinking,⁵.—The whole head, especially the nape of the neck, is cold (eighth day),⁶.—Face and limbs cold,³.—Icy coldness under the shoulder-blades, in bed, even when well covered up (seventh day),⁶.—Icy coldness of the arm, even to the marrow of the bone (eighth day),⁶.—Icy coldness of the knees (sixth day),⁶.—Cold feet and hands (seventh day),⁶.—Profuse sweat during sleep, ceasing on waking (second day),⁶.—[70.] Very fetid sweat under the axillæ and on the scrotum (third day),⁶.

Conditions.—**Aggravation.**—(*Morning*), 6.30 o'clock, eructations; 6 o'clock, when urinating, pain in hypogastrum; diarrhœa.—(*Afternoon*), 4 o'clock, weight in head; 3 o'clock, tenesmus, etc.—(*Night*), Pain in left arm.—(*Movement*), Pain in chest.—(*During sleep*), Sweat.

Amelioration.—(*Night*), Swelling of the ankles.—(*Applying hands to part*), Heaviness in stomach.

CASTANEA VESCA.

Castanea vesca, L. *Nat. order*, Cupuliferæ. *Common name*, Chestnut.
Preparation, Tincture of the leaves gathered in the summer.

Authorities. MS. provings of Dr. Henry C. Houghton and three others, with wineglassful doses of an infusion of the leaves.

Head.—Head feels dull (fifth day).—10 A.M., out in the hot sun for one hour, followed by severe headache, with slight dizziness; relieved by lying flat on back in cool room (eighth day).—8.30 A.M., sharp darting pain in right temporal region (eighth day).—Slight darting pains in left temporal region (sixth day).

Throat.—Slight *acid feeling in throat* (immediately).

Stomach.—No appetite for breakfast (seventh day).—No appetite for breakfast, but thirsty (fifth day).—Thirsty (fourth day).—*Desire for warm drinks* (fifth and sixth days).

Abdomen.—[10.] Flatulence odorless.—12.30 P.M., frequent emission of flatus (sixth day).—Feeling as if bowels would move, but no pain (fifth day).—*An uncomfortable relaxed condition of the abdominal viscera all day, better while lying on back* (fourth day).—Pain in bowels as of incarcerated flatulence (sixth day).—Considerable pain after stool, which gradually subsided while lying on back, best in that position (fourth day).—3 P.M., severe pain and rumbling (sixth day).—Woke at 5 A.M., with severe pain in abdomen below navel. Water-closet being occupied by another *prover*, the pain increased to an intensity, then gradually decreased, then increased to the intensest pain again (fourth day).—At 8 P.M., while in church, severe pain in abdomen below navel, urging to stool; feared should have to leave service.—After dinner at 6 P.M., pressure and rumbling in bowels, emission of flatus (fifth day).—[20.] *Abdominal walls sensitive* (sixth day).—Immediately after eating, pain in lower portion of abdomen (seventh day).—From 3 P.M. to 10 P.M., aching pain in pelvis, thighs, and legs, better lying down, or feet supported in a chair (fourth day).

Rectum and Anus.—1.30 P.M., *sudden and urgent desire for stool, accompanied by severe pain and rumbling*; pain relieved by stool (sixth day).

Stool.—**Diarrhæa.** Stool at 9.30; urgent, compelling immediate discharge; *stool soft, yellowish-brown* (third day).—Stool at 3.15 P.M., sudden and slightly watery (sixth day).—Stool at 1.30 P.M., lumpy, yellow, smelling like the decoction (sixth day).—Urging at 9.30; dark-brown stool; pain after stool (second day).—8 A.M., stool urgent, watery, black, small in amount (fourth day).—Stool about 6.10 A.M., urgent, profuse, black, lumpy, and watery (fourth day).—[30.] 6.55 A.M., stool urgent, black, watery, not lumpy (fourth day).—*The soft stools consisted of short, small pieces, like chopped tape; this character of stool has continued for three years, whenever loose stools occur* (in three provers).—About 5 A.M., stool first rather hard, then profuse and lumpy, black, and of an odor similar to the decoction (fourth day).—**Constipation.** Stool at 8.30, insufficient, discharged with difficulty (second day).—No stool (fifth and sixth days).

Urinary Organs.—The quantity of urine passed thus far has been less than normal (fifth day).—9 A.M., small amount of dark urine (seventh day).—Rested well till 4.30 A.M., rose, and passed small quantity of dark urine (fifth day).—Very dark urine (fourth day).

Chest.—During day, slight *pain in right lung, centre* (first day).

Extremities in General.—[40.] 8 A.M., aching pain in left arm and leg, as on fourth day (eighth day).

General Symptoms.—Great lassitude (fifth day).—10 A.M., felt very weak and tired, particularly in legs, below knees, and in forearms (eighth day).—After stool, prostration and weakness; better from lying flat on back (sixth day).

Skin.—Several small pimples on thigh (right), back of left ear, and on left upper lip; one on lip very painful (seventh day).

Sleep and Dreams.—Rested poorly at night (seventh day).—Restless night; very tired on waking (ninth day).—At 6.10 A.M., woke from dreams of efforts at stool, and voiding stool, fouling clothing (fourth day).

Fever.—*Perspiration very free after drinking* (fifth and sixth days).

Conditions.—Aggravation.—(After dinner), Pressure, etc., in bowels.—(After eating), Immediately, pain in lower abdomen.—(After stool), Prostration, etc.

Amelioration.—(Lying down, or supporting feet), Pain in pelvis, etc.—(Lying flat on back), Headache; condition of abdomen; pain after stool; prostration, etc.—(From free perspiration), After drinking, relief.—(Stool), Pain in bowels.

CASTOR EQUI.

“The rudimentary thumb-nail of the horse.” The small, flat, oblong-oval, rough, dark, horny substance found on the inner side of the leg above the fetlock; called by Paracelsus *Verruce equorum genium*.

Preparation, Triturations.

Authorities. 1, Dr. Bauer, in Hering's résumé, Buchner and Nusser's All.-Zeit. f. Hom., second supplement; 2, Dr. Geist, *ibid.*; 3, Hering, *ibid.*; 4, Kummer, *ibid.*, took a potency “higher than the third;” 5, Romig, *ibid.*

Mind.—Unusual laughing about not laughable things,³.

Head.—*Vertigo, headache, nausea*, in the morning,⁴.—Pressure from within outward, especially in the temples, near the ears, worse on the left side (from triturating),².—Pressure in the forehead,².—Headache in the left temple,⁴.—Pressive pain in both temples from within outward, as if the head would be forced asunder (while triturating),¹.—Pressing sensation in both temples, in the morning immediately after taking it, which lasted for half an hour,².—Pressive pain in the temples, disappearing after waking from sleep,².—In the forenoon, while lying and reading, he fell asleep, but was awakened by a sensation as if the occiput had gone to sleep, such as he had six years previously; a few hours after taking,².—[10.] Pressure deep in the occiput, as if one pressed something hard against it; in the forenoon,².—Crawling in the hairs, as if something were crawling in them,².—The scalp goes to sleep from the neck up to the vertex, with a sensation as if the posterior half of the head were lying in ice; during the midday sleep, after triturating,².

Eye.—Frequent twitching in the right lid,⁴.—Itching in the canthi,².

Ear.—Troublesome dry sensation in the left ear, which compelled him to scratch, somewhat also in the right ear; afterwards a twitching pain within the left ear,².

Nose.—*Continued fluent coryza, with constant sensation of hunger, even after eating,².—Pressive pain in the nasal bones,¹.

Face.—Transient burning-sticking pains in the face, and also in the body, now here, now there,³.—Sensation as of cramp in the cheeks (third

day),³.—[20.] Prickling and heat on both cheeks,³.—Dry lips, with thirst, in the evening (third day),³.

Mouth.—Pain in a hollow tooth of the left side, which obliges him to have it filled,³.—Shooting pain in the hollow teeth of the left side,².—Slight painful sensation in the right molar teeth,².—Burning pain in the forepart of the tongue,³.—Great accumulation of saliva, especially immediately after eating,³.

Stomach.—Great sensation of hunger, even after eating (with coryza),³.—Two weeks after the proving, the desire for smoking returns, which he had completely lost eight years before, after whooping-cough; this lasted only one month, and then disappeared suddenly,².—Frequent empty eructations,².—[30.] Frequent empty eructations, at 10 A.M.,³.

Abdomen.—Soon after the pain in the teeth loud rumblings and noises in the abdomen appear (in the forenoon),².—Slight pain in the right inguinal region, after taking,².—Stitchlike pain in the left inguinal region,².

Stool.—*Urgent stool, preceded by colic and passage of offensive flatus*,².—Stool omits second and third day; then, the next morning, he is awakened from sleep by colic, with desire for stool, followed by a very urgent, thin, watery, somewhat burning passage; after this no stool for two days, then again diarrhoea followed, with severe pressure and colic,².

Respiratory Organs.—A troublesome morbid sensation in the larynx, while triturating,¹.

Chest.—The areola becomes red as in erysipelas, as also do the nipples, with much pain in the left breast (after Hepar immediately relieved, and the nipples, which have been sore for a week, heal); in a woman,⁵.—(**Cracked, sore nipple in a nursing woman*°),^{2 5}, and others.—Violent internal twitchings in the breasts, mostly in the right, by paroxysms, in the evening “raving;” relieved by rubbing and scratching it, which makes the skin raw; the areola is for a long distance red, and the nipples pain, and are dryer than usual; the itching extends backwards to the shoulder (in a woman, after the third dose, from the third trituration),⁵.—[40.] Swelling of the mammary glands (male), especially of the right; they are painful, especially to touch, the left particularly,².—The swollen mammary glands (male) are very painful on stepping down stairs; it seems as though they would fall down; he is obliged to press them with the hand in order to relieve this troublesome sensation,².—Burning pain in the chest,².—Burning pain in the middle of the chest,².—**Stitching pain in the chest*,³.

Heart and Pulse.—A peculiar sensation in the heart, like the struggling of something living, with anxiety and movings about, and fermentation in the upper and lower abdomen; in the forenoon,².

Extremities in General.—Arms and legs feel bruised,⁴.—Pain in the right tibia and left forearm, seldom, but returning after several days, and often very severe,⁴.—Pain in the elbow and right knee, afterwards very severe in right tibia; in the evening,⁴.—Dull pain in the ankle and wrist,⁴.

Superior Extremities.—[50.] Pain in the whole right arm,².—Pain in the right arm wakes him from sleep with cries; the arm feels as if it were asleep, thicker and heavier; relieved after rubbing, after which he continues to sleep till morning, when everything disappears; only after he has been asked by others why he cried out he recollects all about it,².—Drawing pain in the right arm, and in the chest,².—Frequent shifting, stitchlike pains go from one arm to the other, or even into the face,².—Pain in the middle of the left forearm, in the evening,⁴.—After the right wrist had been painful, the left one was affected, together with the fifth finger of

the right hand,².—The right wrist pains as if sprained, and on hanging down the arm it streams into the fourth and fifth fingers, for one day,².—Twitching, frequently returning, pains above the left wrist,².—Drawing pains from within outwards in the ball of the left hand, which extends to the tips of the fingers,².—The finger-nails break off on the slightest provocation,².

Inferior Extremities.—[60.] Frequent, isolated, fine stitches in the lower limbs; continued burning pain in the right limb,².—Pain in the knees, especially when sitting,⁴.—Continued pain in the hollow of the right knee when the knee was bent, especially on stooping, also when sitting down, but most severe when standing after sitting,⁴.—Burning pain in the side of the left knee,².—*Repeated pain in the right tibia*,⁴.—Tension in the left calf,².—Pain in both heels,⁴.—Pain in the left great toe, as if frozen,².—Toe-nails very brittle,².—Some of the toe-nails come out without cause and without pain; new ones are already formed beneath them,².

Skin.—[70.] Small painless pustules behind the left ear, forming a circle of the size of half a dollar,².—Severe small boils on both lower legs (caused by two grains of the third trituration, in a psoric unimpressible subject),².

Sleep and Dreams.—Sleepy early in the evening (third day),⁴.—Uneasy sleep with many dreams, with going to sleep of the right arm,².—In his sleep he stretched his hands above his head and cracked his fingers, which awoke his bedfellow, who aroused him,².—Dreams in winter of fresh fruits hanging from the trees,².—Dreams in the night that his mother, living in Germany, was sick, without having thought of her the previous day,².

Conditions.—**Aggravation.**—(*Morning*), *Vertigo*, etc.—(*Forenoon*), Pressure in occiput; sensation in heart.—(*Evening*), Dry lips, etc.; pain in elbow, etc.; pain in forearm.—(*After eating*), Accumulation of saliva.—(*Sitting down*), Pain in knees.—(*Standing after sitting*), Pain in hollow of knee.—(*Stepping down stairs*), Pain in mammary glands.—(*Stooping*), Pain in hollow of knee.

Amelioration.—(*Rubbing*), Pain in right arm.

CASTOREUM.

Castor Fiber, Linn. *Nat. order*, Rodentia. *Class*, Mammalia. *Common name*, Beaver.

Preparation, Tincture of the secretion contained in the preputial sacs.

Authorities. 1, Caspary, Hartlaub and Trinks, *Annalen*, 3, 314, proved the Russian variety; 2, "N-g," *ibid.*, proved the Austrian variety.

Mind.—Very sad, lachrymose, and languishing, in the afternoon (third day),².—Very melancholy and depressed, as if something evil would befall her, in the afternoon (third day),².—Anxious at night, and waking from fright, after midnight (fourth day),².—Despondent, apprehensive, moody, in the afternoon (third day),².—Extreme apprehensiveness and sadness, and constantly inclined to cry, the whole of the first and second days; towards evening, however, she was unusually lively,².—Fretful humor,¹.—Very fretful humor,².—During menstruation, she was very fretful, discontented with everything; she was even averse to speaking,².

Head.—Sensation of heaviness in the whole head, in the morning, after rising, lasting till noon (eleventh day),².—[10.] Pain in the head and stomach, with nausea, after dinner and after a vexation (second day),².—

Headache, like sticking, with confusion, lasting fifteen minutes.²—**Fore-head.** Sensation of heaviness and aching in the forehead (after half an hour),².—Headache, like a fulness in the forehead, and a sensation as if the skull at that place would burst (ninth day),².—Transient pressure in the forehead,¹.—Extremely painful pressure in the forehead, in the evening (first day),².—Pain, pressing from within outward, in the right side of the forehead,¹.—Some sharp stitches behind the right frontal eminence, at 10 A.M. (fifteenth day),².—Headache, tearing in the forehead, with great sensitiveness on the top of the head, during menstruation, in the evening,².—Fine tearing in the right side of the forehead and vertex, when sitting (third day),².—[20.] Tearing and drawing in the forehead, in the evening, at 6 P.M., disappearing in bed,².—Beating and throbbing, with sensation of heaviness in the forehead, at 4 P.M., after a bath, worse in the evening, and continuing until she fell asleep,².—**Temples.** Twitching in the left temple, which extended forward to the upper back teeth, during menstruation (fifteenth day),².—Tearing in both temples, and sore, sensitive pain when pressing upon them, in the evening, lasting till 10 P.M., with chilliness (thirteenth day),².—Tearing from both temples; it extended thence into the middle of the forehead; relieved by pressure upon it and in the open air, together with pain and sensitiveness to pressure upon the vertex, with chilliness (eleventh day),².—Throbbing in the right temple, in front of the ear, while standing, after dinner.².—**Vertex.** Heaviness and sensation of tearing in the vertex, half an hour after dinner,².—Headache on the vertex, as if it were suppurating; worse from pressure upon it,².—**Parietals.** The head feels screwed together, especially in both sides,².—Sharp stitches in a small spot on the right side of the head, in the forenoon (fourth day),².—[30.] Sharp stitches in the upper part of the left parietal bone, in the afternoon (third day),².—Such violent stitches, together with beatings on the upper part of the right parietal bone, that the head was moved by them (tenth day),².—Tearing in the right side of the head, in the temples, in the evening, while walking (third day),².—**Occiput.** Twitching in the right side of the occiput, in the afternoon,².—Pain in the occiput, as if the head would be drawn backwards (eighteenth day),².—Pressure and throbbing in the left side of the occiput, externally, in a small place, internally, widely extended; as she pressed this place slightly with the finger, the pain disappeared, but a great sensitiveness remained, and she felt stupefied, during dinner (first day),².—Severe tearing and sticking in the right side of the occiput, like shootings, in the afternoon, while standing (third day),².—Violent throbbing, with sticking and tearing in the right side of the occiput, in the afternoon, while standing (third day),².—Painful throbbing, as from an ulcer, in the occiput, while sitting (after two hours),².

Eye.—The eyes feel as though he had not slept enough,².—[40.] The eyes burn, and are very sensitive to the sunlight, in the afternoon (fifth day),².—Burning of the eyes, in the evening, by the light, with agglutination of them by night,².—Biting, now in the right, now in the left eye, during menstruation,².—*The eyes are agglutinated nearly all night* (first night),².—She was unable to look at the sunlight, on account of burning in both inner canthi (eleventh day),².—Biting in the right inner canthus, disappearing while rubbing, in the afternoon (sixth day),².—Continual watering of the eyes (third day),².—**Vision.** Inclination to strain the vision when looking sharply at work, with pain like pressure, in the evening; is not felt when not at work (first and second days),².—Sensation as if something hung down before the eyes, so that she was obliged to look outward, and at times

prevented vision (third day),².—A fog before the eyes on looking at a distance, together with a pain like a burning; she also saw at times small stars and clouds before the eyes (third day),².

Ear.—[50.] Pain behind the left ear,¹.—Tearing in the right concha, and about the temple, in the afternoon (second day),².—Painful tearing on the tip of the left ear, which frequently returns, in the forenoon (third day),².—**Hearing.** Sounds in the right ear for a long time, which only disappeared on boring in with the finger, in the forenoon,².—Roaring and gurgling in the right ear, like boiling water, relieved by boring in with the finger (sixteenth day),².

Nose.—Sneezing, so violent that it shakes the whole body,².—Frequent sneezing, without coryza (seventeenth day),².—Frequent sneezing during the day, with stoppage of the nose (first day); the next morning the stoppage is loosened,².—Coryza, with which much water is discharged (sixteenth day),².—Clear acrid water flows from the nose, without stoppage; it excoriates the nostrils (fourth day),².—[60.] Stoppage of the upper part of the nose, as though no air could pass through,².—The nose seems to be full and stopped in the upper part; only clear water comes from it (second day),².—Tearing in the upper part, in the root of the nose, with itching in the nose,².

Face.—She looks very pale and sick during menstruation,².—Redness of the face and constant yawning, on account of severe pain in the bowels, without sensation of heat (seventeenth day),².—Visible twitching in the lower lip, and feeling as if something alive were in it, at 6 P.M. (eleventh day),².—Tearing in the left lower jaw and teeth, in the afternoon (seventh day),².

Mouth.—Teeth and Gums. Toothache in the right side of both jaws, caused by eating, the whole afternoon, till evening; relieved by nothing except frequent doses of spirits of camphor,².—Boring toothache in the whole right side, relieved by nothing except warm water, at 5 P.M., lasting the whole night; she could not bite upon it,².—Violent tearing in several teeth of the right upper row, and in the whole side of the face, at 8 P.M. (first day),².—[70.] Toothache, a frequent painful tearing, caused by sucking or touching with the tongue (fifteenth day),².—Boring-tearing in the right upper eye-tooth; the pain was worse from cold, and relieved by warmth, but afterwards not relieved by anything,².—Toothache in the left lower row, crawling, as from worms, caused by cold, and then also continuing in the warmth, in the afternoon (fourteenth day),².—Something acid comes from a painful back tooth in the right lower jaw, in the afternoon (second day),².—Pain in the left lower back teeth,¹.—A right lower back tooth begins to pain, worse from cold water, relieved by warm, in the evening, lasting till going to sleep,².—Toothache as soon as she begins to eat, and lasting a long time afterwards, in the left lower anterior molar, during menstruation,².—Gnawing pain in hollow back tooth of the right lower row; this is followed from time to time by severe jerking in it,².—Tearing in a hollow back tooth of the right side, worse in the air, at 7 P.M., and frequently returning,².—Toothache, tearing and digging, in the last back tooth of the right upper row, somewhat relieved by warm water,².—[80.] Tearing in the last back tooth of the right upper row, with a feeling as if a worm were creeping about in it, in the afternoon,².—Jerking-tearing in the back teeth of the right lower row, in which some bread lodged; if she touched the teeth with the tongue, the pain became worse; it was also worse in the open air, lasting a long time, in the afternoon,².—Jerking pain

in a back tooth in the right lower row, with sensitiveness to touch of the tongue (ninth day),².—The gum of the right upper inner side of the jaw is swollen, with tearings extending to the right temple, at night (first day),².—Burning in the gum in a painful tooth, lasting a quarter of an hour, worse when pressing upon it with the tongue (twelfth day),².—**Tongue.** Burning on the upper surface of the tongue, after dinner (first day),².—Drawing and itching in the tongue, extending to the throat, frequently, at 5 P.M. (fifteenth day),².—**General Mouth.** Offensive odor from the mouth, which she herself noticed; it is not dispelled by washing the mouth with water (fourteenth day),².—Offensive odor from the mouth, which she herself did not notice, in the morning (fourth day),².—Dryness, without taste, in the mouth, in the morning, after waking (seventeenth day),².—**Saliva.** [90.] Uprising of water into the mouth, during and after violent pain in the abdomen (seventeenth day),².—**Taste.** Bitterness in the mouth, in the morning, after waking, which disappears after some time (second day),².

Throat.—Yellow mucus collects in the throat, which causes hawking (first day),².—Severe burning in the throat, like a glow, from 6 to 8.30 P.M. (fourth day),².—Burning in the throat, like heartburn, during and between swallowing (seventeenth day),².—Pain in the throat when swallowing, as if sore, in the forenoon (nineteenth day),².—Rawsness in the throat, which compels her to cough, mostly in the forenoon, during menstruation,².—Scraping in the throat, causing hawking,².

Stomach.—Appetite and Thirst. In the evening she felt no appetite for warm food, and only relished bread (third day),².—Thirst, in the afternoon, for several days, during menstruation,².—[100.] *Thirst is so violent that she could not drink enough water, after dinner* (fourth day),².—Great thirst, in the afternoon, from 6 to 7,².—Great thirst and frequent urinating, day and night (fourth and fifth days),².—**Eructations and Hiccough.** It seems as though she would eructate, soon after taking,².—Eructations of a bitter-sour fluid after dinner, when stooping and rising up again (fifth day),².—Frequent eructations, tasting of the drug, and during them, sharp stitches in the left breast (eleventh day),².—Frequent empty eructations, also tasting of the drug,².—Frequent eructations tasting of the food, every time after eating,².—Frequent eructations of a very bitter taste, like wormwood, in the evening, and also once in the night (first day),².—Hiccough,².—**Nausea.** [110.] Nausea in the stomach, and sensation of sudden rising up of water (twentieth day),².—Food relished well, but nausea followed and lasted an hour (third day),².—Transient nausea, with profuse spitting of water (eighteenth day),².—Continual nausea in the stomach, relieved after eructations,².—Nausea and qualmishness in the stomach, though not to vomiting,².—Nausea and qualmishness in the stomach, after supper, lasting an hour,².—Nausea and qualmishness on returning into the room, after urinating, lasting one minute (first day),².—Inclination to vomit, at 5 P.M., followed by vomiting of whitish mucus with a bitter bilious taste, smelling like rhubarb, then aversion to all food for two hours, chilliness (twelfth day),².—**Stomach.** Sensation in the stomach as though it would go to sleep,¹.—Uncomfortable sensation in the stomach, as if empty, in the morning, after waking, relieved after taking soup, during menstruation,².—[120.] Pain in the stomach, nausea, as if she would vomit, towards evening, relieved by eating soup,².—Cold sensation in the stomach, soon after taking it,².—Such great fulness in the stomach and chest that breathing was rendered difficult, from 6 till 9 P.M.; this became worse after lying down, es-

pecially if she lay upon the right side, and still worse if she lay upon the back; it was relieved by lying upon the left side; accompanied by sensation of constriction in the throat (fifteenth day),².—Tension and heaviness in the stomach,¹.—Gripping in the stomach,¹.—Cutting pain about the stomach and both hypochondria, in the morning in bed, which disappears after continued motion (third day),².—Twinging or biting here and there in the stomach, at 5 and 8 P.M. (seventh day),².—Twinging in the stomach, with contractive pain beneath the sternum,¹.—Pain, as from an ulcer, and a sensation of contraction in the pit of the stomach, while sitting and walking (sixth day),².

Abdomen.—Pressure in the hepatic region, from within outward,¹.—**[130.]** Sharp stitches in the right hypochondriac region, without affecting the breathing, in the morning, while sitting (fourth day),².—**Umbilical and Flank.** Cuttings in the navel (third day),².—Twinging and movings about, first about the navel, then in the groin, then in the small of the back, at noon, especially while eating; it was very painful, so that she cried; frequently somewhat relieved, but not entirely disappearing (second day),².—Pressure in the left flank, when walking,¹.—**General Abdomen.** Distension of the abdomen, with inclination to stool, followed by passage of flatus, with tearing headache (second day),².—Great distension of the abdomen, without passage of flatus, in the afternoon (fifth day),².—Painful distension of the abdomen, relieved by applications of warm cloths (seventeenth day),².—At first, movings about in the abdomen, without pain, then crawling in the stomach, as from a worm, in the forenoon (second day),².—Almost constant rollings about in the abdomen, with frequent passage of flatus, day and night (first day),².—Violent rolling about the whole abdomen, as if she would have an evacuation, at night, followed by evacuation of semifluid feces of an intolerable odor, with much offensive flatulence (first day),².—**[140.]** Frequent passage of flatus with constant accumulation of it, in the afternoon (sixth day),².—Flatulence also is passed after the stool,².—Pain in the abdomen relieved by warmth, pressing upon and bending the body,².—Pain in the left side of the abdomen,¹.—Violent pain in the bowels, arresting breathing, with yawning; it was immediately relieved by a dose of Camphor,².—The abdomen feels full and distended,¹.—In the evening, after eating soup, the abdomen feels full, as if it would burst, disappearing in an hour (fifth day),².—Cutting pain in the whole abdomen, with audible and painful rumblings, followed by two evacuations, and after them severe burning in the anus (fourth day),².—Piercing pain in the abdomen, with rolling about, frequently intermitting, with chilliness, from 11 A.M. to 4 P.M. (third day),².—Sticking pain in the abdomen, above the hips, extending up both sides into the spine; on several places above the hip, pain as if stuck with needles, on deep inspiration,¹.—**[150.]** Stitches, as with knives, towards each other in the abdomen, relieved by pressure and warmth, in the afternoon and at 10 P.M. (sixteenth day),².—Twingings, now here, now there, in the abdomen, as if flatus would pass, which, however, does not, from 6 to 7 P.M. (sixth day),².—Twinging in the whole abdomen, with accumulation of water in the mouth, after 5 A.M. (fourteenth day),².—Twingings in the abdomen, with desire for stool, but only flatulence passes, in the evening (ninth day),².—When walking, twingings and movings about in the abdomen, followed by two evacuations, and afterwards frightful burning in the anus (third day),².—Sore pain internally in the whole abdomen, relieved by pressure, during menstruation (nineteenth day),².—**Hypogastrium and Iliac Region.** Pres-

sure in the lower abdomen, as if to stool, but none followed (eighth day),².—Dragging in both groins, with aching in the abdomen and inclination to stool, which afterwards results, in the afternoon, during menstruation (fourteenth day),².—Stitch in the left groin, which makes her start, in the evening (fifth day),².

Rectum and Anus.—Painful sticking in the anus, before the stool, the pain extending forward to the pudenda, with sensation as if it was caused by flatulence,¹.—[160.] She must hurry to stool; she had scarcely time to get ready, in the morning (second day),².—She was driven to stool with the greatest haste, and afterwards it seemed like a violent sticking from the anus forward to the pudenda, which was very painful (after half an hour),².

Stool.—Diarrhœa. Diarrhœa, in the evening, with chilliness and yawning (twelfth day),².—Two evacuations in the forenoon, the last time consisting of pieces of clotted blood, though without pain in the abdomen (fifth day),².—Two stools in succession, in the evening, with dragging in the groin, preceded by griping in the abdomen (second day),³.—One evacuation, with bloody mucus, though without pain (fifth day),².—Passage of whitish water every time, with burning in the anus, without tenesmus, five times in succession; with the last passage, sensation as if the tendons in the bend of the knee were drawn, which disappeared after rising from sitting (seventeenth day),².—Stool consisting of greenish mucus, which seemed to burn one,².—Passage of burning mucus, preceded by twinges in the abdomen (thirteenth day),².—Solid stool, with burning and urging (eighth day),².—[170.] Solid stool, followed by burning in the anus,².—Stool, first part solid, the rest soft (sixth day),².—**Constipation.** Stool seldom and hard (eighth day),².

Urinary Organs.—Burning during and after urinating, in the evening (eighth day),².—She urinates frequently, a little at a time (ninth day),².—Urine diminished (sixth day),².—Urine diminished; she passes it more seldom than usual (fourth day),².—Urine diminished, with some burning (fourteenth day),².

Sexual Organs.—Profuse watery leucorrhœa (fourth day),².—Thick leucorrhœa (sixth and seventh days),².—[180.] Burning leucorrhœa (fifth and sixth days),².—Menstruation one day too soon, in a maid whose menstruation was not easily disordered,².—Menstruation one day too soon, with pain in the abdomen and small of the back (twelfth day),².—Menstruation six days too early,².—Menstruation, which had ceased the previous day, returned after two doses, and continued for one day,².

Respiratory Organs.—Hoarse, so that she was obliged to hawk frequently, without being able to loosen anything (seventh day),².—Hoarseness, without cough, in the morning, passing away during the day (eighth and ninth days),².—Cough at night, with burning in the throat during cough (fifteenth day),².—Frequent slow, deep inspiration, with short expiration,¹.—Shortness of the breath when walking, especially up a hill,².—[190.] Shortness of the breath, and, on breathing deeply, stitches in the middle of the chest, when walking and sitting, from 12 at night till 9 A.M. (third day),².—Difficult breathing, in short gasps, with frequent slow, deep inspiration,¹.

Chest.—Heat in the chest, as if fire was burning in it,¹.—Spasmodic pain across the chest,¹.—Pressure, as from a great weight, on the middle of the chest, internally, in the forenoon, while sitting, lasting one minute (third day),².—Sudden twinging in both breasts, with chilliness, so that it

took away her breath, lasting five minutes, frequently intermitting, at 8 P.M. (sixth day),².—**Front.** Sensation of internal heat under the sternum,¹.—Pressure on both sides of the sternum, especially during expiration,¹.—Sensation beneath the breast-bone as if something heavy were lying under it; on deep breathing, it feels as heavy as a hundredweight on the chest, though only transiently (fourth day),².—Pain on touch under the sternum,¹.—**Sides.** [200.] Pain, like stitches beneath the right breast, without affecting the respiration,².—Several sharp stitches in the lower part of the left breast, so that it takes away her breath,².—Some sharp stitches beneath the left breast, in the forepart, near the pit of the stomach, after a few paroxysms of coughing (first day),².

Neck and Back.—**Neck.** Sensation of stiffness in the neck and throat, on moving the head, in the afternoon and evening (seventh day),².—Drawings in the tendons of the neck, during rest and motion, at 7 P.M. (seventeenth day),².—Severe drawings in the tendons of the neck, on moving the head, in the forenoon (eleventh day),².—**Dorsal.** Twitchings in the right shoulder-blade, as if one touched it with the finger (thirteenth day),².—Severe sharp stitches in the left shoulder-blade, towards its external border (first day),².—Very sudden painful stitches in the left shoulder-blade, extending towards the shoulder (first day),².—Sharp stitches between the shoulders, through the chest, into the pit of the stomach, worse on inspiration (for half an hour), and returning after one hour,².—[210.] Sticking-burning in the right side of the spine, behind the lowest ribs, and immediately afterwards the same sensations farther forward, in the afternoon, while sitting (third day),².—**Sacral.** Sensation of painful tension in the sacrum, on stretching (twentieth day),².—Pain in the sacrum and back, as if sore, during rest and motion, in the afternoon (fourteenth day),².—Pain in the sacrum, as if beaten, day and night, during menstruation,².—A sore pain, as if from a fresh wound, in the loins, above the left hip-bone,¹.

Extremities in General.—Twitchings, now here, now there, in the hands, arms, feet, and soles (thirteenth day),².—Twitchings in the arms and legs, after sleeping, in the evening, on account of which she was frequently awakened (fifteenth day),².—As soon as she got into bed, violent pain in the right shoulder, extending to the elbow, and in the right knee, disappearing for some time upon pressure and rubbing, for several nights (eleventh day),².—Frequent tearings in both shoulders and in the thighs, above the knees (seventh day),².

Superior Extremities.—**Shoulder.** Pain in the right shoulder, as from a heavy weight,¹.—[220.] Tearing in the lower portion of the anterior surface of the right shoulder, extending into the shoulder-joint, not aggravated by motion, with bruised pain after pressure (third day),².—Severe tearings in the right shoulder-joint, extending thence down the bone into the elbow-joint, before midnight, lasting till midnight, in bed (sixth day),².—**Arm.** Painful twitching on the inner surface of the left upper arm, afterwards also in the right upper arm, at 9 P.M. (fourteenth day),².—Tearing extending from the middle of the right upper arm to the middle of the forearm,².—Tearings in the upper arms, on lying upon them, disappearing on lying on the sound side (fourteenth night),².—Severe tearing in the upper arm prevented sleep (eleventh night),².—**Elbow.** Tearing pain in the right elbow, during rest (fourth day),².—Twitching-tearing in the condyles of the elbows,².—**Forearm.** A twitching or jerking in the right forearm, followed by sticking in the left lowest ribs, when sneezing (four-

teenth day),².—Sharp stitch in the right forearm, on the inner surface, just above the wrist,².—[230.] Tearing in the left forearm, about the inner surface of the wrist-joint (seventh day),².—*Hand*. Some stitches, as with needles, in the hollow of the right hand, near the ball of the thumb (first day),².—Tearing in the outer border of the right hand (eleventh day),².—*Fingers*. Sharp stitches in the right thumb, between the second and last joints (third day),².—Some fine stitches in the ball of the right thumb, then in the tips of the right index and middle fingers, at 9 P.M. (third day),².—Painful tearing in the first joint of the thumb (first day),².

Inferior Extremities.—Weariness of the lower limbs, during the whole proving,².—*Hip*. Intermitting fine stitches in the left hip, in the afternoon (first day),².—*Thigh*. Weary pain in the middle of the thigh, and afterwards in the whole limb, during menstruation (nineteenth day),².—*Knee*. Tearing on the inner surface of both knees, during rest, somewhat relieved by walking, but disappearing on rubbing, frequently in the afternoon (third day),².—[240.] Severe tearing in both knees, in the afternoon, which frequently intermitted, lasting till 12 at night, and only relieved for a short time by rubbing (sixth day),².—*Leg*. Tearing on the outer surface of the right lower leg, in the forenoon (seventh day),².—Severe tearings on the inner surface of the right leg, disappearing on rubbing, but not on motion, at evening (first day),².—Drawings in the calves, and a sensation of fatigue on motion, more in the afternoon,².—Drawing and crawling in both calves, when sitting, disappearing on rubbing,².—Tearing in both calves, relieved by rubbing at 5 P.M. (fourteenth day),².—*Foot*. Weariness in the feet, pain in the small of the back, pressure in the vertex and forehead, during menstruation,².—Painful tearing in the right instep, when sitting (fifth day),².—Sore pain in the bottom of the heel, relieved by pressure, so severe that it woke her from sleep, at 4 A.M., and lasted half an hour (thirteenth day),².—*Toes*. Stitches, as with needles, and crawling in the right great toe, at 5 P.M. (fourteenth day),².

General Symptoms.—[250.] Prostration after dinner, and an annoying sensation in the stomach, as if it were full, as though she had eaten too much,².—Internal restlessness, anxious tossing about in bed, and frequent waking,².

Skin.—Itching on the left concha, not relieved by scratching (fifth day),².

Sleep and Dreams.—*Sleepiness*. Frequent yawning, during shivering (third day),².—Sleepy, the eyes will close, relieved in the open air, at 2 P.M.,².—*Sleeplessness*. Night very restless, without any known cause (fifteenth and sixteenth days),².—Very uneasy during the first sleep, from 7 to 9 P.M., she woke frequently, and only had sound sleep towards morning, but after waking she was very fretful and peevish (twelfth day),².—Uneasy sleep, entirely sleepless, especially towards morning (eighth day),².—Could not sleep long in the evening, sleep very restless (sixth day),².—Startings and jumpings in sleep, after midnight, from which she woke anxious, but soon fell asleep again (sixteenth and seventeenth nights),².—[260.] Sleep frequently interrupted by toothache,².—Unintelligible talking during sleep (fourth day),².—She cried out at night, in an angry tone, that she must be waked, during menstruation,².—*Dreams*. Dream that the left arm was covered with burning blisters, the pain of which woke her; the arm continued to burn even the whole following forenoon (eleventh day),².—Dreams of quarrels between near relations, during

menstruation (fourteenth day),².—Dream of robbers and murderers, who attacked her and her mother; she cried out and awoke (fourth day),².—Dream that her parents were dead, on account of which she was very much alarmed (thirteenth night),².—Dream that she would kill her father; she tried to cry out, but could not, on account of which she was very oppressed; a kind of nightmare,².

Fever.—**Chilliness.** Shivering at 5 A.M. in bed, relieved by warm covering,².—Sudden shaking, with attacks of icy coldness in the back, in the afternoon (third day),².—[270.] Chilliness and ill-humor, the whole afternoon and evening (fourth day),².—Chilliness at night; it was with difficulty that she could get warm,².—Constant chilliness during menstruation, though she was easily warmed again by the stove,².—Chill at 5 P.M., so violent that she was obliged to lie down, when it disappeared after half an hour (twelfth day),².—Chill at 5 P.M., with shivering and inclination to lie down, when it disappeared, after a quarter of an hour (tenth day),².—Chill from 7 to 8 P.M., especially in the back, without thirst, not relieved by warmth of the stove, disappearing after lying down (sixth day),².—Chill at 9 P.M., which was not relieved by the warmth of the stove; she was obliged to lie down, but the chill lasted till morning (eleventh day),².—Chill at 9.30 P.M., with shivering of the body, especially in the back, where the chill commences, not relieved by the warmth of the stove (twelfth day),².—Chill during and preceding the pains (second day),².—After the chill, neither heat nor thirst,².—[280.] Violent shaking chill, relieved by the warmth of the stove, and when it returned relieved entirely after lying down, without thirst, from 7.30 to 8.30 P.M. (first day),².—Chill and shivering, relieved by the warmth of the stove (sixth day),².—Shivering over the whole back, then in the vertex and forehead, like a drawing together, disappearing on touch, at 3 P.M. (third day),².—Shivering stops for five minutes and then returns; it extends only to the elbows and feet; chill after the shivering (third day),².—Chilliness in the back, as if one had wiped her with a cold wet cloth, in the afternoon, disappearing after lying down (first day),².—**Heat.** Sensation of heat during the whole proving, without thirst,².—Heat after lying down in the evening, and lasting the whole night,².—Heat in the hands, with distended veins,¹.—**Sweat.** Sweat from 2 to 4 A.M., without marked exhaustion afterwards (tenth day),².—Profuse sweat from midnight till 2 A.M., then only moderate warmth till morning,².

Conditions.—**Aggravation.**—(*Morning*), After rising, heaviness in the head; 10 o'clock, stitches behind frontal eminence; odor from mouth; after waking, dryness in mouth; after waking, bitterness in mouth; during menstruation after waking, sensation in stomach; in bed, pain about stomach, etc.; while sitting, stitches in hypochondriac region; must hurry to stool; hoarseness; at 5 o'clock, in bed, shivering.—(*Forenoon*), At 10 o'clock, stitches behind frontal eminence; stitches on right side of head; tearing on tip of ear; sounds in ear; pain in throat; rawness in throat; moving about in abdomen, etc.; two evacuations; pressure on chest; drawings in tendons of neck; tearing on right leg.—(*Noon*), Especially while eating, twitching, etc., about navel, etc.—(*Afternoon*), Sad, etc.; melancholy, etc.; despondent, etc.; stitches in parietal bone; twitching in occiput; while standing, pains on side of occiput; eyes burn, etc.; biting in inner canthus; tearing in right concha, etc.; at 6 o'clock, twitching in lower lip, etc.; tearing in lower jaw, etc.; on eating, toothache; at 5 o'clock, toothache in right side; something acid from tooth; *pains in back*

teeth; at 5 o'clock, drawing, etc., in tongue; during menstruation, thirst; from 6 to 7 o'clock, great thirst; distension of abdomen; passage of flatus, etc.; from 11 to 4 o'clock, pain in abdomen; stitches in abdomen; from 6 to 7 o'clock, twinging in abdomen; during menstruation, dragging in groins, etc.; stiffness, in neck, etc.; while sitting, burning in spine; pain in sacrum, etc.; tearing in knees; drawing in calves, etc.; shaking; chilliness, etc.; at 5 o'clock, chill, etc.; chill in back.—(*Toward evening*), Pain in stomach.—(*Evening*), Pressure in forehead; beating, etc., in forehead; during menstruation, headache, etc.; at 6 o'clock, tearing, etc., in forehead; beating, etc., in forehead; tearing in temples, etc.; while walking, tearing in the side of the head; by the light, burning of the eyes; when looking sharply at work, inclination to strain vision; at 8 o'clock, tearing in teeth; pain in back tooth; 6 to 8.30 o'clock, burning in throat; no appetite for warm food; eructations; after eating soup, abdomen feels full; twinging in abdomen; stitch in left groin; diarrhœa; two stools, etc.; during and after urinating, burning in urethra; stiffness in neck, etc.; tearing in right leg; chilliness, etc.; from 7 to 8 o'clock, chill; after lying down, heat.—(*Night*), Anxious; at 10 o'clock, stitches in abdomen; cough; on getting into bed, pain in shoulder; chilliness; chill.—(*Before midnight*), In bed, tearings in shoulder-joint.—(*After midnight*), Waking, from fright; startings, etc., in sleep.—(*Toward morning*), Uneasy sleep.—(*Air*), Pain in teeth.—(*In open air*), Pain in teeth.—(*Ascending a hill*), Shortness of breath.—(*Cold*), Tearing in eyetooth.—(*After dinner*), Pain in head, etc.; heaviness, etc., in vertex; burning on the tongue; *thirst*; when stooping and rising up again, eructations; prostration, etc.—(*After eating*), Eructations.—(*Expiration*), Pressure on both sides of sternum.—(*Inspiration*), Stitches between shoulders.—(*Deep inspiration*), Pain in abdomen.—(*Lying down*), Especially on right side, and still worse if she lies on back, fulness in stomach, etc.—(*During menstruation*), Fretful, etc.; twitching in temple; biting in eye; looks pale, etc.; as soon as she begins to eat, toothache; rawness in throat; pain in abdomen; pain in sacrum; pain in thigh, etc.; weariness in feet, etc.; cried out at night, etc.; dreams; chilliness.—(*Pressure*), Headache on vertex.—(*During rest*), Tearing on knees.—(*When sneezing*), Twitching in right forearm.—(*After supper*), Nausea, etc.—(*Sitting*), Tearing in forehead, etc.; throbbing in occiput; drawing, etc., in both calves; tearing in right instep.—(*Standing*), After dinner, throbbing in right temple.—(*On stretching*), Sensation in sacrum.—(*Touch*), Pain in back teeth.—(*After urinating*), Nausea, etc.—(*After a vexation*), Pain in head, etc.—(*After waking*), Fretful, etc.—(*When walking*), Pressure in left flank.

Amelioration.—(*Toward evening*), Lively.—(*Open air*), Tearing from temples; sleepiness.—(*In bed*), Tearing, etc., in forehead disappears.—(*Bending body*), Pain in abdomen.—(*Boring in ear*), Roaring, etc., in ear.—(*Eructation*), Nausea.—(*After lying down*), Chilliness in back disappears.—(*Lying on left side*), Fulness in stomach, etc.—(*Pressure*), Tearing from temples; pain in abdomen; stitches in abdomen; pain in heel.—(*Rubbing*), Tearings in right leg; tearing in calves.—(*Taking soup*), Sensation in stomach; pain in stomach, etc.—(*On touch*), Shivering disappears.—(*Warmth*), Pain in abdomen; stitches in abdomen.—(*Application of warm cloths*), Distension of abdomen.—(*Warm water*), Toothache.

CAULOPHYLLUM.

Caulophyllum thalictroides. Michaux. *Nat. order*, Berberidaceæ. *Common name*, Blue Cohosh.

Preparation, Trituration and tincture of the root.

Authority. Dr. Burt (Hale's New Remedies, 2d ed., p. 171), proving with, first day, 10 grains of the "pure resinoid;" second day, 15 grains and 30 grains; third day, 50 grains and 75 grains.

Head.—Dulness of the head (third day).—Frequent spells of vertigo (third day).—Dull headache (second day).—Slight frontal headache (second and third days).—Severe frontal headache (after five hours).—Dull frontal headache (second day).—Dull frontal headache, with a contracted feeling of the skin of the forehead (after two hours).—Very hard dull frontal headache (after two hours).—Very hard pains in the forehead, with a sensation as of needles being stuck into the forehead (after one-and-forty hours).—[10.] By spells there is a very severe pain in the temples that produces a feeling as if both temples would be crushed together (second day).

Eye.—Severe drawing pains over the left eye (second day).—Eyes aching, with a feeling of something under the lids (third day).—Profuse secretion of tears (third day).—Profuse flow of tears (second day).

Nose.—Drawing pains in the nose (second day).

Mouth.—Teeth all feeling sore and elongated (third day).—Tongue coated white (fourth day).

Throat.—Distress in the fauces, that causes frequent inclination to swallow (after two hours).

Stomach.—Canine hunger (fourth day).—Wants to drink a great deal of water (fourth day).—[20.] Empty eructations (third day).—Frequent gulping up of very sour, bitter fluid (third day).—Distress in the stomach and bowels, with drawing pains in the right hypochondrium (second day).—Slight distress in the stomach (third day).—Good deal of distress in the stomach and small intestines (second day).—Good deal of pain and distress in the stomach and umbilicus (second day).—Slight burning distress in the stomach (third day).—Frequent slight colicky pain in the stomach and umbilicus (second day).

Abdomen.—Drawing pains in the right side over the liver (second day).—Frequent slight pain in the umbilicus (fourth day).—[30.] Slight dull pain in the umbilicus when moving, relieved by emissions of flatus (third day).—Frequent colicky pains in the umbilicus, relieved by emissions of flatus (second day).—Severe colicky pains every few minutes in the umbilicus (after five hours).—Slept well until 1 A.M., then awoke with a great rumbling in the bowels, and a very urgent desire for stool (third night).

Stool.—Natural but hard stool (third day).—Natural but dark stool (second day).—Soft stool, very white (fifth day, 7 A.M.).—Another rather soft stool, followed by slight pain in the umbilicus (third day).—Stool mostly of water, that ran a perfect stream from my bowels; passed a great quantity. There was no pain (third night, 1 A.M.).

Sexual Organs.—Every few minutes, sharp, stinging pain in the glans penis (after two hours).

Neck and Back.—[40.] Very severe drawing pain in the sterno-cleido-mastoid muscle, that draws the head to the left side (after five hours).—Slight backache (fourth day).—Dull backache (after five hours).—Slight

dull backache (second day).—Dull pains in the lumbar region (second day).—Dull backache in the lumbar region (after two hours).

Extremities in General.—**Constant flying pains in the arms and legs, first in one part and then in another, remaining only two or three minutes at a time in a place* (after two hours).—**Restless night; fingers, ankles, feet, and toes pained so much* (fourth night).—Drawing pains in the fingers, legs, and feet (second day).—Drawing pains in the elbows, wrists, fingers, knees, ankles, feet, and toes (fourth day).—[50.] **Drawing pains in the fingers, ankles, feet, and toes, but more especially in the toes* (third day).—Slight drawing pains in the wrists and fingers, ankles, feet, and toes (third day).—Severe drawing pains in the joints of the arms and legs (after five hours).—Severe drawing pains in hips, knees, ankles and feet, wrists and fingers (second day).—Constant and severe drawing pains in the wrists and fingers, ankles, feet, and toes (second day).

Superior Extremities.—Elbows and wrists ache (after two hours).—**Severe pain in the wrists and joints of fingers* (second day).—**Fingers are quite stiff* (fourth day).—**Fingers are very stiff* (fourth night).—Drawing pains in the fingers (second day).—[60.] Much pain in the joints of the fingers; they look red and are very stiff; closing the hand is very painful (third day).—Shutting the hand produced severe cutting pains in the second joints of all the fingers; they were very stiff (second day).

Inferior Extremities.—All the joints crack frequently when walking or turning (fourth day).—Drawing pains in the thighs, knees, legs, and ankles (after two hours).—*Severe* drawing pains in the inside of the left thigh (after two hours).—Feeling quite well, excepting the knees are quite weak when walking (third day).—Very sharp pains in the left knee-joint, inside (after two hours).—Knees feeling very weak when walking (third day).—Drawing pains in the knees and toes, very sharp by spells (third day).—**Drawing pains in the knees, ankles, feet and toes* (third day).—[70.] Severe drawing pains in the legs and feet, but more especially in the feet (second day).—The left ankle pains very severely (second day).—The ankle and toes of the left foot are very painful (after five hours).—Severe drawing pains in the ankles and feet (second day).—The pains are very severe in the feet (second day).—Walking produces severe pain in the metatarsal bones (third day).—**Drawing pains in the toes* (fourth day).

General Symptoms.—Feeling weak and nervous (third day).

Sleep and Dreams.—Had a restless night (second night).—Slept well until 3 A.M., after which he was restless (first night).

Fever.—[80.] Skin was hot and dry (second day).

Conditions.—**Aggravation.**—(After 3 A.M.), *Restless.*—(Evening), *The symptoms.*—(Open air), *The symptoms.*—(Coffee), Seems to aggravate. —(Walking), Pains in metatarsal bones.

Amelioration.—(Emission of flatus), Pains in umbilicus.—(In room), Troubles which arise in the open air disappear, except pressure in forehead.

CAUSTICUM.

“Tinctura acris sine Kali.”

Preparation. Distil a mixture of slaked lime and a solution of Potassium sulphate according to directions given in the Homœopathic Dispensatory. The distillate contains Potassium hydrate, but no lime nor Sulphuric acid. Some effects of Caustic potash (Kali causticum, Potassium hydrate) are here included.

Authorities. 1, Hahnemann, Ch. Kr., 3, 85; 2, Becher, *ibid.*; 3, Franz, *ibid.*; 4, Hartmann, *ibid.*; 5, Herrmann, *ibid.*; 6, Hornburg, *ibid.*; 7, Langhammer, *ibid.*; 8, N-g, *ibid.* (and compared with Hartlaub and Trinks, R. Aml., 2 and 3); 9, Rummel, *ibid.*; 10, Stapf, *ibid.*; 11, Knorre, A. H. Z., 6, 37, fragment, proving; 12, Berridge, fragment, proving, N. Am. J. of Hom., N. S., 3, 499, effects of one dose of the 6000th (Jenichen) observed on a patient; 13, Dr. Pallas, Rec. de Mem. de Med., 1825 (Frank's Mag., 3, 807), a girl, aged 9, drank three swallows of a solution of a pound of potash in a quart of water; 14, Prof. Parkes, B. and F. Med. Chir. Rev., 1853 (Am. J. of Med. Sci., 1853, p. 453), effects of liquor potassæ, "especially on the urine."

Mind.—Emotional. When she closes the eyes she sees only terrible visions and distorted human faces,¹.—Lively, joyous mood, first twelve hours, rapid flow of ideas;† but after twenty-one hours (in the morning after waking and through the whole forenoon), anxious trembling, sleepy confusion of the head, heavy pressure in the occiput and forehead, with heaviness of the limbs, constant pain in the joints and muscles of the fingers, arms, shoulders, knees, and feet,¹⁰.—Lively disposition the whole day, contented with himself and very talkative; he constantly wished to talk with some one (curative action),⁷.—Good-humored and talkative, in the forenoon,⁸.—The child whines about every trifle,¹.—Although disputes (*e. g.*, political) were brought to him, still he remained quite calm, though, indeed, he felt sensitive, yet he avoided speaking of it, and subdued his emotions (curative action), (the first hours),¹⁰.—**Melancholy mood*,¹.—**Melancholy before menstruation, as if everything was of a dark color*,¹.—Sad, weeping mood, full of care, as if beside oneself,¹.—[10.] Sad and somewhat anxious mood,¹.—Excessively sympathetic; she is beside herself, with weeping and sobbing, and cannot be contented when listening to accounts of the hardships of others,¹.—Anxiety the whole day, as if he had done something bad, or apprehended it, or as if he had been unfortunate,⁷.—Anxiety in the morning on waking,¹.—*Anxiety in the evening before going to sleep; the boy could not fall asleep because he constantly thought of anxious things; one could with difficulty induce him to go to bed in the evening*,¹.—*Anxiety and uneasiness at night did not permit her to sleep (twentieth day)*,¹.—Anxiety after the stool,¹.—*Anxiety after the stool*, heat in the face, and inclination to sweat,¹.—Anxiety with the physical troubles,¹.—Great anxiety throughout the day (thirteenth day),¹.—[20.] *The greatest anxiety for twelve hours*,¹.—Anxious mood, as if stupefied (soon after taking),⁸.—**Anxious uneasy mood, as if something unpleasant impended; this unfits him for every work*,².—Anxious solicitude about every occurrence,¹.—Anxious apprehension lest something evil should happen, with urging to stool,¹.—Constantly anxious and sweaty (second day),⁵.—He was busy with thoughts of death, with uneasiness and great solicitude,¹.—Loss of courage,¹.—Fear and anxiety, so that she does not wish to live,¹.—Fearfulness at night,¹.—[30.] Extremely anxious fearfulness; was so anxious about a dog near by, which did not hurt her, that her whole body trembled; every noise in the street made her apprehensive; and if she saw boys climbing she was in the greatest uneasiness lest they should be harmed,¹.—**Great apprehension whenever anything happens; despondent, depressed, most excessive exhaustion and prostration*,⁹.—*Full of frightful ideas, in the evening*,¹.—Sensitive and inclined to be angry,

† This seemed to be the curative action in one whose previous condition of disposition and mind had been the opposite. H.

with great nervous irritability, together with slight chilliness, and on motion easily heated,¹.—Very sensitive, hot-headed, and vehement,¹.—Irritable about trifles,¹.—Extreme irritability of mind; the slightest vexation affects her whole body, so that her knees sink under her,¹.—Unbounded inclination to be out of humor,¹.—Out of humor and irritable (after four days),¹.—During menstruation ill humor and great weariness,¹.—[40.] Discontented with herself, with gloomy looks,¹.—*Peevish, irritable mood*,⁹.—Peevish, weeping mood,¹.—Peevish, irritable, takes no pleasure in music,¹.—*Very peevish (after forty-eight hours),¹.—**Fretful*,⁶.—*Fretful and despondent*, without being vexed (first day),¹.—Fretful the whole day; everything which surrounded him made a disagreeable impression upon him,⁷.—Fretful the whole day, out of humor with himself, discontented, solicitous, and yet not disinclined to mental labor,⁷.—Fretful, still, and absorbed in himself, though previously he had been very lively, lasting half an hour (immediately after taking),⁸.—[50.] Very fretful and indolent,¹.—Contradictory,¹.—Furiously opinionated and quarrelsome,¹.—Inclined to scold and make a disturbance, without being peevish,³.—Inclined to scold and quarrel, with sullen mood,⁶.—Quarrelsome (after a quarter of an hour),¹.—He becomes easily violent after the midday sleep, with great despondency,¹.—*Persistent silence, difficult to overcome*, remained after the poisoning,¹³.—Long morose silence (after six hours),⁶.—At one time excessively merry, at another depressed,¹.—[60.] Sometimes joyful, and soon afterwards peevish,¹.—*Intellectual*. Weakness of thought; slow succession of ideas,³.—*Absence of mind*, with loss of ideas,³.—A kind of loss of ideas; if he was doing anything it constantly seemed to him that he had something more important to do, although he did not know what; he reflected about it, but without thinking of anything,³.—*Disinclined to work* (after ten and twenty hours),¹.—Disinclined to pay attention,³.—Momentary absence of mind; he seemed to be thinking of something, but without having any thoughts (after half an hour),³.—*Inattentive and distracted*,¹.—*Weakness of memory*,¹.—He frequently pronounces words wrongly and confuses syllables and letters (e. g., “cluent foryza”), for several days,⁹.—[70.] Coma,⁶.

Head.—Confusion. Confusion of the head, the whole day from the morning, as if in a close room where clothes were washed and dried; aggravated by stooping, not relieved by walking in the open air, but on returning into the room,¹.—Confusion of the head in the morning, with coryza,¹.—Confusion and heat of the head (seventh day),¹.—A momentary (painful, tensive) confusion of the head; almost like a slight throbbing headache, disappearing after eating,¹⁰.—Cloudiness of the head,¹.—Feeling of stupefaction and drunkenness of the head (after twenty-four hours),¹.—Stupid feeling in the head the day after an emission,¹.—The head feels dull and screwed together (after half an hour),⁹.—The head feels dull and as if intoxicated, with redness of the face (after half an hour),⁸.—**Vertigo.** [80.] Vertigo, as from spirituous drinks,⁶.—**Vertigo, forwards and sideways*,¹.—Vertigo, in the morning on rising from bed,¹.—**Vertigo at night in bed, on rising, and lying down again*,¹.—Vertigo in the open air; everything turned about with her; persons seemed larger than usual to her; it disappears in the room,⁸.—**During menstruation vertigo and whirling in the head, worse on stooping; relieved in the afternoon*,¹⁰.—**Vertigo on looking fixedly at one point*,¹.—Vertigo on looking up (to a high tower), so violent that he fell over,⁹.—Vertigo, almost like a loss of consciousness, after walking; while sitting, he nearly fell,¹.—Vertigo, when standing,¹.—[90.] Vertigo, reeling, with heaviness of the head, while standing and sitting,¹.—Vertigo on stooping, which

disappears on rising up, in the morning (second day),⁸.—*Vertigo, relieved in the open air,¹⁰.—Vertigo, with weakness of the head,¹.—Vertigo, and falling down without cause,⁹.—Momentary vertigo while sitting, as if he would stagger (after three hours and a half),¹⁰.—Dizziness of the head,¹⁰.—Dizziness of the head, with anxiety of the whole body,⁸.—*Dizzy the whole week, as from compression of the head*,¹.—Dizzy in the morning, with painful confusion of the head,¹⁰.—[100.] Feels drunken and dizzy, with distraction of thought,¹.—**General Head.** Involuntary nodding with the head, just as if some one pressed it down (while writing),³.—Rush of blood to the head, with heat in it,¹.—Rush of blood to the head, and a sensation as if intoxicated, relieved in the open air (after a quarter of an hour),⁸.—Rushing of blood into the head, in the evening,¹.—After walking in the open air a little, the blood rushes to the head and face; it becomes dim like a cloud before the eyes,¹.—Sensation as if the brain were loose and shaken, when walking in the open air,¹.—Stitches in the head, with warmth in it,⁸.—Tearing in the head, neither aggravated nor relieved by motion, lasting several days, more or less severe,¹.—A sticking-tearing in the head, which commences in the forehead and extends to the right side through the whole head,⁴.—[110.] Throbbing pain; very painful throbbing in the cerebral arteries,¹.—Jerkings and severe beatings in the head every minute, in all positions, during rest and motion,¹.—Headache at night, as if an ulcer were in it,¹.—A morning headache, which had existed a long time, disappears (curative action),⁸.—**Forehead.** Stupefying pain in the forehead, when sitting and reading, which was not relieved on walking or standing,⁷.—Headache, as if something were forced in between the frontal bone and the cerebrum, or as if the place behind the frontal bone were hollow,³.—The whole brain was painful on shaking the head,¹.—Warmth in the head internally, an hour after dinner,⁸.—Sensation of internal heat in the head, without external heat (after half an hour),⁸.—Sensation in the head as if everything would come out in front, on stooping,¹⁰.—[120.] Headache, with nausea,¹.—Compressive headache,⁶.—A jerking-pinching pain through the head,⁹.—*Painless digging in the whole head*,¹.—Pressive headache from all sides, with pinching in the ear and boring toothache,¹.—At times a pressure deep in the head, with heaviness of the head,¹.—Screwing in and heaviness of the head, relieved in the open air,⁸.—Sticking headache, more especially in the orbits, the whole night, not during the day,¹.—Stitchlike headache, in the morning on waking, and almost the whole day,¹.—Burning headache in the forehead, as if the forepart of the brain were inflamed, after returning into the room from the open air,².—[130.] Tension and warmth in the forehead and nose, with slight drawing in the eyes from time to time,¹.—Tensive and drawing headache between the eyes,¹.—Drawing in the left side of the forehead,¹.—*Pressive pain in the right frontal eminence*,¹.—Pressive pain from the forehead to the eyes,¹.—Painful pressive cutting in the upper part of the frontal bone immediately on moving the arms violently, while stooping,³.—Constrictive pressure in the forehead, in the open air, which constantly became more violent the faster he walked, and suddenly disappeared when stooping low down,³.—Sharp pressure in the left side of the forehead,³.—A painful drawing pressure in the forepart of the forehead,⁴.—Rather sharp frontal headache (after the large flow of urine),¹⁴.—[140.] A tensive stitching from the lower portion of the forehead to the upper part of the head (tenth day),¹.—Shifting slow stitches in the left side of the forehead above the eye,¹.—Twitching headache in the right side of the forehead and head,⁹.—Tearing pain in the middle of the fore-

head and in the cervical vertebræ, during the day in a heated room and in tobacco-smoking; and especially at night, when he was unable to sleep on account of it,¹.—Severe throbbing in the forehead for three days, several afternoons, with tension in the neck (after twelve days),¹.—A painful pressive throbbing in the forehead, as with a dull point,⁶.—Dull painful throbbing of the arteries of the head above the orbits,³.—**Temples.** Burning in the right temple and side of the forehead,⁸.—Tension in the right temple and in the eye, as if it were paralyzed,¹.—Violent drawing pain in the temple, gradually increasing to its highest, and then suddenly disappearing (after twenty-four hours),⁹.—[150.] Pressive headache on the upper margin of the temporal bone,³.—Pressive headache in the right temple,¹.—Pressing-out headache in the temples day and night, with nausea amounting to vomiting (ninth day),¹.—*Stitches in the temples*,¹.—Dull stitches in the left temporal bone, which always spreads in a circle, when the pain is relieved or disappears (ninth day),¹.—Painful tearing in the right temple,⁸.—Painful tearing in the left temple at 4 P.M.,⁸.—Throbbing headache in the right temple, on motion; when quiet it is only a pressive pain,¹.—**Vertex.** Burning in the vertex (after ten hours),⁸.—Frequently repeated cold burning in front of the vertex (after fourteen hours),⁸.—[160.] Frequent drawing in the left side of the top of the head,¹.—A sudden pressure, as from a sharp stone falling upon it, in the vertex, in the region of the coronal suture,⁶.—Pain in the top of the head, as if the brain were torn or shattered, especially in the morning on waking (after three hours),¹.—A sticking-tearing, extending into the left side of the vertex (sixth day),⁸.—**Throbbing in the vertex, mingled with stitches, by paroxysms*,¹.—Beating and throbbing in the whole vertex, as if everything would be forced out, in the morning after rising, lasting two hours (second day),⁸.—**Pain in a small spot on the vertex, as if bruised or beaten, only on touch*,¹.—Pain on the top of the head, on pressure or touch,¹.—**Parietals.** Tension in the left side of the head,¹.—Pressive pain in the right side of the head, extending into the eye,¹.—[170.] Pressive pain in the right parietal bone and both temples,¹.—Stitches in the right side of the head, for half an hour,¹.—Stitches in the left side of the head, several evenings,¹.—Tearing in the left side of the head, especially in the forehead and temple, which began in the evening and constantly increased, with swelling of the painful side (after sixteen days),¹.—Violent tearing in the left side of the head,⁸.—**Occiput.** Sensation in the occipital bone as if the part were numb, pithy, or dead (after a quarter of an hour),³.—Sudden pain in the occipital bone while sitting, as if something in the muscles had been displaced,⁸.—Drawing pain in the occiput,⁹.—Tensive headache arising from the nape of the neck (after twenty-four hours),¹.—Drawing pressure in the right side of the occiput and muscles of the neck, which was increased on rapid walking, arising in the open air,³.—[180.] Several stitches in the occiput, for half an hour,¹.—Throbbing pain on the right side of the occiput; on rubbing, it extends further upward towards the vertex, where it continues to pain for a long time, as if beaten (after one hour),⁸.—**External Head.** Falling out of the hair,¹.—Movement of the scalp towards the forehead (thirteenth day),¹.—Painfulness of the scalp when rubbed,¹.—Tearing-burning in the scalp in front of the vertex, in the evening (thirteenth day),⁸.—**Itching in the scalp*,¹.—**The skin of the head is tense*,¹.—Sensation of trembling or shaking in the skin of the right temple, which lasts till lying down; a peculiar sensation, but not painful,⁸.—Creeping sensation on the vertex,¹.—[190.] Itching on the forehead,¹.—Stinging-itching on various parts of the head, in the right and

left parietal bones, on the forehead, the right cheek, behind the left zygoma, extending towards the ear and upward to the temporal bone.³

Eye.—Inflammation of the eyes, with burning and pressing pain (fourth day).¹—Inflammation of the eyes, with pressure in them during the day, and agglutination in the morning.¹—Weakness of the eyes.¹—**Dry sensation in the eyes*, with pressure in them.¹⁰—*At first, dryness of the eyes in the morning, and stiffness*, followed by lachrymation.¹⁰—Heat in the eyes.¹—**Burning in the eyes*, without redness.¹—**Burning and dryness of the eyes*, from 4 P.M. till evening.⁸—[200.] **Burning and stinging, as with needles, in the eyes, with dryness and photophobia*, from 6 to 8 P.M.⁸—**Pressure in the eyes, as if sand were in them*.¹—Pressure in the eyes, as if they were pressed inwards and tried to come out.¹—Pressure in the right eye, as from a swelling of the lids, which are really red, with watery eyes.⁸—Pressure in the left eye, as if it would be pressed out.³—A very painful pressure in the eyes, in the morning, before he can open them; if he closes them again, the pain is relieved.¹—Internal pressure of the eye, as if it would be distended.³—*Pressive pain in the eye, increased by touch*.¹—Pressive pain over the right eye, as if the upper lid would be pressed down (after three-quarters of an hour).⁴—**A rubbing, as of sand in the eyes*.¹—[210.] Tearing and pressure in the eyes.¹—Biting in the eyes, as from salt.¹⁰—**Biting and pressure in the eyes, which seem heavy, with redness of the lids*.¹—**Itching of the eyes, especially in the lids*.³—Itching in the right eye, which disappears on rubbing, and is followed by lachrymation.⁸—Itching in the left eye, which disappears on rubbing (half an hour after dinner).⁸—**Orbit and Brow.** Twitching in the left eyebrow (second day).¹—Drawing in the arch of the right eyebrow.¹—Pressure in the orbits and behind the eyes.³—Slow pressure above the right orbit.⁶—[220.] Frequent drawing and pressure between the eyes.¹—**Lids.** Inflamed lids from time to time, with accumulation of hard matter between the lashes.¹—*Visible twitching of the lids*, and of the left brow.¹—Sty on left lower lid at outer end, for three or four days (first day).¹²—Sty on inner end of left lower lid, with watering of left eye, for a day or two (eighth day).¹²—Agglutination of the eyes in the morning.⁹—**Inclination to close the eyes; they close involuntarily*.¹—**Sensation as if the eyes would close from weakness*.¹—**Sensation of heaviness in the upper lid, as if he could not raise it easily, or as if it were agglutinated to the lower lid, and could not be easily loosened*.¹—*Opening the eyes is difficult*, with sensation as if the lids were swollen, mostly in the morning.¹—[230.] Burning in the left lid.⁹—Burning pain on the margins of the lids, as from burning with gunpowder.⁶—Sensation as if the lids were swollen, mostly in the morning.⁵—Pressure in the upper lid, as if a sty would appear.¹—Pressure in the upper lid, as from a swelling, as if a sty would form.³—Biting in the lids.⁹—Smarting pain in the left lid (after four days).⁹—**Itching on the lower lid and on its inner surface, with burning as soon as he touches the eye or moves it*.¹—Dry matter in the canthi.⁷—**Burning in both inner canthi* (after three and four days).¹—[240.] An itching sore pain in the right inner canthus, in the morning, after waking, as if salt had got into the eye, which obliges him to rub it vigorously, which, however, increases the sensation so that lachrymation is produced, without redness of the eye.¹⁰—Itching in the inner canthus of the right eye, with lachrymation (after three-quarters of an hour).⁸—Itching in the inner canthus of the left eye, which disappears on rubbing.⁸—**Itching, like fleabites, in the left inner canthus, with desire to rub it*.³—Voluptuous itching of the right canthus, which obliges him to rub it,

lasting an hour (after eight hours),⁷.—*Lachrymal Apparatus.* *Lachrymation of the eyes, even in the room, but mostly in the open air,*¹.—Unusual lachrymation of the eyes, in the room, without redness of them,².—Watering of the eyes, especially in the open air (second and third days),⁸.—The previously watery eyes become better (curative action),⁸.—*Ball.* Distending pain in the right eyeball,³.—[250.] Itching in the right eyeball, in the morning (second day),⁸.—*Pupil.* Dilated pupils,².—The pupils at first seem contracted, but after ten or twelve hours are dilated,¹⁰.—*Vision.* **Photophobia the whole day; he was constantly obliged to wink,*¹.—Photophobia; the eyes are painful on motion, more on looking at the bright daylight,¹.—Small round objects pass before his vision while lying down, even with open eyes,³.—Flickering before the eyes,¹.—Flickering before the eyes, like a veil before them,¹.—**Flickering before the eyes, as from swarms of insects,*¹.—If he looked a long time at anything, objects flickered before his eyes, and everything ran together, which was followed by pressive pain in the eyes,¹.—[260.] Sparks of fire before the eyes, even on a bright day,¹.—**If he winks, he sees sparks of fire before the eyes, even on a bright day,*¹.—It becomes black before the eyes, for half an hour (fifth day),¹.—**The eyes become dim, and the vision indistinct; it seems as though a thick cloud were before the eyes,*⁸.—Obscuration of the eyes at times, as from a veil,¹.—Obscuration of the eyes frequently, as if a membrane were drawn over them,¹.—**Obscuration of the vision for a moment, on blowing the nose,*¹.—Obscuration of the eyes in the morning, when blowing the nose, as if a membrane were drawn from the inner canthus over half the pupil,¹.—Obscuration of the eyes frequently, especially if he looks at the light, as if he were blinded by a strong light, and could see nothing,³.—**Obscuration of the eyes, as if a veil were drawn before them, when standing,*³.—[270.] Obscuration of the eyes; something seemed to come from the head into the left eye, and the light looked as if there were many points of light in a black circle,¹.—**Dimness of vision,*⁹.—Dim vision, as if a thin membrane were drawn over the eyes, or as if a cloud were before them, increased by wiping and rubbing,⁴.—*Dim vision, as from a thick cloud before the eyes, in the morning, after waking; she could not see for a long time, until she had washed (second day),*⁸.—While reading, some of the letters became invisible,⁹.—Farsightedness, the first day; he was unable to read without glasses,¹.

Ear.—Objective. Swelling of the external ear, with contractive pains,¹.—Swelling of the meatus, with twinging earache and discharge of bloody matter,¹.—Suppuration and discharge from within the ear, with offensive odor,¹.—During eruptions, air rushes into the ear,⁹.—*Subjective.* [280.] Severe boring pain in the right fossa, below the ear, afterwards, on pressing upon it, a bruised pain,⁸.—At one time boring, at another, pulsating-throbbing, behind the left ear (fourth day),¹.—Pressive pain in the mastoid process,⁶.—Sharp intermitting stitches near the right ear, in the mastoid process,¹.—Stitches, like boring knife-stitches, externally behind the left ear, with frequent sudden general sweat, lasting eight minutes, several times a day (seventh day),¹.—Stitches on the outer margin of the ear, with burning pain, especially in the evening, in bed,¹.—Tearings beneath the left ear, which soon disappear, at 4 P.M.,⁸.—Stopped sensation in the ears, in the morning,¹.—Stopped sensation in the right ear,¹.—Sensation of contraction in the left ear and in the whole side of the head, in the evening, after lying down; he was unable to sleep upon that side; the flesh felt as if it had been separated from the bone, when touched, but on firm pressure the sensation was relieved,¹.—[290.] Boring pain in the right ear, as

from a borer (after three-quarters of an hour),⁸.—Sensation in the ears as if everything were dragging outward, and as if they would burst, like a tearing mingled with itching,¹.—*Stitches in the right ear*, paroxysmal, and in rapid succession,¹⁰.—Tearing-stitching in the ear, with a roaring, as from a storm of wind,¹.—Tearings in the left ear (twelfth day),⁸.—Twinging in the ears,¹.—Sensation of jerking outward in the ear,⁹.—Crawling, as from an insect, with itching-biting, in the left ear (after a quarter of an hour),⁸.—Itching in the ear, beginning in the throat, along the Eustachian tube,¹.—Itching in the left ear,⁹.—[300.] A sensation as though a cold wind were blowing into the right meatus auditorius,⁸.—Pain in the right meatus, in the evening (after forty-eight hours),¹.—On cleaning the ear, the meatus is painful, as if sore and ulcerated,⁹.—A sticking-itching in front of the right meatus,³.—Tearing in the drum, with tensive confusion of the head,¹.—**Hearing.** **Sounds echo in the ears, and he hears with difficulty.*¹.—Re-echoing in the ears, every morning,¹.—***Words and steps re-echo in her ears,**¹.—Ringing in the left ear,⁸.—Ringing in front of the right ear, in the evening,¹.—[310.] **Roaring before the ears* (fifth day),¹.—***Roaring** before the ears, frequently during the day,¹.—Roaring of short duration in the right ear (after a quarter of an hour),⁸.—Roaring in the evening, shortly before going to sleep, first in one ear, then in the other, for a minute,¹.—Rushing sound before the ears, as of a waterfall, with difficult hearing,¹.—Clear singing in the ears, as of crickets at a distance, followed by throbbing, then again singing (after eight hours),¹⁰.—Thundering tones in the right ear,¹.—Whistling in the left ear, lasting only a short time (after one hour and a quarter),⁸.

Nose.—Objective. Swelling of the nose, frequently in the morning, which disappears in the evening,¹.—The hairs fall out of the nostrils, where he usually had very many,¹.—[320.] Discharge of offensive mucus from the nose, with sneezing,¹.—After drinking, the nose waters and discharges more moisture than usual,¹.—Catarrh, with nightly dryness of the throat and stopped nose, when lying (after sixteen days),¹.—Catarrh, with cough and scraping in the larynx,¹.—Coryza, with stoppage of the nose and sneezing (second day),⁸.—Coryza and hoarseness, so that he could not speak aloud (after fourteen days),¹.—Transient coryza, with sneezing (almost immediately),⁹.—Violent coryza and cough, with pains in the chest, drawings in the limbs, frequent waking at night, and chilliness,¹.—Profuse fluent coryza, with agglutination of the eyes, in the morning (thirteenth day),¹.—Severe fluent coryza for two weeks, with painful cough at night and headache, for seven days,¹.—[330.] **Stopped coryza, with great stoppage of the nose; breathing through the nose and mouth was impeded.*¹.—Severe stopped and fluent coryza, with rawness in the throat and smarting in the chest, caused by severe cough (after thirty-two days),¹.—He blows blood from the nose, in the morning, several mornings in succession (after twenty-four hours),¹.—*Profuse nose-bleed* (seventh and ninth days),¹.—Profuse bleeding from the left nostril (after eight hours),¹.—Ineffectual attempts to sneeze,³.—Great sneezing (immediately),¹.—*Frequent sneezing in the morning.*¹.—Frequent sneezing in the morning, after rising (second day),⁸.—*Stoppage of the nose.*¹.—**Sensations.** [340.] The septum of the nose is painful to touch,¹.—Burning in the nostrils, as in coryza,¹.—Drawing in the wing of the nose, extending down from the right external cauthus,¹.—Cutting-tearing through the wing of the nose,³.—Soreness within the nose,¹.—A sore pain in the lower portion of the nose, as in severe coryza,¹.—Tickling in the left nostril, relieved by external pressure,⁸.—Itching in the nose, as if coryza would

appear,³.—Itching in the nostrils,¹.—*Smell*. Loss of smell, with completely stopped nose,¹.

Face.—Objective. [350.] The face has a very sickly look (seventh day),¹.—*Very yellow face* (twenty-first day),¹.—During menstruation, the face was quite yellow,¹.—Discolored face, yellowish about the temples, pale-bluish lips,¹.—*Cheeks*. Swelling of the cheeks, with throbbing pain,¹.—Throbbing and twitching in the muscles of the cheeks, though but slightly visible (third day),¹.—Burning on the right malar bone (sixth day),⁸.—Cooling-burning on the malar bone,⁸.—Sensitive burning pain in the upper part of the cheeks, in front of the ears, as if an eruption would appear there,⁸.—**Transient violent drawing pain in the right cheek, and then in the ear* (after two days),⁹.—[360.] Stickings in the cheek, over the lower jaw,¹.—Tearing in the left cheek-bone,¹.—Tearing and sticking in the cheeks,¹.

Lips. Swelling of the lower lip, with papulous eruption, with sticking and crawling in it,¹.—Spasmodic sensation in the lips,¹.—Fine tearings in the lips,⁸.—Pain in the lips, as if sore,¹⁰.—Soreness of the left corner of the mouth (seventh day),⁹.—*Chin*. Inflammatory swelling beneath the chin, as if an abscess would form, with burning pain,¹.—Tensive drawing pain in the lower part of the chin,³.—[370.] Burning-cutting pain in the chin, in the right side, as if a piece of glass were cutting outward (after three hours),³.—Tearing in the middle of the chin, in the bone,¹.—Tearings on the lower part of the chin,¹.—**He could separate the jaws only with great difficulty, and could not open the mouth as usual*; it seemed as if the throat below the jaw were swollen or tense,¹.—**Sensation of tension and pain in the jaws, so that she could only with difficulty open the mouth, and also could not eat well, because a tooth seemed too long*,¹.—Painfulness of the right inferior maxillary joint (after half an hour),¹⁰.†—*Rheumatic pains in the lower jaw* (after a quarter of an hour),¹.—Burning pains in the lower jaw,¹.—Prickling-digging in the lower jaw,⁶.—Drawing, first from the right, then from the left ramus of the lower jaw, towards the chin, and thence back again in the direction of the angle of the mouth, on each side,¹.—[380.] Tearing in the right lower jaw,⁸.

Mouth.—Teeth. Looseness of some of the teeth,¹.—Loose incisors,⁹.—**Painful looseness of the incisors*,¹.—A peculiar sensation in the roots of the teeth, so that he must gnash the teeth,⁸.—A severe jerk in the teeth, almost immediately,¹.—**Pain in the sound teeth on drawing in the cold air*,¹.—Burning pain in hollow teeth, while eating and drinking,¹.—**Boring pain in a lower back tooth, extending to the nose and eye*,¹.—**A painful prickling-digging in the lower back teeth, extending as far as the ear* (after one hour),⁶.—[390.] Drawings in the teeth (after twenty-six hours),¹.—Drawing pain in the teeth of the left lower row, from the articulation to the chin; in the afternoon,⁸.—Dull pressure, as from without, in the roots of both anterior upper back teeth (after half an hour),³.—Stitches in the teeth, on biting on them (after twelve hours),¹.—**Dull stitches in the upper back teeth, extending upward*,¹.—**Dull stitches in the lower back teeth, extending downward*,¹.—Painful shootings into the teeth on opening the mouth,¹.—Tearing pain in all the teeth, as if they would fall out, in the forenoon (second day),⁸.—**Tearing in both right rows of the teeth, extending into the zygoma; both jaws of this side are painful to pressure, and on chewing, as if bruised*,⁸.—**Tearing in the diseased root of the left lower jaw* (third day),⁸.—[400.] Tearings in the roots of the lower teeth, in the morning, return-

† In Hahnemann's *Materia Medica Pura*, it is "left."—C. Hg.

ing every minute,².—Tearing in the last back tooth of the left upper row, worse in the open air, at 2 P.M.,⁸.—In the morning, the teeth and gums are very sensitive,¹.—Painful sensitiveness of the teeth to touch,¹.—Severe pain in the teeth, as if sore, in the morning, followed by throbbing in them; the pain was relieved when the gum bled,¹.—Pain in the teeth, as if ulcerating, at night and also during the day, if she moves the mouth,¹.—Toothache in the right upper and lower back teeth,³.—Toothache, with much spitting of saliva (after twenty-four hours),¹.—Drawing toothache in the second right back tooth, as if more in the external surface, and extending up into the temples,³.—Violent drawing toothache, with itching between the teeth,⁹.—[410.] Pressive toothache,¹.—*Sticking toothache* (sixteenth day),¹.—Tearing toothache, extending into the head and left eye,¹.—Toothache, consisting of pressing-tearing and sticking combined, day and night, with red (erysipelatous) swelling of the cheek, and a swollen pimple on the gum, which suppurates, lasting seven days,¹.—Throbbing toothache in a diseased back tooth,¹.—*Throbbing toothache*, with painful gum, so that he could not chew,¹.—**Gums.** *Swelling of the gum*,¹.—Swelling of the gum, with excoriation of the pudenda on urinating (sixteenth day),¹.—Swelling of the gum of the left side, with great sensitiveness while eating, and with spasmodic pain in it, in the evening,¹.—Swelling and painfulness of the gum, in front and behind,¹.—[420.] Profuse bleeding of the gum (tenth day),¹.—Dull drawing pain in the gum of the lower jaw,³.—**The gum is painfully sensitive, without pain in the teeth*,¹.—**Tongue.** A painful vesicle on the tongue,¹.—**A painful vesicle on the tip of the tongue*,¹.—Vesicles on the margin of the tongue,¹⁰.—Dry tongue and thirst (after ten hours),¹.—Pain in the tongue on the left side, as if he had bitten himself,⁹.—Burning on the tip of the tongue,⁸.—Pain, as if burnt, on the tip and margin of the tongue,¹⁰.—[430.] Burning-scraping sensation on the tip of the tongue, as if burnt with something glowing hot, with much accumulation of saliva and insipid taste, the whole day, not relieved by eating,¹⁰.—Sore pain upon and beneath the tongue, and on the palate,¹.—**General Mouth.** Swelling of the inside of the cheek; in chewing he bites it,⁹.—At night, open mouth and dryness on account of it,¹.—Dryness in the mouth, with thirst, the whole day,⁸.—Dryness in the mouth and on the lips, without thirst,¹.—Dryness of the mouth, at night (after twelve days),¹.—Great dryness in the mouth, without thirst, the whole forenoon,¹.—Burning dryness in the mouth,¹.—The most violent pains in the mouth, œsophagus, and epigastric region (immediately),¹³.—[440.] Burning-scraping sensation in the mouth (after smelling),¹⁰.—Roughness of the mouth, as if it were covered with a skin, after a scraping sensation on the tongue,¹⁰.—Sensation of burning and soreness on the palate, lasting a quarter of an hour,⁸.—Stitches in the left side of the palate,⁸.—Crawling and burning-pricking on the posterior portion of the palate (after half an hour),⁸.—*A sore painful spot on the hard palate*,¹.—A place on the anterior portion of the palate which pains, as if suppurating, when touched with the tongue,³.—**Saliva.** Accumulation of water in the mouth (after one hour),⁸.—Accumulation in the mouth of water of a rancid taste,⁸.—Accumulation of watery saliva in the mouth, in the forenoon, with qualmsiness (second day),¹.—[450.] Much accumulation of saliva,¹⁰.—An acrid fluid rises into the mouth,¹.—After the stool (the third that day) salty and slimy water flows from the mouth (waterbrash),¹.—The mouth waters and more moisture collects in the nose, when walking after eating,¹.—**Taste.** Viscid glutinous taste (after fourth day),¹.—Offensive taste,¹.—Offensive taste, as from a disordered stomach, in the afternoon, for

several days in succession,⁸.—**Fatty taste*,¹.—Bitter taste in the mouth, though only transient,⁸.—After eating, the taste of the food remains a long time in the mouth,¹.—[460.] Diminished taste for food,¹.

Throat.—Objective. Audible cracking deep in the throat,¹.—Distension of the left side of the throat, with sensation as if he would suffocate; he was obliged to loosen his neck-band,⁸.—Mucus in the throat after a meal,¹.—**Mucus collects in the throat which he cannot loosen by hawking, but is obliged to swallow it*, half an hour after dinner,⁸.—Frequent clots of mucus in the throat,⁸.—Hawking of mucus,¹.—*Hawking of mucus*, in the morning,¹.—**Hawking of mucus, with pain in the pit of the throat*,¹.—Hawking and expectoration of much mucus, with sore sensation and burning in the throat, from 5 P.M. till night,⁸.—[470.] Frequent hawking of mucus, which immediately accumulates again, every half hour,⁸.—**Subjective.** *Dryness of the back of the throat*, for three days,⁸.—Dryness of the throat, in the morning,¹.—**Dryness in the throat, noticed when swallowing, followed by scraping along down the throat*,¹.—Dryness of the throat, with dry hacking cough,⁸.—Dryness of the throat, without thirst,¹.—The throat is now dry, now moist,⁸.—Nauseous sensation in the throat,¹.—Cold sensation in the throat, which rapidly presses upward over the palate, with profuse accumulation of saliva,¹⁰.—The throat feels swollen and raw (after two days),¹.—[480.] Contractive sensation in the throat, frequently,¹.—The throat feels too narrow and swollen,¹.—Sensation of tightness and suffocation in the throat, on which account he was obliged to loosen the band around the neck,⁸.—Pressure in the throat, behind the palate, and on the epiglottis,¹.—Pressure in the pit of the throat, on deep breathing,¹.—Choking pressure in the throat, in the morning on waking, as from swallowing a large crust of bread,¹.—The throat feels torn internally, not when swallowing, but on making an exertion with the head, as also on lifting or carrying anything,¹.—Sore sensation in the throat behind the palate,¹.—Sore pain in the throat,¹.—Burning-sticking sore pain in the throat, and in the uvula, increased on swallowing,¹.—[490.] Sore throat, as if the attachments of the tongue had grown fast,¹.—Sore throat, as from a lump in it, with sticking pain in it,¹.—Excessively sore throat, so that he could scarcely swallow on account of stitches in it like needles, an intolerable sensation, lasting from morning till afternoon, but much relieved after dinner,⁸.—Raw, hoarse throat, with sore pain, both when speaking or swallowing, and when not,¹.—Throat raw, chest oppressed, with febrile coldness,¹.—Rawness in the throat, and when breathing a sensation as if he had inspired too little air (after half an hour),⁸.—**Rawness in the throat, with sensation like heartburn* (lasting half an hour), (after half an hour),⁸.—**Rawness and tickling in the throat, with dry cough, and some expectoration only after long coughing*,⁸.—Scraping and clawing in the throat, with heartburn,⁹.—Scraping-clawing pain in the throat, with sensation on empty swallowing as if he was obliged to swallow over a lump,⁸.—**Fauces and Pharynx.** [500.] Scraping in the fauces, especially noticed in the evening and on swallowing,¹.—A dull pressure in the pharynx, as if under the sternum; it seems as though too large a morsel had been swallowed,⁸.—**Swallowing.** Constant inclination to swallow,¹.—She was obliged to swallow constantly; the throat seemed as though not wide enough, and it felt dry,¹.—After eating, it seems as though the food remained stuck in the throat,¹.

Stomach.—Appetite. Hunger unusually early,⁸.—A kind of ravenous hunger,¹.—Excessive hunger, which causes headache, relieved by eating,¹.—He eats with too much haste,¹.—He had appetite, but when eat-

ing the food immediately caused nausea,¹.—[510.] She had appetite, but without having nausea it seemed as though she did not dare to eat,¹.—Little appetite, but the food is relished,¹.—Little appetite, but much thirst, especially after eating,¹.—Appetite is wanting; hunger, but food is not relished; for three days,¹.—Constant sensation of satiety and loss of appetite, followed after an hour by hunger, with natural taste of food,¹.—If she attempted to eat without being hungry she soon became satiated and full, as though the stomach refused everything, and she would have felt better had she not eaten,¹.—If he made preparations to eat, having appetite, and began to eat, the appetite immediately disappeared,¹.—He was able to eat only smoked meats; fresh meats nauseated him, even to vomiting,¹.—Aversion to sweets,¹.—**Thirst.** Much thirst, several mornings,¹.—[520.] *Great thirst for several days* (after two days),¹.—Great thirst for something cold, from forenoon till 3 P.M. (after three hours),⁸.—Great thirst for beer,¹.—**Eruclations and Hiccough.** It seems as though she would constantly eructate, which, however, does not happen, but all manner of trouble is caused thereby,¹.—Eruclations of air (after half an hour),⁸.—*Eruclations, as when undigested food remains in the stomach*,¹.—*Eruclations of the food*, five hours after eating,¹.—Eruclations having an odor of the food,¹.—Eruclations with an odor of musk (after fourteen hours),⁸.—Eruclations tasting of the soup taken at breakfast (after one hour),⁸.—[530.] Eruclations having a pleasant taste, almost like almonds, soon after taking,⁸.—Eruclations, with choking in the œsophagus, so that it impedes breathing; this disappears after repeated eructations (after one hour),⁸.—*Empty, tasteless eructations of air*,^{8, 10}.—Frequent eructations of tasteless water, or rising of it into the mouth, with nausea, which disappears after the eructations,⁸.—Frequent, loud, explosive eructations, which continue a long time,⁸.—*Very frequent, mostly empty eructations* (ninth day),¹.—Suppressed eructations; they rise only to the middle of the throat, where they seem to remain,¹.—Violent eructations, with a sour taste (after fourteen days),¹.—**Burning hot eructations, in the afternoon and evening, without bad taste*,¹.—It seems as though lime were being dissolved in the stomach, which constantly causes a bubbling-up, with a continual rolling eructation of much air (after one hour),⁸.—[540.] Gulping of water several times, with soreness in the anus,⁸.—Waterbrash, several times in the forenoon, with salty taste of the rising water (after seventeen days),¹.—A kind of waterbrash; it seems to her, in the evening on lying down, as though cool water rose from the stomach, which she was constantly obliged to spit out,¹.—Hiccough (after a quarter of an hour),⁸.—**Heartburn.** Heartburn in the mouth, which lasted a long time (after a quarter of an hour),⁸.—Heartburn, after supper,¹.—Frequent burning rises from the stomach, as though he had eaten pepper,¹.—**Nausea and Vomiting.** Nausea, immediately,¹.—Nausea, even while eating,¹.—Nausea, every morning,¹.—[550.] Nausea, in the evening when beginning to eat,¹.—Nausea after supper, which had been eaten with a good appetite,¹.—Nausea, followed after half an hour by hunger, in the afternoon,¹.—Nausea, with empty sensations in the stomach, and acid taste in the mouth,¹.—Nausea in the stomach, as if qualmish, without vomiting (after half an hour),⁸.—Nausea in the stomach, like an inclination to vomit, with frequent gulping up of water into the mouth, which causes constant spitting,⁸.—Nausea and inclination to vomit, the whole afternoon till evening,¹.—Nausea, with anxiety,¹.—Great nausea, on waking from the evening sleep,¹.—Frequent nausea after the stool,¹.—[560.] Sensation of nausea before eating, with hunger,¹.—Qualmishness in the stomach (after a few

hours),¹.—Qualmishness and weakness in the stomach, with alternations of chill and heat,⁸.—Vomiting of clotted blood at night,¹.—Sour vomiting, followed by frequent sour eructations,¹.—**Stomach.** “Weakness of the stomach,” for a long time after the poisoning,¹³.—Sensation of emptiness in the stomach, although he had eaten sufficiently at dinner, at 4 p.m.,⁸.—Sensation of fasting in the stomach,⁸.—*Sensation as of a disordered stomach*, with distension of the abdomen (fifteenth day),¹.—Constant sensation of pleasant warmth in the stomach and abdomen,⁸.—[570.] **Pains in the stomach, which were relieved after lying down*,¹.—Pain in the stomach and uprising, which disappeared after dinner,⁸.—Violent pain in the stomach, in the morning soon after rising, increased by every sudden motion, with heat in the right side of the head; she was obliged to lie down, and the pain seemed now in the stomach, and now in the chest (after twenty-seven days),¹.—Tensive pain in the pit of the stomach,¹.—Any, even slight, tightness of the clothes about the stomach and hips is very oppressive and unendurable,¹.—A contractive, not very painful, sensation in the epigastric region (after one hour),⁸.—Cramp in the stomach,¹.—Cramp in the stomach, like a pressure and contraction, in the morning on waking from a frightful dream, with nausea and collection of water in the mouth (twenty-first day),¹.—Clawing in the pit of the stomach,¹.—**Pinching-clawing in the pit of the stomach, on deep breathing*,¹.—[580.] Pressure in the stomach after breakfast (after five days),¹.—Pressure in the stomach, in the morning after rising from bed, and even when sitting,¹.—Pressure on the stomach, in the morning fasting, soon followed by contractive sensation in the abdomen (after two days),¹.—Pressure in the stomach on waking at night, with perfect consciousness, which she did not feel in the morning after being completely awake,¹.—Pressure in the stomach and abdomen above and below the navel, with diarrhoea three times at night, with periodic stitches from the back forward to the right side of the abdomen, arresting breathing (second day),¹.—*Pressure in the pit of the stomach*,³.—Severe pressure in the pit of the stomach,¹.—Pressure in the orifice of the stomach, increased by leaning against the edge of the table, and also by reading aloud, by talking much, by lying upon the back, and when the cold air strikes the abdomen,¹.—Continued stitchlike pressure in the pit of the stomach,⁴.—Rhythmical chilling pressure in the pit of the stomach, as from a piece of ice,⁶.—[590.] Stitches in the stomach, for ten minutes,¹.—Stitches in the pit of the stomach, which seem to contract the heart,¹.—Bruised pain in the stomach, also noticed when pressing upon it (after an hour and a half),⁸.—Crawling in the epigastric region,¹.

Abdomen.—Hypochondria. Distension of the left hypochondriac region,¹.—Sharp burning pain in the left hypochondrium,¹.—Sharp stitches in the left hypochondrium,⁸.—Tension in the right side of the abdomen,¹.—Violent stitches beneath the last right true ribs,⁴.—Stitching pain below the right ribs, in the evening,¹.—[600.] Stitches in the hepatic region when riding, in a place of the size of a hen’s egg; touch also caused stinging pain, with great inclination to sleep, and general weariness,¹.—*Stitches in the hepatic region*, in the afternoon, lasting four hours (after twelve days),¹.—A tensive pressive pain in the liver when lying on the back,¹.—Fearing in the liver, in the evening (seventeenth day),¹.—**Umbilical.** Swelling of the umbilicus, with painfulness about it, when touched,¹.—Gripping about the umbilicus, in the morning, in bed, disappearing after rising (second day),⁸.—Crawling in the umbilicus, with sensation as if diarrhoea would come on (after half an hour),⁸.—**General Abdomen, Objective.**

Distension of the abdomen, with internal pressure, especially on deep breathing.¹—Distension in the left side of the abdomen, extending into the groin (after six hours).¹—Great distension of the abdomen, especially in the evening (after twenty days).⁸—[610.] Great distension of the abdomen after eating.¹—Great distension of the abdomen, so that she was obliged to loosen the clothes, with frequent passage of loud flatus, which only relieved for a short time; the whole afternoon.⁸—Painful distension of the abdomen, so that she was obliged to loosen the clothes, with pains in the bowels like cramps.¹—Abdomen distended, in the evening (after ten hours).¹—Abdomen full, hard, in the evening.¹—The abdomen is full immediately after eating and drinking, with uneasiness and drawing in it.¹—Moving about and slight cutting in the abdomen, which disappear after a soft stool.⁸—Rumbling in the abdomen after eating, when the stomach is overdistended.¹—Rumbling in the abdomen, followed by frequent passage of flatus (after one hour).⁸—Audible rumbling and croaking in the abdomen, as from frogs.¹—[620.] Loud rumbling in the abdomen when sitting, as from emptiness (after one hour).⁷—Much accumulation of flatus, with hard stool (first week).¹—Much accumulation of flatus in the abdomen after a slight meal, on account of which the hæmorrhoids protrude, are very painful, and moist (fifth day).¹—He passes flatulence both upward and downward.¹—Frequent passage of flatus, without disturbance in the abdomen.⁸—Frequent passage of flatus after breakfast.²—*Frequent passage of offensive flatus*, without any disturbances.¹⁰—*Frequent loud passage of flatus, the whole afternoon*.⁸—Excessive passage of flatus (fourth day).¹—**Subjective.** Uneasiness and jerking in the abdomen at night, which did not allow her to sleep before 12 o'clock.¹—[630.] Sensation of emptiness in the abdomen, relieved by pressure.¹—Cold sensation in the abdomen, with cracking and crackling in it.⁶—The abdomen becomes cold easily; if the air touches it he has a pressure in the stomach and diarrhœa.¹—*Pain in the abdomen in the morning*.¹—Burning pain in the abdomen about the epigastric region, which wakes him from sleep, though transient.¹⁰—Sticking-burning in the right side of the abdomen, with sensation as if something would become loosened (ninth day).⁸—Tension and distension of the abdomen, so that he could only breathe with difficulty, with frequent passage of flatus, at 7 P.M.⁸—Tension and pressure in the upper abdomen.¹—Contractive tension in the abdomen and stomach.¹—Pain in the abdomen, as if it were constricted by a string, when breathing.¹—[640.] Contractive sensation about the upper portion of the abdomen (second day).⁸—Twitching contraction in the bowels, at noon (ninth day).¹—Gripping in the upper portion of the abdomen, frequently returning.⁸—Gripping in a small spot in the right side of the abdomen below the navel, as with two fingers, after eating.⁸—Pinching pain in the bowels, with paleness of the face.¹—Severe pinching and cutting in the whole abdomen, with yawning.⁸—Cutting-pinching in the abdomen, even while eating, soon disappearing after passing flatus (after six hours).⁷—A pain drawing back and forth in the abdomen, just before menstruation and on the first day of it.¹—Pressure in the abdomen several afternoons in succession, so severe that she was not able to do her work.¹—Pressure in the abdomen, extending up into the throat, in the evening (tenth day).¹—[650.] Pressive pain in the abdomen, with short breathing, in the morning after rising.¹—Twisting pain in the abdomen before a stool.⁹—Cutting in the abdomen and passage of flatus on inspiration.³—Cutting, extending from the pit of the stomach to the abdomen, after eating, with taste of food in the mouth and eructations tasting

of food, with confusion of the head, diarrhoea, and chilliness; he was obliged to lie down,¹.—Cutting in a small streak in the upper abdomen, with a soft stool at 11 A.M., disappearing after dinner,⁸.—Cutting and pinching in the right side of the abdomen, as in diarrhoea,⁸.—It seems as though one were sticking the whole abdomen with needles, at 4 P.M.,⁸.—Dull sticking pain in the right side of the abdomen, when lying,⁹.—Stitches in the abdomen for a long time, a sensation so that he was unable to remain sitting,¹.—*Stitches in the right side of the abdomen*, in the evening,¹.—[660.] A stitch in the right side of the abdomen, extending through and through the bowels, and out at the sacrum (after a quarter of an hour),⁸.—A severe stitch in the left side of the abdomen,¹⁰.—A transient stitch in the left side of the abdomen,¹.—Dull stitches below the last false ribs above the ilium,¹.—Dull stitches in the right side of the abdomen, followed by bruised pain in the left lower ribs; it is also noticed when pressing upon it (after three-quarters of an hour),⁸.—At night, severe colic in the groins; it extended through the lower legs up into the groins,¹.—Cutting colic in the morning, followed by three soft stools, and the whole day a sensation in the abdomen as of diarrhoea (after eight days),¹.—**Cutting colic and diarrhoea during menstruation*,¹.—**Cutting colic on the appearance of menses, without diarrhoea, with tearing in the back and small of the back, especially on motion*,¹.—Pain in the abdomen during menstruation, as if everything was torn apart, with pain in the sacrum, as if bruised, with discharge of large clots of blood,¹.—[670.] Bruised pain in the right side of the abdomen, which is not affected by touch (after one hour),⁸.—Bruised pain and pinching in the right side of the abdomen, followed by sticking through the pudenda, from within outward, frequently (after one hour),⁸.—Pulsation in the abdomen,¹.—Crawling and moving about in the abdomen, as after a purgative (after half an hour),⁸.—***Hypogastrium and Iliac Region.*** Quivering or muscular twitchings in the lower portion of the abdomen when sitting bent (after four hours),¹.—Pressure in the lower abdomen, as from a weight,¹.—A dull pressive pain deep in the lower abdomen, at last with fever, heat, anxiety, and restlessness, so that he could neither sleep at night nor lie; the lower abdomen was painful to touch, as in inflammation of the abdomen,¹.—Dragging in both inguinal regions, extending forward, with ineffectual urging to urinate, while sitting, lasting half an hour,⁸.—Stitches extending downward in the right groin, as if a hernia would appear, after breakfast,⁸.—Bruised pain in the right groin, with stitches; relieved at first by pressure, but afterwards increased (after an hour and a half),⁸.—[680.] Bruised pain in the left groin, when walking, at 2 P.M.,⁸.

Rectum and Anus.—**Hæmorrhoids impeding the stool* (after thirteen days),¹.—Large painful hæmorrhoids,⁹.—**Swollen hæmorrhoids, with itching-sticking and much moisture*,¹.—**Hard hæmorrhoids, stinging-burning, extremely painful when touched, when walking, when standing or sitting; relieved after a stool, lasting fourteen days (after nineteen days)*,¹.—Sensation as if there was something hard in the rectum, like a kernel of fruit,⁹.—Cramp in the rectum, which made it impossible to walk; she was obliged to sit still (after a few hours),¹.—Spasmodic drawing pain in the rectum (anus) after coition,¹.—Dragging in the rectum, as if there were fæces in it which should be expelled,⁹.—**Pressure in the rectum, the whole day*,¹.—[690.] Continued pressure in the rectum and anus, worse after the stool,¹.—**Frequent sudden pressing-piercing pain in the rectum*,¹.—Sticking in the rectum, during a stool,¹.—Crawling in the rectum (after a few hours),¹.—**Itching and sticking in the rectum*,¹.—**Severe itching in the rectum and in*

the genitals,¹.—**Sore painfulness of the hæmorrhoids increased, so as to be unendurable on walking or reflecting*,¹.—Burning in the anus after the stool, which makes him powerless,¹.—*Burning in the anus after the stool*, with depressed pulse and palpitation,¹.—Severe burning in the anus, with a stool,¹.—[700.] A stitch in the anus (before a meal),¹.—Biting pain in the anus after a stool,¹.—Sore pain in the anus, with moisture,⁹.—**Itching in the anus*,⁸.—Itching in the anus, after dinner,¹.—**Excessive itching in the anus*, day and night (second day),¹.—Crawling-itching in the anus,¹.—Pain in the perinæum, with pulsation in it,¹.—Urging to stool, though the anus is spasmodically contracted, so that no stool passes; the pressure, however, continues (second day),¹.—Urging to stool, with rumbling in the abdomen,⁸.—[710.] Immediate urging to stool after dinner; the stool was hard, and passed with pressure,¹.—Frequent urging to stool, without passing more than flatulence (third day),⁹.—*Frequent ineffectual urging to stool*, with much pain, anxiety, and redness of the face (fourth, tenth, and thirtieth days),¹.

Stool.—**Diarrhœa.** Diarrhœa easily from taking cold in the abdomen,¹.—Diarrhœa in the evening,⁸.—Diarrhœa at night,¹.—Diarrhœa, with twinging and burning in the anus,⁸.—Watery diarrhœa, with stomach-ache,¹¹.—He was obliged to rise at night to go to stool, which was very soft,⁸.—Fæces passed with sensation as though only flatulence passed,¹.—[720.] Fluid stool,¹.—Semifluid stool,⁸.—Semifluid stool, at 5 A.M. (second day),⁸.—Semifluid stool, without pain, at 2 P.M.,⁸.—Soft stool, with passage of flatus,⁸.—Very solid stool, though without any difficulty,⁸.—Hard stool (fourth day),⁸.—The stool was crumbly, then the rectum contracted, and only a soft stool was passed, which was thin in form, like a goosequill (after sixteen hours),¹.—Bloody stool, with burning and sore sensation in the rectum,¹.—Stool, with white mucus (sixth day),¹.—[730.] Painless passage of blood with a soft stool,¹.—Mucus and clear blood are passed with a nodular difficult stool, without trace of hæmorrhoids,¹.—Passage of a round worm with a hard stool (second day),⁸.—**The stool passes better when standing*,¹.—**Constipation.** Constipation (after twenty-four hours),¹.—No stool (second and third days),⁸.

Urinary Organs.—**Bladder.** Pain in the bladder; he can pass no urine; if, however, a few drops pass, he has violent pains in the urinary passages, with constipation and cramps in the rectum,¹.—**Urethra.** Pain in the urethra after urinating, in the evening, with dull aching on the top of the head,¹.—Burning sensation in the urethra,⁹.—**Burning suddenly in the urethra at night*,¹.—[740.] Burning of the urine (after sixteen days),⁸.—Burning urine after an emission,¹.—Burning when urinating,⁸.—**Burning in the urethra when urinating*,¹.—Burning in the urethra, or in the root of the urethra, when urinating,⁸.—Burning urine, when urinating, in the urethra, in the region of the frænum,¹.—Cutting urine,¹.—Itching in the orifice of the urethra (eighth day),⁸.—Urging to urinate after walking,¹.—**Urging to urinate, without passing anything; she was obliged to wait a long time, and then only a very little urine passed, but the urging was soon again renewed, without pain*, at 8 P.M.,⁸.—[750.] **Frequent urging to urinate*,¹.—Frequent urging to urinate, and afterwards shivering, in the open air; it disappeared in the room (after half an hour),⁸.—**Frequent urging to urinate, without passing any, then, while sitting, involuntary flow of it* (first day),¹.—At night, frequent urging to urinate, which wakes her from sleep,⁸.—Frequent urgent desire to urinate, which is passed in much larger quantity than the amount of drink taken,¹.—**Very frequent urging to urinate, with involuntary drib-*

bling of urine,¹.—**Micturition**. Enuresis, with violent erections, without desire (eighth day),⁸.—Increased flow of slightly acid urine, which contains the whole of the potash; organic matter differing considerably from that of ordinary urine, and a relatively large proportion of sulphuric acid; the phosphoric acid and the chlorine are less changed,¹⁴.—Unusually profuse passage of urine (fifth day),¹.—After the increased flow of urine, the quantity passed per hour falls slightly below the standard,¹⁴.—[760.] Scanty urine, with great thirst,⁸.—Frequent urination,¹.—Frequent passage of much urine,⁹.—He is obliged to urinate frequently at night (fifteenth day),¹.—*Frequent and very much increased micturition*; the urine soon deposited a sediment like yeast,⁸.—Quite frequent micturition of scanty urine, without pain or urging,¹⁰.—He was obliged to rise twice at night to urinate; the urine was copious, together with diarrhoea, which was repeated in the morning,⁸.—**He urinates so easily that he is not sensible of the stream, and can scarcely believe in the dark that he is urinating until he makes sure with the hand (after one hour),⁸.—*Involuntary passage of urine while coughing or blowing the nose,¹.—*The urine stopped at intervals, in the evening (second day),⁸.†—[770.] *The urine passes at night, in sleep (seventh day),¹.—*The last drops of the urine are delayed,¹.—*Ineffectual attempts to urinate; when a few drops were passed, he had violent pain in the bladder, and also (after walking much in order to relieve it) cramps in the rectum (twenty-first day),¹.—**Urine**. Urine clear, like water,¹⁸.—Urine reddish, without sediment,⁸.—*The urine is often dark-brown,¹.—*The urine becomes turbid and cloudy on standing,¹.—Much tenacious mucus in the urine,¹.*

Sexual Organs.—Male. Increased smegma; a very large amount is secreted on the corona glandis,¹.—Itching scurf on the inside of the prepuce,⁹.—[780.] Erections the whole forenoon (second day),⁸.—Erection, with desire for coition, in the morning (second day),⁸.—Frequent incomplete erections, in the morning, after coition,⁸.—No erection on attempted coition; he was impotent (twenty-seventh day),¹.—Burning pain in the penis,¹.—Voluptuous itching of the penis, with incomplete erection,¹.—Itching on the inner surface of the prepuce, at one time tickling, at another biting,¹.—Itching on the frænum,⁹.—**Pressive pain, as if crushed, in the right testicle,¹.—Pressive pain in the testicles, at noon,¹.—[790.] Itching-cutting pain in the septum of the scrotum,³.—Stitches in the right testicle (after six days),¹.—Tearing in the testicles,¹.—Sexual excitement (after a few hours),¹.—Increased sexual desire (first day),⁸.—Very much increased sexual desire, with disinclination for any work,⁹.—Sexual desire very little excited (after thirty-two days),¹.—Desire for emission,¹.—Emissions, followed by burning urine,¹.—Emissions for several nights in succession, also during the afternoon nap, in one who was impotent (after three days),¹.—[800.] Frequent emissions, in an old man (after seven days),¹.—Frequent emissions and constant incomplete erections, at night and the following forenoon (after fifty hours),⁸.—**During coition, blood is discharged from the urethra with the ejaculation of semen (twenty-first day),¹.—Passage of prostatic fluid after the stool,¹.—**Female**. Attack of uterine spasm; pains now in the lower abdomen, now in the stomach, now in the chest, now in the small of the back, which obliged her to bend forward; she was unable to keep erect without the most violent pain; could not endure clothing on the epigastric region, and did not dare to eat anything, even the most di-**

† Meaning that while urinating, the flow intermitted.—T. F. A.

gestible food, on account of most violent pains in the abdomen and stomach; the application of warm stones caused immediate relief; everything seemed as if pressed and obstructed in the abdomen; so full that it seemed as if it would burst, with constant ineffectual desire to eructate (after a few days),¹.—Burning in the female genitals,¹⁰.—**An acridity during and after urinating, which bites like salt in the pudenda* (eleventh and seventeenth days),¹.—Cutting pain in the mons veneris, on motion, especially when walking,³.—Leucorrhœa at night (third day),¹.—**Very profuse leucorrhœa; it flows like menstruation, and has the same odor* (after fourteen days),¹.—[810.] It hastened menstruation, by eleven days, which usually appeared two or three days too late (after twenty-four days),¹.—Menstruation, just due, was delayed (immediately),¹.—**Menstruation, usually natural, is delayed two or three days* (after eleven days),¹.—The menses are ten days too late; they then flow in a completely natural manner,¹.—**The menstrual blood has an offensive odor, and causes itching in the pudenda*,¹.—After menstruation had really ceased, there continued traces of a bloody discharge, from time to time, for many days,¹.—**During menstruation, no blood was discharged at night*,¹.

Respiratory Organs.—**Dry sensation in the air-passages*,¹.—**The muscles of the larynx do not perform their function; she is unable to speak a loud word, in spite of every exertion*,¹.—**Frequent need to clear something out of the larynx*,¹.—[820.] **Dryness in the larynx*,¹.—Irritation in the larynx, as in the beginning of a cold, with general febrile excitement,¹.—**Irritation to cough with every expiration*,¹.—**Irritation to cough, even in the morning, in bed*,¹.—Sensitive drawing in the larynx, without cause,¹.—**Sensitive preservative pain in the larynx, on blowing the nose*,¹.—**Voice.** **Hoarseness*,¹.—**Hoarseness for several days; she could not speak aloud*,¹.—**Hoarseness and rawness in the throat, in the morning*,⁸.—**Great hoarseness, especially in the morning and evening, with scraping in the throat*,¹.—[830.] The voice is stopped every morning, as if a wedge were in the larynx which should be expectorated,¹.—**Cough and Expectoration.** Cough caused by incessant crawling,¹.—**Cough caused by crawling in the larynx, or by stooping to pick up anything*,¹.—**Cough always caused by speaking*,¹.—Cough in short paroxysms, caused by tickling in the throat from mucus,⁸.—**Cough wakes her from sleep in the evening and morning; during the day, little or no cough*,¹.—Cough, with rawness in the throat, in the forenoon (first day),⁸.—Cough only at night, on waking,¹.—Cough after becoming cold, if she became warm again,¹.—Cough, with scraping in the throat, without expectoration,¹.—[840.] Cough, with rattling on every inspiration, as if there were much mucus in the right side of the chest, in the forenoon,¹.—Violent cough, even at night,¹.—**Violent cough, at times quite dry, with pain in the right side of the chest*,¹.—**Hollow cough, especially at night and in the morning, with tightly adherent mucus in the chest, in which there is sticking pain, very sore and ulcerated, with and without coughing, with stopped coryza and stoppage of the nose* (after twenty-four days),¹.—Hoarse cough, mostly in the morning and evening, not at night,¹.—Hacking cough, with difficult breathing,¹.—**Frequent tickling cough* (after four days),¹.—Dry cough, caused by burning in the chest,¹.—Dry cough at night, which disturbed sleep,¹.—**Dry hollow cough, from five to six paroxysms, with sore sensation in a streak down along the trachea, where it pains on every paroxysm of cough, and almost prevents breathing*,¹.—[850.]

† Forced expiration.—C. D.

Continual racking dry cough in the morning, on waking, as after taking cold, which does not allow her to fall asleep again,⁷.—Constant dry hacking cough, and only seldom some expectoration of mucus,⁸.—Cough, with much expectoration, every night at 2 A.M., lasting two hours; during the day very little and only occasional cough,¹.—Short cough, with some expectoration of mucus, especially after eating,¹.—Expectoration of tough mucus, which at first is difficult, afterwards easy to loosen,⁸.—**Respiration.** Difficult and deep inspiration,⁶.—Dyspnoea, after lying down,¹.—Dyspnoea, worse when sitting,¹.—Spasmodic dyspnoea,¹.—After the stool, which is first hard, then soft, at first dyspnoea, then distension and pinching in both hypochondria, especially in the right, on every step,¹.—[860.] *Shortness of breath precedes the paroxysms of coughing,¹.—Shortness of breath in the morning, with pressive pain in the abdomen, which disappears during the day (after six days),¹.—Shortness of breath, when walking in the open air,¹.—Shortness of breath, with oppression of the chest,¹.—Want of breath, with weakness of the thighs (ninth day),¹.—*Arrest of breath when speaking or walking rapidly; she was obliged to suddenly catch for breath,¹.—Sudden arrest of breathing in the open air (when hunting), with very rapid palpitation; he was unable to remain upright, was obliged to kneel down, with sweat all over; the breath was very short, the blood rushed to the head, the face became bluish-red, as if he would be attacked with apoplexy; this condition lasted one hour (fourth day),¹.—Frequent attacks of suffocation during inspiration, as if some one grasped the trachea, which for the moment arrested the breathing, while sitting,⁴.

Chest.—When coughing, great rattling in the chest (after twenty-four hours),¹.—Anxiety in the chest after the stool, in the evening, with very much distended abdomen,¹.—[870.] Heat internally in the chest,¹.—Rheumatic pain in the chest and abdomen (second day),⁸.—Burning pain and sometimes stitches in the chest,¹.—Tension about the chest that continues a long time (second day),⁸.—*Tightness of the chest; she was frequently obliged to take a deep breath (first day),⁹.—*Sensation as if the chest were too tight,¹.—*Sensation in the chest as if the clothes were too tight,¹.—Constriction of the chest, with hoarseness and rawness of the throat (second and third days),⁸.—*Painful compression of the chest from both sides towards the sternum, with oppression of breath and weakness of voice,¹.—Painfulness, like a drawing, after immoderate running or singing, internally in the upper part of the chest, with a heavy sensation upon it (after three hours),¹⁰.—[880.] Stitches in the chest, below the arms, extending to the pit of the stomach, with apprehensiveness, followed by rumbling of the bowels and griping, extending up into the chest, which were entirely relieved after passage of flatus (twenty-ninth day),¹.—Stitches deep in the chest, on deep respiration, lasting one hour, in the forenoon (fourteenth day),¹.—Small sharp stitches beneath the skin of the chest,¹.—*When coughing, the chest is painful, as if sore,¹.—Scraping in the chest,¹.—Rawness in the chest, in the morning,¹.—**Front.** A tearing pressure on the forehead of the chest, almost only, or, at least, worse, in the open air,¹.—Sharp stitches in the breast near the middle, which always extend suddenly towards the navel, especially on inspiration,¹.—Stitches in the sternum, on deep breathing and lifting,¹.—Heat in the chest, rising up into the throat, lasting half an hour,⁸.—[890.] Pressure on the chest, with difficult breathing (after one hour),⁸.—Pressure on the chest, with short or difficult breathing (after a quarter of an hour),⁸.—Pressure upon the chest, just above the pit of the stomach,¹.—Pressure over the chest and stomach,¹.—Pressure in the inter-

costal muscles transversely across the chest, on stooping,¹.—Frequently a sharp pressure upon the chest, which does not affect the breathing, after dinner, especially when walking (first three weeks),¹.—Pressing pain in the upper part of the ensiform cartilage, extending straight upward,¹.—Oppression of the chest (bronchi) after eating,¹.—Painful oppression of the chest, in the afternoon, which disappeared on dancing (after sixteen days),¹.—Sensation as of cutting in the chest, with burning, in the morning (second day),⁸.—[900.] Stitches in the chest, as with a nail,⁶.—Stitches, as with needles, in the chest, on walking in the open air,⁷.—Stitch in the sternum, on deep breathing and on physical exertion (after sixteen days),¹.—A stitch, lasting eight minutes, at first below the sternum, on inspiration and expiration, followed by a stitch in the sternum, continuing the whole forenoon with alternating severity, most noticed on expiration, which is connected with a constant dull stitch in the left shoulder-joint, which also was most noticed on expiration,¹.—**Sides.** Oppression of both sides of the chest, as if it were pressed together,³.—Pain in the right side of the chest, as if the lung were loosened from the pleura, almost constantly when lying,¹.—Pressure on the right side of the chest (after twenty-four hours),¹.—Pressive pain on the right side of the chest, in the evening,¹.—Stitches in the right side of the chest, on inspiration (after half an hour),⁴.—A severe sharp stitch in the right side of the chest, on inspiration (after one hour),⁸.—[910.] Dull stitches in the right side of the chest, in the region of the clavicle,¹.—Bruised pain below the right mammary glands, not affected by deep breathing,¹.—Rushing in the left side of the chest, in the region of the heart, several mornings, in bed, until rising; relieved on any motion, but returning when lying,¹.—**Pain above the left hip, on coughing, as if it would burst open there,*¹.—Pain, as if sprained, in the left lower pectoral muscles, on moving the left arm (after half an hour),³.—A pressive pain in the chest, by the lowest rib of the left side,¹.—During menstruation, a kind of sticking pain beneath the left breast,¹.—When coughing, stitches in the left side of the chest,¹.—Stitches in the left breast, below the nipple,¹.—Stitches in the left side of the chest, after eating,¹.—[920.] Stitches at night without impeding respiration, as with a knife, in the forepart of the left side of the chest, piercing through to the back, with great anxiety and restlessness, so that she was constantly obliged to toss about, without being able to sleep,¹.—Slight stitches below the left female breast, relieved by rubbing, at 5 p.m.,⁸.—Sharp stitches above the left hip, extending to the last false ribs,¹.—Sharp slow stitches in the left side of the chest, on a level with the pit of the stomach,⁴.—Dull stitches in the left side of the chest, above the heart, on motion,¹.—Dull stitches in the left side of the chest, opposite the ensiform cartilage,⁴.—Violent stitches in the first false ribs of the left side, continuing a long time (after one hour and a half),⁸.—Sticking-tearing in the left side of the chest,⁸.

Heart and Pulse.—Great oppression of the heart, with melancholy,¹.—Palpitation, with weariness (after a few hours),¹.—[930.] Severe palpitation in the morning, with irregular pulse and pain in the back,¹.—Severe palpitation in the evening, with great anxiety, which made the breathing very short, without any special thoughts (sixth day),¹.—Anxious palpitation, with rhythmical constriction of the abdomen,¹.—On the night of the 15th, when the flow of the urine, which was proceeding at the rate of $\frac{3}{4}$ iss. per hour, was augmented in two and a half hours by $\frac{3}{4}$ xiv, and no fluid was supplied to the system, the pulse became perceptibly small (almost thready) and slow; it remained equal and regular, there was no thirst, no

shivering, and no nausea; the skin was dry and warm. In six hours the pulse had quite regained its force and frequency, and the other symptoms had disappeared without any fluid having been taken,¹⁴.

Neck and Back.—**Neck.** Jerking motion in the neck near the head,¹.—**Stiffness in the neck, so that he could not move the head,*¹.—**Stiffness in the neck and throat, with pain in the occiput; the muscles felt bent, so that he could hardly move the head* (after twelve days),¹.—Stiffness in the right side of the neck, with tensive pain,³.—**Stiff pain in the right side of the neck,*⁹.—Burning in a small spot on the right side of the neck, where there is a red spot (eighteenth day),⁸.—[940.] Tension in the cervical muscles, on suddenly becoming erect or on turning the head,¹.—A tension and pulling in the cervical muscles, even when at rest,⁶.—**Long-continued tension in the right side of the neck and chest, so that it drew the body towards the right side,*⁸.—A tensive sensation in the neck, as if some one drew her backwards by both ears,⁸.—A pinching pain in the right side of the neck,³.—Stitches in the neck, at night when lying,¹.—Bruised pain in the neck (fourth day),⁹.—**Back.** *Pains in the back during menstruation,*¹.—Drawing in the back, a feeling as if bruised, from hence the pain extends into the sacrum and abdomen, where there is an accumulation of much flatulence, causing pain, during which leucorrhœa appears,¹.—An attack; at first pain in the back like a drawn and beaten sensation, it then extends into the small of the back, and thence into the abdomen, where much flatulence accumulates, with great pain, which is afterwards passed, with discharge of leucorrhœa (after twenty-five days),¹.—[950.] Pain in the back, a pressure in the small of the back,¹.—Stitches in the back (twentieth and twenty-seventh days),¹.—Stitches in the back, as from needles,¹.—Stitches from deep in the chest out to the back,¹.—Stitches in the back, followed by pain,¹.—Tearing in a small spot in the back,⁸.—A sticking piercing-jerking in the back and sacrum, which took away her breath,¹.—Crawling sensation in the back (after one hour),⁸.—**Dorsal.** Burning in the middle of the right scapula,⁸.—A severe tensive pain in the upper part of the shoulder-blades, on motion,¹.—[960.] Drawing in the left scapula,¹.—Pressive drawing in the scapula,¹.—A pressive sticking pain near the right scapula, when swallowing and hawking, as also on exerting the voice,¹.—Violent pressive pain, with tearing, on the border of the right shoulder-blade, extending to the small of the back, increased by bending the right upper arm and head backward, and at last on every motion of the body, even if the part be only shaken, most severe on turning the head towards the left side,¹.—Severe stitches in the left scapula, as with needles,¹.—Tearing in the right scapula,⁵.—Tearing in the dorsal vertebræ between the shoulder-blades, extending into the right shoulder-blade, and afterwards also into the left,¹.—A stiff pain between the shoulder-blades (after five days),⁹.—Painful tearing between the shoulder-blades at 4 P.M.,⁸.—**Lumbar.** Stiffness in the lumbosacral joint (after a quarter of an hour),³.—[970.] Slight lumbar pain (after the large flow of urine),¹⁴.—Pain, as if squeezed, in both loins,¹.—Sharp stitches in the right lumbar region above the ilium, which extend upward to the ribs, but soon disappear, like electric shocks,¹.—**Sharp stitches in the left lumbar region by the last false ribs,*¹.—Pain in the small of the back; she feels every motion of the body painfully in the small of the back,¹.—Much pain in the small of the back, and anxious dreams, the two last days before menstruation,¹.—Violent tensive pain in the small of the back,¹.—A pressive pinching pain in the small of the back, in the region of the kidneys,¹.—**Pressing cramplike pain in the small of the back and re-*

gion of the kidneys, while sitting (fourth day),¹.—A pinching cramplike pain in the small of the back and nates,⁹.—[980.] Pressing pain in the small of the back, so that he was obliged to remain bent over (with pressive pain in the lower abdomen),¹.—Pressing pain in the small of the back, while sitting,¹.—Some itching stitches in the small of the back,³.—Violent pain, as if sprained, in the small of the back, on motion (second day),⁹.—Violent tearings in the small of the back, two in succession,⁸.—Bruised sensation in the small of the back when walking, but disappearing when sitting,⁸.—Sore pain in the small of the back, followed by pressing in the lower abdomen, as if everything would come out of the rectum and pudenda, like a flatulent colic (from lifting),¹.—Bruised pain in the small of the back, towards evening, lasting several hours, with passage of leucorrhœa (after thirty-one days),¹.—Frequent pulsation in the small of the back,¹.—*Sacral*. **Dull drawing pain in the region of the coccyx*,³.—[990.] **Bruised pain in the coccyx*,³.—Jerking pain in the coccyx (seventh day),⁹.

Extremities in General.—Attacks of twitching in the limbs, in the evening,¹.—**Weakness and trembling of all the limbs* (eighteenth day),¹.—Weakness of all the limbs, so that he could scarcely walk, and when sitting the hands must lie stretched out,⁶.—**Paralytic weakness of the limbs* (after three hours),¹.—Painful heaviness in the limbs at night, which did not allow her to sleep (third day),¹.—Feeling in all the limbs as after a great exertion, after rising from sitting,¹.—**Intolerable uneasiness in the limbs in the evening*,¹.—**Gouty pain in all the limbs* (after half an hour),¹.—[1000.] Drawings here and there in the limbs,¹⁰.—**Tearing in several limbs, worse in the joints, and extending from these into the long bones*,⁵.—**Tearing in all the limbs, now in one, now in another, at one time severe, at another slight, though constant* (after one hour, and for several successive days),¹.—A kind of stitching pain in the joints, after taking cold,¹.—Drawing in the fingers, soles, and toes,¹.—Very transient drawing pain in the right index finger and in the left second toe,¹.—Pressive pain in the arms and thighs,¹.—Crawling in the arms and legs, as if they would go to sleep (after five days),⁹.

Superior Extremities.—Trembling of the right arm if he holds anything at arm's length,¹.—Convulsions in the left arm (which is weaker) up and down, after some exertion, followed by great heaviness of the arm; then a kind of rumbling along down in the muscles, extending into the bone, as from the crawling of a mouse, with which the twitches disappear,¹.—[1010.] The left arm is at times spasmodically flexed,⁹.—Great heaviness and weakness of the arms,¹.—Waking, with inclination to cramp in the arms, and crawling in them, as if gone to sleep, before midnight,⁸.—Dull tearings in the arms and hands,¹.—Drawing pains in the bones of the arm at night, which do not allow him to sleep,¹.—Drawing pain in the muscles of the arm,¹⁰.—Single stitches in the arm, extending into the left side of the chest,¹.—Severe tearing in the arm and hand, extending into the back,¹.—Loss of power in the right arm, almost like paralysis, with feeling of stiffness, especially when writing,⁸.—Weakness of the right arm, with a troublesome crawling in front of both shoulders,⁸.—[1020.] Heaviness in the right arm, a sensation like that left by a severe blow upon the thick part of the forearm,¹.—Drawing in the right arm, which seems heavy as if paralyzed (after fourteen days),¹.—Pressive pain in the right arm,¹.—A slow tearing stitch in the right arm from the shoulder, extending into the hand (after an hour and a quarter),⁴.—The left arm is inclined to become stiff, at night in sleep, which wakes him,⁸.—Stiffness of the left

arm, when raising it above the head and holding it upright for a long time; it seems as if the blood flowed back into it, together with pain in the right side of the chest, as from contraction of the muscles.¹—Tearing in the left arm and shoulder-joint.¹—**Shoulder.** Stiffness of the shoulders.¹—Paralytic pain in the left shoulder (nineteenth day).⁸—The shoulder is painful the whole day, on moving the right arm (third day).⁸—[1030.] The left shoulder pains as if dislocated, from morning till evening (second day).⁸—At night, the arms pain in the shoulder-joint and in the elbow, as if asleep, which awakens her frequently; in the morning after waking the pain was most severe.¹—A dull stitch in the left shoulder.⁸—Goutlike drawings here and there in the shoulder, elbow, and wrist-joints, apparently increased by motion.¹⁰—*Pressure upon the shoulder*.¹—Sharp stitches in the top of the shoulder, both right and left.¹—Tearing in the right shoulder, with bruised pain on the inner border of the right scapula, if she moves the right arm or turns the head to that side; if she turns it to the left side the place feels tense, at 6 P.M.; this is increased every half hour, and lasts a long time.⁸—Tearing in the left shoulder-joint.¹—Pinching in the deltoid muscle, with feeling of coldness that ends in burning.⁶—Drawing pain in the deltoid muscle, extending to the clavicle, now in one, now in the other arm.¹⁰—[1040.] Drawing-cutting in the right deltoid muscle.³—Stitches in the deltoid muscles if she carries anything.¹—Sticking-burning in the axilla.⁸—Dull stitches near the axillæ, extending towards the breast.¹—**Arm.** Burning on the outer surface of the left upper arm.⁸—Drawing pain in the bone of the left upper arm.¹—Sticking pain in the left humerus, in the upper part near the head, extending from within outward.¹—At night she could scarcely rest in bed, on account of sticking pain in the right upper arm.¹—Stitching pain in the right upper arm, on raising the arm.¹—Sharp stitches in the right upper arm, which disappear on rubbing.⁸—[1050.] Sharp stitches in the left upper arm near the shoulder.¹—Tearing in the bone of the left upper arm, extending into the elbow-joint, in which it is most painful.¹—Tearing in the left upper arm just below the shoulder-joint (immediately).¹—Intolerable tearing in the upper arm, especially in the shoulder-joint, at night when warm in bed.¹—The upper arm is painful in the flesh, as if bruised (after seven days).¹—**Elbow.** Quivering externally on the elbow-joint, on leaning upon the arm (after three hours).¹—Pain in the bend of the left elbow, on stretching out the arm, as if a tendon were too short.⁹—Boring in the tip of the left elbow, with a sensation as if it would force him to bend the arm, which it does not do, at 4 P.M.⁸—Drawing pain in the elbow-joints and in the forearms.¹—The elbow-joint is painful, as if he had bruised it.¹⁰—[1060.] Bruised pain in the bend of the elbow and in the pectoral muscles, very much increased by external pressure.⁹—**Forearm.** Swelling in the forearm, as if on the periosteum, which only hurts when pressed.⁹—Slight trembling and twitching in the right forearm, while writing (second day).¹—Paralysis of the forearm; he could scarcely raise it, on account of heaviness and stiff sensation.³—Burning transversely across the forearm, close to the wrist.⁸—Contractive pain in the muscles of the lower portion of the left forearm.⁷—Boring and tearing in a small spot on the right forearm just below the elbow, as if in the bone, at 4 P.M.⁸—Drawing pain in the muscles of the lower portion of the left forearm.⁷—Stitches on the inner surface of the right forearm along the tendons (after three-quarters of an hour).⁸—Painful drawing stitches in the muscles on the lower portion of the right forearm.⁷—[1070.] Tearings in the forearms.⁸—Tearing in the bones of the forearm.¹—Tearings in the

tendons of the right forearm,⁸.—Tearings in the left forearm from the elbow downward,¹.—A throbbing-tearing in the left forearm,⁸.—Paralytic pain in the right ulna,⁸.—**Wrist.** Drawing pain in the wrist,¹.—Drawing pain in the bones of the wrist through the metacarpal bones into the little finger, where it is worst in the tip; on stretching out the hand the pain is increased and the fingers are drawn involuntarily together; after this the drawing extends from the bones of the wrist into the other fingers, and they all after awhile become bent, at times more, at times less,¹.—Drawing painfulness in the left wrist from within outward,¹⁰.—Pain, as if sprained or dislocated, in the right wrist (after eighteen days),¹.—[1080.] A sticking pain, as if sprained, in the right wrist, when at work (after ten days),¹.—A crawling stitch in the right wrist and in the second and third fingers,¹.—Tearing in the right wrist,⁸.—Very painful tearing on the back of the right wrist, extending into the middle finger, with sensation of pinching pain,⁸.—**Hand.** Swelling of the hands at night, with crawling in them,¹.—*Trembling of the hands* (twenty-first day),⁶.—Loss of power of the hands in the room that was too warm,¹.—Spasmodic weakness in the hand, in the morning on waking,¹.—The hand goes to sleep, with crawling in it (after five days),⁹.—Great heaviness of the right hand,¹.—[1090.] Paralytic sensation of the right hand for several weeks,⁹.—A tensive pain, as if sprained, transversely across the left hand, on moving it (after twenty-six hours),⁷.—Spasmodic sensation in the hands,¹.—Jerking stitches in the muscles of the left hand, transversely across the back, on moving the arm (after nine hours),⁷.—Tearings in the hands and fingers (after twenty-four hours),¹.—Tearing in the hand, in the metacarpal bones of the right and left thumb,¹.—Tearing in the inner margin of the right hand, extending towards the little finger, as if in the bone,⁸.—Sensation of fulness in the inner portion of the left hand, when grasping anything,¹.—Tearing on the back, now of one, now of the other hand,¹.—Stitches in the left palm, with crawling in the fingers,⁸.—**Fingers.** [1100.] Small twitchings of the fingers when writing (fourth day),¹.—Drawing-twitching in the left fingers,¹⁰.—Numbness and loss of sensation in the fingers, with tension in them,¹.—The fingers frequently become dead, especially in the morning,¹.—The fingers seem dead; they become icy cold, white, and without sensation,¹⁰.—Pain under the finger nails, when touched,¹.—Burning in the tips of the fingers,¹.—Shooting-burning pain in the joints of the fingers (after thirty-two hours),⁶.—The knuckles of the last joints of the fingers are tense on bending the fingers, in the forenoon,¹.—Pain, as if crushed, in the tips of the fingers, as if they would burst, now in one, now in the other hand (after three hours),¹⁰.—[1110.] Pain, as if crushed, in the tip of the right little finger,⁸.—*Drawing pains in the finger-joints*,¹.—Drawing pain from the right wrist into the fingers,¹.—Drawing pains in the joints of the little finger,¹⁰.—Severe burning-pressive pain under the finger nails, but when touched a pain as from suppuration,¹.—*Stitches in the little finger*, which then extend farther upward, like knife-stitches, with apprehension and an aching about the heart (tenth day),¹.—Tearing in the fingers,⁸.—Tearing in the joints of the right index finger, which are also painful to pressure (fourth day),⁸.—Tearing in the tips of all the fingers of the right and left hand, with trembling of the hands,¹.—Tearing in the left middle finger, with pinching pain, at 3 P.M.,⁸.—[1120.] Transient tearing in the left index finger,¹.—Throbbing pain, as from an ulcer, in the first joint of the right thumb,⁸.—Electric-like shocks shoot several times from the abdomen to the fingers, and

draw them bent,¹⁰.—Crawling in the left ring finger, with twitching in the inner side of the upper arm,⁸.

Inferior Extremities.—**Objective.** Varices on the legs,¹.—Unsteadiness of the limbs, as in drunkenness; he totters from side to side, and it seems that he staggers even more than he really does, when walking, without vertigo,³.—Trembling of the legs when beginning to ascend (*e. g.*, on a ladder), which ceases when he stands and works,¹.—Trembling and shaking of the legs, as from a chill, when walking or standing in the open air; it disappears in the room (after one hour),⁸.—Muscular twitchings in both legs,¹.—Weariness in the legs, especially in the lower legs and knees; he constantly wants to rest when walking, from afternoon till evening,⁸.—[1130.] Excessive weariness of the legs, in the morning, in bed, on waking, which disappears after rising,¹.—Painful weakness in the leg, in the upper and lower leg, when walking,¹.—**Subjective.** Slight falling asleep of the legs,¹.—Very painful heaviness in the legs,¹.—Uneasiness in the legs, in the evening, so severe that she could not sit still,¹.—Uneasiness in the left leg, at night; she did not know where she could put it,¹.—*Distressing uneasiness in both limbs, in the morning, in bed, lasting one hour*,¹.—Drawing in the right leg, with pain in the throat, in the evening,¹.—Drawing pain in the legs, as if in the bones,¹.—Severe drawing and tearing, during a storm, in both legs, extending from the toes up into the thigh,¹.—[1140.] Pain, as if sprained or paralyzed, in the muscles of the leg (in the afternoon and evening),¹.—A slow tearing stitch in the leg, extending from the ankle to the knee, and thence to the hip, though not in the knee itself (after a quarter of an hour),⁴.—Sharp slow stitches in the legs, first from the hip-joint, and then from the patella downward, more painful during rest than when walking (after two hours),¹.—*Bruised pain in the upper and lower legs, in the morning, in bed*,¹.—Severe crawling in the upper and lower legs, and also in the feet,¹.—**Hip.** Prickling-burning pain in the region of the hip,⁶.—Pinching and twinging in the region of the hip, above the articulation, as if the muscles were seized with pincers, with a cold sensation that ends in burning, even when at rest,⁶.—Severe pinching pain in the region of the hip,¹.—Pressive pain above the articulation of the hip, not aggravated by motion,¹.—A drawing-pressive pain in the hip, when sitting and walking,¹.—[1150.] Pain, as if sprained, dislocated, or wrenched, paroxysmal in the left hip-joint, so that he walked lame for a few steps; appearing and disappearing suddenly,¹⁰.—Stitches in the left hip, as if in the bone,¹.—Dull stitches in the hip-joint, extending towards the abdomen, every two minutes, lasting two hours (tenth day),¹.—Tearing in the articulation of the hip-joint,⁵.—Tearing in the hip-joint and down the whole leg, when sitting and walking (after ten hours),¹.—Tearing in the left hip, as if in the bone, during rest and motion; on pressure, a bruised pain,⁸.—**Thigh.** Muscular twitchings in the left thigh, above the knee,¹.—Sensation of excessive weariness in the upper part of the thigh, from without inward, worse when the limb is at rest, when it compels him to move the leg constantly back and forth,³.—Weakness of the thighs, with want of breath,¹.—The thighs feel paralyzed when sitting or walking,³.—[1160.] Sudden heat interally in the left thigh,¹.—Tension in the bend of the right thigh, in the morning, on rising and on bending the knee (nineteenth day),⁸.—Stitches in the left thigh (immediately),¹.—Frequent stitches in the bend of the right thigh,⁸.—A stitch in the left thigh, extending up to the chest, in the evening, when walking,¹.—A severe needle-like stitch on the outer surface of the right thigh, just above the knee (after

one hour and a half),⁸.—Tearing in the middle of the left thigh, which disappears on rising from sitting,³.—Paralytic tearing on the outer surface of the right thigh,⁸.—A scraping-tearing in the left thigh,¹.—Soreness in the upper part between the legs,¹.—[1170.] Painful soreness on the upper inner portion of the female thighs, where they touch when walking,¹.—Pain in the nates, when sitting, as if bruised or numb,¹.—Trembling or throbbing sensation, like a painful tingling, in the flesh of the thigh,⁸.—Jerking pain in the thighs, from the nates downward (after five days),⁹.—**Knee.** *Cracking of the knees when walking,¹.—Painful cracking in the knee, when walking, as if it would be broken or sprained,¹.—*Stiffness in the left knee when walking,¹.—Stiff pain in the patella when rising,⁹.—Weariness of the knee-joint, worse when ascending steps than when walking on a level,³.—Extreme weariness of the knee-joint and heaviness of the foot, after walking,³.—[1180.] Weakness of the knees, so that they knock under,¹.—*Tensive pain and stiffness in the hollow of the knee when walking,⁹.—*A tension in the hollows of the knees when sitting or beginning to walk, relieved by continued walking,¹.—Painful boring in the right knee, at times with a bruised pain on pressing upon it, which continues a long time,⁸.—Severe boring in the right knee, with bruised pain on pressing upon it,⁸.—Drawings in the knee-joint,⁹.—Drawing pain in the knees, as if weary from walking, worse when extending the knees than when bending them,¹.—Drawing and jerking pain in the left patella,⁹.—At first a drawing, then a jerking pain in the knee,⁹.—A stitch in the knee when at work (after ten days),¹.—[1190.] Tearing in the right knee (after forty-eight hours),¹.—Tearing in the left knee, and thence downward through the toes (after two hours),³.—Tearing on the outer side of the left knee,⁸.—Tearing and stitching in the knee, so that he could not step, and at night so that he could not sleep on account of it,¹.—Tearing in the patella at night, on account of which she did not sleep the whole night,¹.—Drawing-tearing in the knee, extending thence into the ankles, in the evening,¹.—Sore pain in the knee,¹.—Pain, as from an ulcer, externally in the knee, which extends to the thigh (after fourteen days),¹.—Beatings in the tendons above the bend of the left knee (after one hour),⁸.—Jerking in the left knee in the afternoon, which soon disappears,⁸.—**Leg.** [1200.] Sensation of heaviness in the lower legs and feet at night, in bed,¹.—Aching of the legs (after the large flow of urine),¹⁴.—Drawing pain in the lower leg,¹.—Cramplike drawing down the whole of the outer side of the right lower leg, when sitting or standing,³.—Tearing on the outer portion of the left lower leg, from the knee downward, when sitting; on rising from sitting, the pain extends into the hip-joint; when walking or pressing upon it, there is a bruised pain in the hip, which does not disappear when sitting,⁸.—Dull tingling gone-to-sleep sensation in both lower legs and knees, in the morning (fourth day),¹.—Pain, as from a blow, on the right tibia,⁸.—A hard pressure in the leg down along the tibia,¹.—A burning-tearing in the tibia,⁸.—Tension in the right calf, as if some one forcibly contracted the skin, during rest and motion, in the evening, from 7 to 8,⁸.—[1210.] Contraction in the right calf, during rest and motion,⁸.—*Cramp in the calf in the morning, in bed* (after twenty hours),¹.—Cramp in the calves at night,¹.—Drawing in the calf, with a sensation as though the right leg were too short, when rising from sitting and when walking,⁸.—Intermitting stitches in the left calf (nineteenth day),⁸.—Tearing in the calf and on the back of the foot,⁸.—Tearing down the left calf, not relieved by rubbing (after one hour),⁸.—Tearing from the outer portion of the right calf to the outer margin of the foot, worse on moving the foot or toes,⁸.—

Severe tearing in the tendons beneath the right calf*,⁸.—A bruised pain in the right calf, which extends upward into and about the knee, the whole forenoon (second day),⁸.—[1220.] Crawling and prickling in the left calf, as if it would go to sleep (after three-quarters of an hour),⁸.—Crawling in the left calf; extending to the bend of the knee (after a quarter of an hour),⁸.—Tearing in the left tendo Achillis, when sitting,⁸.—*Ankle*. *Stiffness in the ankle*,¹.—Pain, as if weary or paralyzed, in the ankle, when sitting after walking; it immediately disappears when she walks again,¹.—Drawing in the ankle (after twelve hours),¹⁰.—Drawing pain in the ankle when sitting, with sensation on stepping as if the leg would bend under,³.—Pain, as if sprained, in the ankle, if she made a false step or bent it from side to side, when there is also cracking in the joint,¹.—Pain, as if sprained or as if it would be broken, in the ankle when walking,¹.—Tearing in the outer malleolus, in the evening,⁸.—*Foot*. [1230.] Swelling, especially of the anterior part of the foot, late in the evening, with heat, burning sensation, and internal itching, as if it were frozen; on external pressure it is painful, as if suppurating,¹.—Weakness of the feet in the morning, so that he can scarcely stand (second day),⁸.—The feet go to sleep when sitting or lying,⁸.—*Cramp in the feet* (after four and eleven days),¹.—Cramp in the foot on stretching it out,¹.—Drawing in the right foot in the evening,¹.—Tearing in the inner margin of the foot, even in the morning, in bed,⁸.—Tearing in the inner margin of the right foot,⁸.—Tearing in the ball of the foot, behind the great toe,⁸.—Drawing in the tendons of the right instep, which extends into the great toe, where it is only felt on motion,⁸.—[1240.] Pressure on the back of the foot,⁸.—Tearing in the back of the left foot,¹.—Burning in the soles,¹.—Cramp in the right sole and tendo Achillis on stretching them out,¹.—Aching in the soles of the feet, like a disease of a nerve,¹.—*Crawling in both soles*, as if there was something living in them,¹.—A tingling burning-crawling in the soles,¹.—Numbness and pithiness of the heel when stepping,¹.—Tension in the heel and tendo Achillis (after twenty days),¹.—Sudden tearing in the right heel,⁸.—[1250.] Crawling and itching in the right heel, as if it would go to sleep, obliging her to scratch, after which it disappears,⁸.—*Toes*. Pain, as from inflammation, behind the nail of the great toe,⁸.—Pain in the great toe, as if burnt,¹.—A crawling-burning in the ball of the great toe*,⁸.—**Severe pressive pain on the posterior joint of the great toe*,¹.—Fine stitches in the great toe,¹.—A long stitch in the great toe,⁹.—Severe needle-like stitches in the ball of the great toe, during rest and motion,¹.—**Violent burning stitches in the ball of the great toe*,⁸.—A piercing-burning stitch beneath the nail of the left great toe,⁸.—[1260.] Violent tearing in the left great toe towards the tip,⁸.—Violent tearing in the great toe,¹.—Pain in the great toe, as if suppurating,¹.—Crawling in the ball of the great toe,⁸.—A burning-tearing behind the nails of the first and second toes,⁸.—Suppuration of the nail, a burrowing-burning pain near the nail of the left great toe, with proud flesh (after three days),¹.—Violent stitches in a corn on the little toe,¹.—Tearing on the outer side of the little toe,⁸.—Tearing on the outer margin of the right little toe,⁸.—Burning-tearing in both little toes,⁸.—[1270.] Boring and burning pain in a corn,¹.

General Symptoms.—Objective. Spasm; in the evening, in a room, he felt in the head as though he were turning involuntarily hither and thither, with which he was dizzy and apprehensive; the face pale, with heat over the whole body; all this disappeared when he went into the open air (twenty-ninth day),¹.—Attack of spasm; when slumbering in the evening,

in bed, he felt that he could not move the tongue well, rose up, cried out, but fell back again, stretched out the arms and legs, then he moved them; the eyes were distorted, he gnashed his teeth, together with flow of saliva from the mouth and icy coldness; after a quarter of an hour his consciousness returned, but with it great anxiety, which returned after three-quarters of an hour, with transient thoughts and lolling tongue, all of which was relieved by a swallow of cold water,¹.—Attack of spasm; in the morning, in bed, heat; after rising, he felt cold in the arm in which he had the first jerk, with severe twitchings in the upper part of the body, in the trunk, and in the arms, with, however, undiminished consciousness, only with apprehensiveness (after thirteen days),¹.—Frequent starting up (fourth and fifth nights),¹.—Muscular twitches in one or another part of the body,¹.—*Tremulous*,⁹.—Trembling and apprehensiveness after supper,¹.—Trembling of the whole body in the morning, on waking,¹.—General trembling,¹.—[1280.] Laxity and almost irresistible sleepiness,⁶.—Stiffness of all the joints if she did not move for a quarter of an hour, when sitting or lying, so that she had difficulty on beginning to walk again,¹.—Languor, depression (after the large flow of urine),⁴.—Weariness, with sweat on walking (after forty-eight hours),¹.—After walking in the open air, weariness, with disinclination to work (after six hours),¹.—Weariness after walking a little, so that he could not move his legs,⁹.—Weariness in the morning, in bed, as if he would fall asleep again, disappearing after rising,¹.—Weariness, with anxiety,¹.—Great weariness at noon, which was relieved on walking in the open air,¹.—Weary, prostrated, and sick feeling in the whole body, especially in the evening, as if a severe illness were imminent,⁸.—[1290.] Very weary; he could not rest a limb,⁹.—Very weary and not cheerful in the morning, on rising; she was obliged to sit down to rest while dressing; after some time she became cheerful,¹.—Very weary in the evening; she is obliged to lie down, but cannot sleep until 1 o'clock on account of wakefulness; the legs ache as if heavy,¹.—Tremulous weakness and palpitation after a stool,¹.—Very weak, and soon exhausted after a slight effort,¹.—*Faintlike sinking of the strength*,¹.—Attacks of faintness after lying down in bed (after twelve hours),¹.—He feels suddenly as though he would fall, without vertigo,¹.—On walking in the open air, he suddenly fell without consciousness, but immediately arose again (after one hour),¹.—Uneasiness of the whole body, especially of the head, like a painless burrowing, for several days, at different times,¹.—[1300.] Uneasiness at night, in bed, with violent, very anxious weeping and indistinct talking,¹.—**Uneasiness of the body, with anxiety about the heart, while sitting; she was obliged to rise and walk about*,¹.—Uneasiness on rising from sitting and when walking,¹.—Can find no quiet place; every part hurts as if bruised,¹.—**At night he can get no quiet position; he cannot lie still a moment*,¹.—*Subjective*. Internal trembling sensation,¹.—Numbness and deadness of all the soft parts of the whole left side of the body, even in the foot and head, as if there was no blood in the skin,¹.—With uneasiness in the blood and anxiety of mind, she suddenly became so sick and weak that she could neither stand nor walk, but was obliged to lie down,¹.—Wherever she takes hold of herself, it burns,¹.—Pinching pain here and there in the body,¹.—[1310.] Pinching pain here and there in the body and various portions of the skin,¹.—Drawing in several parts of the body, which increases to tearings,¹.—Drawing pain, especially above the knees,¹.—Sticking pain in nearly all portions of the body (first days),¹.—Transient sticking or contractive pains, now here, now there (after the cessation of menstruation),¹.—Slight stitch-

ing here and there in the body,¹.—**Tearings, especially in the joints, and from them through various bones in the body, sometimes in several at once; the pain was not aggravated by external pressure*,¹.—Bruised pain in the whole body, especially in the arms, when sitting, which disappears on working and in the open air (after twelve days),¹.—**At night the side, hip, and thigh upon which he lay were sore, as if bruised or as if pressed; he was frequently obliged to turn over*,¹.—Every portion of the body which he touches is painful, as if bruised,⁹.—[1320.] The whole right side of the body feels bruised,¹.—The primary action seems to appear later than in other antipsoric remedies,¹.

Skin. — Objective. Red spot above the upper lip, which seems cracked and causes a burning pain (fifth day),¹.—Large red spot on the penis,¹.—Spotted skin, full of dark-red veins, on the upper and lower legs,¹.—A red painful spot upon the tibia, which extends along the length of the leg, and itches when healing,¹.—**Eruptions, Dry.** Old brown liver-spots become elevated, with corrosive itching,¹⁰.—Eruption of the size of the head of a pin, with a hollow tip, without moisture, on the forehead, neck, shoulder-blades, arms, lower abdomen, especially on the thighs and in the hollows of the knees; they itch, especially in the warmth of the bed, with burning after scratching; when not warm they are scarcely noticeable in the skin, of a whitish color, on scratching soon become prominent, and after scratching leave behind a red spot with a large areola, for five days (after sixteen hours),¹.—*Eruption in the face*,¹.—Fine eruption in the face, more felt than seen,⁹.—[1330.] Papulous eruption on various portions of the body, with gnawing corrosive itching, which burns after scratching,⁵.—Papulous eruption between the eyebrows, above the nose,¹.—Papulous eruption on the left cheek, with severe itching,¹.—Papulous eruption near the left lip,¹.—Papulous eruption in the left corner of the mouth, with crawling-sticking,¹.—Tetter on the lower lip,¹.—Itching tetter on the back of the ring finger,¹.—Itching tetter on the nates (after six days),⁹.—Rash on the neck, between the scapulæ, and on the back, with itching,¹.—Severe itching nettlerash, especially of the thighs, just above the knees (after twelve days),¹.—[1340.] Pimples of the size of a hazelnut under the skin on the right side of the body, on the chest, arm, back, and bend of the elbow, with stitching pain on touch and a sore pain on hard pressure (after twenty-four days); afterwards they are painful, and sting, even when not touched, but are not increased by touch,¹.—A pimple behind the ears,¹.—Eruption of pimples at the root of the nose,⁹.—*Eruption of pimples on the tip of the nose*,¹.—Small pimples beneath the left corner of the mouth, lasting twenty-four hours,⁸.—A tensive pimple on the neck,⁸.—Small itching pimples on the forearms,¹.—A pimple on the right thumb, without sensation,⁸.—An eruption of pimples on the index finger, which become warts,¹.—**Eruptions, Moist.** Eruption like chicken-pox in an infant,¹.—[1350.] **An excessively itching and moist tetter on the neck*,¹.—Burning vesicles in the face, which, when touched, exude a corrosive water; afterwards they dry up to a scurf,¹⁰.—Vesicular eruption in the right corner of the mouth, which pains when eating,¹.—Vesicles under the prepuce, which become suppurating ulcers,¹.—Excoriated vesicles on the heels, which gradually disappear, with much itching,¹.—Large blisters on the chest and back, with anxiety of the chest and fever, consisting of chill, heat, and sweat,¹.—Large painful blisters on the left side of the chest and back, which become flattened; with great fever, heat, sweat, and anxiety,¹.—A blister on the calf an inch and a half in diameter, almost painless; it dis-

charges water for two days, and the spot heals without suppuration,¹.—Large blisters on the feet from rubbing them somewhat,¹.—**Eruptions, Pustular.** Red pimples on the left side of the forehead, the left temple, on the nose, and on the middle of the chin, filled with pus, stinging when touched, and when healing covered with scurf,¹.—[1360.] Large painful boil near the anus, discharging pus and blood, making one very sick,⁹.—On the chin, near the lower lip, a boil, with red areola (after twenty-seven hours),⁷.—A boil upon the back,¹.—**Ulcers.** An ulcer, with burning pain, on the inside of the upper lip,¹.—Ulceration of the tip of the thumb,¹.—The heel was ulcerated,¹.—An ulcer (on the lower leg) is surrounded by a red areola, which is hard, and discharges more blood than pus, of an offensive odor; the pain makes him sleepless at night,¹.—Cutaneous wounds that had almost healed open again and discharge matter,¹.—**Subjective.** Creeping in the skin, as from ants,¹.—*Itching over the whole body*,⁹.—[1370.] Itching over the whole body at night, with dry heat,¹.—Itching over the whole body, with redness like scarlet rash, with many vesicles; the itching is not relieved by scratching,⁸.—Itching, especially in the hollow of the right knee (after three days),⁹.—Itching in various portions of the body,³.—Itching in various portions of the body, relieved by scratching,⁸.—Itching here and there, especially on the head and in the face,⁸.—Stitchlike itching over the skin,¹.—Soreness, as if excoriated, on the thigh, on the upper inner portion near the scrotum, with itching, and, after rubbing, smarting (after forty hours),¹.—Crawling and sticking in the left great toe, as if it would go to sleep,⁸.—Crawling in the skin of the right forearm, relieved by rubbing,⁸.—[1380.] Tickling of the toes, as if they had been frozen,⁸.—Severe tickling in the sole of the right foot, so that she could not scratch it enough,⁸.—Itching on the head, on the nose, and on the chin,¹.—Itching above the eyes,¹.—Itching on both eyebrows, on the left malar bone, on the temples, and the ears, relieved by scratching,⁸.—Itching on the lobule of the ear, as from a small tetter,⁹.—Itching in the nose,¹.—*Itching of the tip and wings of the nose*,³.—Much itching on the nose, chin, and throat, below the ears,¹.—Severe itching on the nose,¹.—[1390.] Burning-itching near the nose,⁸.—*Itching in the face*,¹.—Corrosive itching in the face, with rush of blood to it, with heat and redness, followed by an eruption of many small red pimples,¹⁰.—Itching about the mouth,¹.—Itching in the palms, and after scratching itchiug vesicles appear,⁸.—Itchiug in both hips,³.—*Itching in the scrotum* and on the skin of the penis,³.—The scrotum itches and sweats,¹.—Severe itching about the breasts,¹.—Itching in the skin of the back (after ten hours),¹⁰.—[1400.] Itching in the back and some sweat,¹.—*Much itching on the back* and on the calves,¹.—A fine sticking-itching, as from fleas, that obliges him to scratch, on the back, shoulders, arms, and thighs, but especially on the backs of the fingers,¹.—*Itching of the arms*,⁸.—Itching (sometimes with burning after scratching) and itching pimples and vesicles on the fore-arms,⁸.—Itching in both hands,¹.—Itching on the back of the left hand,¹⁰.—Much itching of the palms,¹.—A stitchlike itchiug on the iudex finger,⁸.—Itching in the left index finger, and after scratching a burning-itching pimple,⁸.—[1410.] Itching between the fingers,⁹.—Itching on the last and middle joints of the fingers of the left hand,³.—Itching on the nates and back of the thighs,⁹.—A sticking-itching on the right nates,⁸.—Itching of the thighs,¹.—A sticking-itching of the thigh towards the outer part,³.—Much itching of the patella,¹.—Itching on the legs,¹⁰.—Severe itchiug on the back of the foot (after sixteen days),¹.—*Much itching on the backs of the*

feet,¹.—[1420.] Voluptuous itching of the last joint of the great toe, during rest and motion,¹.

Sleep and Dreams.—Sleepiness. *Yawning and stretching of the limbs frequently,*¹⁰.—*Yawning and stretching at night,*¹.—Frequent yawning in the forenoon and afternoon,⁸.—Excessive yawning the whole evening, without sleepiness (after twelve hours),¹⁰.—Excessive frequent yawning, which often preceded intermitting hiccough, from 11 A.M. to 3 P.M.,².—Sleepiness, especially when sitting, though also when walking,⁶.—*Great sleepiness, so that he could scarcely resist it, and was obliged to lie down, even when busy,*⁸.—Unusual sleepiness in the afternoon,¹⁰.—Unusual inclination to sleep; she was obliged to sleep every hour, but the sleep did not refresh her,¹.—[1430.] Very weary, with sleep during the day,¹.—Very drowsy in the morning (after nine days),¹.—He falls asleep while conversing,⁸.—He sleeps after dinner, and becomes sleepy early in the evening (after three days),⁹.—After dinner he was obliged to lie down and sleep, contrary to his habit,⁸.—Long sleep in the morning,⁹.—She sleeps longer than usual, and can scarcely be awakened in the morning (after three days),¹.—**Sleeplessness.** *Loss of sleep at night,* on account of dry heat,¹.—Frequent waking from sleep without cause,⁸.—At night frequent waking, with slight sweat all over, which increased on waking,⁷.—[1440.] He awoke every night (in winter) about 4 o'clock, and could hardly ever sleep again,¹.—He awoke every night at 2 o'clock, and then could not sleep again,¹.—Sleep until midnight, then he could not fall asleep again on account of bruised pain in the whole body, for three nights,¹.—**Very uneasy all night; when she had slept a short time, she was awakened by great anxiety and uneasiness, which scarcely allowed her to remain ten minutes in one place; she was then obliged to sit up; she turned her head involuntarily from one side to the other, until being exhausted she fell asleep again* (after twelve days),¹.—Very uneasy, with frequent crying in sleep, for sixteen nights in succession,¹.—Starting up in fright when asleep,¹.—*Frequent starting up in fright from sleep* (third and twelfth days),¹.—She frequently starts up and cries out in sleep,¹.—She was obliged to turn constantly at night, and had slight sweat in the morning,¹.—**He makes many motions with his arms and legs, at night in sleep,*¹.—[1450.] Loud laughing in sleep (first day),⁸.—He talks after midnight in a whining way in his sleep, "Come here, come here," and then sleeps so quietly that one could not hear him breathe,¹.—**Dreams.** Many dreams at night,¹.—Many confused dreams,¹.—Laughs aloud in his dream,¹.—Dreams at first merry, then confused historical dreams, at night (first night),⁸.—Lewd dreams the whole night,¹.—Voluptuous lewd dreams of beautiful girls, with emissions (first and second days),⁸.—Sad dreams of dead acquaintances,⁸.—Anxious dreams,¹.—[1460.] *Fretful dreams,*¹.—Fretful dreams, vividly remembered (fifth day),⁹.—Dreams full of strife, with uneasy sleep at night (first night),⁷.—Frightful dreams, from which he is awakened, and on account of anxiety, which they cause, he cannot fall asleep again (twenty-first day),¹.

Fever.—Chilliness. Shivering over the whole body in a room, lasting five minutes,⁸.—Shivering over the whole body as often as he lays down the left hand, after motion,⁸.—Shivering, with gooseflesh the whole day, as often as she goes into the open air,⁸.—Shivering every time on waking from sleep at night,⁷.—Shivering, with gooseflesh, and urging to stool, which is very soft, accompanied by painful pinching in the whole abdomen, followed by general chill, with external coldness, which soon disappeared in the room, where it is replaced by sensation of internal warmth in the head,⁸.—

With increasing pain in the stomach she shivers,¹.—[1470.] Very sensitive to the cold air (after ten days),¹.—Very sensitive to a draft; it is very unpleasant, and causes pressive pains,⁹.—Greater sensitiveness to the free air (in May than in winter),¹.—Takes cold very easily, even from a transient draft, together with chilliness over the whole body,¹.—Chilliness and yawning,⁸.—Chilliness in various parts of the body,³.—Chilliness over the whole body, in the open not cold air,¹.—Chilliness towards morning, when asleep,¹.—Chilliness after a meal,^{1,9}.—Chilliness, with hot face, after eating,¹.—[1480.] At 4 P.M., first chilliness, with creeping in the legs up into the back, with weariness, lasting three hours, followed by sweat, without heat or thirst,¹.—Much internal chilliness the whole day (first week),¹.—He is always either chilly or in a sweat,¹.—Febrile chill, lasting one hour, followed by heat in the forehead,¹.—Shivering chill over the whole body, without thirst and without subsequent heat,⁷.—Shaking chill over the whole body in the open air, which disappears in the room, at 7 P.M.,⁸.—Shaking chill over the whole body, with gooseflesh, lasting two minutes,⁸.—Transient shaking chill over the whole body,⁸.—Severe shaking chill in a warm room, lasting a quarter of an hour,⁸.—Severe internal chill about midnight, especially in the arms and legs, with cutting pain in the back, followed by general sweat, with tingling and heaviness of the head; was obliged to remain lying until noon (twenty-ninth day),¹.—[1490.] Coldness in the open air, after dinner,⁸.—Frequent internal coldness, with cold hands and feet,¹.—Chill the first half of the night, followed by heat, and towards morning moist skin, after which there was for the first time some rest and sleep (third day),¹.—He feels feverish; at one time chilliness, at another heat in the face,¹.—Shivering over the whole of the right side of the body,¹.—Sudden shivering from the face, extending over the chest down to the knee,³.—Shivering, extending from the face down along the back as far as the knee,³.—Shivering in the neck, extending into the brain, in the evening,¹.—Continual febrile shivering along the back,¹.—Some attacks of shivering in the back, extending over almost the whole of the abdomen, without heat during or afterwards,¹.—[1500.] Frequent shivering, now in the upper arm, now in the leg, now over the whole body,¹.—Sensation of shivering, extending from the right temple through the forehead, where it becomes a throbbing,⁸.—The whole of the left side of the body is cold and gone to sleep,¹.—Coldness of the whole of the left side of the body,¹.—Sensation as if cold water was running from the right clavicle across the chest down to the toes in a small stream, lasting two minutes,⁸.—Sensation as of a cold wind blowing upon the middle of the spine between the shoulder-blades; this part remains cold even by a warm stove,¹.—Cold and stiff sensation in the right forearm and fingers; he could not get the arm warm even by the hot stove,¹.—Coldness of the hands, which extends up the left arm to the elbow,¹.—Coldness of the hands and feet,³.—Painful coldness of the hands and soles of the feet,¹.—[1510.] *Cold feet*,^{3,6}.—Always very cold feet,¹.—*Heat*. After walking, flushes of heat and discomfort (after four hours),¹.—Heat for two hours every evening, beginning at 6 (seventh week),¹.—After walking slowly in the open air, he is very much heated and much excited,¹.—Falls asleep late in the evening, on account of great heat of the body,⁸.—Much orgasm of blood (first day),¹.—Sensation of rising heat in the head, with sweat in the palms in the room, after a chill,⁸.—Internal warmth in the forehead and in the back, as if sweat would break out, which soon disappears,⁸.—Warmth and redness of the face, after eating,⁶.—[1520.] Much heat in the face and eyes, after eating (after eight days),¹.—*Sweat*. Frequent attacks

of sweat over the whole body,⁸.—In the morning he lay in a sweat,¹.—Sweat when walking in the afternoon, with great weariness,¹.—Sweat at night,⁸.—*Night-sweat* for two nights in succession (after thirty-six hours),¹.—Night-sweat for several nights in succession (after eleven days),¹.—General sweat at night, with uneasy sleep,⁶.—He awoke about 4 A.M., with profuse sweat all over the body, without thirst; this continued twenty-four hours,².—*Profuse sweat when walking in the open air*,¹.—[1530.] **Sour-smelling night-sweat all over* (after twenty-six days),¹.—Moisture over the whole body, without heat and without thirst, followed by general gradual coolness, with yawning and stretching of the arms,⁴.—Sweat on the back and abdomen, after long-continued walking,¹.

Conditions.—**Aggravation.**—(*Morning*), On waking, anxiety; confusion of head, etc.; on rising from bed, vertigo; on stooping, vertigo; dizzy, etc.; on waking, pain in top of head; after rising, beating, etc., in vertex; *dryness, etc., of eyes*; pressure in eyes; *difficult opening of eyes*; sensation in lids; after waking, pain in right inner canthus; itching in eyeball; when blowing nose, obscuration of eyes; after waking, *dim vision*; stopped sensation in ears; re-echoing in ear; swelling of nose; blood blown from nose; *frequent sneezing*; tearing in roots of teeth; teeth, etc., sensitive; pain in teeth; *hawking of mucus*; dryness of throat; on waking, pressure in throat; thirst; nausea; soon after rising, pain in stomach; on waking, cramp in stomach; *pressure in stomach*; in bed, griping about umbilicus; *pain in abdomen*; pressive pain in abdomen; stitches in right side of abdomen; cutting colic; erections, etc.; after coition, frequent erections; **hoarseness, etc.*; voice stopped; **cough*; **hollow cough*; hoarse cough; on waking, dry cough; shortness of breath; sensation in chest; rawness in chest; in bed, rushing in left chest; palpitation, etc.; pain in arms; on waking, weakness in hand; fingers become dead; in bed, on waking, weariness of legs; *in bed, uneasiness in both limbs*; *bruised pain in legs*; sensation in lower legs, etc.; on rising, tension in bend of thigh; *in bed, cramp in calf*; weakness of feet; on waking, trembling, etc.; in bed, attack of spasm; in bed, weariness; on rising, very weary; drowsy; sweat.—(*Forenoon*), Pain in all the teeth; dryness of mouth; accumulation of saliva; sore throat; waterbrash; erections; *cough*; on deep respiration, stitches in chest; on waking, trembling; pain in calf.—(*Afternoon*), *From 4 o'clock till evening, burning, etc., of eyes; throbbing in forehead; pain in teeth; offensive taste; nausea; nausea, etc.; *stitches in hepatic region*; pressure in abdomen; oppression of chest; weariness in legs; pain in muscles of leg; jerking in left knee; 4 o'clock, chilliness, etc.; when walking, sweat; towards evening, pain in small of back.—(*Evening*), *Before going to sleep, anxiety*; *frightful ideas*; rush of blood to head; stitches in left side of head; burning in scalp; *6 to 8 o'clock, burning, etc., in eyes; in bed, stitches in ear; sensation in left ear; pain in right meatus; ringing in ear; swelling of the gum; scraping in fauces; on lying down, waterbrash; when beginning to eat, nausea; stitching below right ribs; tearing in liver; *distension of abdomen*; abdomen full, etc.; pressure in abdomen; *stitches in abdomen*; diarrhoea; after urinating, pain in urethra; **hoarseness*; **cough*; hoarse cough; pain in right chest; palpitation, etc.; twitching in limbs; **uneasiness in limbs*; pain in muscles of leg; drawing in right leg; when walking, stitch in thigh; drawing-tearing in knee; 7 to 8 o'clock, tension in calf; tearing in outer malleolus; drawing in right foot; when slumbering in bed, attack of spasm; *weary*; yawning; shivering in neck; beginning at 6 o'clock, heat.—(*Night*), *Anxiety, etc.*; fearfulness; *in bed, on*

rising and lying down again, vertigo; headache; pain in middle of forehead; open mouth, etc.; dryness of mouth; vomiting of blood; on waking, *pressure in stomach*; uneasiness, etc., in abdomen; colic in groins; diarrhœa; **suddenly, burning in urethra*; urging to urinate; leucorrhœa; on waking, cough; **hollow cough*; dry cough; at 2 A.M., cough; when lying, stitches in neck; heaviness in limbs; pain in bones of arm; pain in arms; when warm in bed, tearing in upper arm; swelling of hands; uneasiness in leg; tearing in patella; in bed, sensation of heaviness in lower leg; cramp in calves; in bed, uneasiness, etc.; ***cannot be still**; **side, etc., sore*; itchiug all over; *yawning, etc.*; on waking, shivering; sweat.—(*Before midnight*), Waking, etc.; chill.—(*About midnight*), Internal chill.—(*After midnight*), Bruised pain.—(*Towards morning*), When asleep, chilliness.—(*Open air*), Vertigo; *lachrymation*; tearing in tooth; shivering; pressure on forepart of chest; shaking chill.—(*Walking in open air*), Blood rushes to head, etc.; sensation as if brain were loose, etc.; shortness of breath; stitches in chest; trembling, etc., of legs; *profuse sweat*.—(*When beginning to ascend*), Trembling of the legs.—(*When ascending steps*), Weariness of knee-joint.—(*On blowing nose*), *Obscuration of vision*; **pain in larynx*.—(*After breakfast*), Pressure in stomach; frequent passage of flatus; stitches in right groin.—(*When breathing*), Pain in abdomen.—(*Deep breathing*), Pressure in pit of throat; clawing in pit of stomach; distension of abdomen; stitches in chest; stitches in sternum.—(*Carrying anything*), Stitches in deltoid muscles.—(*After coition*), Drawing pain in rectum.—(*Cold air striking the abdomen*), Pressure in stomach.—(*On coughing*), **Pain above left hip*; stitches in left chest.—(*After dinner*), Itching in anus; immediately, urging to stool; especially when walking, pressure upon chest; sleepiness; coldness in open air.—(*After eating*), Thirst; distension of abdomen; rumbling in abdomen; griping in abdomen; cutting from pit of stomach to abdomen, etc.; short cough; oppression of chest; stitches in left chest; chilliness; warmth, etc., of face; heat in face, etc.—(*While eating and drinking*), Pain in hollow teeth.—(*After eating and drinking*), Immediately, abdomen full, etc.—(*After an emission*), Burning urine.—(*Exerting voice*), Pain near scapula.—(*On physical exertion*), Stitches in sternum.—(*On making an exertion with head*), Throat feels torn.—(*Expiration*), Stitches in sternum, etc.—(*Extending knees*), Pain in knees.—(*In heated room*), Pain in forehead.—(*Inspiration*), Stitches in breast; stitches in right chest.—(*On laying down left hand*), After motion, shivering.—(*Leaning against table*), Pressure in stomach.—(*On lifting*), Throat feels torn; *stitches in sternum*.—(*On looking fixedly*), Vertigo.—(*On looking up*), Vertigo.—(*Lying*), Catarrh, etc.; pain in right side of abdomen; pain in side of chest; feet go to sleep.—(*After lying down*), Dyspnœa.—(*When lying on back*), Pressive pain in liver.—(*After lying down in bed*), Attacks of faintness.—(*After a meal*), Mucus in throat; chilliness.—(*Before menstruation*), **Melancholy*.—(*On appearance of menses*), **Cutting colic*.—(*During menstruation*), Ill-humor, etc.; *vertigo, etc.*; face yellow; **cutting colic, etc.*; pain in abdomen; pain beneath left breast; pains in back.—(*Motion*), Tearing in head; headache in temple; **cutting colic*; especially when walking, pain in *mons veneris*; stitches in left chest; pain on border of shoulder-blade; pain in small of back; drawing in shoulder, etc.; drawing in great toe.—(*Sudden motion*), Pain in stomach.—(*On moving mouth*), Pain in teeth.—(*On moving arm*), Pain in pectoral muscles; stitches in muscles of left hand.—(*Moving foot or toes*), Tearing from calf to foot.—(*Reading aloud*), Pressure in stomach.—(*Reflecting*), **Painfulness of hæmorrhoids*.—(*Rest*), Stitches in legs; sensation

in thigh.—(*When riding*), Stitches in hepatic region.—(*When rising*), Pain in patella.—(*Rising from sitting*), Feeling in limbs; tearing in hip-joint; drawing in calf; uneasiness.—(*In room*), Headache in forehead; lachrymation; feeling in head.—(*Sitting*), *Vertigo*; rumbling in abdomen; dragging in inguinal regions; pain in hæmorrhoids; **pain in small of back, etc.*; dyspnœa; **tension in hollow of knee*; tearing in lower leg; tearing in tendo Achillis; after walking, pain in ankle; feet go to sleep; **uneasiness of body, etc.*; bruised pain in body; sleepiness.—(*When sitting bent*), Quivering in lower abdomen.—(*After midday sleep*), Becomes easily violent.—(*Speaking*), **Cough*; **arrest of breath*.—(*When stepping*), Numbness, etc., of the heel.—(*Before stool*), Twisting pain in abdomen.—(*After stool*), *Anxiety*, etc.; water flows from mouth; nausea; pressure in rectum; *burning in anus*; pain in anus; dyspnœa; *anxiety in chest*; tremulous weakness, etc.—(*Standing*), *Vertigo*; **obscuration of eyes*; pain in hæmorrhoids.—(*Stooping*), Confusion of head; *vertigo, etc.*; sensation in head; immediately on moving arms violently, cutting in frontal bone; pressure in intercostal muscles.—(*On stooping to pick up anything*), **Cough*.—(*During a storm*), Pain in legs.—(*On stretching out foot*), Cramp in sole, etc.—(*After supper*), Heartburn; nausea; trembling, etc.—(*Talking much*), Pressure in stomach.—(*Tobacco-smoking*), Pain in forehead.—(*Swallowing and hawking*), Pain near scapula.—(*Touch*), Pressive pain in eye.—(*After urinating*), Pain in urethra.—(*On waking*), From the evening sleep, nausea.—(*Walking*), Bruised pain in groin; **painfulness of hæmorrhoids*; urging to urinate; sensation in small of back; weakness of legs; **cracking of knees*; **stiffness of knee*; weariness of knee-joint, etc.; **pain, etc., in hollow of knee*; pain in hip; drawing in calf; weariness, etc.; pain in ankle; uneasiness.—(*Walking fast*), Constrictive pressure in forehead; pressure on occiput, etc.; **arrest of breath*.—(*When beginning to walk*), **Tension in hollow of knee*.—(*After walking*), Weariness of knee-joint; flushes of heat, etc.—(*Becoming warm after being cold*), Cough.—(*Warmth of bed*), Eruptions itch.—(*In warm room*), After returning from open air, headache in forehead; loss of power in hands.—(*Wiping and rubbing eyes*), Dim vision.—(*Writing*), Loss of power in right arm; trembling, etc., in forearm; twitchings of the fingers.

Amelioration.—(*Afternoon*), *Vertigo*.—(*Open air*), *Vertigo*; rush of blood to head; screwing-in, etc., of head; feeling in head, etc.—(*Walking in open air*), Weariness.—(*Bleeding of the gum*), Pain in teeth.—(*Closing eyes*), Pressure in eyes.—(*Drinking cold water*), Attack of spasm.—(*On dancing*), Oppression of chest disappeared.—(*After dinner*), Sore throat; pain in stomach.—(*Eating*), Confusion of head; headache.—(*Passage of flatus*), Rumbling in abdomen, etc.—(*Lying down*), **Pains in stomach*.—(*Motion*), Rushing in left chest.—(*Pressure*), Tickling in left nostril; sensation in abdomen.—(*Firm pressure*), Sensation in ear.—(*Rising from sitting*), Tearing in thigh.—(*In room*), Confusion of head; *vertigo*.—(*Rubbing*), Stitches below female breast; stitches in upper arm; crawling in right forearm.—(*When standing*), **Stool passes better*.—(*After stool*), Moving about, etc., in abdomen disappeared; hæmorrhoids.—(*On stooping*), Pressure in forehead disappears.—(*On resuming walking*), Pain in ankle disappears.—(*Continued walking*), **Tension in hollow of knee*.—(*Applying warm stones*), Pains in abdomen, etc.—(*On working*), In open air, pain in body disappears.

CEDRON.

Simaba cedron, Planch. *Nat. order*, Simarubaceæ.

Preparation, Triturations and tincture of the seeds.

Authorities. 1, Mr. G. B., aged 24, took the 6th dil. every morning for four days; on the fifth day, night and morning (from Teste, *Systematisation de la Mat. Med.*, p. 561); 2, Mad. T., aged 27, took the 6th, night and morning for two days (*ibid.*); 3, Mlle. Marie C., aged 17, took one dose of the 6th for a neurosis of the heart (*ibid.*); 4, Dr. Jno. N. Casanova, several provers, male and female (undistinguished); "the symptoms recorded in the first series of my experiments, while in South America, were produced with ponderable small and repeated doses, sometimes of the powder, sometimes of the aqueous solution. . . . Those recorded in my late investigations, since my return to Europe, were obtained with different potencies," *Month. Hom. Rev.*, vols. 5 and 6; 5, Dr. J. Douglass, *N. Am. J. of Hom.*, 8, 120, took the tincture, 1 to 2 drops, on the first, second, and fourth days; 6, *ibid.*, proving of Miss C., took 3 drops of tincture; 7, *ibid.*, Mr. W., took 1 drop of tincture; 8, Mrs. M., *ibid.*, took 1 drop of tincture; 9, *ibid.*, Mrs. B., took 2 drops of tincture two evenings in succession; 10, Dr. Stennett's provings, *W. Hom. Obs.*, 2, 11, A. W. W., took the tincture from the bruised nut, repeated doses of 5 to 60 drops; 11, *ibid.*, proving of S. M. P., repeated doses of 5 to 100 drops of saturated tincture; 12, *ibid.*, proving of S., with 10 to 300 drops of the tincture, and 5, 15, 80, 160, and 200 grains of the powdered nut.

Mind.—Emotional. Gloomy, depressed spirits,⁴.—Disposition to weep,⁴.—Inquietude and excessive anguish,⁴.—Anxiety (after nine hours),³.—Dread of friends (in females, particularly),⁴.—*Intellectual.* Torpor of the mental faculties and uneasiness,⁴.—Dulness of the senses,⁴.—Did not know her acquaintances,⁶.—The greater part of the mental symptoms were repeated in the morning and aggravated at night,⁴.

Head.—Vertigo. [10.] 11 A.M., slight dizziness (third day),⁶.—On rising from bed, dizzy, and could not see to light a candle, and could not tell when it was lighted,⁶.—*General Head.* Bending the head backwards, with pressure on the occiput and parietal regions, as if those parts were going to burst,⁴.—Head dull and heavy in the evening,⁴.—Headache, especially deep in the orbits, obliging him to shut his eyes, and extending to the occiput (second day),¹.—Headache worse in open air (about 9 P.M.),².—Distensive headache, increased during the night,⁴.—*Head felt as if swollen*,⁵.—Whole head feels swollen and heavy, most on right side (after two hours and a half),⁵.—*Forehead.* Pressive pain above the eyes, as from a band compressing the forehead,².—[20.] Throbbing pain in head, commencing in temples, extending around the forehead,².—*Temples.* Temporal arteries enlarged,⁴.—Pulsations in temporal arteries (after half an hour),⁵.—Pain in temples (second day),⁶.—Slight pain in temples (15 drops),¹⁰.—Continued pain in temples, passing from side to side (60 drops),¹⁰.—Pressure at the right temple, causing a dull pain in the whole right side of the head, disappears wholly towards noon,².—Throbbing in temples,⁹.—10 A.M., throbbing in temples (third day),⁵.—Throbbing in temples, increasing to pain,⁶.—[30.] Throbbing in temples, increasing to pain, extending around and over the eyes,⁸.—Beating in temples, increasing to pain and extending over ears (after half an hour),⁷.—Pulsating sensation in temple, and a twisting pain behind right ear, changing to a dull

pain, and extending to the temples (after half an hour),⁵.—**Vertex.** Awoke with dull pain in whole upper head (third day),⁵.—At 10 P.M., dull pain in top of head (third day),⁵.—Pressure at the top of the head, slight in the daytime, somewhat violent just at the moment when the shivering begins; it never wholly ceased during the whole proving.—10 A.M., dull pain in vertex (third day),⁵.—Awoke late, after a sound sleep, with dull pain in vertex (second day),⁵.—**Occiput.** Pain in occiput and forehead (10 drops),¹².—Sharp pain in occiput,⁵.—[40.] Successive sharp pains in occiput, abdomen, and lower limbs; pains in only one place at a time (third day),⁵.—Pressure in occiput in the morning (second day),⁵.—10.30 A.M., occasional sharp, jerking pains in occiput (third day),⁵.—The pains in head are all dull, except those in occiput, which are acute (third day),⁵.

Eye.—Eyes red and protruding, with pressive pain extending to forehead,⁴.—Redness of the eyes, and itching of the inner and outer surfaces of the eyelids (during fever),³.—Eyes feel dry, when exposed to air (second day),⁵.—Alternate dryness and smarting of the eyes, with moisture,⁹.—Eyes felt swollen,⁶.—Smarting in the eyes, especially when closing them (during fever),¹.—[50.] Smarting and burning in eyes, with great discharge of tears (50 drops),¹².—Itching of the eyes,².—**Brow, etc.** *Pain across the eyes, from temple to temple,⁶.—*Severe shooting pain over left eye (15 drops, after three hours and a half),¹².—**Lids.** Eyelids injected, bright red, and painful when pressed,⁴.—Spasmodic twitching of the muscle levator palpebræ superioris, observed in two provers, during three successive nights,⁴.—Enlargement of the Meibomian glands and conjunctiva,⁴.—The left eyelid seemed dried to the ball (second day),⁵.—Burning sensation in upper lids (after two hours and a half),⁵.—**Lachrymal Apparatus.** Profuse secretion of tears, which instantly ran down face (160 grains),¹².—[60.] Acrid tears, which seemed to scald the cheeks as they ran down (40 drops),¹².—**Conjunctiva.** Conjunctiva inflamed and dry (second day),⁵.—11 A.M., redness of whites of eyes (second day),⁵.—**Pupil.** Pupils fixed and dilated,⁴.—Dilated pupils (after nine hours),³.—**Vision.** Misty vision, as from thick smoke,⁶.—Objects seem red (after nine hours),³.—Objects appeared red at night to one prover, and yellowish during the day; these symptoms lasted seven days in the same prover (young lady of 18), and disappeared after administration of *Bell.*,⁴.—Dimness of sight (after nine hours),³.—On rising from bed, could not see to light a candle, and could not tell when it was lighted, with dizziness,⁶.

Ear.—[70.] Pain over ears (after twenty minutes),⁵.—Pressure over the ears (after half an hour),⁵.—Singing in ears, as of crickets,⁵.—Buzzing of the ears towards noon,⁴.—Hardness of hearing at night,⁴.

Nose.—Great secretion of glassy-looking mucus in nose (60 drops),¹¹.—Profuse discharge of thin, clear, acrid mucus from nose (50 drops),¹².

Face.—Perhaps there was throughout the proving a little puffiness of the face,².—Cheeks red and burning at night, pale and cold in the morning,⁴.—Pressing or tearing pain in one or both cheeks, with occasional shooting under the orbits,⁴.—[80.] Dry lips, which have to be moistened frequently (second day),¹.

Mouth. — Teeth. Pain in a decayed tooth for the first time,⁸.—**Tongue.** Tongue coated yellow, even to the tip (second day),⁵.—Tongue coated yellow, on rising in morning (third day),⁵.—Slightly yellowish coat far back on tongue,⁵.—Pricking of the tongue early in the morning, which goes off after eating,⁴.—About 5.30 P.M., pricking on the tongue, itching of the eyes; half an hour later, chilliness, with heat of the face, pale hands,

feet and tip of nose cold (seventh day).²—About 5 P.M., intolerable pricking-itching of the tongue, so that she had to keep rubbing it against the palate (second day).²—**General Mouth.** Dry mouth, with thick, viscid saliva (after nine hours).³—Mouth dry, with viscid saliva when talking.⁴—[90.] Burning in mouth, throat, and stomach.¹²—Burning in mouth, fauces, œsophagus, and stomach, as if mucous membrane was raw (60 drops).¹⁰—Burning and smarting in mouth and fauces (5 drops, after ten minutes).¹⁰—Burning and scraping feeling in mouth and throat, with profuse discharge of thin saliva (10 drops, after a few minutes).¹²—Tingling sensation in mouth, as from the shock of a galvanic battery (10 drops, after one hour).¹²—**Saliva.** After talking, the saliva becomes white and thick, like cream (fifth day).¹—Saliva becomes sour at night.⁴—Profuse secretion of saliva, which had a metallic taste (75 drops).¹²—**Taste.** Bad taste in mouth (15 drops).¹⁰—Nasty taste of mouth (second day).⁷—[100.] Nasty, sickish, bitter taste of mouth (second and third days).⁵—Sickish, slimy taste (second day).⁵—Sour taste (second day).²—Metallic taste in mouth (30 drops).¹⁰—Taste of iron in the mouth, exciting a profuse flow of acid saliva (second day).²

Throat.—Prickling and tingling in throat and fauces, which seemed to extend some way down the œsophagus (15 drops).¹⁰—Constriction of throat, almost preventing her from swallowing saliva (after nine hours).³—Difficulty of swallowing.⁴

Stomach.—Appetite and Thirst. Loss of appetite (third day).¹—Appetite is impaired as the proving progresses.—[110.] Thirst at night and during the febrile symptoms.⁵—Thirst, and craves only warm drinks (during fever).⁴—Thirst, and desire for cold water at noon, and warm during night.⁴—Excessive thirst (second day).⁶—Want of thirst during the chills.²—Aversion to cold water in the evening.⁴—**Eructations.** On rising in morning, gulping up of a bitter wind, with dull pain in temples (third day).⁵—**Nausea.** Slight nausea (40 drops).¹²—**Stomach.** Distension of the stomach and disposition to nausea, generally aggravated by rest, but relieved by walking and by eating.⁴—Sensation of heat and fulness in stomach.⁴—[120.] Sensation, as of a stone, on the stomach.⁶—Rolling pain in stomach.⁶

Abdomen.—Hypochondria. Rose with pain in region of liver (third day).⁶—Stitches in the spleen and in the liver.⁴—**General Abdomen.** Inflated abdomen.²—Abdomen hard and distended, towards evening.⁴—Borborygmi in left side of abdomen.²—Flatulence in morning, with slight colic and occasional discharge of fetid wind.⁴—Colic during dinner (second day).²—Colic and cramps in small intestines.¹²—[130.] In the morning, flatulent colic, with emission of fetid flatus (fifth day).¹—Pain in bowels, extending through small intestines (30 drops).¹⁰—Pain and colic in small intestines (60 drops).¹⁰—At noon, sharp pains, alternating in cæcum, liver, and spleen, running from one to the other (third day).⁵—On getting warm in bed, flying pains in the region of the ascending colon, liver, and spleen, kept him awake most of the night.⁵—Severe, sharp griping-cutting pains in lower part of abdomen (75 drops).¹²

Rectum and Anus.—Unsuccessful urging to relieve the bowels.⁴—Ineffectual urging to stool (second day).²

Stool.—Diarrhœa. Copious stool, with *excessive tenesmus* (third day).⁵—A rather copious evacuation in the evening (fourth day).¹—[140.] Whitish stools, mixed with fragments of a mass similar to clotted milk, in some provers.⁴—Yellowish, loose evacuations, three days after

taking large quantities of *Cedron*, in some provers,⁴.—Almost immediately after slight colic, a copious evacuation of a substance that looked like curdled milk, white, with a slightly yellowish tint (from chewing the nut as an antidote to the bite of a *coral-snake*).—**Constipation.** Constipation.⁴.—Constipation (third day),¹.—Constipation (fourth day),².

Urinary Organs.—Kidneys. Pain in kidneys,¹².—Pain in kidneys (60 drops),¹⁰.—Slight pain in kidneys (10 drops),¹².—Severe pain in kidneys, soon followed by a profuse discharge of clear transparent urine (15 drops, after one hour),¹².—[150.] Excessive pain in kidneys (160 grains),¹².—Excessive pain and burning feeling in kidneys and along ureters, as if boiling water was pouring through them (40 drops),¹².—Severe pain in region of kidneys, with a profuse secretion of urine, smarting and burning in urethra (50 drops),¹⁰.—**Urethra.** In a young man, a discharge like gonorrhœa, lasting three days, and ceasing spontaneously when the medicine was stopped,⁴.—Thin, gleet-like discharge day and night, with feeling of ants crawling over body (160 grains),¹².—Feeling as if a drop of urine were in the urethra, or a constant dropping from it (60 drops),¹⁰.—Pain and burning in urethra, when not voiding urine (60 drops),¹⁰.—Burning in urethra (160 grains),¹².—Burning in urethra and along ureters,¹².—Frequent but ineffectual urging to urinate,⁴.—[160.] Cessation of a frequent urging to urinate, which had lasted about a week,².—**Micturition.** Increased secretion of urine (60 drops),¹¹.—Profuse secretion of urine,¹².—Profuse secretions of urine (60 drops),¹⁰.—Profuse secretion of urine, with numb, uneasy feeling in urethra (60 drops),¹¹.—Profuse discharge of watery urine (second day),².—Profuse discharge of light-colored urine (30 drops),¹¹.—Frequent emissions of large quantities of pale urine,⁹.—Scanty urine,⁴.—From the first, urine scanty and deep-colored,⁵.—**Urine.** [170.] Urine very high-colored, and after standing some time, threw down a branlike precipitate (200 drops),¹².—Red urine (third day),¹.—Urine deep-red (second day),¹.—Dark urine, with sediment, in both sexes,⁴.—Color of urine and stools evince slight derangement of biliary secretion (200 grains),¹².

Sexual Organs.—Male. Firm erections in morning (second day),⁷.—Woke with firm erections in morning,⁵.—Firm erections all night (second day),⁵.—Sexual desire, with erections, in several men,⁴.—**Female.** Genital excitement at daybreak, with a discharge like leucorrhœa, and swollen mammæ, with some pain (in two married women),⁴.

Respiratory Organs.—[180.] Profuse secretion of clear thin mucus in bronchi (40 drops),¹².—Larynx constricted and tender,⁴.—Difficult respiration, with partial loss of voice, recurring at different intervals,⁴.

Chest.—Oppression on chest,¹².—Oppressive pain in the chest, extending now and then to the back, with frequent inclination to sigh and draw a deep breath,².—Pressure on chest, as from a heavy weight (40 drops),¹².—Pain under floating ribs and under right scapula (60 drops),¹¹.—Sharp darting-cutting pains under both ribs; this pain continued four hours (60 drops),¹¹.—Pain in right side, which lasted for three hours (after half an hour); next day, pain in side and under scapula returned at 3 P.M., although no medicine taken; next day but one (no medicine taken), pains returned at 4 P.M., but less severe (100 drops),¹¹.—Oppression of the chest and throbbing of the heart (in nearly all the provers in whom febrile paroxysms were developed),⁴.

Heart and Pulse.—[190.] Palpitation of the heart and hurried breathing, with headache (during fever),⁴.—Increase of pulse,⁹.—Pulse increased twelve beats per minute, firm, full (after half an hour),⁷.—Pulse

increased fifteen beats per minute (after twenty minutes),⁵.—Pulse increased fifteen per minute, very full (after half an hour),⁵.—Pulse increased fifteen beats per minute (in a quarter of an hour),⁵.—Pulse somewhat accelerated (65 drops),¹².—Pulse accelerated about ten beats per minute (5 drops, after ten minutes),¹⁰.—10 A.M., pulse 90 (third day),⁵.—Pulse 90 (after half an hour),⁶.—[200.] In morning, pulse 95, full (second day),⁵.

Neck and Back.—Pain in the back and loins, on getting up in the morning (seventh day),².—Pain under scapula and in pelvis (5 drops, after three hours),¹¹.—Uneasy feeling in lumbar region, with feeling as if there was a drop of urine in glans penis (60 drops),¹⁰.

Extremities in General.—Numbness of hands, arms, and legs,¹².—Smart rheumatic pains in all the joints of the limbs,⁹.—At 10 P.M., sharp flying pains in all the joints of the extremities, worse in feet, particularly first great toe joint (third day),⁵.—Arthritic flying pains continued more or less for more than four weeks, most in feet and hands, some in elbows, more in knees and hips, but most troublesome in the first joint of great toes; pains relieved by motion and cold, before soreness of the joints came on, when they were increased by motion and cold; worse at night,⁵.—Transient lancinating pain in the joints, especially in the right elbow (seventh day),¹.—The pains in the limbs seem to be in the cartilages of the joints, particularly in the first joint of the great toe, and streaking up the bones,⁵.

Superior Extremities.—[210.] Painful weariness in the shoulders (second day),².—Pain in the elbow and right forearm, as if from a blow, lasting a quarter of an hour,².—Passing pains in elbows and forearms, with a cold sensation extending to the hands, towards noon,⁴.—Sharp cutting pain in both elbows (5 drops, after three hours),¹¹.—Numbness and dead feeling in right hand and forearm, so that he could not hold his pen (15 drops, after three hours and a half),¹².—Pains (when not febrile concomitants) relieved by friction,⁴.

Inferior Extremities.—Numbness in right leg (15 drops, after three hours and a half),¹².—Legs felt as if very much enlarged (65 drops),¹².—Lancinating pains in the joints of the knees,⁴.—Contracting pains in the legs, as if produced from contusion, in the evening; these, and the pains in the knees, were relieved by friction, when not followed by chills or shivering of the whole body as precursors of fever,⁴.—[220.] Sort of jerking and twitching of tendons of legs, in tendo Achillis and in right foot (150 drops),¹².—Sharp lame pain in right ankle (second day),⁷.—Swelling of feet, with extreme pain in all the joints,⁹.—In the forenoon, pain in the heel (which?), as if an abscess was forming; this symptom, which was only felt on walking, lasted altogether about an hour, after which it ceased entirely (third day),².

General Symptoms.—Objective. Weakness (fifth day),¹.—Weakness, yet return of appetite (sixth day),¹.—Weak and debilitated (15 drops, after three hours and a half),¹².—Was obliged to go to bed, but could not undress herself,⁶.—Restlessness (after nine hours),³.—Restless and very nervous (40 drops),¹².—**Subjective.** [230.] Malaise (40 drops),¹².—Malaise, with great weakness (third day),¹.—General malaise (after nine hours),³.—At night, fatigue from lying in one position,⁵.—General feeling of fatigue after waking, if the time had exceeded more than six hours, and a general weakness of body and mind,⁴.—Neuralgic pains, soon followed by numbness over entire body, with smarting and burning in nose (100

drops),¹².—On getting warm in bed, severe, sharp, flying pains in all parts of the system; the pains in the limbs seemed to be in the cartilages of the joints, particularly the first joint of great toe, and streaking *up* the bones; in the abdomen, the pain was most in the region of the ascending colon, liver, and spleen; the pains of the head were all dull, except those of the occiput and those of the facial and optic nerves; the above pains kept him awake most of the night, those of the lower limbs being very severe,⁵.—Principally manifested in provers of a voluptuous disposition, and of an excitable nervous temperament; more in females,⁴.—(*The chief characteristic of this remedy is a periodicity which is often clocklike in its regularity.*)

Sleep and Dreams.—Sleepiness. About 7 P.M., yawning and stretching,².—[240.] Sleepy and drowsy (65 drops),¹².—Sometimes very profound sleep,⁴.—**Sleeplessness.** Could not sleep (40 drops),¹².—Awake and restless all night,⁶.—Restless night, without sleep, with a throng of confused ideas until 5 A.M. (prover had always slept well previously),³.—All night, very restless, frequently waking,⁵.—Restless sleep,⁸.—During night, restless sleep,⁷.—Restless sleep and confused dreams, in both sexes,⁴.—**Dreams.** Waking dreams,⁶.—[250.] Frequently waking from dreams of pleasant social interviews with female acquaintances (second day),⁵.—Dreamed (he seldom dreamed) all night of pleasant social interviews with female acquaintances,⁵.—Dreamed of quarrelling with a dead sister and other dead friends; cried about it, and awoke with a nightmare, with sensation of a stone in the stomach,⁶.

Fever.—Chilliness. 3 A.M., shivering all over with malaise and inclination to lie down; the shiverings are renewed by movement; coldness of the hands, feet, and nose; repeated transient flushes of heat in the face; and finally, towards 6 P.M., face constantly hot; lively expression, with smarting in the eyes, especially when closing them (second day),¹.—Slight chills only about 3 o'clock (eighth day),¹.—The chills continue all the time during the congestion of the head, and the hands, feet, and nose remain cold (second day),¹.—Towards 6 P.M., chilliness, quickly followed by severe frontal headache, extending into both parietal regions, with red eyes, itching of the eyelids internally and externally, icy coldness of the hands and of the *tip of the nose*, even at the height of the febrile reaction, while the rest of the face was red and burning-hot (after nine hours); a precisely similar attack at 5.30 P.M. (second day),³.—Slight chilliness about 9 P.M. (twenty-first day),².—General coldness all the evening,².—About 6 P.M., (immediately after dinner), general coldness, shiverings in the back, ice-cold feet, burning hands, feeling in eyes as after much weeping,².—[260.] Forehead cold, and as if empty, in the morning,⁴.—About 6.30 P.M., half an hour after dinner, chilliness in the back and legs, unusual paleness of the hands, red face, heaviness of the head,².—Feet very cold; went out barefooted in the snow, and went to bed, when they became warm (second day),⁶.—**Heat.** Heat over entire body (10 drops),¹².—Dry heat during the night,².—Warm feeling over surface of body (60 drops),¹⁰.—Felt a flush or feverish glow spread over body (5 drops, after ten minutes),¹⁰.—11 A.M., considerable fever; pulse 100 (second day),⁵.—Flying heat in the face, alternated with chills towards evening, with bloated appearance,⁴.—Feverish paroxysms every day (quotidian) in some provers, and every other day (tertian) in others, towards 8 o'clock P.M., preceded by depressed spirits, dulness of the senses, and pressive headache at noon; cramps, then contracting and tearing pains in the upper and lower extremities, with a

cold sensation in the hands and feet; mouth dry; great thirst, and desire for cold water; chills and shivering; sometimes very strong shivering of the whole body; palpitation of the heart and hurried respiration; pulse weak and oppressed. These symptoms lasted from one to two hours, varied much in intensity; they were followed by a sensation of dry heat, and then of a profuse perspiration, full and quick pulse, with animated, red face, cold and pale in the apyrexia; thirst and desire for warm drinks.⁴—[270.] The evening paroxysm of fever returns (stronger on one day, weaker on another) during more than three successive weeks, and for at least twenty days after leaving off the medicine.²—6.30 p.m., febrile paroxysm, with itching of the eyes, only momentarily relieved by rubbing (second day).²—The medicine being taken by the healthy prover, was followed by—

1st. A certain state of mental excitement, and augmentation of vital energy, florid face, and a sensation of heat throughout the body; full and strong pulse; more or less perspiration, and no thirst. This group lasted from twenty to forty minutes in some, and disappeared after that time to return no more, without any further disturbance of health; whilst in others, the symptoms were prolonged from one to two hours, and were followed by—

2d. Depressed spirits; dulness of the senses, and torpor of the mental faculties; general debility, languor, and faintings in some. When these symptoms are followed by those of the first group, the phenomena of both sets are often repeated, and at certain intervals of time; but neither of the two occur periodically, unless when they are together. Nor are they absolutely concomitant to pyrexia; for the paroxysms generally take place without them, as in the natural disease. It is for this reason that such phenomena were disconnected from category of the physical group; but whenever pyrexia occurs, or follows that condition, the symptoms, after weakness of the body and mind, are as follows:

3d. Great thirst; yawning; cramps and painful feelings of contraction in the lower extremities; cold sensation in hands and feet; chills and shivering of the whole body; palpitation of the heart; pulse weak and oppressed; hurried respiration; chattering of the teeth and shaking of the whole body; scanty and highly colored urine; slight nausea in some, with yellow color of the skin and face in others; great debility; dilated pupils and confused sight. These symptoms lasted from one to two hours, and varied much in their intensity; after which—

4th. Dry heat follows, with a full and quick pulse; animated face; profuse perspiration; longing for cold in some, and for warm drinks in others; and discharge of pale urine in large quantities. These symptoms lasted from two to three hours, and were generally followed by a desire to sleep. The provers felt as if they were contused; sound sleep in some, and somewhat agitated in others during the night.

The apyrexia generally lasted from fifteen to seventeen hours, after which, and *in about the same time as the previous day*, the paroxysms were repeated, as per Group 3d, and continued almost quotidian.⁴

Conditions.—**Aggravation.**—(*Morning*), On rising from bed, dizzy, etc.; on waking, pain in top of head; pressure in occiput; on rising from bed, could not see, etc.; on rising, tongue coated yellow; early, pricking of the tongue; on rising, gulping up of wind, etc.; flatulence, etc.; flatulent colic, etc.; at daybreak, genital excitement, etc.; on getting up, pain in back, etc.; at 3 o'clock, shivering, etc.; forehead cold, etc.—(*Forenoon*),

Pain in heel; at 11 o'clock, fever.—(*Towards noon*), Buzzing of ears; pains in elbows, etc.—(*Noon*), Pains in sacrum, etc.—(*Afternoon*), About 5.30 o'clock, pricking of tongue, etc.; about 5 o'clock, pricking-itching of the tongue; 3 o'clock, pain in side, etc., returned; 4 o'clock, pain in side, etc., returned; towards 6 o'clock, chilliness, etc.; about 6 o'clock, immediately after dinner, general coldness, etc.; about 6.30 o'clock, half an hour after dinner, chilliness in back, etc.—(*Towards evening*), Abdomen hard, etc.; chills in face, etc.—(*Evening*), Head dull, etc.; pains in legs; about 7 o'clock, yawning, etc.; about 9 o'clock, slight chilliness; general chilliness; towards 8 o'clock, feverish paroxysm.—(*Night*), Most mental symptoms; distensive headache; twitching of muscles of eyelids; hardness of hearing; saliva becomes sour; thirst; on getting warm in bed, pain in region of ascending colon, etc.; at 10 o'clock, pains in joints; flying pains; on getting warm in bed, pains in all parts of the system; dry heat.—(*Open air*), Headache.—(*Cold*), After soreness of joints came on, flying pains.—(*During dinner*), Colic.—(*Motion*), After soreness of joints came on, flying pains.—(*Rest*), Distension of stomach, etc.—(*After talking*), Saliva becomes white, etc.—(*After waking*), From more than six hours' sleep, feeling of fatigue, etc.

Amelioration.—(*Towards noon*), Pressure at temple disappears.—(*Cold*), Before soreness of joints came on, flying pains.—(*Eating*), Distension of the stomach, etc.—(*After eating*), Pricking of tongue goes off.—(*Friction*), Pains in the extremities, when not febrile concomitants.—(*Motion*), Before soreness of the joints came on, flying pains.—(*Walking*), Distension of the stomach, etc.

CENTAUREA TAGANA.

Centaurea tagana, Willd. *Nat. order*, Compositæ.

Preparation, Tincture of the root.

Authority. Dr. Chagon, Duc de Sorentino; symptoms obtained from a tincture of the root, Journ. d. l. Soc. Gal., 1st series, 7, 283.

Mind.—**Emotional.** Home-sickness.—Aversion to everything.—Hilarity; lively spirits.—Easy temper, alternating with the contrary mood.—**Intellectual.** Absence of mind; starts off to do something and forgets all about it on the way.—Asks questions, and pays no attention when answered.—A naturally smart servant girl seemed stupefied for several days.—Idiocy.

Head.—**Confusion and Vertigo.** Stupefying confusion towards the forehead.—[10.] Attacks of dizziness.—**General Head.** Uneasiness in the brain.—**Forehead.** The frontal portion of the skull and brain is chiefly affected.—Pain in the forehead, temples, and orbital arches.—Attack of pain in forehead preceded by sweat.—Frontal pains aggravated by walking.—Deepseated extensive pain in the forehead.—Pain in the left half of the forehead.—Pressive pain, with sensation of fulness in the forehead, vertex, and occiput.—Weight and fulness in the forehead.—[20.] Painful throbbing in the frontal arteries.—**Occiput.** Pain in the occiput.—Pain under the occiput.

Eye.—Wandering look.—Eyes sunken and dim.—Heaviness of the eyes.—Pain in the left eye.—Burning pain above the eyebrows.—Heaviness of the lids.—Pain in the lids.—[30.] Lachrymation.—Smarting and itching of the conjunctiva.—The capillary vessels of the sclerotica are inflamed.

—Pain in the sclerotica.—Transient disturbance of vision.—Sight vanishes entirely for a moment.

Ear.—Pricking behind the ears.—Itching in the ears.—Tingling in the ears.

Nose.—Sneezing.—[40.] The nose runs water.—Coryza, sometimes fluent.—Dry coryza.—Almost complete loss of smell.

Face.—Expression of amazement or stupefaction.—The face looks earthy, with a stupid expression.

Mouth.—Tongue. A red streak along the middle of the tongue.—A white streak on the left side of the tongue.—**Mouth.** Dryness of the mouth.—Dryness of the mouth, not relieved by drinking.—**Taste.** [50.] Bitter mouth in the morning. This symptom was cured.—The sense of taste is impaired.—**Saliva.** Continual salivation.—Increase of saliva alternating with dryness of the mouth.

Throat.—Inflammation of the uvula and tonsils.—Raw pain on swallowing.—Swallowing is prevented by pain.

Stomach.—Appetite and Thirst. Appetite, alternating with nausea.—Thirst, not allayed by drinking.—Thirst before and during the fever.—[60.] Thirst, with dryness of the throat.—**Eruclations.** Abortive eruclations.—Difficult eruclations, which stop in the chest, with burning.—**Nausea and Vomiting.** Nausea.—Nausea, with cold sweat.—Inclination to vomit.—Vomiting.—**Stomach.** Burning in the epigastrium.—Gripping, with pain at the epigastrium.—After a meal, weight on the stomach with thirst.—[70.] Violent pain in the epigastrium.—Pricking and burning in the epigastrium.

Abdomen.—Pain in the right hypochondrium.—Continual flatulency.—Gripping at night, with continual discharge of flatus.—Colic.—Dull burning pain in the hypogastrum.

Stool.—Diarrhœa, on waking in the morning.—Yellowish diarrhœa at night.—Copious stools.

Urinary Organs.—Pain in the bladder, increased by movement.—[80.] Pain in the bladder when urinating.—Weight in the bladder when urinating.—**Ardor urinæ.**—Burning in urethra after urinating.—Urine scanty, or abundant.—The urine is at first scanty, afterwards abundant.—Urine deposits a mucous sediment full of flakes.

Sexual Organs.—Male. Firm nocturnal erections.—Sexual desire without erections.—**Female.** Dryness of the vagina.—[90.] Itching and heat in the labia majora and minora.—Whitish leucorrhœa.

Respiratory Organs.—Titillation in the larynx.—Cough, on waking in the morning.—Cough, excited by tickling in the throat.—Dry cough.—Dry cough, in the evening, or at night.

Chest.—The eruclations which are completed, leave a severe burning in the chest.—Pain in the right clavicle.

Heart and Pulse.—Pain in the heart.—[100.] Sensation of dilatation of the heart, with anxiety.—Lancination, as from a thorn driven into the heart.—Decrease of the pulse throughout the proving.—After taking, the pulse is slower, but full and hard.

Neck and Back.—Burning pain in the left scapula.

Superior Extremities.—Inclination to stretch out the arms.—The arms are so weak that he can hardly lift them.—In bed, the arm on which he lies becomes numb.—Pain all through the arms.—The right arm is most painful.—[110.] The extensor muscles seem too short.—Pain in all

the extensor muscles of the right arm.—*Shoulder*. Pain all through the shoulders.—Feeling of erosion in the shoulders, with great itching.—*Fore-arm*. Bruised pain in both forearms, towards the middle of the extensor muscle.—Bruised pain in the forearm, increased by touch.—*Hand*. Swelling of the veins of the hands.—*Fingers*. The thumb cannot be clenched.

Inferior Extremities.—Inclination to stretch the legs.—Paralytic weakness of the legs, with difficulty in walking.—[120.] Pain in hips and thighs when walking.—Pain in right knee.

General Symptoms.—Objective. The patient remains for an instant as if thunderstruck.—He staggers like a drunken man.—Pulsation is stronger in some arteries than in others.—Congestion, generally at the forehead.—Languor and depression, making any exercise impossible.—Want of strength in the muscles and joints.—Prostration, rapid sinking of strength.—*Subjective*. The blood surges painfully at every movement.—[130.] Sensation as if the tendons were shortened.—Bruised and drawing pains.—The attacks recur periodically.—The earliest symptoms appeared a quarter of an hour after taking the medicine, viz., those of the arms, together with the dull pains in the hypogastrium, shiverings, and general heat, especially on the forehead, which was covered with sweat. These were followed by a stupefying pain in the temples, frontal protuberances, orbital arches, and eyes. Next came the following symptoms: Dimness of sight; appetite alternating with nausea; increase of saliva, and vomiting; running of the nose; lachrymation; eructations; rapid sinking of strength; general uneasiness; confusion of mind; weariness; dull, sunken eyes; spasmodic sweating, itching, and pricking in the skin; drowsiness; and thirst. A state of reaction, after four or six hours, brought some quiet. Next day, in the forenoon, or towards evening, the above symptoms reappeared, but with less violence, and some of them assumed a periodic form. Then ensued the coryza, colic, diarrhoea, fevers of various types, pains in the arms, dry cough, etc. The action ended with the symptoms of catarrh, of angina, and of fever in the forenoon, and with confusion and pain in the forehead.

Skin.—Objective. Miliaria.—Sudden eruptions on the loins.—*Sensations*. Violent itching all over.—Formication, as if a worm was crawling over the temples.—Formication in the hypogastrium.—Itching of the nose.—[140.] Itching and pricking in the backs of the hands, chiefly in the fingers.—Intolerable itching and pricking in the loins and thighs, which prevent sleep.

Sleep and Dreams.—Drowsiness day and night; cannot keep his eyes open.—Voluptuous dreams.

Fever.—Chilliness. General or partial coldness.—*Heat*. Feeling of warmth, with sexual excitement.—Internal sensation of heat.—Short-lasting heat.—Sensation of burning heat throughout the body, excepting the skin, which has its natural warmth.—Fever, with or without subsequent sweat.—[150.] Fever, with pain in forehead, as if the frontal lobes were enlarged and full of blood.—Quotidian or tertian fever, in the forenoon or towards evening, preceded or not by chilliness.—Heat in the forehead; the weight of the hair seems intolerable.—*Sweat*. General sweat, especially in the forehead.—Profuse sweat, cold on the forehead.—Cold sweat—Cold sweat on the face.—Night-sweat.

Conditions.—Aggravation.—(*Morning*), On waking, cough.—(*Evening or night*), Dry cough.—(*Night*), Diarrhoea; sweat.—(*Movement*), The symptoms; pain in bladder.—(*When urinating*), Pain in bladder; weight

on bladder.—(After urinating), Burning in urethra.—(Walking), Frontal pains; pain in hips, etc.

Amelioration.—(Eating), The symptoms.

CEREUS BONPLANDII.

C. Bonplandii, Parmet (variety of *Cereus grandiflorus*). *Nat. order*, Cactaceæ.

Preparation, Tincture of the stems.

Authority. Dr. John H. Fitch, in monograph on Cactus, by Richard E. Kunze, M.D., of New York, took repeated doses of the tincture, from 3 to 30 drops at a dose, repeated from one to three times a day.

Mind.—**Emotional.** *Desire to engage at work.*—Desire to have the time all employed.—Felt all day an astonishing inclination to be engaged in something useful.—Felt a desire to give something quite necessary to myself to another.—Desire to be dissolved, especially the trunk (after three hours).—Reluctance to take medicine (second day).—Experienced an agreeably tranquil frame of mind and body.—A grateful feeling of dependence on a divine spirit was experienced (second day).—Not very pleasant in mind.—[10.] Very much disturbed in mind.—Arose feeling miserable (second day).—Praying, or disposition to pray.—Very irritable.—Very irritable; act from impulse (second day).—Apathetic during attendance at church; could not fix the mind on devotional exercises, effort being strong (second day).—**Intellectual.** Difficult to keep employed.—Very dull all morning; pass the time in a listless manner.—Time passed very slowly (fifth day).

Head.—**Vertigo.** On rising up from a kneeling posture, dizziness comes over one, followed by sickness at stomach, continuing for some little time.—[20.] Swimming of the head.—**General Head.** Felt a feeling as if the head were suspended from some support under the skull and base of the brain (after ten minutes).—Head felt drawn to the left backward.—Head feels badly (second day).—Headache (sixth day).—The effect on the brain and nervous system passes off in four or five days principally.—**Forehead.** Painful sensation in the anterior lobes of the cerebrum, extending from the frontal bone backward (after six hours and a half).—Pain across anterior lobes of brain, just behind os frontis.—Slight heavy feeling in top of forehead.—Pain extending along the external angular process of frontal bone, right side.—[30.] Pain extending through the forehead, left side, to the occiput (after ten minutes).—Pain in right forehead.—Momentarily, a painful stunning sensation in the right side of the os frontis.—Sensation of a slight burning feeling, extending backward from the right forehead.—Sensation of pain of a boring nature, extending from the left frontal region deeper and backward (after ten minutes).—Sensation of a pressing feeling in right forehead (after ten minutes).—**Parietals.** Pain verging around and along left parietal bone from left occiput.—**Occiput.** Disagreeable feeling in the back of the head, seeming to pass down over the neck and terminate in a disagreeable sensation, an approach to qualmsiness at the stomach.—Sensation as of a board bound to back of head, more plainly on the left side.—Headache, occipital pain.—[40.] Headache affecting occiput for quarter of an hour.—Severe occipital headache (third day).—Pain in occiput, running through to the lobes of the cerebrum.—Pain in occiput, high up in the head.—Felt a decidedly painful drawing sensation

in occipital region, soon subsiding.—Feeling of being pressed at left occiput, and immediately afterwards a counter pain on left side of forehead, the latter continuing a moment or two.—Slight pressive sensation in the right occiput, from behind forward.—On walking out, descending one or two steps, had a severe pain, forcing from without inwards in the occiput, on a line with the sagittal suture.—**External Head.** On combing the hair, find it falls out in considerable quantities (second day).

Eye.—Heavy feeling at the eyes, as in cephalic catarrh (sixth day).—[50.] Rose suffering severe pain in eyes (fifth day).—Sore feeling at the eyes (sixth day).—Sore feeling in eyes, as if pained by strong sunlight.—**Orbit.** Pain above right eye, passing down over globe of eye.—Pressive pain in orbits, from before backward.—Tenderness at supraorbital notch (after six hours and a half).—**Lids.** Left eyelid slightly painful when the head is bent to the floor.—A little capillary congestion of the conjunctiva.—**Lachrymal Apparatus.** Swimming eyes.—**Ball.** Somewhat painful sensation in globe of left eye.—[60.] *Pain through the globe of the right eye.—Pain through the globe of the left eye and orbit (after six hours and a half).—**Vision.** Great sensitiveness to the impulse of light all day (photophobia), (fifth day).—Strong light painful to eyes (sixth day).—Perception of a cluster of orange-colored spots, round-shaped and symmetrical.

Ear.—Pain behind mastoid process, left side, extending backward and upward.—Pain through ear and head, commencing at a point at the back of left ear, and running upward and forward diagonally in the direction of the opposite ear and right parietal bone.

Nose.—Sneezing; fetid flatus passed from bowels.—Accumulation of mucus in both nostrils (third day).—Hardened mucus from left nostril.—[70.] Mucus from nose, as in catarrh.—Dislodge greenish discharges from the right nares; similar discharge in less quantity from the left.—Stinging in right nostril.—Haggard look (sixth day).—Yellowish hue of the countenance.—Awoke before 5 A.M.; looked somewhat haggard (second day).—Pain along right malar bone, running to temple, through to occiput.

Mouth.—**Tongue.** Tongue too red to be natural.—Deep purplish hue over the whole tongue.—Tongue feathery.—[80.] Sensation of a thread of mucus on the tongue.—Tongue feeling rough.—**General Mouth.** Mucus adherent to the roof of mouth, cleared by a single effort.—Clearing of the hard palate of mucus.—Watery sensation, not disagreeable in the mouth.—Sensation of saliva in the mouth, which is swallowed, of no particular taste.—Sensation of coldness and a metallic taste in the mouth.—**Saliva.** Water in mouth.—Watery mouth, with some shade of insipidness.—*Saliva in the mouth* (after ten minutes, 6 drops).—**Taste.** [90.] Taste watery.—Alkaline taste.—Taste of green vegetables.

Throat.—Mucus in throat.—Mucus in the throat, a persistent symptom early in the proving, and quantity abundant. Mucus of a pale greenish color, sometimes colorless or nearly so. It was from the throat, mainly, pharynx, and top of larynx.—Clearing of mucus from throat (sixth day).—Slight uneasiness in throat verging to stomach, with simultaneous congested sensation in both eyes.

Stomach.—**Appetite.** Relish for sweet things.—Ate light breakfast (second day).—**Thirst.** Thirstlessness.—**Eructations.** [100.] Dry eructations from the stomach.—Slight painful feeling at epigastrium.—Slight sensation of pain in epigastrium at intervals, coming and going in short paroxysms.

Abdomen.—Light rumbling in the left side of the abdomen.—Slight

gripping (soon after).—Felt a slight gripping, accompanied by the beginning of a soreness, extending through the region of the whole portal circulation (after ten minutes).—Pain in left groin, sharp and cutting, as from impacted calculus in the ureter.

Rectum and Anus.—Slight desire to evacuate bowels (6 drops).

Stool.—Copious and urgent evacuation from the bowels. Felt very well afterwards (after six hours and three-quarters).—Stool not easy nor sufficient (second day).—[110.] Effort to evacuate bowels nearly or quite ineffectual.

Urinary Organs.—Pain in left kidney (after four hours and one-third).—Pain long-continued in left kidney, as from renal calculus.—Quite severe sticking pain in right kidney (second day).—Slight pain of sticking character in region of right kidney.—Feel pain in right kidney; sore to pressure.—Sticking pain in right ureter (second day).—Slight desire to pass urine, lasting for a minute (immediately).—**Micturition.** In the night, pass a small quantity of clear urine.—Passed urine, less than half the usual quantity, and yellowish.—[120.] 6 A.M., pass a small quantity of yellowish saturated urine (second day).—**Urine.** Deep-colored urine (fourth day).—Urine passed of a slight brownish tinge, scanty, and smelling strongly after a few minutes.

Sexual Organs.—Priapism in presence of the opposite sex (third day).—Early in afternoon noticed a feeling of flabbiness in the genitalia, which felt small (second day).—No feeling at sexual organ. Anaesthesia of the genital organs (fifth day).—Waked in the night, with slight sexual desire.—The effect on the generative functions passed off in about ten days.

Respiratory Organs.—Clearing the larynx of mucus.—Voice sounds dim (second day).—[130.] On divesting oneself of outer garments, experience coughing.—Breath fetid; noticed by others.—Fetid breath noticed by self (subjective symptom).—Sighing respiration (noticed many times).—Respiration is measured; no interval between inspiration and expiration.—Deep inspiration.—Deep inspiration (after six hours and a half).—Deep inspiration, as if tired, accompanied with no fatigue.—At intervals, deep inspiration, as if the chest were laboring under the effect of some indefinable oppression.—Deep inspiration and expiration; chest is emptied quickly (second day).—[140.] Experienced the long, deep, uneasy respiration of previous days, but more intensified, before rising (second day).

Chest.—Thorax acts automatically, not in accordance with one's whim (second day).—Tendency to automatically expand the chest (this recurs as a symptom very frequently).—The chest expands itself seemingly to its utmost capacity, in an instant collapsing, to be repeated.—Weakness of chest, with deep inspiration.—Chest feels empty (second day).—Slight feeling of oppression.—Chest feels pained or oppressed.—*Slightly painful sensation in the left chest in the region of the heart.*—*Pain in chest, left side, and through the heart,* flanked by a painful sensation at and toward the spleen, the latter momentary, the former continuing, especially that at the heart.—*Pain in left great pectoral muscle,* more aggravated toward the tendon of the lesser pectoral and at coracoid process.—[150.] Somewhat persistent pain in the cartilages of the left lower false ribs.—Tenderness over ribs, left side anteriorly, just below the heart (after six hours and a half).

Heart and Pulse.—***Pain at heart** (second day).—At night when retired, felt severe convulsive pains at the heart; severe agonized pain for several hours, which returns toward morning (second day).—Sensation of a great stone laid upon the heart; soon after, sensation as if the chest was

broken out just in front of the heart (second day).—"Feeling as if the heart was transfixed by a blunt instrument, as on a bolt."—Slight pricking pain at the heart (second day).—All along felt strong desire to antidote the very powerful effect of the drug on the heart and nervous system; could with difficulty at times restrain the desire to take medicine for that purpose.—Pulse a little irregular just after dinner (sixth day).—A little before 6 A.M., counted pulse for one minute; found several dicrotic beats and intermissions in that time (second day).

Neck and Back.—**Neck.** [160.] Pain on left side of neck (after three hours).—At night, pain in the neck on the left side above and along the clavicle.—Pain in upper portion of spine and medulla oblongata, running upward and expanding through the brain to near its surface, especially on stooping or bending head forward, as in bowing or kneeling.—**Back.** Pain running along the back down to the arms.—Tenderness on pressure along the spines of all the cervical and the three or four upper dorsal vertebrae (after five hours and a half).—**Dorsal.** Pain in the right scapula.—Painful feeling in dorsal vertebrae.—Dorsal region feels lame on stooping.—**Lumbar.** Pain at a spot in the muscles of the back, midway between the left scapula and sacrum (second day).—Sensation of uneasiness, extending to the back as far as the lumbar region, on taking frequent heavy respiration.

Extremities in General.—[170.] In the coracoid of the right shoulder, as well as in the hamstring tendons of the left thigh, there was pain; so also in the last phalanx of left index finger.

Superior Extremities.—Tired feeling in both arms.—Pain in both arms, followed by pain in chest (after four hours and one-third).—Pain, with numbness of right arm, when writing (second day).—Pain running across the inner side of left arm, felt in the bend of the elbow after subsiding elsewhere.—Pain in outer border of elbow-joint, left arm, back of and at left shoulder-joint.—Tenderness of the flexor muscles of both arms (upper), (after five hours and a half).—**Shoulder.** Pain in left shoulder, like that produced by carrying a heavy weight.—**Arm.** Pain in both upper arms.—Pain along inner side of right upper arm (second day).—[180.] Pain along the outer side of right upper arm; while writing (second day).—Pain in the muscles of the arm, above the elbow anteriorly (after four hours and one-third).—**Elbow.** Dull pain in left elbow and forearm (second day).—**Forearm.** Pain in left forearm (after four hours and one-third).—Soreness and lameness in right forearm above wrist; considerable in flexor muscles of right arm on contact.—Pain in muscles of the back of the forearm (after four hours and one-third).—Pain in arm posteriorly, over ulna, above wrist (after five hours and a half).—Pain in left ulna, with numbness (second day).—**Wrist.** Pain in back of left wrist, running to forearm (after four hours and one-third).—Pain on ulnar side of the left carpo-metacarpal joint.—**Hand.** [190.] Lameness in dorsum of left hand.—Pain on dorsum of right hand (after four hours and one-third).—Pain in first metacarpal bone of right hand (second day).—Pain in metacarpo-phalangeal joints of right hand.—**Fingers.** Pain in metacarpal bone of thumb and contiguous bone of right hand.—Drawing sensation from end of thumb of right hand upward; seems as if sprained. Pain quite constant.—Left to right drawing pain of right index finger affecting the bone.—Pain in last joint of left index finger (after four hours and one-third).—Pain in right ring finger and right wrist (after three hours).—[200.] Pain in right ring finger (after one hour).—Pain in left ring

finger returning (after four hours and one-third).—Pain in right little finger.—Pain, with lameness in left little finger (after five hours and a half).

Inferior Extremities.—Noticed for several days a dull heaviness in my steps.—Compressed feeling from the sacrum down through the limbs, terminating at the heels (second day).—**Hip.** Pain in right hip and head of right thigh-bone.—Pain in right trochanter (after four hours and one-third).—**Knee.** Pain in both knees and in left little finger (after four hours and one third).—Pain in both knees, on rising.—[210.] Pain in right knee.—Pain in knees and ankles, dorsa of feet (second day).—Pain on inner side of left knee (after four hours and one-third).—Pain on inner side of left knee, low down (after four hours and one-third).—Pain in right patella; difficult to touch without considerable pain on pressure with the hand (after three hours).—**Ankle.** Pain above right external malleolus (at night).

General Symptoms.—While taking the medicine, I lost in weight seven and one-half pounds, which I did not regain for some weeks.—Allowed the time to pass until noon unoccupied in anything of importance (second day).—Ill at ease, restless.—Do not know what to do with myself.—**Subjective.** [220.] Felt weary (second day).—Feel fatigued on riding, especially in the lumbar region.—Weak feeling and pressure at the heart, on reading or thinking consecutively (sixth day).—Faint feeling, followed by nausea, on rising (fourth day).—Feel very uncomfortable; do not know what to do with myself (after six hours and a half).—Each night seemed to be under the influence of something powerful.—Feel that I am sick (fifth day).—Feel like one recovering from a cold (third day).—Went to bed feeling miserably.—Feel the effect of an incubus weighing me down, affecting more particularly the nervous system (fourth day).—[230.] Pain through right shoulder-blade, through right hip, and again in right kidney (second day).—When mental symptoms subside corporeal ones are aggravated, and conversely.—Feel worse from the pressure of clothing (after three hours).—Feel better on disrobing for the night.—Muscular pains were mainly gone in a few days, although echoes of the morbid symptoms were perceptible slightly after four or five weeks had elapsed.—The symptoms affecting the heart and chest were mainly gone in ten days after taking the medicine; some symptoms being noted longer, as sighing respiration.

Skin.—Eruptions. Pustules on body, more on the nates and gluteal region.—Pustule on the lip near the left ala of the nose (second day).—**Subjective.** Felt for two days, more on second day, intolerable itching over the whole surface of the body. On the third day it was perfectly unbearable. After annoying me very much, it gradually left me.—Itching in various parts of the body (second day).—[240.] Itching of the nose (second day).—Lower extremities have a prickling feeling, when kneeled or flexed (fourth day).—Itching of right popliteal space (fifth day).—Itching quite severe, with roughness of the skin in the right popliteal space (at night).—Itching of the skin of the right popliteal space returns many times after concluding the proving, and is very noticeable almost every day of the ninth week.—Itching on sole of left foot (fourth day).—The itching of the sole of the left foot perfectly aggravating (much more severe than that symptom on the ninth day) on the eighth week; in fact as troublesome and presenting as severe objective symptoms as any chilblain.

Sleep and Dreams.—Sleepiness. Yawning.—Great fit of yawning (second day).—11 P.M., drowsiness (after eleven hours).—[250.] Drowsiness on closing the eyes.—Slept soundly; did not hear anything of a heavy shower that came on in the night.—Slept all night without undress-

ing, as I had thrown myself down and fallen asleep.—**Sleeplessness.** Late at night, but not sleepy.—11 P.M., not sleepy; mind disturbed (after six hours and a half).—During the night slept but little (second day).—**Dreams.** Full of dreams of large assemblies of persons, and things relating to scenes forgotten for years.—Slept pretty well; disturbed by dreams of a dog, and a fracas, very exciting to the nerves.—Re-dreamed old dreams in part or whole.

Conditions.—**Aggravation.**—(*Night*), Pain at heart; pain in neck; pain above malleolus; feeling as if under influence of something powerful.—(*On bending head to floor*), Eyelid painful.—(*On descending steps*), Pain in occiput.—(*From pressure of clothing*), Feels worse.—(*On reading and thinking consecutively*), Weak feeling, etc., at heart.—(*On heavy respiration*), Sensation extending to back.—(*On rising from kneeling*), Dizziness, etc.—(*Stooping, or bending head forward*), Pain in upper portion of spine, etc.—(*On undressing*), Cough.—(*When writing*), Pain in arm.

Amelioration.—(*On undressing for the night*), Feels better.

CEREUS SERPENTINUS.†

Cereus serpentinus, Haw. *Nat. order*, Cactaceæ.

Preparation, Tincture of the stems.

Authority. Dr. John H. Fitch, proving with 15 drops (first day) and $\frac{1}{2}$ dr. of tincture (third day), Kunze's Monograph on Cactus, p. 31.

Mind.—**Emotional.** Light, lascivious feeling (second day).—Prono to lascivious thoughts (tenth day).—Pray nearly all night (third day).—At night, remained at a late hour at prayer; intended to remain all night at prayer, but fell asleep.—Very irritable, inclined to profanity (sixteenth day).—Very irritable, nervous, swear a little (third day).—Angry at trifles.—Fit of sudden ungovernable rage (eighth day).—Great apathy for several days (tenth day).—[10.] Insipidity of life; everything mechanical, no enjoyment (eighth day).—**Intellectual.** Feel mixed up, rage, swearing mood (nineteenth day).—Unfitness for study; after reading a short time, get impression to desist (ninth day).—Mistakes made in conversation; use the word fat for hat.—Omit the final part of a word in writing (ninth day).

Head.—Felt dizzy in morning, raising, with a scraping effort, mucus from the throat (second day).—Tensive pain in head and brain.—Feeling as if the back part of the brain were detached from the anterior portion and rotten (eighth day).

Eye.—Pain; slight drawing in right orbit (eighth day).—Itching of the inner canthus of the right eye, internal surface of the lid bordering the tarsal cartilage.

Ear.—[20.] Singing in right ear (ninth day).

Nose.—Epistaxis (sixteenth day).

Face.—In morning, awoke with a yellowish hue of countenance; slightly chilly (no fire in room), (second day).

Mouth.—Tongue has been dry for two or three days (fifth day).—At dinner, bite the inside of the mouth, right cheek (second day).

Throat.—Mucus in throat (sixteenth day).—Mucus in throat and nose adhering (seventh day).—In afternoon, much mucus in throat, also in

† See also Dr. Burt's proving under Cactus.

evening (tenth day).—Much loose mucus in throat (pharynx), (seventh day).—Much tenacious mucus in throat, detached with difficulty (fourth day).—[30.] Much raising of mucus from the throat, and discharged from the throat (seventeenth day).—Much expectoration of congealed mucus from the throat and nasal passages, through the course of the morning.—At times, considerable expectoration of mucus from throat, and dislodgment of mucus from nostrils.—Clearing of the throat of mucus very often (seventeenth day).—Throat cleared of mucus a great deal of the time this morning (twentieth day).

Abdomen.—Gas passed from bowels (fourth day).—A good deal of gas passed by the bowels at times, and symptoms recurring again (fifth day).—Very strongly smelling flatus from the bowels (eighth day).

Stool.—8.40 A.M., loose stool (second day).—9.30 P.M., had a stool like a large lump; difficult; felt better afterward (eighth day).

Urinary Organs.—[40.] 10 P.M., pain in the region of the right kidney (eighth day).—Urgency to urinate (third day).—Enuresis (sixteenth day).—Urine increased; urinate every four hours (third day).—Urine pale tea-green (ninth day).—Urine yellowish, with a tinge of green (ninth day).—Urine the past three days deep-colored (fifth day).—At noon, in passing urine, it precipitated a cloudy sediment (fifth day).

Sexual Organs.—*Genital organs seem small* (third and fourth days).—Genital organs small and dwindled.—[50.] Excited condition of genital organs; hyperæmia and hyperæsthenia increased by walking (ninth day).—Sensation as if a seminal emission were in danger of taking place, with absence of any lascivious thought or fancy (eighth day).—Pain in right testicle, with coldness (fourteenth day).—Towards 10 A.M., a seminal emission, which seems as if it passed “like a lump;” feeling as if a lump had passed one (ninth day).—Remain up very late, retire, and have an emission of semen, followed by an incisive and very great urgent pain, first in one and then in the other testicle; passed the time in the evening in prayer, with partial relief (eighth day).

Chest.—Thorax increased by drawing deep inspiration (third day).—A considerable drawing sensation or pain was felt over left collar-bone (immediately); after a little while it returns, accompanied with pressure and weight over that quarter of the chest.—Pain in chest, right side, just below the axilla and shoulder (after three hours).—Drawing pain in right pectoral muscles, in the direction and at tendon of pectoralis minor and at coracoid process (eighth day).

Heart and Pulse.—Feel the effect of muscular exertion of the heart (eighth day).—[60.] Paralyzed feeling in heart (9.50 P.M.), (ninth day).—Feel pain at heart after retiring (seventh day).—Pain at heart after exertion, followed by shortness of breath, relieved after taking a full inspiration (nineteenth day).—Momentary pain at heart (second day).—Afternoon, short sharp pain through the heart (second day).—Thrusting pain at heart, followed by sighing respiration (second day).

Neck and Back.—Pain in neck, with perspiration on slight exertion (fifth day).—Pain felt, especially on posterior cervical muscles (fifth day).—Tenderness of the cervical muscles (third day).—Lameness of right shoulder-blade, lower portion, dorsum, running to side (third day).—[70.] Pain in back, region of kidneys (third day).

Superior Extremities.—Pain in right arm (sixth day).—Severe pain in right arm, in writing (seventh day).—Pain along course of nerves on inner side of right arm (eighth day).—**Shoulder.** Pain with coldness

toward the shoulder, in a cold room (ninth day).—Lameness (very bad) of the right shoulder, constant for most of the day; feel as if a heavy load had been carried on it, which had produced a bruised chest (third day).—Pain in right shoulder (eighth day).—Feeling as if the shoulders were sprained by exertion of the muscles (eighth day).—Pinch in left deltoid muscle.—**Elbow.** Heaviness of the left arm at the elbow, a kind of tired feeling.—[80.] Pain (sharp) in right elbow (fifth day).—At evening, pain in right elbow, gnawing pain (fifth day).—**Wrist.** Pain in right wrist (fifth day).—**Hand.** Pain in fifth metacarpal bone of right hand, with aching toward wrist, extended to elbow (ninth day).—**Fingers.** Pain in left little finger (second day).

Inferior Extremities.—Pain in right lower extremity, near knee (eighth day).—After kneeling, numbness of right extremities, from the knee down (tenth day).—Pain in the dorsum and inner side of right foot, drawing in character; feels as if a horse had stepped on it (eighth day).

General Symptoms.—Voluptuous feeling (ninth day).—Faint feeling, with all the time much saliva in the mouth; (this has occurred before during seasons of great despondency, to which I have been subject), (fifth day).—[90.] Feel badly, with dwindling of genital organs (sixteenth day).—Feel like one recovering from a cold (cephalic catarrh), (second day).—Painful feeling in bones, as if a snowstorm were coming (am very sensitive to such influences during the winter months), (third day).—Its more potent action is in affecting the nerves and muscular organs on the right side of the body.

Skin.—Pustule on forehead, left side (second day).—Pustule on right upper lip, angle of the mouth, on parts covered by beard (fifth day).—Very sore spot in beard just below left angle of mouth (fifth day).—Burning-itching of the ala nasi.—Itching of the surface of the chin covered by the beard, also of the upper lip in beard.—Itching very severe on sole and sides of right foot, mostly toward the heel (eighth day).

Fever.—[100.] Sensitiveness to cold (third day).—Feel chilly easily (second day).—Very sensitive to cold in chest (sixteenth day).—Cold feeling at side of neck, below ears (second day).—Perspire easily (fourth day).

Conditions.—**Aggravation.**—(*Morning*), When hawking mucus, felt dizzy; on waking, face yellow, etc.—(*After exertion*), Pain at heart.—(*On writing*), Pain in arm.

Amelioration.—(*Full inspiration*), Pain at heart.—(*Prayer*), Pain in testicle.

CERVUS.

Cervus campestris, Cuv. (called by Mure, *Cervus Brasilicus*). *Brazilian name*, Gouazoupita; the Brazilian deer.

Preparation. Triturations of the fresh hide, covered with hair.

Authority. Mure, *Pathogenesie Bresilienne*.

Mind.—Dejection during the day (third day).

Head.—Dizziness and heaviness of the head (first day).—The dizziness continues (second day).—Dizzy-headed; slight weight on the forehead (third day).—At 5 in the morning, the head feels heavy and dull, especially the front part (first day).—At noon, the head feels compressed, as by a band tied at the nape of the neck (first day).—Weight in the forehead (second day).

Eye.—Vision very sensitive to light; he cannot open his eyes in the sunlight (second day).

Nose.—Sensation like a needle-prick on the right wing of the nose (first day).

Face.—[10.] The face is mottled in various places (third day).

Mouth.—At 9.30 o'clock, the left side of the tongue feels hurt (first day).—*Taste of doughy bread in the mouth* (second and third days).—Coppery taste in the mouth, and a sensation of heat in the throat, when taking the drug (first day).

Abdomen.—At 6 o'clock, slight pain around the navel, of short duration (first day).—Pricking pain in the navel when lying down (second day).—Intermitting pain in right groin after walking (second day).—At 8 o'clock, pain like a needle-prick in the right groin in the direction of the joint, lasting a quarter of an hour (second day).

Stool.—Slight diarrhœa (first day).

Urinary Organs.—Urine of the color of very strong tea (first day).

Sexual Organs.—[20.] Erection in the evening, with desire to lie down (third day).

Superior Extremities.—Numbness of the arm on which he lies at night (third day).—Numbness of the hands and legs (fourth day).

Inferior Extremities.—Frequent pain, now in the left buttock, now in the thigh (first day).—Induration of the left leg, with lancinating pain (third day).—Weakness of the left leg (first day).—Uneasiness in left leg (fourth day).—Sensation as if lashed with a whip on the inner side of the right leg, with red spots (second day).—Small callosity above the left internal malleolus (first day).—Bruised sensation in the left toes (first day).

General Symptoms.—[30.] (Languid feeling; he wants to lie down), (first day).—Feeling as if tired and bruised all over (first day).—(Unable to work), (first day).—Uneasiness (first day).

Skin.—Appearance like incipient erysipelas (second day).—Dark-red spots, with inflammation of the right side of the face (first day).—Red and moist spots on the left leg (third day).—Feeling of gooseflesh, as if some one was cutting cork close to him (first day).

Sleep.—Yawning (second day).—Repeated yawning (first day).—[40.] Drowsiness from 2.30 to 3 o'clock (first day).—Quiet and short sleep; he wakes four times in the night (third day).—Restless sleep, as on the first night (second day).—Light or comatose sleep, with dreams of men dressed in black, pistol-shots, imprisonment (first day).—Awakes several times in the night, always preoccupied with the idea of quarrelling with some one who frightened him (second day).

Fever.—**Chilliness.** Shivering, with twitching (second day).—Feels cold, although well wrapped up (first day).—**Heat.** Constant heat in head (first day).—4 o'clock, the heat in the forehead and face increases (first day).—Heat of the legs (first day).—[50.] Heat in the right leg, where the red, sore place is (third day).

Conditions.—**Aggravation.**—(*Evening*), Erection, etc.—(*When lying down*), Pain in navel.—(*After walking*), Pain in groin.

CHAMOMILLA.

Matricaria chamomilla, L. *Nat. order*, Compositæ. *Common name*, Chamomile.

Preparation, Tincture of the whole plant when in flower.

Authorities. 1, Hahnemann, R. A. M. L., 3, 63; 2, Stapf, *ibid.*, effects of several cups of strong chamomile tea on a girl of 19 years; 3, Callen, *Mat. Med.*, II, p. 94, *ibid.*, "general statement of effects;" 4, Lund, Munro, Pringle, Rosenstein, from Hahnemann, "general statement;" 5, Senac, *De recondita februm intermit. et remit. natura*, "effect when used in intermittents" (6 to 16, *provings of Prof. Hoppe in Hom. V. Jahrschrift*, 13); 6, Carl Haydel, proving with the 12th; † 7, *ibid.*, proving with the 6th; 8, *ibid.*, proving with the 3d; 9, *ibid.*, proving with the 2d; 10, *ibid.*, proving with the 1st; 11, *ibid.*, proving with the tincture; ‡ 12, Reidhaar (med. student of Prof. Hoppe), proving with the 6th dil.; 13, *ibid.*, proving with the 1st; 14, *ibid.*, proving with the tincture, 5 to 40 drops; (15 and 16, Prof. Hoppe's provings on himself, are omitted); § 17, Hencke, proving with "Essentia cham. fortis," repeated doses 6 to 30 drops, *A. H. Z.*, 67, 89; (18, omitted); 19, Knorre, symptoms from an infant fed on Chamomile tea, and also from children from the flowers, *A. H. Z.*, 6, 34; 20, Bér ridge, fragmentary proving of Mrs. —, with one dose of the 4000th Jenichen, *N. Am. J. of H.*, N. S., 3, 503; 21, Schneller, proving with repeated doses of from 2 to 24 grains of the extract (*Zeit. d. K. K. Gesell. d. Aerzte in Wien*), *Br. J. of Hom.*, 6, 270; 22, general symptoms of five physicians, of the preceding society, who took the extract in doses of from 2 to 24 grains a day, *B. J. of Hom.*, 6, 267.

Mind.—Emotional. Great mental excitement (ten minutes after 5

† This prover (as also the other provers under Prof. Hoppe) kept accurate accounts of the condition before the proving; their previous condition has been carefully considered by the editor of this Encyclopedia, and the symptoms then observed have not been included in the proving.

‡ At the conclusion of Haydel's provings Prof. Hoppe notes as follows: "After a month he reported that the stool had occurred only every second day; the tongue was somewhat cleaner than before the proving; he had experienced no more pains in the arms and legs, and no more in the teeth; on the velum there was shown the previous slight redness, and the mucus in the mouth was rusty-colored in the morning, the gum was firm and of a flesh color, and bled no more on brushing the teeth; on hawking in the morning he brought up some clear blood (as before proving.—ED.); pressure upon the stomach was somewhat painful; rapid motion caused some palpitation; chest and heart as formerly; pulse, in the afternoon while sitting, 92, somewhat small and soft. He felt generally well and vigorous, and was busy in his usual active way with his studies. From Chamomilla he experienced some improvement in his general condition, but for the most part the improvement had been only transient. He did not know that I had given him Cham. to prove, but toward the end of his proving he suspected that it was the drug. It is true that this proving has its faults, but it cannot be denied that the symptoms of Cham., as experienced by this young man, are remarkably numerous and clearly pronounced, and that he was able to observe these symptoms with special ability and skill."

§ The editor has found it impossible to sift Prof. Hoppe's provings in any way that would furnish a reliable picture of the action of the drug. Prof. H. suffered habitually from: 1st, Dental periostitis in some bicuspids and tricuspid; 2d, Tendency to cerebral hyperæmia and vertigo; 3d, Tendency to nasal catarrh; 4th, Tendency to cough and to bronchial catarrh; 5th, Palpitation of the heart; 6th, Diarrhœa; 7th, Various pains and muscular rheumatisms; the action of the drug upon Prof. H. is, however, exceedingly interesting and instructive.

drops),¹¹.—At night while awake and sitting up in bed, he talks strangely,¹.—*At night, it seems as though he hears the voices of absent persons*,¹.—Fixed ideas (later action),¹.—The disposition, which was formerly very much affected by every depressing or exciting circumstance, was soothed by Chamomilla at the beginning of every proving, so that he became equable and insensible to every provocation; after awhile, however, a certain exhaustion, indolence, and inactivity of mind appeared, which ceased on stopping the remedy, and the former irritability returned,¹⁰.—Earnest and taciturn mood; reconciled to his fate, about which he is deeply affected (later action),¹.—Weeping and wailing,¹.—Weeping mood and despondency; she complains of loss of sleep on account of general bruised feeling in the limbs,².—Cries piteously (after four hours),¹.—[10.] **Moaning on account of a very trifling offence, which had happened a long time ago*,¹.—Moaning and groaning on account of ill-humor (after five hours),¹.—**Involuntary moaning, with heat of the face*,¹.—**Piteous moaning of a child because he cannot have what he wants* (after three hours),¹.—Mood depressed and uneasy (eight days after 60 drops),¹¹.—Very depressed mood, with anxiety and oppression, as of impending evil (twenty minutes after 5 drops),¹¹.—Reflective; one cannot get a word out of her,².—Apprehensiveness (tenth day),¹⁴.—Apprehensive feeling and depressed mood (soon after 60 drops),¹¹.—Dread of every work,¹.—[20.] **Great dread of wind*,¹.—Anxiety, as if he was obliged to go to stool and ease himself,¹.—**Anxiety, with ineffectual urging to urinate, without much urine in the bladder*,¹.—Anxiety while urinating, without any mechanical hindrance,¹.—Repeated attacks of anxiety during the day,¹.—**Full of anxiety, with great uneasiness* (forty-five minutes after 10 drops),¹¹.—He is beside himself on account of anxiety; weeps and sweats profusely,¹.—**Very anxious; everything that she undertakes is very unsatisfactory; she is irresolute, with flushes of heat in the face, and cool sweat in the palms*,¹.—He is excessively anxious in bed, but not out of it, with rapidly changing pupils,¹.—Hypochondriac anxiety,¹.—[30.] Trembling anxiety, with palpitation (after one hour),¹.—(She makes conscientious scruples about everything),¹.—**Disposition again much more excited than usual* (seventh day after 60 drops),¹¹.—Mood somewhat excited, uneasy (fifth day),⁷.—Excited, irritable temper,²².—**Irritable mood*,¹.—***Mood irritable; easily becomes impatient** (third day after 5 drops),¹¹.—**Disposition irritable and impatient*,¹¹.—Since taking this drug, the great irritability of disposition has very much diminished, even to the point of being blunted,⁹.—**Ill-humored and irritable, the whole day* (third day),¹⁴.—[40.] Ill-humor; he suspects that he has been imposed upon,¹.—**Peevish disposition* (22 and 24 grains),²¹.—The disposition was quiet during the whole day, though ***the pains sometimes made him very peevish**, especially those which involved the joints, and extended along the bones as paralytic and drawing pains; the wrist-pains sometimes seemed intolerable, although they were not very severe, and were transient,¹¹ †—**Peevishness; she seeks a cause for being peevish at everything* (after three hours),¹.—***Peevish about everything, with dyspnoea**,¹.—**Fretful, and easily irritated* (third and fourth days),¹⁷.—**He is constantly fretful and inclined to be peevish*,¹.—Morning, on rising, fretful and disinclined to mental labor; during the day better (second day),¹⁷.—**Fretful, out of humor, and obstinate, even to quarrelling, on the appearance of the*

† It seems remarkable that Herr H. should characterize these pains as intolerable, and as making him so uncomfortable and fretful, especially as he did not know what he was taking.—*Prof. Hoppe*.

menses,¹.—Fretfulness, for two hours,¹.—[50.] Fretfulness, after eating dinner,¹.—**Morose fretfulness; everything that another does is wrong; no one does anything to please him*,¹.—**He frets internally about every trifle*,¹.—Disposed to anger, scorn, and quarrelsomeness (after two hours),¹.—Morose, inclined to scorn (after twelve hours),¹.—Talks with aversion, in a short, abrupt way,².—*“*Great impatience,*” *everything seems to go too slowly* (fifteen minutes after 5 drops),¹¹.—***Whining restlessness; the child wants this and that, and when it is given he will not have it, or pushes it from him** (after four hours),¹.—He cannot stop talking about old vexatious circumstances,¹.—**He cannot endure being spoken to, or interrupted, especially after rising from sleep*, with sluggish pupils, difficult to dilate and to contract (after ten hours),¹.†—[60.] His hypochondriac whims and his peevishness about the most trifling circumstances seem to him to depend upon stupidity and heaviness of the head and constipation,¹.—***The child can only be quiet when carried on the arm**,¹.—Want of attention, careless; external objects make no impression upon him; he is indifferent to everything (after two hours),¹.—**Intellectual**. Confused, excited mind,¹⁸.—He stammers, uses wrong expressions, and corrects himself (after four hours),¹.—He understood a question wrongly and answered incorrectly, with subdued voice, as if he were delirious (after six hours),¹.—**When writing or speaking, he omits whole words*,¹.—Thoughts vanish,¹.—Absence of mind; he sits lost in thought,¹.—Great distraction of mind, even amounting to loss of ideas and inability to reflect earnestly for any length of time, in the afternoon,¹¹.—[70.] Dulness of the senses, diminished comprehension (after four, five, and six hours),¹.—*A joyless dulness of the senses, with sleepiness, without, however, being able to sleep*,¹.—He understands and comprehends nothing aright, as if a kind of deafness prevented him, or as if he were in a waking dream (after one hour and a half),¹.—Exhaustion of mind (fourth day after 60 drops),¹¹.—Complete mental exhaustion, in the evening,⁹.—He is easily exhausted by reflecting,¹.—Disinclination for mental work (soon),⁸.—Great disinclination for mental work,⁹.—When waking, while yet overpowered with sleep, he mistakes familiar persons for quite different ones (larger ones),¹.—Slight stupefaction, with some vertigo,¹¹.—[80.] Slight sensation of stupefaction, with feeling of compressure of the brain,¹¹.—**Coma vigil, or rather an inability to open the eyes; slumbering without sleep, quick expiration, and tearing headache in the forehead, with nausea* (after one hour and a half),¹.—**The child lies senseless, completely without consciousness; frequent changes in the face, distortion of the eyes, contraction of the facial muscles, rattling in the chest, with much cough; it yawns and stretches very much*,¹.

Head.—Confusion. Confusion of head,²².—Confusion of the head, with great inclination to bend it backward (fourth day after 5 drops),¹¹.—Confusion of the head, with sticking and boring in it, especially in the right temple, in the morning (after 60 drops),¹¹.—Confusion of the head, with pressure by paroxysms, during the afternoon,⁹.—*Confusion of the head, with transient painful pressure on the eyes, in the afternoon*,⁸.—Great confu-

† The disease, sometimes dangerous, similar to an acute bilious fever, which is caused by violent vexatious anger, with heat of the face, unquenchable thirst, bilious taste, anxiety, uneasiness, etc., has so much homœopathic similarity to the symptoms of Chamomilla that it cannot be otherwise than that Chamomilla should relieve the whole trouble speedily and specifically; one drop of the diluted juice, as above mentioned, removes this condition as by magic.—H.

sion of the head,¹⁰.—Very great confusion of the head throughout the whole day, with great disinclination for every mental labor, which immediately increased the headache,⁹.—[90.] Head confused (second day),⁹.—Head confused, after waking in the morning,¹¹.—Head quite confused, especially while lying down (third day),⁷.—Head much confused, on waking (fourth morning after 5 drops),¹¹.—Head very much confused; scarcely able to do any mental work,¹¹.—Head very much confused and stupefied, on waking at 5 A.M. (second day after 5 drops),¹¹.—Stupefaction of the head (forty minutes after 40 drops),¹¹.—Stupefaction of the head (forty-five minutes after 5 drops),¹¹.—Stupefaction of the head, without real headache,¹¹.—Stupefaction of the head returns one hour after the nose-bleed, with vertigo, especially on closing the eyes, at 7 A.M. (third day after 5 drops),¹¹.—[100.] Dulness of the head,².—**Vertigo.** Vertigo (tenth day),¹⁴.—Vertigo, even to faintness,¹.—Vertigo, in the morning,¹.—Vertigo, in the evening, as if he were unable to collect his senses,¹.—Vertigo, after drinking coffee,¹.—**Vertigo, after eating*,¹.—(Vertigo and dim vision after lying down, with transient heat in the face),¹.—Vertigo, on rising after sitting a long time,¹³.—Vertigo while sitting erect, not while lying,².—[110.] (Vertigo, when stooping),¹.—Vertigo, especially when talking (after sixteen hours),¹.—Vertigo, even to falling down, as if the head were topheavy, when walking soon after eating,¹.—Vertigo, with dizziness,¹.†—Some vertigo in the forenoon,¹³.—Some vertigo, after stooping a long time, and some cough,¹⁴.—Slight attack of vertigo (thirty minutes after 5 drops),¹¹.—**Slight attacks of vertigo, with tendency to faint* (after a quarter of an hour),¹.—*A drunken staggering kind of vertigo, in the morning on rising from bed*,¹.—**General Head.** Rush of blood to head,²².—[120.] Rush of blood to the head, with pressure on the vertex (second day after 5 drops),¹¹.—Rush of blood to the head and chest (five minutes after 10 drops),¹¹.—Rush of blood to the head and chest, with stitches in the right side of the chest, on every earnest thought (third day after 5 drops),¹¹.—Great rush of blood to the head, with heat in the face and oppression of the chest, together with stitches in the chest (third day),⁷.—Great rush of blood to the head, with intense stitches in the head on every motion of it, and on every stooping, even existing during rest, at 3 P.M.; this headache was relieved when, at 7 P.M., some drops of blood flowed from the nose; soon after the headache ceased (third day),¹⁰.—At noon, during the heat, violent rush of blood to the head, with pressive pains; relieved at evening while walking in the cool air (twelfth day after 60 drops),¹¹.—Congestion to the head,⁷.—Continual congestion of the head, with pressure on the vertex, aggravated by every mental work,⁹.—Severe congestion to the head, at 5 A.M. (second day after 5 drops),¹¹.—Violent congestion to the head (eleventh day after 60 drops),¹¹.—[130.] **Inclined to bend the head backward* (second day after 20 drops),¹¹.—Great inclination to bend the head backward,¹⁰ ¹¹.—She wags the head backward and forward,².—Almost complete inability to hold the head erect; he is obliged to bend it either far forward or far backward (thirty minutes after 5 drops),¹¹.—Head heavy, with pressure and burrowing pain in the temples, especially in the right, at 6 P.M. (second day after 5 drops),¹¹.—Head continues heavy and confused, especially in the occiput,¹¹.—Heaviness of the head,¹ ².—Heaviness of the head (fourth day after 60 drops),¹¹.—Heaviness of the head, on waking in the morning (second day),⁶.—Great heaviness of the head,¹⁰.—[140.] Great heaviness, with drawing forward of the head

† Compare S. 800.

(thirty minutes after 5 drops),¹¹.—Headache,²².—Headache noticed, even during sleep,¹.—Headache, consisting of heaviness and bruised sensation (after three hours),¹.—Headache, in the morning in bed, while the eyes are still closed in a half-waking sleep; it disappears when completely awake and after rising,¹.—Headache and vertigo, after sitting a long time after exerting the mind (fourth day),¹⁴.—Headache, with confusion of the head, and very excited disposition (third day after 5 drops),¹¹.—Some headache in the whole head,¹³.—Severe headache in the evening (fourth day),¹⁴.—Some headache after eating,¹⁴.—[150.] The characteristic headache became very much increased in the evening, with sensation of great weakness in the head,⁹.—The characteristic headache returns again soon after waking, especially the pressure in the vertex, extending to the forehead and temples, with a sensation as if the temples were pressed together with the thumbs; aggravated by mental effort (second day),⁹.—Sensation of heat in the head (five minutes after 10 drops),¹¹.—Sensation of great heat in the head (ten minutes after 5 drops),¹¹.—Sensation of fulness in the head,¹¹.—Sensation of fulness in the head and nose, with great rush of blood to them (fifth day after 60 drops),¹¹.—Pain in the head, as if it would burst, on waking from sleep (after thirteen hours),¹.—Sensation of compression of the brain by the dura mater; this sensation was relieved by the appearance of heat in the head and the beginning of a gentle perspiration,¹¹.—Sensation in the brain, as from constriction of the meninges (soon after 60 drops),¹¹.—Headache, with violent pressure, as from strong pressure with the finger, alternating sometimes in the temples, sometimes in the lower portion of the forehead and in the frontal eminences, with great inclination to bend the head backwards (second day),¹⁰.—[160.] **Headache, especially in the temples; a pressure as from firm pressure with the fingers* (eighth day after 60 drops),¹¹.—Pressing headache, especially in the vertex and temples (third day after 5 drops),¹¹.—Pressing and burrowing headache, especially in the forehead and temples (second day after 20 drops),¹¹.—Pressive and pressing headache, half an hour after rising, which was aggravated when the attention was directed to it, but which, however, soon ceased (second day),⁸.—Pressive and stupefying headache the whole afternoon, periodically returning; this pain begins with a severe pressure upon the vertex, then extends to the forehead and temples, where it remains a long time (third day),⁷.—Confused pressive headache, when sitting and reflecting,¹.—The characteristic pressive headache reappeared half an hour after taking the drug, and was accompanied by severe attacks of an exhausted sensation in all the limbs and joints,¹⁰.—Pressure in the head (thirty minutes after 20 drops),¹¹.—**Pressure increasing and decreasing, especially in the right half of the forehead and in the right temple, where are also felt very frequent dull stiches, which sometimes extend to the occiput like electric sparks*,¹¹.—Pressure and heaviness in the head, with stitches in the temples, especially in the right, during the afternoon (second day after 60 drops),¹¹.—[170.] Pressure, aching, and heaviness in the head, especially in the sagittal suture (third day after 60 drops),¹¹.—Some pressure in the head,¹⁴.—The pressive pain in the head returns, with pressive pain in the eyeballs, and sensation in the right half of the head, especially in the right temporal region, as from a sharp angle pressing into the head (soon), (second experiment),⁷.—Pressive pain in the head, which he noticed soon after taking, was repeated in the course of the afternoon, when it seemed to be decidedly congestive in its character; this pain continued, as a very violent attack, in the morning and afternoon, for one hour; it seemed to be a pressure upon the vertex and whole

top of the head, extending to the neighboring parts; it commenced slight, and gradually increased in severity and slowly decreased; it never entirely disappeared, but continued, now weaker, now more severe, especially in the forehead and temples, chiefly on the right side, sometimes affecting the forehead and temples at the same time, at another time affecting only one of these places, frequently associated with a severe pressure upon the right eyeball, in the region of the superior oblique muscle, though this pressure was only transient.⁷—Violent pressive pain in the head, especially in the forehead, on waking; aggravated by motion, or by earnest thought, even by reading as usual, with inability to fix the attention long upon any object (fourth day).⁷—Fine sticking headache,¹—Severe stitches throughout the whole head, extending obliquely from the head of the hard palate to the top of the skull (third hour after 40 drops),¹¹—Some severe stitches in the brain,¹—Headache like needle-stitches, as if the eyes would fall out of the head,¹—Excessive tearing headache at midnight, which, however, on account of very deep sleep, only awakens him for a moment,¹—[180.] Throbbing headache (after fourteen hours),¹—Great pulsation in the head (fifteen minutes after 5 drops),¹¹—Single beatings in the head (after a quarter of an hour),¹—**Forehead.** Heaviness and dulness in the forehead (twenty minutes after 5 drops),¹¹—Pain in the bones of both sides of the forehead (after three hours),¹—Pain in the forehead, aggravated by moving the head,¹¹—Burning in the forehead,¹³—Sensation of constriction, as with a broad band, in the forehead (third day),⁷—Sensation of compression in the forehead (thirty minutes after 5 drops),¹¹—Dull burrowing and digging in the forehead and temples (soon after 60 drops),¹¹—[190.] Sensation of pressure in the forehead and temporal region (third day),⁷—Pressure in the frontal protuberances, aggravated by sitting and studying, relieved by walking, even by walking in the heat (after six hours),¹¹—Pressure and digging pains in the forehead, especially in the right side,¹¹—Pressure and dull digging in the frontal eminences, now in the right, now in the left side (forty-five minutes after 5 drops),¹¹—Slight pressure on the forehead and vertex, in the forenoon (fifth day),⁷—Pressive pain in the forehead and vertex (second day after 60 drops),¹¹—The frontal headache which appeared to-day lasted till towards evening; a pressive, rather severe pain, with pressure upon both eyes, and dull stitches in the right temple,⁷—Severe stitches in the right tuber frontalis, in a spot of the size of a half dollar, at times in rapid succession, at times many stitches at once; this symptom frequently returns (second day),⁹—Tearing headache in the forehead, with a sensation as if a lump were falling forward, while sitting, or turning over in bed,²—Recurrent, paroxysmal, tearing headache in the forehead,¹—[200.] Sticking-tearing headache in the forehead, which extends into the chest,¹—Jerking headache in the forehead, especially after eating,¹—**Temples.** The left temple is swollen and painful to touch (after six hours),¹—Pain in the left temple (second day),¹⁴—Slight pain in the left temple, followed by heat of the forehead, with some pressive pain in it,¹³—* *Wandering pains in the temples, frequently recurring, and always worse at the beginning*,¹¹—* *Sensation of great compression in the temples, as with both thumbs (forty-five minutes after 5 drops)*,¹¹—* *Pressive pains in both temples, with sensation as if one were pressing strongly with the thumbs, during the whole forenoon*,⁸—* *Sense of severe pressing inward with the fingers in the temples (third day)*,⁷—Stitches in the temples, with pressure and rush of blood to the head; the violent headaches and congestions of the head were in a great measure dependent upon the great heat, and were relieved

immediately after the occurrence of a refreshing, cooling rain (thirteenth day after 60 drops),¹¹.—[210.] Stitches in the left temple,¹⁰.—Stitches in the left temple (thirty-five minutes after 20 drops),¹¹.—Stitches in the left temple and pain in the stomach (sixth day),¹⁴.—Slight stitches in the left temple twice (third day),¹⁴.—Transient stitches in the left temple,¹⁴.—Severe stitches in the right temple (after six hours),¹¹.—Dull stitches in the temples, now in the right, now in the left,¹¹.—Dull stitches in the right temple and right side of the chest (soon after 5 drops),¹¹.—Boring stitches in the right temple, with heaviness and dull digging in the head,¹¹.—Tearing headache in one temple,¹.—[220.] **Tearing and sticking, extending outward to the temples*,¹.—Especially severe painful pulsation in the temporal arteries, with violent compressive pain in the right temple, toward noon,⁷.—*Vertex*. Headache on the right side of the vertex, at noon (fourth day),¹⁴.—The characteristic pain in the vertex, extending over the forehead and temples, reappeared, scarcely noticed at first, but becoming more severe for four hours (soon after taking),⁹.—Pressure in the upper part of the brain; this pressive sensation extended as a slight compression over the whole skull, with a sensation of weakness in the limbs, soon after taking,⁶.—Dull pressure on the upper part of the head, extending to the temples and occiput, with a slight sensation as if one were pressing the head from all sides (after five minutes),⁶.—Pressure on the top of the head, again extending over the whole head, when at last the head seems compressed from all sides, especially in the right temporal region (half an hour after the 6th),⁷.—Pressure upon the vertex (second day after 20 drops),¹¹.—Pressure upon the vertex (third day),⁷.—Pressure upon the vertex and in the orbital region (second day after 60 drops),¹¹.—[230.] Pressure on the vertex and in the temples; special pain in both temples, as from severe pressure with both thumbs, aggravated by mental work,⁹.—Pressure on the vertex and on the eyes (soon after 60 drops),¹¹.—Slight pressure upon the vertex, especially in the right side, extending to the forehead and temples, mostly on the right side (soon),⁸.—**The characteristic pressure and pressing from the vertex, extending over the forehead and temples, began again, but only in a slight degree, increased, however, as soon as attention was directed to it, and was also aggravated by sudden stooping, or by mental exertion, as when reflecting or even reading* (third day),⁸.—Pressive pain in the vertex (twenty minutes after 5 drops),¹¹.—Stitches on the vertex, which extend through the head to the pharynx (second day after 60 drops),¹¹.—Biting upon the vertex,¹⁴.—*Parietals*. Cracking in the left half of the brain,¹.—*One-sided drawing headache* (after three and four hours),¹.—Stitches in the right side of the head and in the forehead (fourth day),¹⁴.—[240.] Stitches in the region of the parietal eminences (third day after 60 drops),¹¹.—Single stitches in one half of the brain, especially in the right (after eleven hours),¹.—Transient stitches in the right side of the head,¹⁴.—Transient stitches in the right parietal bone,¹³.—Severe stitches in one half of the head, as after taking cold,¹.—**Transient attacks of throbbing in one half of the brain*,¹.—*Occiput*. Some pain in the left side of the occiput (sixth day),¹⁴.—Sensation of heaviness in the occiput (twenty minutes after 40 drops),¹¹.—Heaviness in the occiput, with great inclination to bend the head backward (second day after 60 drops),¹¹.—Dull heaviness in the occiput, with inclination to bend the head backward (soon after 60 drops),¹¹.—[250.] Pressure, fulness, and heaviness in the occiput, with inclination to bend the head backward (second night after 60 drops),¹¹.—Dull stitches in the occiput,¹⁰.—Dull stitches in the occiput, with great inclination to bend the head back-

ward,¹⁰.—Jerking stitches in the left side of the occiput,¹⁴.—Stitches in the scalp, especially in the region of the vertex, as if they were seated in the bone (ten minutes after 20 drops),¹¹.

Eye.—**The eye is swollen in the morning, and agglutinated with purulent mucus*,¹.—Burning in the eyes, followed by lachrymation, and then a sensation of great heat about the eyes (ten minutes after 5 drops),¹¹.—Burning in the eyes, with sensation as if their upper surface were very dry and rough (third day),¹¹.—Sensation of heat in the eyes (second day after 20 drops),¹¹.—Sensation as if fire and heat came out of the eyes (immediately),¹.—[260.] Pressure upon the eyes (second day after 20 drops; fourth day; eleventh day after 60 drops),¹¹.—Pressure in the eyes; the eyes are inflamed and full of gum in the morning,¹.—Great pressure, especially in the orbital region,¹¹.—Severe stitches in the eyes,¹.—**Orbit and Brow.** Pressure in the orbital region and upon the eyes, with severe stitches and oppressive pain, as if one were strongly pressing with the fingers, half an hour after waking (seventh day),¹⁰.—Heavy pressure above the eyes,¹.—**Violent pressure in the orbital region; sensation in the eyeball as if it were tightly compressed from all sides, with momentary obscuration of vision* (soon after taking),⁹.—Severely pressing pains over the right eye, with sensation of pressure upon the right eyeball, towards noon,⁷.—Stitches in the orbital region (four hours after 20 drops),¹¹.—Stitches in the right orbital and temporal regions, especially in the right side (third day after 60 drops),¹¹.—[270.] Stitches in the upper and inner portion of the right orbit, from the nasal canal into the nose (second day after 20 drops),¹¹.—**Lids.** Lids much swollen and bluish-red, first left, then right; child cannot open them,¹⁹.—In the morning, in bed, the eyes were half open and turned downward, pupils somewhat dilated; a kind of stupid sleep,².—Inner surface of lids and of ball covered with much yellowish purulent mucus and bloody fluid; slight pressure on lids brings pure blood or pus out; pure blood oozes out frequently on screaming and coughing,¹⁹.—Lids agglutinated after sleep,¹.—Trembling of the right lower lid (thirty-five minutes after 20 drops),¹¹.—Transient twitchings in the eyelids and limbs (ether. oil),¹⁸.—Great dryness in the Meibomian glands on the margin of the upper and lower lid (after one hour),¹.—A pressive pain beneath the upper lid on moving the eyes and on shaking the head,¹.—Painless congestion in the white of the inner canthus of the right eye (after fourteen hours),¹.—[280.] Canthi full of matter in the morning,¹.—In canthi and margins of lids, dried pus,¹⁹.—Feeling of soreness in the external canthi, with denuded sore lids (after thirty-six hours),¹.—**Lachrymal Apparatus.** Lachrymation (fifteen minutes after 5 drops),¹¹.—Lachrymation of the right eye (second day),¹⁰.—Conjunctiva swollen and dark-red,¹⁹.—**Ball.** Sensation as if the eyeball were drawn tightly backward (second and third days after 60 drops),¹¹.—**Pupil.** Pupils become more dilated after return of consciousness, on waking from a nap (after seven hours),¹.—Contracted pupils (first four hours),¹.—Pupils very much contracted, though inclined to contract still more (after several hours),¹.—**Vision.** [290.] The eyes seem sensitive to light (second day after 60 drops),¹¹.—Flickering before the eyes (immediately),¹.—Flickering before the eyes; she could not see where she was,².—It became black before the eyes,².—Eyes dim and weak in the morning, seldom in the evening; by the light it seemed as if rays of light passed from the eyes to the flame,¹.—Dim vision, with chilliness,¹.—Obscuration of vision at the side, if one fixes the vision upon a white object,¹.—Frequent obscuration like a fog before the eyes (third day after 5 drops),¹¹.

Ear.—Dulness before the ears, in the evening (after twenty-four hours),¹.—Sensation as if the ears were stopped, and it seems as if a bird were rustling and fluttering in them,¹.—[300.] Several times during the day, feeling as if hot water were running out of right ear (second and third days),²⁰.—Dull pressure as if from a blow in the inner ear on stooping,¹.—Stitches in the region of the right tragus, extending even into the auditory canal, where it continues as a small, slight spasmodic sensation,⁹.—**Stitches from the tragus into the meatus* (thirty-five minutes after 20 drops),¹¹.—Stitches in the meatus (second day after 20 drops),¹¹.—Stitches, with sensation of contraction in the external meatus in front of the tragus,¹¹.—**Frequent stitches and sudden, transient spasmodic sensation in front of the right ear, in the region of the tragus; this sensation sometimes extended into the auditory canals* (first day),⁶.—Transient stitches across the left ear,¹⁴.—Sharp stitches in the right meatus (forty-five minutes after 5 drops),¹¹.—Dull stitches in the right mastoid process,¹¹.—[310.] **Single large stitches in the ear, especially when stooping, with ill-humor and peevishness about trifles*,¹.—Tearing in the ears, earache,¹.—(Tearing in the right lobule),¹.—**Hearing.** She cannot endure music,¹.—Ringing in the ears,¹¹.—*Ringing in the ears* (after one, three, and four hours),¹.—Roaring in the ears (thirty minutes after 40 drops),¹¹.—Great ringing in the right ear, with stitches in the right tragus, extending into the meatus (third day),¹¹.—Roaring and ringing in the right ear (eleventh day after 60 drops),¹¹.—**Roaring in the ears, as from rushing of water*,¹.—[320.] Roaring in the ears, in the afternoon,¹².—Severe roaring in the ears,¹⁰.

Nose.—Objective and Discharges. Ulcerated nostrils, sore nose,¹.—Must often sneeze,¹⁷.—Frequent sneezing, and a sensation as though a coryza would ensue (second day after 5 drops),¹¹.—Frequent violent sneezing, with crawling in the nose; some drops of clear blood had been discharged from the nose during the afternoon (third day after 60 drops),¹¹.—Evening, suddenly, repeated sneezing (second day),¹⁷.—**Coryza, from five to eight days* (after two hours),¹.—Thin fluent coryza; watery mucus drops from nose; disappeared in three hours (second day),¹⁷.—Nose-bleed,¹.—[330.] Discharge of a few drops of bright-red blood from the nose, which relieved the confusion of the head and the abnormal sensations in the nose (second day after 60 drops),¹¹.—Epistaxis after rising and washing, which immediately relieved the confusion of the head and stoppage of the nose (second morning after 10 drops),¹¹.—Epistaxis from the right nostril, with relief of the inflammation in the left wing of the nose, and complete relief of the head (third day after 5 drops),¹¹.—Stoppage of the nose, with rush of blood to it (fourth day after 5 drops),¹¹.—Stoppage of the nose, with heat in it, as if coryza would ensue (eighth day after 60 drops),¹¹.—Violent stoppage of the nose, with sensation as if he would have nose-bleed, lasting half an hour (soon after taking),⁸.—Stopped nose, like a stopped coryza (after one hour),¹.—Stopped nose, like a stopped coryza, with mucous discharge from the nose,¹.—**Subjective.** Increased sensation in the nose, as if coryza or epistaxis would occur (second day after 20 drops),¹¹.—**Irritation to sneeze, with crawling and dry heat and stopped sensation in the nose, with a sensation as if coryza would appear, also with pressure in the forehead* (second day after 5 drops),¹¹.—[340.] Dryness and sensation of fulness in the nose, soon followed by nose-bleed (twelfth day after 60 drops),¹¹.—Dryness and stopped sensation in the nose returns, with sensation as though the nose would bleed (soon),⁸.—Nose somewhat dry and stopped, with tension and sensation of heaviness in it (second morning

after 20 drops),¹¹.—Feeling of dryness, heat, and fulness in the nose (second day after 60 drops),¹¹.—Sensation of great dryness and fulness in the nose (soon after 60 drops),¹¹.—A transient sensation of great dryness and burning in the nose (third day),¹¹.—Constant great sensation of dryness of the mucous membrane of the nose, and on the border of the left wing of the nose a painful sensation to touch, as if a pustule would develop (thirty-five minutes after 5 drops),¹¹.—Fulness, with some crawling in the nose and some lachrymation (after 5 drops),¹¹.—Transient sensation of fulness in the nose, with sensation as if it would bleed (third morning),⁸.—Crawling in the nose, provoking sneezing (ten minutes after 5 drops),¹¹.—[350.] Pressive stitches in the nasal bones (second day after 60 drops),¹¹.—Crawling in the nose (second day),¹⁷.—**Crawling in the nose until the eye waters*,¹⁰.—Severe crawling in the right nostril, as if coryza would follow, at 10 A.M. (second day),¹⁰.—Excessive crawling and a sensation of fulness in the nose during the whole forenoon (second day after 5 drops),¹¹.—**Smell.** **Extremely sensitive to all smells*,¹.—Beer seems to smell offensive,¹.

Face.—Puffiness of the face and hands,¹.—**Burning in the face* (thirty minutes after 40 drops),¹¹.—**Cheek.** **Redness of one cheek, returning in paroxysms, without shivering or internal heat* (after four and twelve hours),¹.—**Lips.** [360.] **Lips crack and peel* (after sixteen hours),¹.—Dry lips,¹².—At night, the lips become dry and stick together, without thirst,¹.—**Jaws.** Heaviness in the jaws, with slight burrowing in the alveoli (sixth day after 60 drops),¹¹.—Sensation of heaviness in the lower jaw returns about 1 P.M. (third day),¹¹.—Pain on opening the jaws, as if the masseter muscles were painfully cramped, which pain also extended into the teeth,¹.—**Stitches in the right joint of the jaw, extending into the upper back teeth, severe but transient*,¹⁰.—**Single stitches in the jaw, extending into the inner ear*,¹.—Feeling of weakness in the muscles of mastication, with inclination to hold the mouth open, with increased accumulation of saliva (third day),¹¹.

Mouth.—Teeth. Looseness of the teeth,¹.—[370.] Teeth covered with mucus,¹.—Wakened at 3 A.M. by toothache (a corroding pain, as if something scratched the nerve), which ceased about 7 o'clock, so that only a few jerklike stitches remained,¹.—Toothache occurs during the forenoon, and lasts all day (third day),¹.—**Toothache as from taking cold, if one exposes himself to the cold air when sweating*,¹.—Toothache while eating,¹⁴.—**Toothache while eating, and for some time afterwards*,¹⁴.—**Toothache after eating and drinking, though nothing warm nor cold was taken* (later),¹.—**After eating and drinking, especially something warm* (though also after cold things), *toothache reappears immediately or after a minute*,¹.—Toothache, even when not eating, in the left lower canine tooth and in the incisor next to it, aggravated by touching the tooth with the tongue,¹⁴.—**Toothache if anything warm is taken into the mouth*,¹.—[380.] **Toothache, especially severe after a warm drink, particularly coffee*,¹.—(Toothache is renewed in a warm room),¹.—Toothache, with swelling of the cheek,¹.†—Toothache recurring in intermittent attacks, with swelling of the cheeks and accumulation of saliva; the pains shoot back and forth, even extending to the eye, and are aggravated by drinking cold water,¹.—Violent toothache in a left upper diseased back tooth during breakfast,¹⁴.—**Violent toothache in the left upper jaw, every time after eating warm food*,¹³.—

† The toothache which Chamomilla causes is very similar to that so frequently produced by drinking coffee; the latter is therefore homœopathically and specifically cured by small doses of Chamomilla.—H.

Drawing toothache (without being able to locate it in any tooth); it disappears during eating, but especially rages at night, therewith the teeth feel too long.*^{1,†}—Drawing toothache in the lower jaw, extending forward (after half an hour),¹.—Grumbling-drawing toothache in the jaw,¹.—Pressive toothache in the alveoli of the right upper jaw,⁹.—[390.] Tearing toothache, which extends to the ear, with swelling of the cheek,¹.—Pain in a left upper hollow back tooth, less during dinner, but more during supper (third day),¹⁴.—Sensation in the upper back teeth as if they were too heavy and dragged downward (thirty-five minutes after 20 drops),¹¹.—Grumbling and crawling in the teeth of the upper jaw,¹.—Sensation of distension and heaviness in the roots of the upper back teeth on both sides (second morning after 10 drops),¹¹.—Boring and digging pains in the teeth on waking in the morning (after 5 drops),¹¹.—Boring and digging in the roots of some of the back teeth, especially in the hollow ones; cold water relieves this sensation for the moment, but it soon returns more severe than ever (fifteen minutes after 5 drops),¹¹.—Long-continued dull digging and boring in the roots of some of the back teeth,¹¹.—Drawing pain in the teeth,¹.—Drawing pain in the teeth after eating and drinking.*¹—[400.] Pressure upon the canine tooth and first back tooth of the left side above and below caused pain (fourth day),¹⁴.—Very transient pressure and pressing-asunder pain in the teeth (soon),⁹.—Slight transient pressive pain in the second and third back teeth in the afternoon,⁸.—Stitches in some of the lower teeth in the morning (after 40 drops),¹¹.—Severe stitches in the roots of the three back teeth of the left upper jaw (nine hours after 60 drops),¹¹.—Evenings, tearing pain in teeth, worse from tea, and continued so as to disturb sleep, with restlessness and heat in face,¹⁷.—**Teeth sensitive to touch, especially some hollow back teeth* (ninth day after 60 drops),¹¹.—Teeth very sensitive to touch, especially some hollow teeth of the upper jaw, with heaviness in the alveoli, etc. (seventh day after 60 drops),¹¹.—Throbbing pain in the second and third right lower back teeth, aggravated by pressure, and momentarily relieved by cold water (second day after 60 drops),¹¹.—Throbbing in the roots of some of the back teeth, especially in the right upper jaw, and pain in some of the teeth when touched (fourth day after 60 drops),¹¹.—[410.] The prover remarks that the first left upper tricuspid is hollow, that he had pain in it nine months ago, but only while eating, and then only if some food got into it, and these pains have increased during the proving of Chamomilla; he farther remarks that since his earliest recollection he has had much sweat on the feet, and four or five years ago he had much pain in his throat,¹⁴.—*Gums and Alveoli.* Swelling of the gum,¹.—Swelling of the gum, with increased tension; pressure upon it causes a pricking as with needles; this he had had frequently before, but never to such a degree,⁹.—Swollen gum, with tension, sticking and violent pulsation of the alveoli of the upper and lower jaws, especially of the lower, and particularly in the region of the right angle, with severe pressure and sensation of pain,⁹.—**Sensation as if the gum were swelling about some of the back teeth* (fifteen minutes after 5 drops),¹¹.—Heaviness in the lower alveoli, with dull stitches and pressure in some of the back teeth of the right side of the

† It is a peculiarity of Chamomilla pains generally that they are worse at night, when they frequently drive one to the border of distraction, not infrequently with unquenchable thirst and redness of the cheeks; also with hot sweat on the head even in the hair. THE PAINS OF CHAMOMILLA GENERALLY SEEM INTOLERABLE, AND NOT TO BE ENDURED. All these characteristics of Chamomilla show how similar diseased conditions may be removed homœopathically by it.—H.

lower jaw (thirty minutes after 10 drops),¹¹.—Heaviness in the lower alveoli, especially in the last back teeth, with dull digging sensation in the roots of the lower back teeth of both sides (third day),¹¹.—Great heaviness in the alveoli; they feel as if filled with lead (fifteen minutes after 5 drops),¹¹.—Great heaviness in the alveoli, with pressive pain, digging, and pressure in some of the back teeth, especially of the lower jaw (soon after 60 drops),¹¹.—**Sensation of fulness and heaviness in the alveoli of the first and second back teeth of both sides of the upper jaw, with a slight burrowing and boring in their roots, with a sensation as if the alveoli were distended and formed a hard, tense swelling* (second day after 5 drops),¹¹.—[420.] **A slight burrowing and sensation of heaviness in the alveoli of some of the back teeth; "this sensation seems intolerable, and makes him very peevish"* (third day after 5 drops),¹¹.—Pressure in the alveoli of the upper back teeth (thirty-five minutes after 20 drops),¹¹.—Pressure and heaviness in the alveoli of the upper and lower jaws, as if they were filled with lead, especially noticed in the lower jaw, where it seems to start from the anterior foramen (mental foramen), towards 6 P.M.,⁹.—Pressure and sensation as of something heavy in the alveoli of the upper jaw, especially on the right side; the teeth feel as though filled with lead,⁷.—Long-continued pressure and sensation of heaviness in the upper and lower alveoli,¹¹.—Continued slight pressure in the alveoli of the upper second and third back teeth of each side, extending up to beneath the eyes (fourth day),⁷.—Tensive pressing asunder and sensation of pressure in the upper alveoli, especially involving the second and third back teeth, continued the second day,⁷.—Pressive pain and a feeling as if distended by wind in the alveoli of the second and third back teeth on both sides of the upper jaw; this sensation was persistent, with frequent intermissions, and extended deep into the malar bone; it was especially noticed in the right side,⁷.—Some indications of the pressive pain in the alveoli of the upper second and third back teeth (first day),⁸.—Stitches in the alveoli of the upper and lower jaws (forty minutes after 40 drops),¹¹.—[430.] Throbbing and sensation of heat in the alveoli and gum of the upper back teeth, and afterwards also about the lower jaw; boring and digging in the roots of the teeth, only momentarily relieved by cold water, at 9 A.M. (third day after 5 drops),¹¹.—**Tongue.** Red tongue,².—*Furred tongue,²².—Yellow, furred tongue (16 to 20 grains),²¹.—*Tongue coated dirty-white,¹¹.—*Tongue coated yellow,¹⁸.—Tongue slimy-coated, without changed taste and without want of appetite (second day),¹⁷.—*Blisters on and beneath the tongue, with stinging pain*,¹.—*Tongue dry,¹⁷.—The tongue is dry, with thirst for water, loss of appetite, flushes of heat, sweat of the face, and palpitation, followed by unnatural hunger,¹.—[440.] Severe biting on the back of the tongue and on the roof of the palate (after one hour),¹.—**General Mouth.** Offensive odor from the mouth after dinner, like a foul breath (after three hours),¹.—Dryness of the mouth in the morning, followed by distension of the abdomen and imperfect evacuation,¹.—Dryness and bitter-tasting mucus in the mouth in the morning (after 5 drops),¹¹.—Toward noon, sensitive scraping-burning in back of mouth,¹⁷.—Spasmodic drawing pain in the palate, extending into the fauces,¹.—Severe tickling in the hard palate (nine hours after 60 drops),¹¹.—Pressure in the salivary glands, with increased secretion of saliva (second day after 60 drops),¹¹.—Pressure and dull stitches in the salivary glands, with pressure and increased secretion of saliva (sixth day after 60 drops),¹¹.—Stitches and pressive sensation in the salivary glands, especially a sensation of swelling in the tonsils (ninth day after 60 drops),¹¹.—**Saliva.**

[450.] Secretion of saliva increased,¹¹.—Increased secretion of saliva (eleventh day after 60 drops),¹¹.—Increased secretion of saliva, with a sensation of pressure in the salivary glands (second day after 20 drops),¹¹.—Increased secretion of saliva soon after supper, with a peculiar sweetish metallic taste,⁹.—Profuse secretion of tough saliva (ten minutes after 40 drops),¹¹.—**Collection of metallic sweetish saliva in the mouth* (second day),⁹.—Great accumulation of metallic-tasting saliva,¹⁰.—The saliva was especially copious half an hour after supper, and had a sweetish metallic taste,⁹.—**Salivation*,¹.—**Taste.** Slimy taste (after two and twelve hours),¹.—[460.] (At night, an offensive taste in the mouth),¹.—Sour taste (after three and eighteen hours),¹.—Bitter taste in the mouth (second day),⁹.—**Bitter taste in the mouth in the morning* (after twenty-four hours),¹.—Bitter aromatic taste,²².—Taste fatty, unpleasant, with irritation to vomit (soon),⁸.—An unpleasant fatty taste in the mouth, with increased secretion of saliva,¹¹.—Disgusting taste of the drug (8 to 14 grains),²¹.—**Everything tastes like old rancid fat* (after two hours),¹.—Bread tastes sour,¹.

Throat.—[470.] On hawking mucus from the throat, some drops of clear blood are expectorated (eleventh day after 60 drops),¹¹.—What he hawks up has an offensive taste,¹.—A simple pain in the back part of the throat, which is increased by moving the throat and swallowing,¹.—Sensation of oppression in the throat,¹¹.—Some stitches in the throat near the ear,¹.—Throat raw (eighth day),¹⁴.—Sore throat, as from a plug in it, on swallowing (after four hours),¹.—Sore throat, with swelling of the parotid,¹.—Throbbing in the back of the throat (after a quarter of an hour),¹.—**Tonsils and Uvula.** Some pain in the soft palate, a kind of burning, together with irritation to cough,¹³.—[480.] Tension in the soft palate, followed by slight spasmodic contraction in it,⁹.—Severe pressure and dull stitches in the soft palate (forty-five minutes after 40 drops),¹¹.—Tickling in the soft palate about noon (second day),¹⁴.†—Spasmodic contraction of the external pterygoid muscle (?), (second day after 5 drops),¹¹.—Spasmodic contraction of the left pterygoid muscles,¹¹.—The tonsils seem swollen, and there is some rawness in the larynx (third day after 60 drops),¹¹.—Sensation as if the tonsils were somewhat swollen, with difficult swallowing, in the morning (after 5 drops),¹¹.—Sensation of swelling of the tonsils, with a feeling of hardness and heaviness in them, with some difficulty in swallowing (soon after 60 drops),¹¹.—Stitches in the tonsils, with a feeling as if they were swollen, frequently with difficult swallowing (eighth day after 60 drops),¹¹.—Stitches in the right tonsil, with a sensation as if it were swollen, and as if swallowing was difficult (thirty-five minutes after 20 drops),¹¹.—[490.] Stitches and pressure in the tonsils, with sensation as if they were swollen (ten minutes after 40 drops),¹¹.—**Fauces and Pharynx.** In fauces, tough mucus causes repeated hawking,¹⁷.—Sensation in the fauces as if the tonsils were swollen, and as if the uvula were too long (second day),¹¹.—**Pain in the left side of the fauces while swallowing; the velum was somewhat reddened, and external pressure just under the angle of the jaw caused pain in the fauces*,¹⁴.—Pressive sensation in the fauces (third day after 60 drops),¹¹.—Tension and pressure in the pharynx, with sensation of pressure upon the uvula,¹⁰.—Constriction in the pharynx (eleven hours after 60 drops),¹¹.—Slight constriction of the pharynx, with

† The prover notes that four or five years ago he had pain in the soft palate as a consequence of taking cold from getting wet, from which he became quite hoarse, and suffered for at least two years afterwards with pain in the throat.

sensation of pressure on the hard palate,¹¹.—**Slight attacks of constriction of the pharynx* (first day),⁸.—**Spasmodic constriction of the pharynx*,¹⁰.—[500.] Sensation of constriction in the pharynx (afternoon of second day),⁷.—Sensation of constriction in the pharynx, with violent dull stitches in it, extending up to the base of the skull (soon after 60 drops),¹¹.—Slight sensation of constriction in the pharynx, in the morning and towards noon,⁷.—Sensation of pressure in the pharynx, which obliges him to swallow frequently, with sensation as if the tonsils were swollen,¹¹.—***Œsophagus and Swallowing.*** Sensation in the œsophagus as if a ball filled with air were raised into the throat by the contraction of the œsophagus, with great anxiety; this sensation returned three times in quick succession,¹¹.—Swallowing difficult, as if caused by swelling of the tonsils (fifteen minutes after 10 drops),¹¹.—At supper, the food seems to go down only as far as the pit of the throat, and there remain, with sensation of fulness, nausea, and eructations,¹.—***External Throat.*** Sensation of pressure and tension in the parotid, with increased secretion of saliva (soon after 60 drops),¹¹.—Constant pressure upon the parotid, and also upon the other salivary glands (forty minutes after 40 drops),¹¹.—Sticking and pressure in the right parotid (thirty minutes after 10 drops),¹¹.—[510.] Stitches in the parotids (eleventh day after 60 drops),¹¹.—Dull stitches in the parotids (second day after 20 drops),¹¹.—(Throbbing pain in the submaxillary gland), (after four hours),¹.

Stomach. — Appetite. Unnatural hunger in the evening (after three hours),¹.—(Desire for sourk rout),¹.—Appetite lessened (12 grains),²¹.—Appetite diminished,¹⁸.—Appetite diminished, with pressure and tension in the stomach, and some nausea, which was relieved by eating (second day after 5 drops),¹¹.—The appetite was diminished from large doses of Chamomilla, but after the third day after 60 drops it began to improve,¹¹.—Diminished appetite (tenth day),¹⁴.—[520.] Diminished appetite (16 to 20 grains),²¹.—Diminished appetite and eructations,²².—Loss of appetite,¹.—Loss of appetite, as though the food sickened him, although it has no unnatural taste,¹.—Loss of appetite, but after eating the appetite returns,¹.—No appetite,¹.—He has no appetite, and relishes nothing; the food will not go down,¹.—No longing for food; nothing tastes good,¹.—Disgust,²².—Disgust at food (22 and 24 grains),²¹.—[530.] When food is set before him, it makes him shudder, it is so repugnant,¹.—Espécial aversion to animal food (second day after 5 drops),¹¹.—(Aversion to broth),¹.—***Thirst.*** *Thirst*,^{17 22}.—Thirst increased (second day after 5 drops),¹¹.—Thirst decidedly increased during the day,⁷.—Thirst in the evening, and waking at night on account of pain,¹.—Thirst, with febrile heat and redness of the cheeks,¹.—Some thirst (third day),¹¹.—Much thirst (thirtieth day),¹⁴.—[540.] Excessive thirst,².—Unquenchable thirst, with dryness of the tongue (after five hours),¹.—Great longing for coffee (after seven hours),¹ †—Aversion to coffee,¹.—***Eructations and Hiccough.*** *Eructations*,^{12 22}.—Eructations of gas (ten minutes after 40 drops),¹¹.—**Eructations of gas smelling of bad eggs*,¹¹.—Eructations of an acrid, salty fluid (afternoon, second day),⁷.—Eructations as after radishes (fifty-five minutes after 5 drops),¹¹.—Eructations after breakfast,¹⁴.—[550.] *Eructations and passage of flatus* (soon),¹⁴.—Eructations and passages of flatus, with slight pain in the abdomen,¹⁴.—Eructations, with some desire to vomit (some time after 10 drops),¹⁴.—Severe eructations, accompanied by pain in the left side of

† This seems to be a reaction from S. 128.—H.

the abdomen, near the anterior superior spinous process of the ilium (after supper, eleventh day),¹⁴.—Empty eructations (after a quarter of an hour),¹.—Sour eructations,¹.—Regurgitation of food by eructations (after five hours),¹.—Hiccough,²².—Frequent hiccough (thirty minutes after 20 drops),¹¹.—Frequently a single hiccough (after one hour),¹.—**Heartburn.** [560.] Sensation of heartburn in the stomach,¹⁰.—**Nausea and Vomiting.** Qualmishness and faintlike nausea,¹.—The qualmishness (faintlike nausea) in the pit of the stomach disappears on eating,¹.—Nausea,¹⁸.—Nausea,²².—Nausea in the morning,¹.—Nausea after eating,¹.—Nausea after breakfast, lasting the whole morning,¹.—**Nausea after the morning coffee, with attacks of suffocation,*¹.—Nausea, with collection of saliva in the mouth,¹.—[570.] Slight nausea, with some tension in the stomach (forty-five minutes after 40 drops),¹¹.—Slight attack of nausea, with tensive pain in the stomach (soon),⁸.—Inclination to vomit,²².—Inclination to vomit, as if one would faint,¹.—Almost constant desire to vomit,¹².—Irritation to vomit at 8 A.M.,¹³.—Vomiting,⁴.—(Vomiting, without previous eructations),¹.—Vomiting of food, at first caused by fulness of the abdomen, but afterwards by intolerable nausea,¹.—**Sour vomiting* (sour smell from the mouth),¹.—[580.] Bilious vomiting (children, from flowers),¹⁹.—**Stomach.** Pain in the stomach (fourth and thirty-ninth days),¹⁴.—Some pain in the stomach,¹⁴.—Some pain in the pit of the stomach, on pressure (second morning after 5 drops),¹¹.—Transient pain in the stomach (soon after 5 drops),¹⁴.—Severe pain on the right side near the pit of the stomach (sixth day),¹⁴.—Sensation of warmth and fulness in the epigastrium (after 5 drops),¹¹.—Heat in the stomach and slight burning of it (forty-five minutes after 10 drops),¹¹.—Fulness while eating, with nausea after eating,¹.—Fulness, heaviness, and uncomfortable tension in the stomach, extending up into the pharynx, with a sensation of heartburn (third day after 5 drops),¹¹.—[590.] An unpleasant sensation of fulness in the stomach, with pressure and tension in it (third day after 5 drops),¹¹.—Repletion of the stomach after eating, lasting until the next day; nausea,¹.—Tension in the stomach (eleven hours after 60 drops),¹¹.—Tension in the stomach and œsophagus, with attacks of great nausea (soon after taking),⁸.—Tension and heaviness in the stomach, with slight attacks of nausea (third hour after 5 drops),¹¹.—Tension and pressure in the stomach, with nausea (second day),⁹.—Tension in the stomach and slight sensation of nausea,¹⁰.—Spasmodic tension in the stomach, and above the navel generally,⁹.—Spasmodic tension in the stomach and intestines about the navel,⁹.—Spasmodic tension in the stomach, with some nausea (soon after 60 drops),¹¹.—[600.] Spasmodic tension in the stomach, with sensation of slight nausea,¹¹.—Unpleasant sensation of tension in the stomach and umbilical region, lasting for several hours (fourth day),¹.—Spasmodic sensation of tension in the stomach, extending along the œsophagus to the throat, and accompanied by excessive apprehension and nausea, with inclination to vomit from the much-increased secretion of sweetish saliva,⁹.—Drawing and pressive pain in the stomach and sensation of heaviness in it, as if the stomach were distended by a hard body, which, however, soon disappeared (second day),⁷.—Oppression of stomach,²².—Oppression of stomach (16 to 20 grains),²¹.—Pain in stomach, pressure,¹⁸.—**Pressure in the stomach, as from a stone pressing down,*¹.—**Pressure in the stomach after eating a little* (five hours after 5 drops),¹¹.—Pressure and heaviness in the stomach after eating a little (second morning after 5 drops),¹¹.—[610.] Pressure and tension in the stomach,¹⁰.—Pressure and spasmodic constrict-

tion in the stomach, especially at the cardiac orifice (third day),⁷.—Frequent pressure at the cardiac orifice of the stomach, not seldom extended up the œsophagus (afternoon of second day),⁷.—**Pressive pain in the stomach and beneath the short ribs, which impedes the breath, especially after drinking coffee* (after one hour),¹.—Anxious cries about pain in the pit of the stomach, as if the heart were pressed down, with profuse sweat,¹.—Some stitches in the stomach (sixth day),¹⁴.—Violent sharp stitches in the pit of the stomach,¹¹.

Abdomen.—**Hypochondria.**—Incarceration of flatulence in the hypochondria (later action),¹.—Sensation in the region of the liver as if a hernia would appear, while walking a few minutes (sixth day),¹⁰.—Sensation in the anterior portion of the region of the liver as if a hernia would protrude (for the third time), relieved by pressure and rubbing, while sitting (fourth day after 5 drops),¹¹.—[620.] While walking, about noon, a sensation on the anterior margin of the liver as if a hernia would protrude, relieved by pressure and by rubbing (second day after 5 drops),¹¹.—Some pain in the right side, near the pit of the stomach (third day),¹⁴.—Continual tensive pain in the hypochondriac region, with tension around the brain (with a dry catarrh in the chest), (after one hour),¹.—Pressure in the hypochondria and in the stomach, after eating,¹.—Sticking in the left side, near the pit of the stomach (second day),¹⁴.—Stitches in the right hypochondrium, while walking, and again, for the fourth time, sensation in the right side of the abdomen as if a hernia would protrude, relieved by slowly walking about, and by rubbing the abdomen (fifth day after 60 drops),¹¹.—Stitches in the left hypochondrium while walking, relieved by pressure and by drawing the abdomen inward (three hours after 60 drops),¹¹.—Stitches in the right hypochondrium, especially while standing and walking (fourth day after 5 drops),¹¹.—Frequent stitches in the right hypochondrium during the day (twelfth day after 60 drops),¹¹.—**Umbilical and Flanks.** A kind of hysterical movement around navel (ether. oil),¹⁸.—[630.] Cutting above the navel, soon after dinner,¹³.—Pressive colic about the navel,¹.—**Gripping-tearing colic in the region of the navel and lower down on both sides, with pain in the small of the back, as if it were broken*,¹.—Gurgling in the side, extending into the abdomen,¹.—**General Abdomen.** Abdomen distended,¹¹.—Abdomen distended and hard, when going to sleep in the evening (third day),⁷.—Abdomen somewhat distended,⁹.—Abdomen somewhat distended and tense (after three hours),¹¹.—*Distension in the abdomen, after eating*,¹.—Painful distension of the region of the upper abdomen, in the morning,¹.—[640.] Hard, distended abdomen,¹.—Tympanitic abdomen (afternoon, second day),⁷.—Rumbling in the abdomen,¹².—Rumbling in the abdomen, and sensation as if diarrhœa would ensue,¹¹.—Rumbling in the abdomen, with cutting colic, as if diarrhœa would ensue, relieved by pressure and rubbing,¹¹.—Rumbling in the abdomen, with some pain and sensation as if diarrhœa would occur, relieved by passing flatus which has the odor of sulphuretted hydrogen (after three hours),¹¹.—After the abdominal pains had lasted for an hour, rumbling and noise of wind in bowels, with pains and urgent desire for stool, which consisted of dissolved fœces with rushing wind, accompanied by pains in bowels so severe that they caused faintness and a sweat over the body, especially on face; pains in bowels gradually disappeared (second day),¹⁷.—Severe rumbling and rolling in the distended abdomen, especially below the navel (second day after 5 drops),¹¹.—Flatulence,²².—Passage of flatus up and down,¹⁸.—[650.] Discharge of wind upwards and downwards (16

to 20 grains),²¹.—Rubbing abdomen in a circle with flat hand causes discharge of flatus, and some relief (second day),¹⁷.—Morning, on rising, a faint feeling in upper part of abdomen, which causes a kind of anxiety and restlessness (second day),¹⁷.—Sensation as if the whole abdomen were hollow, together with constant motion in the intestines (with blue rings around the eyes); when the attack occurs in the evening it is associated for a short time with anxiety (after twenty-four hours),¹.—Troubles in the abdomen, as in constipation (after four hours),¹.—Pain in the abdomen, as when constipation causes a delayed passage of the stool,¹†.—Pain in the abdomen, as if diarrhœa would ensue, relieved by passing flatus (third day after 60 drops),¹¹.—Pain in the abdomen, and afterwards transient, but not severe stitches transversely across the abdomen (soon),¹⁴.—Morning, before rising, gradually increasing pain in bowels causes him to twist and turn; doubling-up relieved a short time (second day),¹⁷.—A sensation of severe tension, chiefly above the navel, with slight transient nausea (third day),⁷.—[660.] Compressive pain in the abdomen (immediately),¹.—Pinching in abdomen,²².—Gripings in the abdomen (soon),¹⁴.—Gripping in the abdomen (thirtieth day),¹⁴.—Gripping and rumbling in the abdomen, soon after drinking a glass of cold water (thirty-seventh day),¹⁴.—Gripping and sticking in the abdomen, nearly the whole day (fourth day),¹⁴.—Transient moderate gripings in the abdomen, with much flatus, and many almost sour eructations after eating,¹⁴.—Severe attacks of violent gripping in the abdomen; this pain always continues for a minute (after twelve hours),¹.—Drawing pain in the abdomen,¹.—Sticking in the abdomen and in the anus (sixth day),¹⁴.—[670.] Sticking in the left side of the abdomen, while walking, with a sensation as if a hernia would protrude (the fifth appearance of this symptom), (tenth day after 60 drops),¹¹.—Punctiform sticking in the abdomen near the ilium on the left side, seldom on the right side, when walking, especially after eating, relieved or removed by pressure with the hand, or by bending far forward, while walking,¹⁴.—Stitches in the abdomen (twelfth day),¹⁴.—Stitches in the abdomen, with desire for stool and passage of flatus,¹⁴.—Stitches in the abdomen, with urging to stool, soon followed by stool, after dinner (sixth day),¹⁴.—Stitches in the right side of the abdomen near the limb, after violent running (twelfth day),¹⁴.—Transient stitches, especially in the liver, while walking or taking a deep breath,¹¹.—Punctiform stitches on the right side of the abdomen,¹⁴.—Cutting in the abdomen, extending deep down into the pelvis, on waking (third day),⁷.—Cutting, at times in the abdomen, extending downward to the bladder, and relieved by passage of flatus and by slight rubbing (afternoon, second day),⁷.—[680.] During the day, here and there tearing pains, and slight pains in bowels (second day),¹⁷.—* *Colic returns from time to time; flatulence accumulates in the hypochondria, and stitches shoot through the chest* (after eight hours),¹.—Extraordinary colic, on account of which she did not know where to rest,¹.—Intolerable colic, in the morning at sunrise,¹.—* *Cutting colic and drawing in the thighs before the menses*,¹.—Colic, rather cutting than gripping,¹.—* *Colic, rather cutting than sticking, with accumulation of saliva in the mouth*,¹.—Constant tearing colic in the side of the abdomen, as if the parts were rolled up into a ball,¹.—Flatulent colic (after one and several hours),¹.—Flatulent colic; flatulence moves here and there with great force, as if it would push through the abdominal muscles, with loud rumbling and gurgling;

† All the symptoms of constipation are secondary, that is, a reaction of the organism from the effects of Chamomilla; its primary action is to cause diarrhœa.—H.

it especially pushes towards the abdominal rings; when the colic subsides, only a very little flatulence, nor can any trace of it be discovered in the abdomen (after three hours),¹.—**Hypogastrium and Iliac Region.** [690.] Pain above the pubis, after dinner,¹⁴.—Pains like labor pains, lasting several days (ether. oil),¹⁸.—Some pain in the right and left side of the abdomen, near the anterior-superior spinous process, after breakfast (soon),¹⁴.—Violent transient stitches above the pubes (eighth day),¹⁴.—Cutting deep in the pelvis, relieved by passing odorless flatus (second day after 5 drops),¹¹.—Spasmodic cutting in the lowest portion of the abdomen, the next morning (after 5 drops),¹¹.—Bruised pain in the muscles of the lower abdomen (after nine hours),¹.—A dragging towards the abdominal ring, as if the part were too weak to withstand it, and as if a hernia would appear (after three hours),¹.—Stitches in the right inguinal region, with sensation as if something would protrude (twenty minutes after 20 drops),¹¹.—Pain along the crest of the ilium (tenth day),¹⁴.

Rectum and Anus.—[700.] Bleeding hæmorrhoids,¹.—**Blind hæmorrhoids*,¹.—**Sensation as if blind hæmorrhoids would form*,¹.—Sticking pain in the rectum after every stool,¹.—**Itching pain in the anus* (after half an hour),¹.—Urging to stool, on rising in the morning,¹².—Desire for stool, after eating,¹⁴.

Stool.—**Diarrhæa.** **Diarrhæa*,³.—**Diarrhæa* (thirty-ninth day),¹⁴.—**Nightly diarrhæa, with colic so that she was obliged to bend double*,¹.—[710.] Painful diarrhæa, with nausea, in the night (twenty-ninth day),¹⁴.—**White slimy diarrhæa, with colic* (after one and three hours),¹.—Watery diarrhæa, with (and without) colic,¹.—**Painless, green, watery diarrhæa, consisting of fæces and mucus together*,¹.—Afternoon, a diarrhæic stool, with some pains in abdomen and passage of wind (second day),¹⁷.—**Stool hot (like diarrhæa) smelling like rotten eggs*,¹.—Easy stool (third hour after 5 drops),¹¹.—Easy stool, at noon (third day after 60 drops),¹¹.—Stool, since taking, had been regular every day and easy, but after the effect of the drug passed off it occurred only every second day, and was again hard as before the proving,¹.—Hard dry stool in the afternoon (second day after 60 drops),¹¹.—[720.] (Undigested stool),¹.—Discharge of light-yellow fæces, with sharp griping colic (after twelve and twenty-four hours),¹.—Fæces coated with mucus and with mucus between the fæces,¹.—Diminished stool,¹⁸.—**Constipation.** Constipation,¹.—Constipation (third and fourth days),¹⁷.—Constipation from inactivity of the rectum, so that the fæces could only be evacuated by pressure of the abdominal muscles (after one and four hours),¹.

Urinary Organs.—Sensation of weakness in the region of the kidneys (second day),¹⁰.—**Dragging towards the ureters like labor-pains, with very frequent urging to urinate*,¹.—Sticking pain in the neck of the bladder, when not urinating,¹.—[730.] **Burning in the neck of the bladder, when urinating*,¹.—Biting pain in the urethra, when urinating,¹.—**Micturition.** Increased secretion of urine,¹¹.—Increased secretion of urine and saliva, throughout the day,⁹.—Secretion of clear, not very acid urine, somewhat increased (first day),⁶.—More than usually copious secretion of urine (second day after 5 drops),¹¹.—The force of the bladder is weakened; the urine passes in a weak stream (after twenty hours),¹.—Involuntary passage of urine (after three and four hours),¹.—(Urination is prevented on account of pain in the abdomen),¹.

Sexual Organs.—**Male.** Erections, in the morning in bed,¹.—[740.] Violent erections (soon after taking),¹¹.—Violent erections, soon

after taking, but they disappear in thirty-five minutes, with a general flush of heat over the whole body, followed by slight sweat, with which all the former symptoms were relieved, and only a slight nausea remained,¹¹.—Violent erections (twenty minutes after 20 drops; forty-five minutes after 5 drops; fourth day after 5 drops),¹¹.—Frequent violent erections, during the whole afternoon (fourth hour after 20 drops),¹¹.—Dark blood from genitals,¹⁹.—Itching-sticking pain on the margin of the prepuce (after three hours),¹.—Soreness on the margin of the prepuce,¹.—Severe stitches in the “bulbo-cavernous” muscles (twenty minutes after 20 drops),¹¹.—Sexual desire (later action),¹.—Nightly emissions,¹.—[750.] Emission during the night (since taking Chamomilla the prover noticed that emissions had been much diminished, although frequent continued erections had taken place), (third day after 60 drops),¹¹.—**Female.** *Drawing from the sacral region forward, gripping and pinching in the uterus, followed by discharge of large clots of blood,¹.—Metrorrhagia,¹.—Metrorrhagia, even in old people,¹.—*Profuse discharge of clotted blood, with severe pains like labor-pains in the uterus, with tearing pains in the veins of the lower leg,¹.—*Acrid, biting, watery discharge from the vagina, after dinner,¹.—*Yellow, biting leucorrhœa,¹.—Smarting-burning in the vagina,¹.—Suppression of the menses, with swelling of the pit of the stomach, and a pain as if the heart would be pressed down, with swollen abdomen, labor-like pains, and anasarca,¹.

Respiratory Organs.—Larynx, Trachea, and Bronchi.

Some accumulation of mucus in the air-passages, with rattling respiration; on hawking, a few drops of blood are raised (third day),¹¹.—[760.] *Sensation of slight pressure on the air-passages, with some irritation to cough (forty-five minutes after 5 drops),¹¹.—*Sensation of rawness in the upper part of the air-passages,¹¹.—Tickling in the air-passages, frequent irritation to a hacking cough (afternoon of second day),¹.—Sensation of oppression and slight constriction in the region of the larynx (after five minutes),⁶.—Feeling as though some fluid would rise up out of the larynx (forty-five minutes after 5 drops),¹¹.—Irritation to cough in the larynx, with accumulation of mucus which rises from the air-passages into the larynx; this mucus has a sweetish taste, and is involuntarily swallowed before he can expectorate it (second day after 5 drops),¹¹.—*Almost uninterrupted irritation to cough beneath the upper part of the sternum, without, however, any cough,¹.—Burning in the larynx,¹.—*Sensation of rawness and scraping in the larynx (four hours after 20 drops),¹¹.—Scraping in the larynx, with sensation as if the tonsils were swollen, and as if the uvula was too long (these sensations are, however, very transient); together with somewhat increased secretion of saliva (third day after 5 drops),¹¹.—[770.] Tickling in the larynx, with a hacking cough and expectoration of a few drops of clear blood (third morning after 5 drops),¹¹.—**Voice.** Voice always rough,¹¹.—Voice raw and hoarse,¹⁷.—Hoarseness on account of tough mucus in the larynx, which is only detached by very violent hawking (after three hours),¹.—Hoarseness and cough on account of rattling mucus in the upper part of the trachea; the place from which the mucus was detached feels sore (after two hours),¹.—**Catarrhal hoarseness of the trachea, with dryness of the eyelids, from one to eight hours,**¹.—**Cough and Expectoration.** *Cough, caused by irritation low down in the air-passages, during the night,¹³.—*Paroxysms of coughing about midnight, with which something seems to rise into the throat, as if she would suffocate,¹.—(The child becomes angry, and then coughs),¹.—Dry cough, four or five times a day,¹.—[780.] Dry cough, on account of itching irritation and continual tickling in that portion of the trachea behind the pit of

the throat (after four hours),¹.—**Severe dry cough, during sleep* (after eleven hours),¹.—Frequent expectoration of clear blood, preceded by tickling in the larynx and air-passages (third day after 5 drops),¹¹.—**Respiration.** Short, panting breath,².—Rapid, deep breathing, with great heaving of the chest,².—Snoring inspirations during sleep,¹.—Snoring inspirations in sleep, which are shorter than the expirations, with open mouth, and hot clammy sweat on the forehead (after three hours),¹.—**Whistling, wheezing, and rattling in the trachea, when breathing*,¹.—Respiration before taking 16, afterwards ranged 16, 17, 15, 14, 16,¹⁰.—Respiration, before taking the drug on the second morning, 13; after taking two drops of the tincture it rose to 19, then 15, 16, 14,¹¹.—[790.] Respiration before taking, 14; after five minutes to forty minutes, 15; after forty-five to sixty minutes, 14 (after the 6th),⁷.—Respiration before taking, 14, twenty minutes after, 13, where it continued for an hour (second experiment),⁷.—Respiration before taking the drug, 12, in bed; after taking the drug, 15, then 16, within an hour; after an hour, 15; after two hours, 16; after six hours, 15; after eight hours, 16; at 8 P.M., 18,¹¹.—Respiration 12, second morning in bed (before taking Cham. 3d, 1 grain), afterwards ranged 12, 15, 14, 13,⁸.—Respiration 12 to 13; after two hours, 17; after four hours, 16; after eight hours, 15 (from the 2d),⁹.—Respiration in the morning 14, afterwards 17 to 18 (second day),¹⁰.—Respiration in the morning, 13; at 9 A.M., 19; 11 A.M., 14; 7 P.M., 16 (third day),¹⁰.—Short breath, with palpitation and small hard pulse, 108, after a short rapid walk; respiration 34 (second day after 5 drops),¹¹.—In the afternoon, while walking rapidly up a steep path, loss of breath, palpitation, and stitches in right side of chest, soon followed by expectoration of a few drops of clear red blood; this old oppression of the chest and dyspnoea has been again noticed on rapid walking (seventh day after 60 drops),¹¹.—*Dyspnoea, as from suffocative catarrh (the larynx feels constricted) in the region of the pit of the throat, a constant irritation to cough* (after a quarter of an hour),¹.

Chest.—[800.] A hard node beneath the nipple, painful to touch, with at times drawing-tearing pain,¹.—Scirrhus hardness of the mammary glands,¹.—Rush of blood to the chest (fourth day after 5 drops),¹¹.—Burning in the chest, with dulness in the head, as if he did not know where he was, with anxiety,¹.—Tensive pain across the chest, when breathing,¹.—Contraction of the chest,¹.—**Constriction in the upper part of the chest, which hurts on coughing* (after four hours),¹.—Constriction of the chest on a level with the nipples,¹¹.—A pinching pain transversely across the upper part of the chest (in the evening), (after five hours),¹.—Oppression of the chest,¹.—[810.] Oppression of the chest (third morning after 5 drops, second day after 60 drops, and twenty minutes after 5 drops),¹¹.—Oppression of the chest, with dull stitches (fourth day),¹.—Oppression of the chest; great dryness of the nose and stoppage of it (five minutes after 10 drops),¹¹.—Oppression of the chest, as from flatulence which has accumulated in the upper abdomen, with pressive pain, together with pain in the stomach, as in the beginning of heartburn, followed by burning in the spine,¹.—Some oppression of the chest (fourth day after 5 drops),¹¹.—Great oppression of the chest while sitting, some pain while walking, at 11 A.M. (third day after 5 drops),¹¹.—Sensation of oppression of the chest (third day),¹.—Sensation of oppression of the chest (soon after 60 drops),¹¹.—Stitches in the chest like needle stitches,¹.—*Stitches* (somewhat dull) *shoot from the abdomen into the middle of the chest, as from flatulence* (after two and four hours),¹.—[820.] Stitches streaming from the abdomen into the

chest, before midnight, with constant thirst, without heat,¹.—Stitches from the abdomen into the chest after every starting as in a fright, when waking or sleeping,¹.—Stitches directly through the chest, on every respiration,¹.—Stitches from the middle of the chest towards the right side, after every expiration (after one hour and a half),¹.—*Single severe stitches in the chest at times* (after two and four hours),¹.—Tearing pain in the region of the clavicle and throat (after two hours),¹.—The chest is sore internally, as if bruised (after twenty-four hours),¹.—(Freedom from the usual chest-troubles, with dryness of the mouth, which usually appeared during the forenoon, especially during great heat), (first day),⁶ †—The pains in the chest and oppression, which usually appeared with great heat towards 10 or 11 A.M., remained absent this morning, and only appeared very slightly towards 3 or 4 P.M.,⁶.—**Front.** Burning pain from beneath the sternum to the mouth,¹.—[830.] Pressive pain beneath the sternum, which impedes breathing (after ten hours),¹.—A pressive pain beneath the sternum, which does not impede the breathing, and which is neither increased by breathing nor by touch (after twelve hours),¹.—Stitches to the left of the middle of the sternum (sixth day),¹⁴.—Transient stitches near the right side of the ensiform process of the sternum,¹⁴.—Punctiform stitches beneath the ensiform cartilage, somewhat to the left side,¹⁴ †—**Sides.** Some pain under the left clavicle, after sitting a long time,¹⁴.—Violent pain on the right side of the thorax, after stooping a long time, soon followed by pain in the left side, and from thence somewhat farther backward (seventh day),¹⁴.—Drawing pain or sensation as if the right side of the chest were repeatedly drawn inward (after twelve and sixteen hours),¹.—Pressure in the upper part of the right nipple (twenty minutes after 40 drops),¹¹.—Stitches in the side of the chest beneath the ribs and shoulder-blades, when breathing (after four hours),¹.—[840.] Stitches in the right half of the chest (third day after 5 drops),¹¹.—Stitches in the right half of the chest (fifteen minutes after 10 drops),¹¹.—Stitches on the right side near the sternum (third day),¹⁴.—Stitches in the right half of the chest about the right nipple,¹⁰.—Stitches in the right side of the chest in the region of the nipple (second day after 5 drops),¹¹.—Stitches in the inner portion of the right side of the thorax (twenty-first day),¹⁴.—Stitches in the right nipple (third day),¹⁴.—Evenings, transient stitches in region of fifth rib, in front on right side, increased by deep respiration,¹⁸.—Slight stitches in the right half of the chest (tenth day after 60 drops),¹¹.—Severe stitches in the right side of the chest, about 11 A.M. (second day),⁹.—[850.] Severe stitches in the right breast about the nipple (two hours after 5 drops),¹¹.—Severe stitches in the right side of the chest (second day after 5 drops),¹¹.—Evening, flying stitches in right side of chest near fifth rib, anteriorly, lasting a short time, and increased by deep inspiration (8 to 14 grains, soon after),²¹.—Dull stitches in the right half of the chest, during the forenoon; they disappear toward noon,⁷.—Punctiform stitches in the right side of the chest near the sternum (fourth day),¹⁴.—Stitches in the lower portion of the left side of the thorax (nineteenth day),¹⁴.—Stitches on the left anterior lower portion of the chest (third day),¹⁴.—Stitches in small streaks along the ribs in the left side, above the nipple and around it, then on the left side above the heart, also in the anterior half of the seventh and eighth ribs (third day after 60 drops),¹¹.—Stitches in the cartilage of the right sixth and seventh ribs,¹⁰.—Stitches in the car-

† Curative effect.—ED.

‡ Formerly experienced, but never so marked or so continuous.

tilage of the left sixth rib,¹⁰.—[860.] Stitches below the left nipple (sixteenth day),¹¹.—Severe stitches in a place as large as half a dollar, above the left nipple, lasting half an hour (after nine hours),¹¹.—Jerking in the left pectoralis major muscle (third day),¹⁴.

Heart and Pulse.—Præcordium. Rush of blood to the heart (immediately),¹.—Qualmishness about the heart,¹.—A feeling in the heart as if it hurt, which seems to be pressed down,¹.—Something presses the heart down (cardialgia),¹.—Stitches in the upper part of the heart,¹¹.—Stitches in the upper part of the right ventricle of the heart (fifteen minutes after 40 drops),¹¹.—Sudden stitches at the heart, arresting breathing, during motion,².—[870.] Slight stitches in region of heart,¹⁸.—Slight stitches in cardiac region (12 grains),²¹.—Frequent, deepseated, internal stitches above the heart, during the day, but especially severe and frequent in the morning,⁹.—**Heart's Action.** *Palpitation*,^{18 22}.—Palpitation of the heart (tenth day),¹⁴.—Slight palpitation of heart (8 to 14 grains, soon after),²¹.—**Pulse.** Rapid pulse,^{18 22}.—Increased rapidity of pulse (16 to 20 grains, 22 and 24 grains),²¹.—Pulse, previous to taking the drug, 72, small, and easily compressed; after taking, 80, irregular, and small; 80, 76, 80 (somewhat fuller), 84, 88, 88, during the hour after 60 drops,¹¹.—Pulse, previous to taking the drug, 83, full, and strong, not quite regular; during the hour after 40 drops, 88, 80, 80, 77, 82, 78, 75, 76, 72, 70, 72, 70 (after 40 drops),¹¹.—[880.] Pulse, previously full and hard, 80, became smaller and soft; during the hour ranged 82, 82, 80, 78, 72, 96 (immediately after taking),¹⁰.—Pulse, previously 80, full, and soft; after taking ten drops of the tincture, 80 (somewhat harder), 82, 88, 82, 86, 83, 80, 84, 92, 82 (and very irregular), 82, 78; taken every five minutes during the hour,¹¹.—Pulse, before taking the drug, 64, soft, full (in bed); after taking the drug (taken six times during the hour), pulse 70, 68, 68, 68, 64, 68; after one hour, pulse 98, small, and soft; after three hours, 88, full, and soft; after six hours, 82, full, and soft; after eight hours, 80; at 8 P.M., after fourteen hours, 76, full, and soft,¹¹.—Before taking the drug in the morning, while fasting, the pulse, while lying in bed, was 71, soft, and somewhat irregular; five minutes after taking the drug, the pulse was 74; after ten minutes, 72; after fifteen minutes, 71; after twenty minutes, 69; after twenty-five minutes, 68,⁶.—Pulse, before taking, 69, soft, and full; after five minutes, 74; after ten minutes, 74; after fifteen minutes, 70; after twenty minutes, 71; after twenty-five minutes, 70; after thirty minutes, 69; after thirty-five minutes, 67; after forty minutes, 68; after forty-five minutes, 70; after fifty minutes, 68; after fifty-five minutes, 69; after sixty minutes, 70 (from the 6th),⁷.—Pulse 60, full, and soft, before taking the drug the second morning; after taking 2 drops of the tincture, pulse rose in ten minutes to 64, and was smaller; after this it did not change for fifty minutes,¹¹.—Pulse, before taking, 64; after taking 4 drops of the tincture, the pulse did not rise as in former provings, but after half an hour fell to 60,¹¹.—Pulse, before taking, 69; after five minutes, 72, then 75, after which, every five minutes, it ranged as follows: 67, 65, 64, 66, 68, 68, 65, 65, 66, 65, 68 (second experiment),⁷.—Before taking it, while lying in bed, pulse 60, respiration 13; pulse taken every five minutes as follows: 60, 61, 64, 61, 61, 61, 64; three hours after rising, pulse 88, respiration 15 (soon after taking), (from the 3d),⁵.—Pulse, before taking, 60; afterwards ranged, within an hour, 68, 72, 64, 60, 64; became smaller and softer (after second dose of Cham. 2d),⁹.—[890.] Pulse showed no change for one hour after taking, 60; during the next thirty or forty minutes rose soon to 64; at 8 A.M., two hours after

taking, 100, smaller, and harder; at 10 A.M., 96; at 2 and 8 P.M., 78 (after taking the 2d),⁹.—Pulse, after five minutes, small, scarcely perceptible; after ten minutes, somewhat fuller; in twenty-five minutes, irregular, and rapid (88); in forty minutes, again small, and scarcely perceptible; in forty-five minutes, again irregular, and rapid (after 5 drops),¹¹.—Pulse at one time very strong, at another small and weak, and also irregular as to frequency, after one hour; after two hours, 88, full, and soft; after four hours, 90, small, and easily compressed; after six hours, 82 (after 60 drops),¹¹.—Pulse, in the morning in bed, at 6 A.M., 64, full; at 7 A.M., 90, tense; at 8 A.M., 80; at 10 A.M., 92, scarcely perceptible; at 11 A.M., 96; at 3 P.M., 92; at 5 P.M., 78, soft, and small; at 7 P.M., 88 (second day after 5 drops),¹¹.—Pulse, at 6 A.M. in bed, 60; at 7 A.M., 82; at 9 A.M., 88; at 10 A.M., 92; at 11 A.M., 92; at 1 P.M., 76; at 2 P.M., 76; at 7 P.M., 70; at 10 P.M., on lying down in bed, 68; the pulse was very soft until 10 A.M., afterwards somewhat full; and in the evening rather hard (fourth day), when all the drug symptoms had disappeared.⁸.—Pulse 57, soft, and weak, second morning in bed; after taking Cham. 3d, 1 grain, pulse ranged 60, 61, 64, 60,⁸.—Pulse hard, and full, on waking, 64; at 9 A.M., 80; at ten, 92; at eleven, 86; at twelve, noon, 88 (second day),¹⁰.—Pulse 68, small, and easily compressible, in the morning (eleventh day after 60 drops),¹¹.—Pulse, in the morning, 65, soft; at 9 A.M., 100, small, and soft; at 11 A.M., 80, small, and weak; at 7 P.M., 72, small, and soft (third day),¹⁰.—At 5 A.M., pulse 60, full, soft; at 7 A.M., 88, small, tense; at 9 A.M., 98, small, and very soft; at 1 P.M., 80, rather stronger; at 3 P.M., 88, small, and hardish; at 5 P.M., 84 (second day after 5 drops),¹¹.—[900.] Pulse, at 6 A.M., 60, full, and strong; at 7 A.M., 72; at 9 A.M., 80; at 12 M., 74; at 4 P.M., 80; at 9 P.M., 72,⁸.—After two hours, pulse 66, respiration 14 (second experiment),⁷.—Pulse 65 (fourth day),⁷.

Neck and Back.—**Neck.** Pain, especially in the neck, throat, and occiput, when standing a long time and keeping the body in one position, similar to that observed from smaller doses, though not so severe,¹³.—Pain in the left side of the neck just behind the ear (fifth day),¹⁴.—(Tensive stiffness of the cervical muscles),¹.—Rheumatic pain in the muscles of the neck,⁷.—**Back.** Pain in the back at 11 P.M.,¹³.—Pain in the back, in the afternoon,¹⁴.—Some pain in the back, on sitting a long time,¹⁴.—[910.] Moderate pain in the back (sixth day),¹⁴.—Fulness, anxiety, and tearing pain in the back, after eating, which afterwards extends to the abdomen,¹.—*Drawing pain in the back*, lasting one hour (after one hour),¹.—*Drawing-tearing pain in the back*,¹.—Pressing pain in the back, on waking in the morning (second day),⁶.—Sticking in the back, towards evening,¹³.—Fine sticking pains in the back,¹.—Stitches in the back (twentieth day),¹⁴.†—Stitches in the back, on inspiration (sixth day),¹⁴.—Some stitches in the back,¹³.—[920.] Some stitches in the back, in the forenoon,¹³.—Some stitches on the left side of the back,¹⁴.—Tearing in the back,¹.—Bruised pain in back, especially on stooping (second day),¹⁰.—Contractive sensation in the spine,¹.—**Dorsal.** Pain in the right scapula, while stooping (sixth day),¹⁴.—Drawing pain in the scapulae, chest, and hands, as from taking cold (after fifteen and sixteen hours),¹.—Stitches in the region of the right scapula (soon),¹⁴.—Stitches in the right scapula,¹⁴.—Stitches between the right scapula and spine (fourteenth day),¹⁴.—[930.] Transient stitches in the right scapula (third

† These pains he had formerly, but not so severe nor so numerous, and not in so many places in the body at the same time at such short intervals.

day),¹⁴.—Jerking stitches in the region of the right scapula, in the evening (second day),¹⁴.—Bruised sensation in the rhomboid muscles of the scapulæ,¹⁰.—Pain in the right acromion (fifty-second day),¹⁴.—Bruised sensation between the scapulæ, especially on stooping, with the same sensation in the intercostal muscles,¹⁰.—Stitches in the right cucullaris muscle and in the right shoulder-blade (third day after 60 drops),¹¹.—**Lumbar.** Sensation as if the lumbar region would be broken, with dragging and drawing pains extending from the region of the liver over the abdomen and deep into the pelvis, when lying down in bed (sixth day),¹⁰.—Stitches in the right lumbar region (twenty-eighth day),¹⁴.—Severe transient stitches in the right side of the lumbar region (twenty-ninth day),¹⁴.—Unendurable pain in the loins and hip-joint at night, if he lies upon the opposite side,¹.—[940.] Stiff pain in the loins, after sitting (after sixteen hours),¹.—**Bruised sensation in the muscles of the loins and back* (second day),⁹.—Pain in the small of the back, immediately after every stooping, with a bruised sensation, and dull transient stitches in it,⁹.—**The small of the back feels bruised*,¹.—Bruised sensation in the small of the back, with drawing along the nerves, extending into the pelvis and parietes of the abdomen, on lying down to sleep (seventh day after 60 drops),¹¹.—Bruised pain in the small of the back, after stooping and frequently at other times (twelfth day after 60 drops),¹¹.—**Sacral.** **Pains in the sacral region, especially at night*,¹.—Transient slight stitches in the sacral region (tenth day),¹⁴.—Bruised sensation in the sacral region, with drawing and pressure, extending into the walls of the abdomen (eighth day after 60 drops),¹¹.—Very severe bruised pain in the sacral region, extending, with severe drawing, over the whole pelvis and over the walls of the abdomen (twelfth day after 60 drops),¹¹.

Extremities in General.—Objective. [950.] Convulsive, single jerkings of the limbs, when just falling asleep,¹.—*Cracking of the joints, especially of the lower limbs, with pain in them as if bruised*, with, however, no corresponding weariness (after eight hours),¹.—The hands and feet became easily stiffened in the cold, as if they would be frozen (after five hours),¹.—**Subjective.** Weariness and weakness in the limbs,¹⁴.—Great weariness of the limbs,¹⁰.—Slight sensation of weariness in the limbs, especially in the knees (walking relieved all the symptoms), (fifth hour after 5 drops),¹¹.—Sudden sensation of exhaustion in the limbs (after five minutes),⁶.—The characteristic sensation of exhaustion and loss of power in the limbs reappeared again, though not so marked as after taking the drug, and was to-day noticed only in the morning (third day),⁸.—Heaviness of all the limbs,¹.—Heaviness in all the limbs (thirty minutes after 5 drops),¹¹.—[960.] Forenoons, painful heaviness in all the limbs, with twisting-tearing pains in right upper arm, left leg, and back in temporal muscles, finally seated in the teeth on left side,¹⁷.—Heaviness of the limbs, with yawning and sleepiness the whole day,¹.—Heaviness of the limbs and general sensation of weakness, on waking (second day),⁷.—Painful heaviness and tired feeling in the limbs repeated, especially lower extremities so tired and heavy that he desired to sit rather than walk,¹⁷.—The limbs go to sleep, while sitting (thirty minutes after 10 drops),¹¹.—**Pain in the periosteum of the limbs, with paralytic weakness*,¹.—Pain in left forearm and right lower leg (seventeenth day),¹⁴.—Slight pains in the knees and elbows (nineteenth day after 60 drops),¹¹.—Paralytic-like pains in the volar surface of the metatarsus, or in the dorsal surface of the metacarpus, or the lower half of the bones of the forearm and lower leg, especially on their dorsal surface (second day after 60 drops),¹¹.—Simple pains in all the joints on motion, as if

they were stiff and would break (after six hours),¹.—[970.] Drawing pain, now in the fibula, now in the ulna, always extending from the joint above into the bone, and repeated after indefinite intervals,¹¹.—Drawing in the joints, jumping from one to another, in the morning (after 5 drops),¹¹.—Drawing and digging in the articular extremities of the long bones (three hours after 5 drops),¹¹.—In forenoon, some drawing pains in shoulders and ankles, with an unusual weak and heavy feeling in limbs, but especially painful, weak sensation, and restlessness in arms, as from great exertion; worse in rest; relieved and disappearing on motion and going in open air,¹⁷.—Severe drawing and tearing in the limbs, especially along the right forearm into the wrist, together with a sensation in the forearm as from a strong pressure upon the nerves (eighth day after 60 drops),¹¹.—Very slight, transient, paralytic drawing pains in various joints, in the elbows, wrists, knees, and extending thence along the bones, soon followed by sensation of most extreme exhaustion,¹¹.—The drawing pains and dull stitches about the joints seem intolerable, and make him peevish (third day after 5 drops),¹¹.—Sticking or drawing pains in right, then left, lower leg, extending into ankles and dorsa of feet, then again in right shoulder, on hips, or left half of head,¹⁸.—Transient stitches in the joints, especially in the right knee-joint,¹¹.—Frequent stitches in the joints, extending into the bones (twelfth day after 60 drops),¹¹.—[980.] Tearing in the limbs, arms and legs especially, now in the lower, now in the upper half of the fibula, then along the tibia, also now in the metacarpal, now in the metatarsal bones, and especially along the outer side of the radius; then pain in the knees and elbows, along the flexor surface, especially noticed on stretching the joints; these pains seem to be seated in the tendons and in the bellies of the flexor muscles (third day after 60 drops),¹¹.—Tearing pain in the limbs, which can only be relieved by constant tossing about in bed,¹.—Bruised sensation, even in the bones, with dull stitches in the ulna and tibia, which seem to start from the joints (second day),⁹.—Bruised sensation in the joints, especially in the right wrist, at 7 P.M. (second day after 5 drops),¹¹.—Bruised pains in the limbs, with stitches along the bones and in the joints, especially in the knees (fifth day after 60 drops),¹¹.—**All the joints are sore, as if bruised and tired out; there is no power in the hands and feet, though without corresponding weariness*,¹.—Single, seldom, drawing-tearing jerks in the long bones of the limbs, or in the tendons,¹.

Superior Extremities.—Very severe paralytic-like pain in the muscles of the upper and forearm, especially in the flexors; also paralytic-like pains, extending along the nerves of the whole arm into the hand, alternately in both arms, at one time in the median, at another time in either the ulnar or radial nerve (ninth day after 60 drops),¹¹.—Uninterrupted, fine, sensitive pressure in the articular ligaments and periosteum of the arm from the shoulders to the fingers, which is like a drawing or tearing (nearly as severe during rest as during motion), from midnight on; this became worse later in the night, especially when lying on the back; best when lying upon the painful arm (after eight hours),¹.—Paralytic-like pressive sensation along the nerves of the arm, extending to the tips of the fingers (twelfth day after 60 drops),¹¹.—[990.] The pressive and tearing pains in the nerves of the arms and (as the prover again expresses it) along the vessels return (tenth day after 60 drops),¹¹.—Severe stitches in the arms along the bones, especially in the forearms, and also in the metacarpal bones; pains in the elbows, as after carrying a heavy weight with the arms bent, aggravated by extending the arms; these sensations, as all others, are

worse on the right side (eighth day after 60 drops),¹¹.—Tearing pains appear in the muscles of the arms, especially in the flexors of the forearm, in the morning soon after waking (tenth day after 60 drops),¹¹.—The tearing pains in the arms are increased on the appearance of the cool evening air (ninth day after 60 drops),¹¹.—A crawling-tearing in the bones of the arm, extending into the fingers, as if the arm were numb or asleep, or had no sensation,¹.—Waked at night, with pricking numb sensation in right arm, transient (second day),¹⁷.—Stitches extending through the right arm to the shoulder (twenty-eighth day),¹⁴.—Left arm goes to sleep without having lain upon it,².—**Shoulder.** Transient pain in the right shoulder-joint, and at times in its vicinity, in the afternoon,¹³.—Jerking stitches like electric sparks frequently in the left shoulder, and extending into the cervical muscles,¹¹.—[1000.] Slight stitches beneath the right axilla two or three times (third day),¹⁴.—**Arm.** Pain in the right upper arm and in the shoulder-joint (tenth day),¹⁴.—Bruised pain in the right upper arm along the biceps and brachialis anticus, increased by pressure (second day after 60 drops),¹¹.—**Elbow.** Drawing and paralytic pain in the elbows and hands,¹.—Pain in the elbow-joints below the internal condyle, just as if one had compressed the ulnar nerve,¹¹.—Pain in the right elbow (thirty-sixth day),¹⁴.—Paralytic sensation in the right elbow-joint, as from hard pressure upon the ulnar nerve (fourth hour after 20 drops),¹¹.—Paralytic pressive sensation in the right elbow, in the region of the head of the radius and of the tendon of the biceps, extending thence to the middle of the upper arm (second hour after 5 drops),¹¹.—Stitches in the right elbow,¹⁰.—Violent, rather persistent stitches and jerking-biting in the right elbow and along the whole ulnar side of the right forearm, during the whole forenoon (thirty-fourth day),¹⁴.—[1010.] Transient sticking in the left elbow-joint, at noon (fourth day),¹⁴.—Stitches in the left elbow (twelfth and thirtieth days),¹⁴.—Repeated stitches on the outer side of the left elbow, in the afternoon (fourth day),¹⁴.—**Forearm.** **The arms immediately go to sleep if she grasps anything firmly; she is obliged to let them sink down,*¹.—Sensation along the ulnar arteries, right and left, as if they were too short, together with a pain, apparently in the ulnar artery, on bending the hand backward (second day after 5 drops),¹¹.—Frequent attacks of paralytic-like sensation, with pains in the forearms, as from firm pressure upon the ulnar nerve (eighth day after 60 drops),¹¹.—Paralytic-like pains in both forearms, extending to the palms of the hands, as from pressure upon the radial nerves (thirty minutes after 10 drops),¹¹.—*Stiffness of the arm, as if it would go to sleep, when one grasps anything with the hand,*¹.—Sensation in the “arteries” of the forearm, as if they were too short, with a spasmodic pain in them; this sensation was referred by the prover with a decided confidence to the arteries, and it seemed to him most severe in the radial arteries, and was noticed even in the smaller branches (thirty minutes after 20 drops),¹¹.—Paralytic-like pain extending along the ulna to the tip of the little finger (thirty minutes after 5 drops),¹¹.—[1020.] Drawing pain, late in the evening, in the inner portion of the arm, from the elbow to the tips of the fingers (after one hour),¹.—Dull sticking and drawing in the ulna, along the anterior and inner side of the forearm (ten minutes after 20 drops),¹¹.—Sensation in the right forearm, as if it were too short, and on bending the hand backward a pain, especially below the styloid process of the radius (this sensation the prover located in the arteries on the flexor surface of the arm); while sitting, a similar sensation in the popliteal artery (soon after 5 drops),¹¹.—Paralytic-like pain along the right radial nerve, especially noticed in the lower half of the

forearm (fifty minutes after 5 drops),¹¹.—Sticking through the middle of the dorsal surface of the right forearm (second day),¹⁴.—Stitches on the outer side of the upper half of the right forearm (sixth day),¹⁴.—Stitches, with paralytic-like pains, extending from the right wrist to the middle of the forearm (fifteen minutes after 10 drops),¹¹.—Spasmodic sensation of the flexors of the left forearm, with a sensation as if they had gone to sleep,¹⁰.—Pain in the left forearm just above the wrist (forty-seventh day),¹⁴.—**Wrist.** Some pain in the right, and in a slight degree also in the left wrist (tenth day),¹⁴.—[1030.] Drawing pain in the wrist,¹.—Stitches near the left wrist, and also in a slight degree in the right wrist (fourth day),¹⁴.—Dull drawing stitches in the wrists, extending in part along the metacarpal bones into the hand, and in part along the inner surface of the radius (five hours after 60 drops),¹¹.—Stitches in the left wrist (twenty-first and twenty-fifth days),¹⁴.—**Hand.** Veins on the back of the hand very much swollen,¹⁴.—Drawing and dull stitches along the metacarpal bones of both hands, as well on the dorsal as on the volar surface, especially felt on the interosseous surface of these bones (thirty minutes after 10 drops),¹¹.—Stitches and paralytic sensation in the metacarpal bones (mostly of the right hand, and especially in the fourth and fifth metacarpal bones on the dorsal surface), (forty-five minutes after 40 drops),¹¹.—Stitches on the dorsal surface of the left hand, and a minute afterwards on the right also (seventh day),¹⁴.—Burning pain in the hand, in the afternoon (after seventy-two hours),¹.—Stitches in the dorsal surface of the right hand (twenty-fourth day),¹⁴.—[1040.] Pain in the left hand (fifth day),¹⁴.—Sticking in the ball of the left hand (second day),¹⁴.—Stitches in the ball of the left hand, at 10 P.M. (thirty-fourth day),¹⁴.—Stitches on the inner margin of the left hand (thirteenth and fourteenth days),¹⁴.—Stitches on the dorsal surface of the left hand between the thumb and index finger (fifth day),¹⁴.—**Fingers.** The fingers go to sleep in the morning (after twelve hours),¹.—Pain in the thumb and index finger, as from a sprain or a strain, or from too great exertion, or as if it were broken; felt when moving it,¹.—Sticking in the flexor surface of the second phalanx of the right thumb (second day),¹⁴.—Stitches in the right thumb (fifth and twenty-second days),¹⁴.—Stitches in the metacarpal bone of the thumb,¹⁰.—[1050.] Stitches about the first joint of the right thumb, in the afternoon,¹⁴.—Stitches in the first joint of the right thumb (third and twelfth days),¹⁴.—Severe stitches in the first phalanx of the right thumb, extending from the upper joint forward (third day after 60 drops),¹¹.—Moderate sticking-jerking in the first joint of the right thumb (fourth day),¹⁴.—Stitches in the left thumb (twenty-third day),¹⁴.—Stitches in the right index finger (twenty-fourth day),¹⁴.—Stitches in the third joint of the right index finger (twenty-first day),¹⁴.—Stitches in the third phalanx of the right index finger (twelfth day),¹⁴.—Stitches between the left index finger and thumb, on the dorsal surface (fourth day),¹⁴.—Pain in the tip of the left ring finger (sixth day),¹⁴.—[1060.] Sticking in the right little finger (seventh day),¹⁴.—Stitches in the left little finger (forty-fifth day),¹⁴.—Rather sensitive stitches on the dorsal surface of the left little finger (twenty-first day),¹⁴.

Inferior Extremities.—He was obliged to stretch out the legs from time to time in order to get rested,¹.—Feeling of weakness and weariness in the legs (second day after 60 drops),¹¹.—Great weakness and weariness in the legs, especially in the knees,¹¹.—Drawing and tension in the joints of the lower extremities, especially in the knees, with great weariness in them (second day),⁹.—Tearing pain in the upper and lower legs,¹.—

Hip. Pain in the hips,¹⁴.—Pain in the hip-joint, as if sprained, on walking after sitting (in the evening), (after five hours),¹.—**Thigh.** [1070.] Paralytic stiffness, with weariness of the thigh, like a bruise,¹.—Pain on the posterior surface of the right thigh, when walking (eighteenth day),¹⁴.—Pain on the posterior portion of the right thigh, always when walking (while extending the leg), though in a slight degree, and more to the inner side (twentieth day),¹⁴.—An indescribable pain in the thigh if one rises after sitting, and when lying, if the thigh is stretched out,¹.—(A kind of fierce labor-pain), extending from the sacrum into the thigh, a drawing paralytic pain (after one and two hours),¹.—Tensive pain in the right thigh, while bearing the weight upon the leg with the knee somewhat bent, similar to a pain in the muscles caused by overexertion of the legs,¹⁴.—Sticking in the outer side of the lower half of the right thigh, while bending the leg (third day),¹⁴.—Sticking above the right gluteus maximus (sixth day),¹⁴.—Stitches in the right nates (fifty-second day),¹⁴.—Stitches in the lower half of the right thigh,¹⁴.—[1080.] Stitches on the outer side of the lower half of the right thigh (twelfth day),¹⁴.—Stitches on the outer side of the left thigh, with difficulty in walking, in the evening (thirtieth day),¹⁴.—Stitches in the forepart of the lower half of the left thigh (twelfth day),¹⁴.—Stitches in the left upper thigh from below upward,¹⁴.—Stitches deep in the left nates (fourteenth day),¹⁴.—Slight stitches in the outer side of the thigh just below the nates,¹³.—Bruised pain on the anterior surface of the thigh, with great weakness and weariness, on walking (fifty minutes after 10 drops),¹¹.—Transient bruised pain in the thighs (after a quarter of an hour),¹.—**Knee.** Creaking and cracking in the knee, on motion (after three hours),¹.—Weakness of the knees (second day),¹⁰.—[1090.] Sensation of great weariness in the knee-joints, with a sensation as if the articular surfaces would be separated from each other (thirty-five minutes after 20 drops),¹¹.—Sensation in the right and afterwards also in the left knee, as if the articular surfaces were drawn away from each other,¹⁰.—Sensation in the knees, while walking, as if the articular surfaces were separated from each other (second day after 5 drops),¹¹.—Pain in the right knee (fifth, forty-seventh, and seventy-first days),¹⁴.—Pain in the left knee (fifth day),¹⁴.—Tension in the knees,².—Spasmodic contraction in the muscles of the knees, as after a very fatiguing walk (thirty-five minutes after 20 drops),¹¹.—Sticking in the right knee (second day),¹⁴.—Sticking in the right knee and hip (twelfth day),¹⁴.—Rather severe sticking in the anterior surface of the right knee, while bending it (second day),¹⁴.—[1100.] Stitches in the right knee, and also some in the left knee (second day),¹⁴.—Stitches in the knee-joints (thirty-five minutes after 20 drops),¹¹.—Stitches in the knee-joints deep under the patella (second day after 60 drops),¹¹.—Stitches in the right knee,¹⁴.—Stitches on the inner side of the right knee (seventh day),¹⁴.—Stitches on the outer side of the right knee (twelfth day),¹⁴.—Stitches below the left knee on the outer side, while walking (fifty-eighth day),¹⁴.—Stitches about the knee-joint, now in the left, now in the right, now in both knees, and also pain in the hollow of the knee (the prover again referred this sensation to the popliteal artery, as if the artery were too short), (soon after 60 drops),¹¹.—Stitches in the whole of the right knee-joint and in the left ankle (twentieth day),¹⁴.—Stitches in the outer side of the left knee-joint and in the neighboring portions of the thigh (forty-seventh day),¹⁴.—[1110.] Some stitches on the outer side of the right knee (second morning),¹⁴.—Repeated stitches in the right knee (twelfth day),¹⁴.—Slight stitches in the left knee (fifth day),¹⁴.—Sensation on the inner side of the patella, as

if a blunt plug had been forced under it; this sensation was especially severe on the right side,¹⁰.—Stitches in the inner side of the patella, and also in several places in the joints (three hours after 40 drops),¹¹.—Stitches in the left patella (twenty-fifth day),¹⁴.—Sensation in the hollow of the knee, as if the artery were swollen and painful (fifth hour after 60 drops),¹¹.—Sensation of spasmodic contracting pain in the right popliteus, as after a fatiguing march; this sensation was again referred to the popliteal artery (second day after 60 drops),¹¹.—Tensive pain in the hollow of the knee, on stretching out the knee (fifth day after 60 drops),¹¹.—*Leg.* Great weakness and weariness in the lower legs, as after a fatiguing march (thirty-five minutes after 20 drops),¹¹.—[1120.] Sensation in the legs as if they would fall asleep,¹.—Sensation in the lower legs as after a long march, relieved by motion and when walking (thirty minutes after 10 drops),¹¹.—Sensation as if the lower leg were enveloped by a broad bandage, especially noticed while sitting, also accompanied by great heaviness (thirty minutes after 5 drops),¹¹.—Pain in both lower legs, as from an exhausting climb,¹⁰.—Paralytic-like pains on the outer side of the right lower leg (thirty minutes after 10 drops),¹¹.—Paralytic pain on the anterior and inner side of the lower leg (soon after 60 drops),¹¹.—*Cramp in the legs* (after ten hours),¹.—Drawing pain, extending from the knee through the lower leg, late in the evening,¹.—Drawing-tearing pain, extending from the knee to the ankle,¹.—Stitches in the middle of the forepart of the right lower leg (second day),¹⁴.—[1130.] Stitches along the whole course of the left lower leg (third day),¹⁴.—Bruised pain in the muscles of the lower legs (twenty minutes after 20 drops),¹¹.—Sensation of great weariness in the muscles of the calves of both legs, as after a fatiguing march (second morning after 40 drops),¹¹.—Heaviness in the muscles of the calves, while sitting, with tingling-crawling in them (thirty minutes after 5 drops),¹¹.—Heaviness in the muscles of the calves, with dull crawling in them (thirty-five minutes after 20 drops),¹¹.—Heaviness and a sensation of weariness in the muscles of the calf, very severe (third hour after 5 drops),¹¹.—Heaviness and dull crawling in the muscles of the calves, with inclination of the feet to go to sleep (ninth day after 60 drops),¹¹.—Heaviness and dull crawling in the muscles of the calf, just as after a fatiguing march (thirty minutes after 10 drops),¹¹.—Great heaviness in the muscles of the calves, with dull crawling in them (forty-five minutes after 40 drops),¹¹.—She was obliged to draw up the feet on account of pain in the calves and in the knees; if she stretched them out they fell asleep,².—[1140.] Tension from the feet along the calves,².—**Special inclination to cramp in the calves*,¹.—Tensive cramplike pains in the calves, on moving the feet (after eight hours),¹.—**Cramps in calves* (ether. oil),¹⁸.—At night in bed, when stretching out the feet, as if he would push them against something, he is taken with a cramp in the calves, which is relieved on bending the knee (after eight hours),¹.—Stitches on the outer side of the right calf, extending thence downward into the lower leg (forty-seventh day),¹⁴.—**Crawling and heaviness of the calves*,¹⁰.—Crawling, gone-to-sleep sensation in the left calf,¹⁰.—Crawling and weakness in the left calf, with a weakness of the knees,¹⁰.—Dull prickling, with very fine stitches and sensation of weariness and heaviness in the muscles of the calves (third day after 60 drops),¹¹.—[1150.] Pressure below the head of the fibula, as from pressure upon a nerve (five hours after 60 drops),¹¹.—Sensation as of severe pressure below the head of the fibula (forty-five minutes after 40 drops),¹¹.—Paralytic, pressive sensation beneath the head of the right fibula, and extending downward (second hour after 5 drops),¹¹.—At 5 P.M., a pain-

ful sensation below the head of the fibula, extending thence downward, and especially noticed in the lower half of the right lower limb, similar to the sensation produced by pressing strongly upon the ulnar nerve at the elbow (fifth day),¹⁰.—Stitches below the head of the fibula, especially on the right side (twenty minutes after 20 drops),¹¹.—Dull stitches below the head of the fibula (soon after 60 drops),¹¹.—Dull stitches, especially below the head of the right fibula,¹¹.—Sensation, as from overexertion in the peroneal muscles (a paralytic-like pain, with a bruised sensation), (second hour after 5 drops),¹¹.—Pain in the peronæus tertius (?), as after a laborious ascent of a mountain, together with pain along the extensors of the foot on the left side; afterwards a pressive pain along the nerv. peronæus, extending upward to the middle of the thigh, most severe at the lower portion of the interosseous ligament, together with stitches in the metatarsal bones of the left great toe, which feel as if gone to sleep; a sensation above the ankle, as of a very strong constriction with a band,¹⁰.—Bruised sensation in both legs along the peroneal muscles, with a sensation as after a fatiguing mountain climb (soon after 60 drops),¹¹.—[1160.] The bruised pain in the peroneal muscles continues, with pain in the heel, as after standing a very long time, and as if the os calcis would push through the skin (seventh hour after 60 drops),¹¹.—Sensation of severe pressure upon the peroneal nerve below the head of the fibula (thirty-five minutes after 20 drops),¹¹.—Pain, as from pressure, with crawling along the whole course of the nerv. peronæus (second day),¹⁰.—Sensation as of constriction with a broad band above the ankle (soon after 60 drops),¹¹.—Sensation of constriction, as with a tight band, in both ankles (second day),¹⁰.—Severe constrictive sensation in the ankles,¹⁰.—Sensation above the malleoli at the ankle, as from compression of the extensors by means of a broad band (thirty minutes after 10 drops),¹¹.—Sensation as of very strong compression by means of a broad band about the ankle,¹¹.—Stitches in the left ankle and in the right knee,¹⁴.—Dull stitches in the ankles, knees, and wrists, extending from the joints outwards and downwards into the neighboring long bones (second day after 60 drops),¹¹.—[1170.] In rest, tearing pains in ankles,¹⁷.—**Foot.** Sudden swelling of one foot, and of the sole,¹.—The feet go to sleep easily (third day after 60 drops),¹¹.—The feet go to sleep, while sitting (thirty-five minutes after 20 drops),¹¹.—The left foot goes to sleep while sitting, without any cause from the position of the leg,¹⁰.—The feet seem paralyzed,¹.—Nightly paralytic loss of power in the feet; they have no power; he is unable to step on them, and if he rises, sinks to the ground, with drawing pains in the legs and ankles, and a pithy sensation in the soles,¹.—Burning and itching of the feet, as if they had been frozen (after three hours),¹.—Stitches on the outer margin of the left foot (fifteenth day),¹⁴.—Tearing pain in the feet; he cannot allow them to be covered in bed,¹.—[1180.] Transient pain in the middle of the sole of the left foot,¹³.—Spasmodic contraction of the soles of the feet, just as also had been observed after Cham. 12th, but no attention had been paid to it; this spasmodic contraction appeared several times during the day,⁹.—Slight spasmodic sensation in the muscles of the soles of the feet and in the bones, as if sprained, like that of the previous day; this latter sensation was most marked in the ankle-joints (second day),⁹.—Pain, as if sprained in the soles of the feet, while

† The paralytic sensation produced by Chamomilla in any part is always accompanied by drawing or tearing pain, and the drawing or tearing pains rarely occur without the paralytic or numb sensation in the part.—H.

lying down,⁹.—Drawing in the left sole,¹⁰.—Severe stitches in the sole of left foot along the first and second metatarsal bones,¹¹.—Dull stitches along the metatarsal bones of the soles of the feet (twenty minutes after 20 drops),¹¹.—Itching pain internally in the side of the heel (after three hours),¹.—**Toes.** It seems as though the toes would bend up and would go to sleep, while sitting, especially the great toe (after one hour),¹.—Spasmodic contraction of the toes, with tearing pains in the limbs,¹.—[1190.] Stitches in the left second toe (twelfth day),¹⁴.—A bruised sensation in the bellies of the muscles in the long flexors of the toes, as from excessive exertion from walking (second day after 60 drops),¹¹.

General Symptoms. — Objective. *Convulsions of children, now one leg, now another, is alternately moved up and down; the child grasps and reaches for something with the hands, and draws the mouth back and forth, with staring eyes,¹.—Twitches of the limbs and eyelids,¹.—Single twitches of the limbs and of the head during the morning nap,¹.—He is inclined to start up (after twenty-four hours),¹.—She starts up at the slightest trifle,¹.—Tremulous starting up,¹.—Stretching of the whole body (second day),⁹.—Inclination to stretch,¹¹.—[1200.] Great inclination to stretch (three hours after 5 drops),¹¹.—General stiffness for a short time,¹.—She sits stiff upon the chair like a statue; does not seem to notice anything about her (after twenty-four hours),².—* (Paroxysms, lasting some minutes, occur for two or three hours); *the child becomes stiff and bends itself backwards, kicks with its feet when carried, screams immoderately, and throws everything off*,¹.—He sits perfectly still, and will not talk if not obliged to answer a question (after six hours),¹.—The child will always lie; does not wish to be carried (after two hours),¹.—The child will neither stand nor walk,¹.—Weakness; she wishes to sit constantly (after five hours),¹.—Weakness in the morning, so that he cannot rise from bed,¹.—When the pain begins, it is accompanied by weakness, even to sinking down; he is obliged to lie down,¹.—[1210.] Great weakness while at rest, as also in motion,¹.—Great weakness and weariness (forty-five minutes after 5 drops),¹¹.—Great weakness and weariness, especially in the limbs, and for the most part in the lower limbs,¹¹.—Great weakness and weariness, especially in the legs, with inclination to stretch them (forty-five minutes after 5 drops),¹¹.—†—The greatest weakness and weariness, which border on faintness (after four hours),¹.—Paralytic-like weakness of the parts affected by the pains,¹¹.—After rising in the morning, weaker and more fatigued than on lying down (second morning),⁹.—During motion he has considerable strength,¹.—Exhaustion of the whole body (thirty minutes after 20 drops),¹¹.—Exhaustion of the whole body, especially of the limbs, and particularly of the knee-joints (fifteen minutes after 10 drops),¹¹.—[1220.] Attacks of exhaustion of the whole body (soon),⁸.—*Short attacks of exhaustion, especially of the lower extremities*,⁷.—Great exhaustion, especially of the limbs,¹¹.—Great exhaustion, complete inability for earnest thought,⁷, and a sensation as in the beginning of a severe illness,⁹.—Sudden exhaustion, especially in the knees, while sitting and also while walking; slight giving way of the knees (thirty minutes after 5 drops),¹¹.—* *A kind of faintness; he becomes sick and qualmish about the heart, the feet suddenly feel paralyzed, with heaviness of all the limbs, as if they were worn out*,¹.—* *Attacks of faintness, which return sooner or later (after half an hour and three, four,*

† These symptoms of fatigue affected in part even the exertion needed for making these observations.

and five hours),¹.—Attacks of fainting,¹.—Great uneasiness, with inability to sit still (fifteen minutes after 5 drops),¹¹.—Weariness, with great fatigue, immediately after a little exertion (second day after 5 drops),¹¹.—[1230.] Weariness and weakness,^{13 14}.—Weariness, with weakness in the knees,¹³.—Great weariness of the body (fourth day after 60 drops),¹¹.—Great general weariness, especially severe in the limbs, with frequent giving way of the knees, when walking at 7 A.M. (third day after 5 drops),¹¹.—Body and mind were weary and indolent (second morning),¹¹.—Sensation of paralytic weariness in the painful parts (after 60 drops),¹¹.—Very weary in the morning (third morning),⁸.—Sensation of weakness of the whole body, especially of the knees, and almost complete exhaustion (third day),¹⁰.—Sensation of general weakness (twenty minutes after 5 drops),¹¹.—Sensation of great weakness over the whole body,⁹.—[1240.] *Excessive uneasiness, anxiety, agonizing tossing about, with tearing pains in the abdomen* (after one hour); followed by dulness of the senses, and then intolerable headache,¹.—*Tosses anxiously about the bed at night, full of fancies,¹.—**He tosses about the bed, with febrile heat and redness of the cheeks, and talks confusedly, with open eyes,*¹.—He cannot remain in bed,¹.—Sensitiveness to change of weather was increased,¹¹.—**Subjective.** Unusual feeling of lightness the whole day (curative), (first day),⁶.—Sensation of paralysis in the parts where the pain had ceased,¹.—Sensation of indolence and lassitude (soon),⁸. Tired and weak in the morning (second day),¹⁴.—Weariness,²².—[1250.] Weariness, especially of the feet (after ten hours),¹.—Frequently returning sensation of weakness (which had been noticed since the first dose of Chamomilla, and even on the days of abstaining from it, but never formerly),⁹.—He only feels well after breakfast, but after a few minutes faint-like sinking of strength (after eight hours),¹.—Sensation of exhaustion of the whole body, as in impending fever,¹⁰.—Sensation of exhaustion especially in the legs (fifteen minutes after 40 drops),¹¹.—Exhausted and wearied sensation and inclination to sleep (twenty minutes after 40 drops),¹¹.—Sensation of great exhaustion and complete loss of mental power, though the head was free (second morning),⁸.—Sensation of being generally unwell (fourth day),¹⁴.—Sensation of oppression, with anxiety (thirty minutes after 20 drops),¹¹.—General oppression and attacks of anxiety (twenty minutes after 5 drops),¹¹.—[1260.] Increased sensation of oppression (forty-five minutes after 10 drops),¹¹.—Sensation of great oppression, with great irritability, in the morning (after 5 drops),¹¹.—Feeling of great oppression on moving (twenty minutes after 5 drops),¹¹.—Drawing pains appear in all the bones, even in the occiput,¹¹.—Sticking pain in various joints, especially in the shoulders and ankles (soon after 60 drops),¹¹.—**Stitches jumping about from place to place, especially in the knees and ankles, disappearing on motion* (second day),¹¹.—Dull stitches in various parts of the body, especially in the joints, lasting the whole day; they were very severe in different parts of the body, of longer or shorter duration, accompanied in the arms and lower legs by a kind of paralytic pain; these stitches follow the course of the nerves in the muscles of the arms and legs, and are accompanied by a sensation as from over-exertion,¹¹.—Paroxysmal dull stitches in various parts of the body, sometimes simultaneously in several places, sometimes jumping from one part to another, especially deep in the joints; these stitches are for the most part accompanied by a kind of paralytic sensation in the affected joints,¹¹.†—Wandering stitches in the joints, ex-

† Symptoms which this prover had never before experienced.

tending thence down into the long bones, with a sensation as if pain in the bones would also appear (thirty minutes after 20 drops),¹¹.—Flying stitches in cardiac region, and extending, at one time of a shooting, at another of a drawing character, now right, now left, down the legs to the dorsum of the foot and ankle, then back to the right shoulder or hip, or left side of head (22 and 24 grains),²¹.—[1270.] Paralytic-like stitches extending into the bones, less on rising than while sitting (second day after 20 drops),¹¹.—Evening attacks of tearing pains,¹.—Bruised pains throughout the whole day (weather stormy), relieved after 4 P.M., when the wind subsided and the sky cleared, but the wandering tearing in the limbs continued (third day after 60 drops),¹¹.—Pains composed of itching and sticking, now in one, now in another part, on a small spot; after scratching, it hurts more (after four hours),¹¹.—All the pains, even if slight, became intolerable and unendurable, and he was very fretful,¹¹.—The most violent symptoms appear within twenty to thirty minutes after taking the drug, and each one in a diminished degree,¹⁰.—The symptoms continued for some days after leaving off the medicine,²¹.—The prover noted in his daybook that the headache was much more characteristically developed from the triturations, while from the tincture more stitches appeared in the joints, with pains in the bones, though the latter were mostly only in the region of the joints (thirty-five minutes after 20 drops),¹¹.—The symptoms disappear almost wholly during the midday heat, only the nose remains stopped, with a sensation of fulness and dryness in it, while the pressing and sticking headache, especially noticed during the forenoon in the temples and vertex, with some stitches in the left temple, is relieved, and only the stitches below the head of the fibula remain (ninth day after 60 drops),¹¹.

Skin.—Objective. *The skin is unhealthy; every injury causes a sore and suppuration,*¹.—[1280.] The skin of the forehead is wrinkled above the nose,².—*The lower lip is cracked in the middle* (three and ten hours),¹.—**Eruptions, Dry.** Small red spots in the skin, which are covered with nettle-like rash,¹.—An eruption, only slightly elevated, on the nape of the neck, which causes a biting sensation, compelling her to scratch,¹.—Rashlike eruption on the cheeks and forehead, without heat,¹.—*Red rash upon the cheeks,*¹.—Red rash, consisting of thick pimples, which are crowded into a red spot in the skin, on the lumbar vertebræ and on the side of the abdomen; they itch, especially at night, with some biting; shuddering is felt all about the spot from time to time,¹.—Many small red pimples on the back,⁷.—**Eruptions, Pustular.** Pustule-like pimples here and there in the face, which are not sore, and only itch when touched,¹.—An inflamed pustule on the margin of the ala nasi (after 5 drops),¹¹.—[1290.] Pimples appear, with itching around an ulcer, which is covered with a crust and which suppurates (the margin around the base of the ulcer is very red),¹.—Scabby ulceration on the borders of the lips (from one to four hours),¹.—(Redness around an ulcer on the foot, with swelling and bruised pain),¹.—A previously existing ulcer became painful (after three-quarters of an hour),¹.—*Burning and biting pain in an ulcer at night, with crawling in it and painful hyperæsthesia to the touch,*¹.—Jerking and sticking pain in an ulcer,¹.—**Subjective.** Frequent stitches and violent prickling in various parts of the skin, also sticking, as from a bundle of fine needle-points; this sticking and prickling have a varying duration, and are relieved by scratching,¹¹.—Much biting on various portions of the body,¹⁴.—* *While sweating, severe itching of the sweating parts,*⁷.—A corrosive itching in the skin of the forehead,¹.—[1300.] Itching of the prepuce and glans

(forty-five minutes after 10 drops),¹¹.—Itching of the scrotum (after six hours),¹.—Itching of the nates,¹⁴.—Itching on the sole,¹.

Sleep and Dreams.—Sleepiness. Yawning,²².—Frequent incomplete yawning (after a quarter of an hour),¹.—Frequent very severe yawning, without sleepiness, with merry mood (after one hour),¹.—Much yawning the whole forenoon, with desire to stretch (second day),⁹.—Inclination to sleep (forty-five minutes after 5 drops),¹¹.—Sleepiness while eating,¹.—[1310.] Remarkable sleepiness (after three-quarters till one hour and a half),¹.—Drowsiness and lassitude during the day,¹.—Sleep sound and deep, disturbed towards morning by dreams, with an emission,¹⁰.—Was a long time in getting wide awake (second morning),¹¹.—Difficult waking from a deep sleep, and on waking feeling more exhausted than when he lay down (second morning),¹⁰.—Difficult and late waking from an unpleasant and dreamy sleep (second morning),⁸.—**Sleeplessness.** Sleep seems to be troublesome and oppressive; his face looks gloomy, fretful, and sad,¹.—Always on waking he found himself lying on the right side with the hand under the head, at night,¹¹.—Whenever he awoke from sleep he found that he was lying upon the back, or right side, whereas formerly he always lay upon the left side, and only begun to lie upon the right side since the proving,⁹.—During sleep, talking, snoring, tossing about,¹⁷.—[1320.] During sleep, he talks unintelligibly, directing that some one should remove this or that obstacle,¹.—**Moaning during sleep*,¹.—Groaning in sleep, with hot clammy sweat on the forehead,¹.—*Weeping and wailing, during sleep*,¹.—He starts at night in sleep,¹.—**Starting up, crying out, tossing about, and talking in sleep* (after six hours),¹.—Sleep uneasy, with frequent tossing about at night,¹¹.—Sleep very uneasy, with many dreams; waking very difficult,⁹.—Sleep restless and unrefreshing, with frequent waking, tossing about in bed, and lying while asleep on the right side, waking somewhat later than usual (at 5 o'clock), with confusion of the head, dull digging in the forehead and right temple, which soon become a severe pressure, and a sensation as from a pressing inward by a sharp corner (second morning after 5 drops),¹¹.—Sleep very uneasy; every time on waking he found himself lying upon the right side with the legs drawn up, or upon the right half of the back (second night),¹⁰.—[1330.] Extremely uneasy sleep, with constant tossing about (second night after 40 drops),¹¹.—Restless sleep,²².—Sleep very restless, with frightful and oppressive dreams (third night after 5 drops),¹¹.—Sleep very restless, and much disturbed by unpleasant heavy dreams at night,⁹.—Night extremely restless, with frequent waking, and difficult falling asleep again (second night),⁸.—Awoke in the morning very much exhausted (second day),⁹.—Frequent waking from sleep, every time in profuse sweat, which ceases immediately on waking, but returns on falling asleep,⁷.—**Could not sleep till 2 A.M., partly from painful weakness in the limbs, partly from sensation of heat and restlessness, which makes him toss about in bed*,¹⁷.—**If he sits down during the day he wishes to sleep, but if he lies down he is unable to sleep, but remains awake*,¹.—Loss of sleep at night, with attacks of anxiety; very vivid visions and fancies appear to him (after one and four hours),¹.—**Dreams.** [1340.] Sleep at night full of dreams, not unpleasant,¹¹.—Very clear vivid dreams, as of a connected story,¹.—Sleep full of fantastic dreams,¹.—He fell asleep easily in the evening, but during the night he had uneasy dreams, in which he was very anxious and oppressed (first night),⁹.—Quarrelsome vexatious dreams,¹.—He talks in his dream, with vivid memory and reflection,¹.

Fever.—Chilliness. Frequent shivering-creeping over the whole

body, and extending into the limbs, with increased secretion of urine; half an hour after the beginning of this cold stage (with a small weak pulse of 80, and respiration 16) a sensation of warmth was felt in the whole body, beginning in the head, while there were the shiverings in the body, and it was still cold to the touch; this warmth soon extended over the whole body; at 12 m. (after one hour), the skin was somewhat moist, pulse 76, respiration 16 (second day),⁹.—*He shivers in the cold air* (after two hours),¹.—*He shivers if he uncovers himself*,¹.—(Chill all over, after eating, followed by heat in the cheeks),¹.—[1350.] Chill in the afternoon about 4 o'clock (during which he said things which he would not have said), with nausea in the abdomen, lasting until 11 p.m., followed by throbbing-sticking headache in the forehead, aggravated by lying down,¹.—Severe chill, immediately after uncovering in the bed,².—(Violent internal chill, without external coldness, except cold feet, with thirst, followed by excessive heat with sweat; but if she puts an arm out of bed chill, and if she covers it again in bed sweat, together with tearing in the forehead),¹.—Chilliness (immediately); none of his clothing seems to be sufficiently warm,¹.—Chilliness in the evening; at night, much sweat and thirst,¹.—**Coldness over the whole body, with burning heat of the face, which comes out the eyes like fire*,¹.—Coldness in the evening on lying down, a kind of deafness with it, with which sounds seem to come from a great distance; nausea, uneasiness, tossing about in bed; a kind of stupefaction of the head, with diminished sensation of the skin, so that the skin on scratching feels numb and dead,¹.—He is cold, together with thrills of shivering from the back to the abdomen (after one and four hours),¹.—On going to sleep, unpleasant cold sensation (second day),¹¹.—Shivering on single portions of the body which are not cold, with sleepiness (after two hours and a half),¹.—[1360.] **He has a shivering in some portions, in the face* (after half an hour), *on the arms* (after two hours), *with and without external coldness*,¹.—**Shivering on the posterior portion of the body, of the arms, of the thighs, and of the back, which returns by paroxysms, without external coldness, but rather with internal dry heat and external heat, especially of the forehead and face*,¹.—**Chill only on the anterior portion of the body* (after a quarter of an hour),¹.—**Cold limbs, with burning heat of the face, burning heat in the eyes, and burning hot breath* (after five hours),¹.—Icy coldness of the cheeks, hands, and feet, with burning heat on the forehead, neck, chest, afterwards again redness and heat on the right cheek; the hands and feet become again naturally warm, with contracted immovable pupils, followed by snoring sleep (after one and three hours),¹.—Sensation of coldness in the abdomen, especially in the region of the kidneys, extending thence over the whole back, and lasting a long time between the scapulæ; with this cold sensation there appeared severe stitches in the right frontal eminence, etc. (second day),⁹.—At times a sensation of coldness in the epigastric region (second day),¹⁰.—Cold sensation in the region of the kidneys, with frequent attacks of shivering,¹¹.—Shivering in the back, and bruised sensation in the peroneal muscles, at 6 p.m. (ninth day after 60 drops),¹¹.—Frequent shivering over the back (third day after 60 drops),¹¹.—[1370.] Frequent sensation of shivering along the back (seventh day after 60 drops),¹¹.—**Slight shiverings, alternating with heat, creep over the back and abdomen*,¹⁰.—Cold shiverings frequently creep over the back,¹⁰.—Frequent cold shiverings in the back, especially in the lumbar vertebræ, from the time of waking in the morning till 9 o'clock (third day),¹⁰.—Frequent creeping coldness in the back, at 11 a.m. (second day after 5 drops),¹¹.—Sensation of coldness in the dorsal vertebræ, from where frequent shiv-

erings extend over the whole body (second day),¹⁰.—Sensation of inner coldness in the lumbar region, with shivering over the whole body,¹¹.—Sensation of internal coldness, frequently returning, starting from the lumbar vertebræ, extending over the abdomen, with shivering along the spine,¹¹.—Coldness of the hands, with cold sweat on the palms, and warmth in the rest of the body (after two hours),¹.—The hands are cold; she feels a paralytic stiffness in them, with confusion of the head; she is sensitive to the open air, as if she would take cold easily,¹.—[1380.] **The fingers become cold and are inclined to become asleep, while sitting (after one hour),¹.—Cold feet, on going to sleep in the evening,⁹.—Very cold feet (second day),¹⁰.—(Febrile paroxysm; shaking chill in the afternoon; he was unable to get warm, with flow of saliva from the mouth, bruised pain in the back and in the side, with pressive dull headache in the forehead, followed by excessive heat at night, and loss of sleep),¹.—(Febrile paroxysm; during the chill he was obliged to lie down; thirst during the chill, but not during the heat; sweat followed the heat; sticking headache in the left half of the brain, only during sweat; the next morning a bitter taste in the mouth),¹.—**Heat.** Increased temperature of body (16 to 20 grains),²¹.—The temperature of the axilla rose immediately from 36.3° to 36.4° Cent.; after six hours, at 1 P.M., 37.2°,¹¹.—The temperature of the axilla rose in half an hour from 36.3° to 36.4°; and then in forty-five minutes fell to 36.3° Cent.,¹¹.—Heat of the whole body,¹⁸.—**In the morning after drinking coffee, heat all over and sweat, with vomiting of bitter mucus, followed by bitter taste in the mouth, weakness in the head, and nausea,¹.—[1390.] At night, heat and restlessness,¹⁷.—When lying on the back trying to sleep before midnight, heat, with general sweat (after six hours),¹.—Frequent flushes of heat over the whole body,¹¹.—General heat in the forenoon from 9 to 12, followed by profuse sweat,².—Increased heat,²².—Great heat, especially in the right cheek (ten minutes after 5 drops),¹¹.—Severe heat at night, with loss of sleep (after twenty-four hours),².—He cannot endure the bed covering, on account of sensation of external heat,¹.—External heat, with shivering,¹.—**Internal heat, with shivering,¹.—[1400.] Dry heat over the whole body (fifteen minutes after 5 drops),¹¹.—It causes a biting heat,⁶.—A terrible feeling of heat, with burning, unquenchable thirst, dry tongue, and stupefaction,².—Sensation of heat, without external heat and without thirst,¹.—*Sensation of external heat, without external heat (after one and three hours),¹.—*Constant alternations of heat and coldness in various parts; at one time the hands were cold, at another warm; at one time the lower leg, at another the thigh was cold, at another warm; at one time the forehead was cold and the cheeks hot, etc.,².—After forty minutes, the heat was relieved and alternated with a cold sensation; he was also more quiet mentally; slight cold shiverings between the shoulders (after 5 drops),¹¹.—*Burning heat often in lightly covered parts, though when not covered almost cold,².—*Heat in the head and face,¹⁰.—*Heat creeping over the head and face continued a long time (ten minutes after 20 drops),¹¹.—[1410.] Heat, and some heaviness of the head, especially in the occiput (third day),¹¹.—Head warm and confused (12 grains),²¹.—Head hot (tenth day),¹⁴.—Head hot and confused,¹⁸.—Sensation of warmth in the head, flushes of rushing of blood to the head and face,⁹.—Sensation of great warmth in the head,⁹.—Sensation of heat in the head and face (thirty minutes after 40 drops),¹¹.—Sensation of violent dry heat in the head and face, with redness in the latter (soon after 60 drops),¹¹.—Great heat and rush of blood to head and chest, relieved as usual by expectoration, which appears immediately and very easily (second day after****

10 drops),¹¹.—Transient flushes of dry heat over the head and trunk,¹¹.—[1420.] Ears hot (fourth day),¹⁴.—Sensation of great heat and dryness in the nose, disappeared after some nosebleed of bright red blood (fifth day after 60 drops),¹¹.—Heat of the face, with redness of the cheeks,².—**Heat and sweat of the face, after eating and drinking* (after fourteen hours),¹.—Flushes of heat in the face and head, followed by persistent sensation of warmth in the head, soon after taking,¹¹.—Burning, hot face, at 6 P.M. (fourth day),¹⁴.—Sensation of heat in the face and head,¹¹.—Sensation of heat in the face and head, with transient rush of blood, with sensation as though sweat would break out, while the skin remained very dry,⁹.—Glowing heat of the cheeks, with thirst,¹.—Repeated sensation as of heat rising up into the cheeks (after five minutes),⁶.—[1430.] **Burning in the cheeks, with flying shiverings, in the evening*,¹.—Hands very hot,¹⁴.—Sensation of heat in the left foot, with breaking out of sweat, followed afterwards by general sweat,¹⁰.—**Burning in the soles at night*; he puts the feet out of bed,¹.—**Sweat*. Sweat, especially on the head below the temples,¹.—(General sweat in the morning, with biting sensation in the skin),¹.—General sweat at night, from 10 to 2 o'clock, without sleep,¹.—Continual sweat in consequence of great heat, in the morning (after 40 drops),¹¹.—Profuse sweat at night, with frequent waking; on waking the sweat ceases, and returns on falling asleep; heavy unpleasant dreams the whole night (third night),⁷.—Sweats easily; sweat sour,⁷.—[1440.] Perspiration easy, even on the slightest motion, with a very weary sensation (third day after 5 drops),¹¹.—The dry skin became moist and warm, and the feet began to sweat for the first time (half an hour after taking),¹¹.—**Profuse sweat on covered parts*,².—Sweat on the face, throat, and hands (after six hours),¹.—Profuse transient sweat on the face and palms of the hands,¹.—Profuse sweating of the feet (as happened every summer); the feet easily become sore while walking,¹⁴.—Very profuse sweat on the feet,¹⁴.

Conditions.—**Aggravation.**—(*Morning*), On rising, fretful, etc.; confusion of head; vertigo; at 7 o'clock, especially on closing eyes, stupefaction of head; *on rising from bed, vertigo*; at 5 o'clock, congestion to head; on waking, heaviness of head; in bed, when half awake, headache; half an hour after rising, headache; in bed, eyes half open; eye swollen, etc.; eyes inflamed; after waking, pressure in orbital region, etc.; eyes dim, etc.; after rising and washing, epistaxis; on waking, pains in teeth; dryness of mouth; bitter taste; sensation in tonsils; nausea; distension of upper abdomen; on rising, faint feeling in abdomen; on waking, cutting in abdomen; at sunrise, colic; urging to stool; in bed, erections; stitches above the heart; on waking, pain in back; heaviness in limbs, etc.; drawing in joints; soon after waking, pains in muscles of arms; fingers go to sleep; weakness; weariness; tired, etc.; sensation of oppression, etc.; from waking till 9 o'clock, shiverings in back; after drinking coffee, heat all over; general sweat, etc.; continual sweat.—(*Forenoon*), Vertigo; heaviness in limbs, etc.; stitches, etc., in elbow, etc.; yawning; 11 A.M., coldness in back; general heat, etc.—(*Noon*), During heat, rush of blood to head; headache in vertex; sticking in elbow-joint.—(*Afternoon*), *Confusion of head, etc.*; at 6 o'clock, head heavy, etc.; pressure, etc., in head; roaring in ears; diarrhœic stool; pains in shoulder-joint, etc.; stitches on elbow; burning in hands; stitches in thumb; about 4 o'clock, chill, etc.; 6 o'clock, shivering in back, etc.—(*Evening*), Mental exhaustion; *headache*; vertigo, etc.; dullness before ears; sneezing; pain in teeth; thirst; stitches in region of fifth rib; stitches in scapular region; 7 o'clock, pain in joints; stitches on thigh,

etc.; late, pain through leg; chilliness; on lying down, coldness, etc.; on going to sleep, cold feet; *burning in cheeks, etc.—(Night), While awake and sitting up in bed, talks strangely; hears voices; lips become dry; toothache; pains in general; offensive taste; *diarrhœa; cough; when lying on opposite side, pain in loins, etc.; pains in sacral region; 10 P.M., stitches in ball of hand; pain in ulcer; sweat, etc.; heat, etc.; burning in soles; from 10 to 12 o'clock, general sweat.—(Midnight), Headache; *coughing.—(After midnight), Pressure in ligaments, etc., of arm.—(Directing attention to pain), *Pressive headache.—(In bed), Anxious.—(While bending knee), Sticking in surface of knee.—(After breakfast), Eructations; nausea; pain in sides of abdomen.—(When breathing), Pain across chest; stitches through chest; stitches in side of chest.—(Taking deep breath), Stitches in liver; stitches in rib region.—(Closing eyes), Vertigo.—(Coffee), Vertigo; nausea, etc.; *pain in stomach, etc.—(Exposure to cold air while sweating), Toothache.—(Drinking cold water), Toothache; griping, etc., in abdomen.—(Cool evening air), Pains in arms.—(After dinner), Fretfulness; offensive odor from mouth; cutting above navel; stitches in abdomen; pain above pubes; *discharge from vagina.—(While eating), Toothache; fulness, etc.; sleepiness; chill.—(After eating), Vertigo; headache; headache in forehead; nausea; repletion of stomach; pressure in stomach; pressure in hypochondria; chill all over; distension in abdomen; desire for stool; fulness, etc.—(After eating and drinking), Toothache; drawing pain in teeth; *heat, etc., of face.—(Eructations), The existing pains.—(After expiration), Stitches from chest.—(Extending arms), Stitches in arms.—(On grasping with hand), Stiffness of arm.—(Hot weather), Headache, etc.—(Inspiration), Stitches in back.—(Deep inspiration), Stitches in abdomen; stitches in region of fifth rib; stitches in side of chest.—(Lying), The pains; head confused; while stretching out thigh, pain in thigh.—(Lying on back), Pressure in ligaments, etc., of arms.—(Lying down), Head confused; vertigo, etc.; sensation in lumbar region, etc.; sensation in small of back, etc.; headache in the chill.—(Before menses), *Colic.—(Mental exertion), Congestion of head; rush of blood to head; headache; pain in head; pressure on vertex.—(Motion), Pain in head; stitches at heart; pain in joints; pain in thumb, etc.; feeling of oppression.—(Moving head), Rush of blood to head, etc.; pain in forehead.—(Moving feet), Pain in calves.—(Pressure), Pain in back teeth; pain in upper arm, etc.—(Quiet), The pains.—(Rest), Pains in shoulders, etc.; pains in ankle.—(Rising after sitting), Vertigo; pain in thigh.—(After violent running), Stitches in abdomen.—(Sitting), The pains; headache in forehead; pain in loins; sensation in lower leg.—(While sitting erect), Vertigo.—(After long sitting), Pain under clavicle; pain in back.—(Sitting and reflecting), Confused, etc., headache.—(Sitting and studying), Pressure in frontal protuberances.—(During sleep), Dry cough.—(While standing), Stitches in right hypochondrium.—(Long standing in one position), Pain in neck, etc.—(After every stool), Pain in rectum.—(Stooping), Vertigo; rush of blood to head, etc.; pressure in ear; stitches in ear; pain in thorax; pain in back; pain in scapula; sensation between scapulæ; pain in small of back.—(Sudden stooping), Pressure from vertex.—(Stretching joints), Pain in knees, etc.—(During supper), Pain in tooth.—(After supper), Increased saliva.—(While sweating), Itching of the parts.—(Talking), Vertigo.—(Touching tooth with tongue), Toothache.—(Turning over in bed), Sensation in forehead.—(When urinating), Anxiety; *burning in neck of bladder; biting in urethra.—(Waking), Head confused, etc.; pain in head.—(Walking), Soon after eating, vertigo; stitches

in abdomen; sensation in region of liver; stitches in hypochondria; *sticking in abdomen*, etc.; pain in chest; after sitting, pain in hip, etc.; pains on thigh; stitches below left knee.—(*Warm drink*), Especially coffee, toothache.—(*Warm food*), Toothache.—(*Warm room*), Toothache.

Amelioration.—(*Open air*), Pains in shoulders, etc.—(*Bending forward*), Sticking in abdomen.—(*Bending knee*), Cramp in calves.—(*After breakfast*), Only feels well.—(*When carried in arms*), Children are quiet.—(*Cooling rain*), Stitches in temples, etc.—(*Walking in cool evening air*), Rush of blood to head.—(*Cold water*), Boring, etc., in roots of teeth; pain in back teeth.—(*During dinner*), Pain in tooth.—(*Doubling up*), Pain in bowels.—(*Drawing abdomen inward*), Stitches in left hypochondrium.—(*Eating*), Toothache; nausea; qualmishness, etc.; sleepiness.—(*Expectoration*), Heat, etc.—(*Passing flatus*), Pain, etc., in abdomen; cutting in abdomen; cutting in pelvis.—(*During midday heat*), Symptoms disappear almost wholly; headache, etc.—(*Lying on part*), Pressure in ligaments, etc., of arm.—(*Motion*), Pains in shoulders, etc.; sensation in legs; weakness; jumping stitches.—(*Pressure*), Sticking in abdomen.—(*Pressure and rubbing*), While sitting, sensation in liver; cutting colic.—(*Rubbing*), Cutting in abdomen.—(*Rubbing abdomen in circle with flat hand*), Pain in abdomen.—(*Rising*), Pressive headache; boring toothache.—(*Rising from sitting*), Stitches into the bones.—(*Scratching*), Sticking, etc., in skin.—(*Sitting up in bed*), Nightly pains.—(*After supper*), Pains gradually disappear; eructations, etc.—(*Tossing about in bed*), Pains in limbs.—(*Walking*), Symptoms in limbs; pressure in frontal protuberances; weariness in limbs; sensation in legs; symptoms in knees.—(*Warm applications*), Nightly pains.—(*Clearing weather*), Bruised pains.

CHELIDONIUM MAJUS.

Chelidonium majus, Linn. *Nat. order*, Papaveraceæ. *Common names*, Celandine; (Germ.), Schellkraut; (French), la ficaire commune.

Preparation, Tincture of the whole plant when in flower.

Authorities. 1, Hahnemann, R. A. M. L., 4, 263; 2, Becher, *ibid.*; 3, Gross, *ibid.*; 4, Hartmann, *ibid.*; 5, Herrmann, *ibid.*; 6, Langhammer, *ibid.*; 7, Meyer, *ibid.*; 8, Teuthorn, *ibid.*; 9, Walther, *ibid.*; 10, Horn's Archive, *ibid.* (not obtainable, Hughes); 11, Wendt, Hufeland's Journ., xvi, 2, case 3, *ibid.* (see symptom 1193, Hughes); 12, Schonke, Prakt. Mitth. Hom. Aetz. (from Buchmann's résumé, and H. and T., iii); 13, N-g, provings "from the root," Hartlaub and Trinks, R. Arz., i and iii; 14, Liedbeck, A. H. Z., 45, 26, provings with expressed juice of plant above root, and with repeated doses of tincture, 50 to 200 drops; 15, O. Buchman's provings, self took 10 drops of tincture first day, 30 drops second day, A. H. Z., 70, 83; 16, same took 90 drops tincture, *ibid.*; 17, same prover took tincture, 2 to 10 drops, first, second, third, eighth, and tenth days; 18, same, chewed a leaf, and afterward the root; 19, same, another proving with 5 drops of tincture, *ibid.*; 20, same, experiment from rubbing the fresh tincture into the eye, *ibid.*; 21, O. B.'s wife, first proving 30 drops tincture, *ibid.*; 22, same, second proving, 90 drops; 23, same, third proving, repeated doses of 2 drops tincture; 24, same, proving with 6th dil.; 25, same, proving with 5 drops tincture; 26, same, chewed leaf; 27, Adolphus B., aged 7, took a teaspoonful of a solution of 10 drops of tincture in a glass of water, afterwards took 2, and again 4 drops of tincture, *ibid.*; 28, Rein-

hardt B., aged 9 months, took the 6th dil., *ibid.*; 29, same, second proving, *ibid.*; 30, Minnie Kranke, aged 20, took 60 drops tincture, and afterward 90 drops tincture, *ibid.*; 31, Heilgehelfe L., aged 45, took 90 drops tincture, *ibid.*; 32, Pastor G., aged 52, took tincture, first day, 20 drops, second day, 30 drops, third day, 40 drops, fourth day, 50 drops, sixth day, 10 drops, seventh day, 5 drops, ninth day, 2 drops, *ibid.*; 33, Pastor H., aged 52, took 90 drops tincture, *ibid.*; 34, Augusta H., aged 50, took 90 drops tincture, *ibid.*; 34*b*, same person took teaspoonful of 10 drops in a glass of water, every two hours, *ibid.*; 34*c*, same prover took tincture daily, increasing from 5 to 35 drops, *ibid.*; 35, Gastwirth K., aged 40, took tincture daily, increasing from 5 to 20 drops, afterward daily 15 to 25 drops, *ibid.*; 36, Hs. took 100 drops tincture, *ibid.*; 36*b*, same person took 6 drops morning and evening, *ibid.*; 37, S., aged 35, took, at first, a teaspoonful of tincture, afterward daily repeated doses of 2 to 8 drops, *ibid.*; 38, Sec. P., aged 34, took at first a teaspoonful of tincture, afterward 60 and 100 drops, then daily doses of from 6 to 20 drops, *ibid.*; 39, Sec. R., aged 54, took tincture, 10 to 40 drops, repeated daily, *ibid.*; 40, Sec. R.'s wife, took first dil., *ibid.*; 41, Theo. Wish, aged 44, took, first day, 100 drops tincture, fourth day, 100 drops, twelfth day, 40 drops, fourteenth day, 80 drops, *ibid.*; 42, Mrs. G., aged 39, took repeated small doses of tincture, *ibid.*; 43, Mrs. M., took 12 drachms of tincture at one dose, *ibid.*; 44, (omitted); 45, Mr. A., proving with 6th dil., repeated doses, Teste's provings, *Systemat.*, p. 405; 46, Mad. A., provings as last, *ibid.*; 47, Mlle. R., provings as last, *ibid.*; 48, Mad. X., provings as last, *ibid.*; 49, Schneller, provings with daily increasing doses of tincture, 5 to 140 drops (*Allop. Soc. physicians in Vienna*), from Br. J. of Hom., 6, 270; 50, same, provings with the extract, 10 to 100 grains, *ibid.*; 51, Twelve members of last society took extract, doses 2 grs. to 4 drachms a day, *ibid.*; 52, Eleven members took tincture, 5 to 200 drops at a dose, *ibid.*; 53, Berridge, a patient, took the 200th dil., *N. Am. J. of Hom.*, 5, 380 (omitted).

Mind. — **Emotional.** Intoxication, with vertigo (after five minutes),¹⁶.—Condition similar to that of intoxication (after a few minutes),^{34a}.—Fancies during a half sleep, without sense or connection, in the evening,³⁵.—Excited mood,^{37a}.—Very excited mood, with anger and fretfulness for the first three days,⁴³.—Excited and uneasy,³⁷.—Exhilaration,⁶.†—Great inclination to talk too much in company (second day),³³.—Disinclination to speak,^{36b}.—[10.] Silent mood,³⁹.—Crying the whole night, especially when taken hold of (first night),²⁸.—Frequent crying out in the night (third night),²⁹.—Frequent crying in the night without waking (first night),²⁹.—Frequent crying when taken up and carried (third night),²⁹.—Lively mood,⁴².—Lively mood (second day),³³.—Lively mood (tenth day),¹⁷.—Uncommonly lively mood,¹².—Mind calm and serene throughout the proving, excepting while the chest symptoms lasted,⁴⁵.—[20.] All day, great tranquillity of mind, and even gaiety, *despite some unpleasant preoccupations* (curative effect?), (second day),⁴⁵.—*Remarkable serenity of mind* (first day),⁴⁶.—Remarkable serenity of mind (on waking in the morning), (third day),⁴⁶.—Sad mood (second day),³⁰.—Sad mood; she fears that she has ruined her health by the proving (ninth day),²⁴.—Sadness, even to weeping, and despondency about the present and future,⁹.—Dejection (seventh day),⁴⁵.—Extremely depressed; full of sad thoughts about the present and future, even to weeping; he had no rest of any kind,⁷.—**Anxiety* (second day),³⁰.—Anxiety,

lasting till evening (one hour after 30 drops),³⁵.—[30.] Waking, with anxiety, at 4 A.M. (second day),³⁰.—Anxiety after rising (third day),³⁰.—Anxiety in the evening (second day),³⁰.—Anxiety at every slight noise,³⁵.—Anxiety and oppression (soon),¹⁹.—Anxiety and uneasiness,⁴².—Anxiety, uneasiness (second morning),²².—Anxiety and uneasiness, with palpitation,⁴².—Anxiety, with great palpitation, lasting ten minutes, during which time she was obliged to sit down (after two hours),²⁴.—Anxiety, so that she was obliged to loosen the clothes about the chest, lasting half an hour (fourteenth day),²⁵.—[40.] Anxiety, trembling (third day),²⁴.—6 P.M., anxiety, with trembling of the limbs (fourth day),⁴⁵.—Anxiety, and trembling in the hands (after ten minutes),⁴².—Anxiety and fear of death, with desire to eructate, which he cannot do, at night,^{36b}.—Great anxiety (after one hour),³⁰; (fourth day),⁴⁵.—Great anxiety and depression,⁴².—Great anxiety, and twitching in all the limbs (after one hour),³⁵.—Great anxiety, with constriction in the chest (after three hours),³¹.—Great sudden anxiety, with palpitation of the heart,²³.—Attacks of anxiety in the room, with sensation as if sweat would break out on the forehead (fifth day),²².—[50.] Attacks of anxiety, with nausea and retching (after six hours),²².—Anxious about death and being a soldier, at night,³⁵.—Uneasy mood; she could willingly die (third day),²⁴.—Becomes frightened at the slightest noise, as if he had not a good conscience,³⁵.—Fear that pneumonia is coming on (fourth day),⁴⁵.—Mood very irritable, daily outbreaks of anger without cause; feels as though she could beat the children, and trembles from rage because she has no reason for doing it (seventeenth day),²³.—He is not in good humor; he does not feel well, although he does not know what is the matter (after half an hour),¹³.—Out of humor and fretful, in the afternoon,³⁶.—Ill-humored about every trifle,³⁵.—Ill-humored, and constantly dissatisfied with my surroundings,³⁵.—[60.] Fretful,³⁵.—Fretful on waking, with red spots alternately on both cheeks (third day),²⁹.—Fretful, peevish mood,^{35 39}.—Fretful mood, with inclination to weep (sixth day),²².—Inclined to be fretful and angry,³⁹.—Fretful, depressed, anxious, as if I had committed some evil, which gave me no rest,⁴².—Morose and fretful,³⁹.—Sulky mood (second day),⁴⁶.—Obstinacy,³⁵.—Apathy (third day),⁴⁶.—[70.] Extreme and constant apathy,⁴⁵.—*Intellectual*. Thought difficult,³⁹.—Thinking generally difficult,⁴³.—Very difficult thinking,³⁹.—It seems as though she could not think, and would lose her reason (after three hours),²².—Confusion of ideas, as when half-asleep, without chilliness, or increased heat of surface, or any other disagreeable feeling. This condition passes off spontaneously in about three hours, leaving only the dull pain in the lumbar region, which continues till night; lachrymation in the open air, without any other sensation in the eyes; and finally, but only now and then, some itching and a slight smarting at the orifice of the urethra, as if from constant urging to urinate, which, however, was not felt (after six hours),⁴⁵.—Very forgetful as to what she was to do or had done,⁴³.—On going into another room to get a book, he had to stop and think several minutes for what purpose he had come (second day),¹⁶.—Absence of mind; I forgot to put on my stockings; when shaving, rose from my chair before I had shaved my lips and chin (third day),¹⁷.—Feeling as if stupefied (first day),²¹.—[80.] Stupefaction at night,²⁴.—(The senses vanish),¹.—Rubbing the soles of the feet restored her to consciousness; but she did not feel the rubbing; continued rubbing of the soles relieved the headache (after seven hours),²².

Head.—*Confusion and Vertigo.* *Confusion of the head,*^{37 38}, etc.; (a few minutes),^{34b}; (after ten minutes),^{3 33}; (after ten minutes after 5

drops),¹⁷; (fourth day),^{34c}; (sixth and seventh days),³².—Confusion of the head, especially of the forehead (after some hours),⁴¹.—Confusion of the head, as after alcoholic stimulants (after five minutes),¹⁶.—Confusion of the head, with sensation of pain about the forehead (sixth day),²⁵.—Confusion of the head, more in the left side of the forehead, extending to the occipital protuberance,³⁹.—Awoke from the midday nap with confusion and heat of the head (fifth day),²⁰.—Confusion of the head and vertigo, in the afternoon (second day),²³.—[90.] Confusion at night on frequent waking, with heaviness in the occiput; if she attempts to rise, the occiput seems fastened to the pillow,²³.—Slight confusion of head (70 to 100 grains),⁵⁰.—Slight confusion of the head, which is worse towards evening, with a sensation as if there were a lump in the brain,³⁹.—Slight confusion of the upper part of the head,³⁹.—Cloudiness and pain in head,⁵².—**Vertigo* (after a quarter of an hour),³¹; (second day),^{33 34c}; (third day),²⁴; (sixth day),³².—Vertigo, as if he had turned around rapidly several times,²⁷.—Vertigo, as if everything were turning in a circle, when closing the eyes (fifth day),²⁵.—Vertigo, on sitting up in bed,⁴⁷.—Vertigo, tendency to fall forward, on rising from bed,³⁹.—[100.] At 6.30 P.M., immediately after dining with a good appetite, some vertigo, followed by a return of the chest symptoms (fourth day),⁴⁵.—Vertigo, with inclination to fall forward (after two hours),⁴⁰.—Vertigo, and reeling (after ten minutes),¹⁸.—Vertigo, and dizziness (after half an hour),²⁵.—Vertigo and nausea,³⁹.—Vertigo and nausea, with collection of water in the mouth, on rising (seventh day),²⁴.—Vertigo, as from drunkenness, with nausea, from 6 to 9 P.M., with warm sweat on the throat and chest, with internal and external heat, without thirst, with regular pulse,³⁹.—Vertigo, with sensation of faintness (third day),²⁶.—Vertigo, together with shivering in the upper part of the body; consciousness vanishes for the moment; it seems as though he were turning in a circle (after one hour and a half),¹³.—Slight vertigo,⁵².—[110.] Dizziness (tenth day),²⁵.—Dizziness of the head,²⁷; (after one hour),⁴⁰.—Dizzy and confused in the head (a few minutes),^{34a}.—Dizzy and confused, after rising in the morning,²³.—Dizziness and tension in the upper part of the head, especially in the vertex, which is sore to touch, aggravated by reflecting,³⁹.—Reeling, as if she would fall forward, without vertigo (tenth day),²⁵.—**General Head.** Trembling of the head and hands (after four hours),⁴⁵.—On lying down, she was unable to raise the head, she was obliged to lift it with the hands, in the evening (first day),²¹.—Rush of blood to the head,³⁷; (after five minutes),¹⁸.—Rush of blood to the head, lasting several hours,³⁸.—[120.] Rush of blood to the head, throat, and upper part of the chest,⁴⁷.—Heaviness of the head,^{36b}; (after five minutes),¹⁶.—Heaviness of the head, especially of the forehead, as if the brain would fall out there (after two hours),³⁵.—Heaviness of the head, in the morning (second day),²².—Heaviness of the head, on waking (fourth day),¹⁶.—Heaviness in the whole head,³⁹.—Heaviness of the head, with stitches in it here and there,⁴².—Heaviness seems to be seated in the middle of the head,³⁹.—**Heaviness in the head, extending to the right side of the head, whence a rheumatic drawing extends into the right side of the neck, then through the arm into the wrist, affecting both of the injured fingers; this rheumatic drawing also affects the whole right side of the chest, but does not involve the lung, but seems to be seated in the flesh; is not aggravated by breathing.*³⁹.—Dull, confused heaviness of the head, in the morning,³⁹.—[130.] Pressive heaviness in the head, as if it were tightly bound up,³⁹.—Dull head from 3 to 3½ P.M., as yesterday; pulse 110 to 120; this fever lasted half an hour, and disappeared suddenly (second day),³⁷.—

Pain in the head,²⁷.—Pains in the head, as after intoxication,^{36b}.—Dull pain and heaviness in the head, the whole day,³⁷.—Headache (third day),¹⁶; (fifth day),^{34c}.—Headache became violent in the afternoon, and extended to the occiput,^{36b}.—Headache towards evening (first day),^{34c}.—Headache on rising (third day),³⁰.—Headache at night, with violent pains in the left temporal region (seventh night),²⁴.—[140.] Headache, on coming from the open air into the room, in the forenoon (after three hours),¹³.—Relief of the headache on waking from a nap in the evening,²³.—Headache, relieved somewhat by closing the eyes (after three hours),²².—Slight headache,⁴².—Severe headache on rising, disappearing after breakfast (second day),^{34c}.—Violent headache, with throbbing in both temples, lasting two hours (half an hour after 30 drops),³⁵.—Dull headache,³⁸.—Dull headache, lasting till going to sleep in the evening,³⁸.—Dull headache, with chilliness, towards evening (first day),³³.—Contractive headache,¹.—[150.] Dragging in the cerebrum, as if there were not room for it in the skull, and it would press outward through the ear, in which there is a noise as of a distant waterfall,⁹.—Pressive headache,^{36b}.—Pressive headache, in the afternoon (fifth day),²⁴.—Pressive headache in the whole head, in the evening (sixth day),¹⁶.—Pressive headache pressing from within outward, especially towards the forehead, aggravated by the open air, by coughing, blowing the nose, or by stooping, but not while eating, lasting the whole day,⁴.—Severe pressive headache towards noon (second day),^{34c}.—Pressure in the brain (after half an hour),¹⁸.—Pressure in the brain an hour and a half after breakfast (second day),^{34c}.—Dull pressure towards the middle of the head,³⁹.—Sticking pain in the head and shoulders,⁴².—[160.] Stitches in the head, while coughing,⁴².—Twitches here and there in the head, with headache,⁴².—Sticking-tearing here and there in the head; it does not remain long in one place (after three hours),⁴⁰.—Violent throbbing in the arteries, and violent pains extending over the head from one ear to the other, with photophobia (after three hours),²².—Repeated attacks of violent, throbbing pain, extending from the neck to the forehead and occiput,³⁸.—Waving sensation in the brain,³⁹.—Waving in the brain, and heaviness in the forehead and top of the head, extending to the temples, and very unpleasant, after drinking white beer,³⁹.—**Forehead.** Heaviness of the forehead (one hour after 200 drops),¹⁴; (after eight hours and three-quarters),⁴⁶.—About 4.30 P.M., heaviness in the forehead (fourth day),⁴⁵.—Dizzy heaviness in the forehead,³⁹.—[170.] Pains in the forehead,²⁷.—Pain in forehead, as if the brain would fall out, on stooping in the afternoon (third day),¹³.—Pain in the forehead, like the pain sometimes felt in consequence of a very hard stool (after 150 drops),¹⁴.—Pain in the forehead, at the root of the nose, in the morning,^{36b}.—Pain in the right side of the forehead,³⁶.—Pain in the right side of the forehead, as from a blow, lasting only a short time (second day),³⁶.—Pain in the right side of the forehead, and afterwards dull pain all over the forehead,³⁸.—Pain in the forehead over the right eye, extending up to the occiput, and disappearing after half an hour (after three hours),³⁷.—Headache in forehead,³¹.—Headache in the forehead, extending into the nasal bones,^{36b}.—[180.] Headache in the forehead, with sticking in the left side of the forehead, towards evening (after five days),⁴¹.—Dull pains in the forehead,^{36b}.—Dull pain in the left frontal region, lasting from afternoon till going to sleep in the evening,^{36b}.—Violent dull pains in the forehead,³⁸.—Dull headache in the forehead,^{36b} ³⁸.—Dull frontal headache, the whole day (fourth day),¹⁶.—It seems as though the forehead were screwed together from both sides (after two hours and a half),¹⁹.—Sensation of transient drawing be-

neath the frontal bones (after a quarter of an hour),³.—Pressure in the forehead (after half an hour),²⁰.—Pressure over the whole forehead (after one hour and a half),¹³.—[190.] Pressure and heaviness in the forehead (after two hours), and recurring periodically afterwards (after 150 drops),¹⁴.—Pressure in the forehead and temples, extending to the neck,³⁹.—Pressure in the frontal and temporal regions, as from a band about the anterior lobes of the cerebrum,¹⁶.—Pressure in the forehead and temples, especially in the left,³⁸.—**Pressure in the forehead extends to the orbits, which are painful as if sore, on moving the eyes*,³⁹.—Pressure in the forehead, extending towards both temples, and after two hours to the occiput also,³⁹.—Pressure in the forehead and occiput (two hours after 100 drops),¹⁴; (ninth day),³².—Pressive pain in the forehead (half an hour after 30 drops),¹⁴.—Pressive pain in the forehead and occiput, till evening (first day),³⁰.—Pressive pain in the forehead, extending to the parietal bone, in the evening (fourteenth day),¹⁶.—[200.] **Pressive pain in the right side of the forehead*, lasting a short time (after two hours),^{12 13}.—Pressive frontal and occipital headache (20 to 50 drops),⁴⁹.—Pressive headache in the upper part of the frontal bone (fourteenth day),¹⁶.—Pressive-tensive headache across the forehead (fourteenth day),¹⁶.—Pressive headache in the forehead and occiput, at 4 A.M. (third day),³⁰.—**Tensive pain in the forehead, as from a band above the eyes*,²³.—**Headache in the forehead, as from a band, after rising, lasting till towards noon (thirteenth day)*,²⁵.—**Sensation as of a band about the forehead and temples, just above the eyebrows, and as if the head were compressed thereby (after half an hour)*,²⁵.—**Sensation in the forehead and temples, as from a band, lasting till noon, returning again at 7 P.M. (tenth day)*,²⁵.—[210.] **The sensation of a band across the forehead is relieved on closing the eyes (fourteenth day)*,²⁵.—Sticking in the forehead under the skin,³⁸.—Dull continued sticking in the middle of the forehead (after a quarter of an hour),¹³.—Itching-sticking in a small spot in the middle of the forehead (first day),¹⁸.—Sticking pains in the forehead,³⁷.—Sticking pain in the right side of the forehead,³⁷.—Stitches in the frontal bone just above the eye, afterwards in the left side of the occiput,³⁷.—Stitches in the head above the left eye, with twitchings in the lids,⁴².—Dull drawing stitches, extending transversely across the whole forehead,⁶.—Violent tearing stitches in the left frontal eminence (after three hours and a half),⁴.—[220.] Tearing in the middle of the forehead, extending backward over the skull, disappearing upon pressure, at noon after dinner,¹⁵.—Tearing in the forehead above the right eye (after a quarter of an hour),¹⁸.—Tearing pain in the forehead above the left eye, extending into the eye, into the lids, and root of the nose (after a quarter of an hour),³⁰.—Tearing pain in the forehead, in the afternoon,³⁸.—**Temples.** Twitches in the left temple,⁴².—Pain extending up the temples,³².—**Pain in the temporal bone behind the ear (after one hour)*,¹⁶.—Pains in the temples, especially severe drawing pains, so that the whole head becomes confused (after one hour),³¹.—Dull pains in the temples,³⁷.—Drawing in the temples (after two hours),³¹.—[230.] Violent drawing pains from the vertex to the right temple, so that I was obliged to go to bed at 8 P.M.,³⁷.—Pressure in the temples,³⁷.—Pressure in the temples, in the evening (fifth day),³⁷.—**Pressure in the posterior portion of the right temporal bone (after half an hour)*,¹⁵.—Dull pressure in the right temple, extending to the vertex,³⁷.—Pressive pains in both temples,³⁸.—Pressive pain in the right temporal region, with stoppage of the right nostril (after six hours),⁷.—**Pressive pain in the right temple, right parietal bone, and at last over the right eye*,³⁷.—Pressive pain in the region of the squamous portion of the

temporal bone,^{36b}.—Sensation of compression of the temples (after two hours),²¹.—[240.] An unpleasant sensation in the left temple, as if the blood stagnated in it, which caused a dull sticking pain in this place (after half an hour),⁹.—Sharp neuralgic pain in right temple (before taking), (fourth day),⁴⁶.—Frequent stitches and jerking pains in the left temple (after three hours),²².—Pressive stitching in the right temple (in bed), ceasing when he lies on the affected part, reappearing when he turns over on the other side, and going off altogether in half an hour (third day),⁴⁵.—Tearing in the temples,²⁷.—Tearing pain in the right temple, worse when touched (soon),²⁷.—Tearing in the right temple and eye, afterwards in the left eye, extending to the left temple,²⁷.—Severe tearing in both temples,³⁸.—Throbbing pain in the temples (thirteenth day),²².—Throbbing in the temporal arteries, with headache,³⁷.—[250.] Violent throbbing in both temples (after one hour),³⁵.—At night in bed, before going to sleep, beating in both temples isochronous with the pulse, and at the same time a sensation as if the blood was rushing violently to the throat and top of the chest (first day),⁴⁵.—Dull headache, with throbbing synchronous with the pulse, in the right temple, as if the vessels were overdilated with blood (after two hours),⁸.—*Vertex*. Tensive heaviness in the upper half of the head, extending into the occipital protuberance, with a sensation as if the head were encircled by a band,³⁹.—Dizzy heaviness on the top of the head in the morning, and sensation as if a band were around the head,³⁹.—Headache in the vertex and left temple,⁴³.—Violent headache in the vertex and left temple at various times; the headache was so severe that at times she could not think,⁴³.—Occasional drawing pains from the vertex to the nape of the neck, with involuntary shrugging of the shoulders, closing of the eyes; when walking she is obliged to tread softly,⁴².—Pressure upon the vertex,^{36b 42}.—Pressure on the top of the head, extending to the right side of the forehead and to the left side of the occiput,³⁹.—[260.] Dull pressure on the vertex,⁴².—Pressing sensation in the upper part of the head,³⁹.—Sticking, pressive headache in the vertex, paroxysmal, especially when walking rapidly,¹.—Sticking in the left side of the vertex, intermitting, and returning at short intervals,⁴⁰.—Constant sticking and boring pain in the vertex, with twitching in the lids,⁴².—The tearing headache transversely across the vertex became intolerable, causing tears (after seven hours),²².—Sensitiveness of the vertex,³⁹.—Painfulness of the vertex to touch (after one hour),⁴⁰.—Bruised sensation in the vertex and occiput,³⁹.—Jerks and stitches in a small spot on the vertex are worse to-day; she cannot touch the spot without causing the most violent pain (third day),²⁴.—*Parietals*. [270.] Pain in the anterior portion of the parietal bone, after supper (second evening),¹⁶.—Tensive sensation on the right side of the head, extending from the right temple into the right half of the forehead,³⁹.—Sticking pain in the right parietal bone,³⁷.—Sticking pain in the left parietal bone,³⁷.—Paralytic sticking pain in the left parietal bone (first day),¹⁸.—Stitch in the parietal bone (soon),¹⁹.—Some sharp stitches in the upper part of the left parietal bone, in the afternoon (first day),¹³.—*Occiput*. Congestion of blood to the occiput,³⁷.—**Heaviness in the occiput* (after twenty minutes),²¹.—**Great heaviness in the occiput, with drawings in the neck from above downward*,³⁹.—[280.] **Occiput feels heavy, as if it could not be raised from the pillow, at night*,²⁴.—At night on waking, she can raise the head only with difficulty, on account of heaviness in the occiput (first night),²⁴.—On raising the head, a sensation as if the head moved forward, while the occiput remained lying held firmly by the neck; this sensation was noticed several

times during the night on waking (first day),²¹.—Pain in the occiput,³⁷; (first night),²².—Pain in the occiput, with a sensation as though the head would be drawn backward (second day),²³.—Violent pains in the occiput appear after the pains in the knee have disappeared, at 11 P.M. (first day),²¹.—Pains in the occiput more violent than during the first proving (after ten minutes),²².—Headache in the occiput from morning till noon (thirteenth day),²².—**Tensive sensation in the back of the head on the right side*,³⁷.—Drawing through the left side of the occiput (first day),¹⁷.—[290.] Drawing pain in the occiput (sixth and fourteenth days),¹⁶.—Drawing pain in the occiput, with anxiety in the chest, without appetite for dinner (sixth day),²².—Drawing pain in the right side of the occiput, and after ten minutes again in the right testicle,³⁷.—**Pressive drawing pain on the left side of the occiput*, and also above the mastoid process of the same side (first day),¹⁸.—Pressure in the occiput,¹⁹; (twentieth day),¹⁷.—Pressure in the occiput, with drawing pain in the muscles of the left side of the occiput, extending towards the neck (after half an hour),¹⁸.—Pressure in the occiput, and chilliness at night, wake her,²⁴.—Dull pressure and heaviness in the occiput (first day),²¹.—Pressive pain in the occiput,³⁷.—Pressive pain in the occiput, lasting a quarter of an hour (eighth day),¹⁶.—[300.] Pressive pain in the occiput, extending around to the forehead (after six hours),¹⁶.—Stitches in the right side of the occiput,⁴².—Pinching stitches in the right side of the occiput (after one hour and a half),⁴.—Pinching stitches in the left side of the occiput, as if external, neither increased nor diminished by pressure (after seven hours),⁴.—**Drawing, pressing-like stitches, extending from the left side of the occiput to the forehead* (after half an hour),⁴.—Tearing in the left side of the occiput above the ear, extending forward,³⁸.—Tearing pain in the right side of the occiput, with long severe stitches extending forward (after fifteen hours and a half),⁴.—Occiput painful to touch, as if it were broken loose from the rest of the skull, in the evening (first day),²¹.—**External Head.** Hair dryer than usual (thirteenth day),²².—The hair becomes matted for four fingers' breadth behind the right ear (thirteenth day),²².—[310.] Hair falls out,³⁷ ⁴².—Constant falling out of the hair,⁴².—The hair on the occiput falls out daily,²².—The hair on the occiput falls out very freely while combing it (seventh day),²².—Sensation as if the hairs were standing up, two inches above the forehead and on the occiput (after half an hour),³⁷.—Pain in the roots of the hair,³⁹.—Pain in the roots of the hair on combing, as if ulcerating,³⁹.—Sensation as though the skin were drawn together on the forehead above the left eye; burning in this place; on rubbing there follows a sensation as if one were pressing on the spot (first day),¹⁷.†—Scalp is sore, hot to touch, with heat on top of the head,³⁹.—Soreness of the upper part of the scalp, with heat on the top,³⁹.—[320.] Crawling on the whole scalp, disappearing on scratching (after one hour and a quarter),¹³.—Crawling in a place of the size of the palm on the right side of the head (after three-quarters of an hour),¹³.—Crawling on the right side of the head, relieved by rubbing (after two hours),¹³.—Crawling in the upper half of the left side of the head, not relieved by scratching, at 2 P.M.,¹³.—Itching on the right frontal eminence, relieved by scratching, after supper,¹³.—Itching on the right temple, relieved by scratching, but returning (after one hour),¹³.—Itching on the left frontal eminence, relieved by scratching (after three-quarters of an hour),¹³.—Itching on the right temple, relieved after scratching (after three-quarters of an hour),¹³.

† He had previously received a violent blow at this point.

—Itching on the occiput (fourteenth day),¹⁶.—Itching in the occiput, disappearing on scratching, and returning at 1 P.M.,¹³.—[330.] Itching on the right side of the occiput, relieved by scratching, at 5 P.M.,¹³.

Eye.—On waking in morning, the eyes are swollen, and the lids agglutinated by dried gum (third day).—Heaviness in the eyes (after two hours),³⁵.—Sensation as of sand in the eyes, with lachrymation, in the forenoon,^{36b}.—Sensation as of sand in the eyes,^{34b 39}.—A sensation as if a grain of sand were in the left eye, at 7 P.M., lasting a long time,¹³.—Sensation as of sand in the eyes, less noticed on closing the eyes (after one hour),^{34a}.—Pains in the eyes, aggravated by lamplight (second day),²⁴.—Burning of the eyes and cheeks, in the morning on waking,⁴².—Sensation of heat in the left eye, with sticking in the canthus (after half an hour),¹⁹.—[340.] Burning in the eyes (after twenty minutes),²¹; (sixth day),²⁵.—Burning in the eyes and forehead,³⁷.—Burning in the eyes, lasting an hour (second day),³⁷.—Burning in the eyes the whole day,³⁷.—Burning in the right eye,³⁷.—Burning pain in the left eye, in the morning on waking, which gradually disappears on rising (second day).²⁴.—Spasmodic pain in the right eye,³⁷.—Pains in the eyes, as if the lids were forcibly pressed downward (after ten minutes),²².—Pressure in the eyes,^{37 42}.—Pressure in the eyes and orbits, worse on moving the eyes, with sleepiness, as after a wakeful night,³⁹.—[350.] Pressure in the left eye (after five minutes),²⁷.—Pressure and flickering before the eyes (fifth day),^{34c}.—Pressure and pain in the eyes, on the upper part of the eyeballs, as if they would be pressed inward, more in the left than in the right eye; she keeps the eyes closed, since thereby the pain is relieved,²³.—Pressive pain over the left eye (first day),¹⁸.—Violent pressive sticking in the right eye; soon after, pressure in the left eye,³³.—Stitches in the right eye,⁴².—Sudden stitch in the left eye; with sensation as if the eye were torn out, five times in succession (after half an hour),²².—Tearing in the left eye and left temple from time to time (after ten hours),²².—Tearing in the left eye,²⁷.—**Tearing pain in and above the eyes* (fifth day),¹⁶.—[360.] Itching of the eyes (after three hours),⁴⁵.—Itching in the eyes, as after drinking liquor,³⁹.—Itching in the right eye, disappearing on rubbing, at 5 P.M.,¹³.—Itching in the left eye, disappearing on rubbing (after three-quarters of an hour),¹³.—**Brow and Orbit.** Pain above the left eye (second day),¹⁵.—**Neuralgic pain above the right eye*, especially in the evening when reading by artificial light,⁴⁸.—Drawing pain over the left eye (sixth day),¹⁶.—*Pressive pain above the left eye, which seems to press down the upper lid* (after three-quarters of an hour),⁴.—Sticking pain above the left eye (ten minutes after 5 drops),¹⁷.—Tearing pain above the left eye (after a quarter of an hour), (second day),¹⁵; (after half an hour),¹⁵.—[370.] Transient tearing over the right eye,²⁰.—Neuralgic pain over left eyebrow (after four hours),⁴⁵.—Sudden transient tearing over the left eyebrow, thence across over the right in a transverse direction (after half an hour),¹⁸.—Stitches between the eyebrows, extending into the right eye and left temple, and above the left ear,⁴².—Pressive tearing headache between the eyebrows, which presses the lids together; it disappears after eating, but returns after three-quarters of an hour (after half an hour),².—Stupefying pressure in the right orbit, extending from without inward,³.—**Lids.** Margins of the eyelids very red,³⁵.—Redness and swelling of the margin of the lower lids, with redness of the conjunctiva of the lower lids (second day),²⁴.—Twitching in the lids,^{42 21}.—Twitching and blinking of the lids, with lachrymation (after a quarter of an hour), (second day),¹⁵.—[380.] Repeated twitching and blinking of the lids (after half an hour),¹⁵.—Blinking of the lids (after

fifteen minutes),¹⁶.—Severe trembling of the right upper lid (after four hours),¹⁴.—Jerking in the left eyelid,⁴².—Clonic spasms in the eyelids; on attempting to hold them open they were forcibly closed (after half an hour),¹³.—Inclination to close the eyes and lie down, as after intoxicating drinks (after two hours),⁴⁰.—Desire to close the eyes; difficult opening of the lids, as if the upper lid were drawn downward, lasting till towards noon (eleventh day),²⁵.—The eyelids can be opened only with difficulty; they seem swollen; upon attempting to open them they feel as if there were a grain of sand in them (third day),¹⁷.—The eyes close while writing (fifth day),²⁰.—Rubbing of the upper eyelid against the ball, on moving the lid or ball (second morning),¹⁶.—[390.] Crusts of dry mucus on the lids of the right eye (second day),²⁹.—Eyes agglutinated with dry mucus (third day),²⁹.—The lids of both eyes are agglutinated with dry mucus, and can be opened only with difficulty (fifth day),¹⁶.—Both eyes agglutinated with dry mucus, the left worse (second morning),²⁸.—The eyes are agglutinated in the morning, and foggy, so that he cannot rightly distinguish objects until he has washed himself (second morning),¹³.—The left eye was agglutinated with mucus in the morning (third day),²³.—Heaviness of the eyelids (fourth day),^{34c}.—Heaviness of the lids; they rub against the eyeball (eighth day),¹⁶.—Heaviness of the lids; it seems as though they would not open well, as with sleepiness (after one hour),¹³.—Pain just above the left lid (fourteenth day),¹⁶.—[400.] Pain in the lids, with lachrymation,³⁷.—Burning in the lids (after a quarter of an hour), (second day),¹⁵; (seventh day),¹⁶.—Burning of the lids, with watery eyes,³⁷.—Burning in the eyelids and about the eyes, after a slight rubbing,³⁹.—Burning in the eyelids, with heat and redness of the face,⁴².—Burning in the eyelids and pressive pain in the eyeballs, as if they would be pressed into the head, worse in the left, in the morning after rising (second day),²⁴.—Burning in the lids of the left eye, lasting till going to sleep (first day),¹³.—Burning in the lower lids,³⁷.—Burning in the left upper lid (third day),¹⁷.—Burning in the margin of the left upper lid (third day),¹⁷.—[410.] Sensation as if the eyelids were swollen, with sand in the eyes (first day),¹³.—Pressure in the eyelids (seventh day),³²; (fifteenth day),¹⁶.—Pressure in the eyelids, at night on waking (tenth day),¹⁷.—Pressure in the upper lids (second morning),¹⁶.—Pressure on the right upper lid,⁵.—Pressive pain in the left upper lid (third day),²⁰.—Sticking in the left eyelid,³⁸.—Sudden transient sticking in the right upper lid,³⁸.—Stitches in the inner side of the right eyelids,³⁷.—Stitches on the inner side of the left lower lid,³⁷.—[420.] Itching of the margins of the lids,³⁹.—Burning-itching in the lids, in the morning on waking (ninth day),¹⁷.—Sticking-burning in the left external canthus (after one hour and a quarter),¹³.—Sticking and burning, as from sand in the inner canthus of the left eye, lasting more than two weeks; the inner angle of the eye was red and inflamed, with sensation of great heat in it; even after two weeks it was still weak and watery,⁴³.—Jerking dull sticking in the right inner canthus, disappearing on rubbing, but frequently returning (after half an hour),¹³.—Itching-sticking in the inner canthus,¹⁸.—Itching in the left inner canthus, all day (sixth day),¹⁶.—**Lachrymal Apparatus.** **Lachrymation* (after 100 drops),¹⁴; (after half an hour),¹⁵; (sixth day),³².—Frequent lachrymation (second day),²⁴.—Lachrymation in the open air (after three hours),⁴⁵.—**Conjunctiva.** [430.] Great redness of the conjunctiva of the lower lid (third day),¹³.—***Whites of the eyes dirty yellow,**³⁵.—***The white of the eye is of a dirty yellow color** (fifth day),¹⁶.—**Ball.** **Aching in the eyeballs on looking up,*³⁰.—**Slight aching in the eyeballs, on*

moving the eyes,³⁹.—Pressure in the eyeballs (seventh day),¹⁶.—Violent pres-
sive pain in the left eye, in the middle of the eyeball, which seems to be
so large that the upper lid would not cover it; relieved on closing the eye,
in the evening (second day),²⁴.—(Tickling-itching in the right eyeball),¹.—
Pupil. Contracted pupils (immediately),².—Contraction of the pupils,
immediately after taking it; they, however, dilated to their natural size
after an hour,⁸.—**Vision**. [440.] **Dimness of vision*,³⁹.—Dimness and
weakness of sight,⁵¹.—Morning on waking, sight is dim, as through a mist,
especially in the right eye (fourth day),⁴⁶.—Letters seem less distinct than
usual when writing, as if the lamp were burning dimly (third day),¹⁷.—
Letters run together while reading (after two hours),⁵⁵.—Letters run to-
gether while writing (seventh day),¹⁶.—When writing, the letters seem to
run together (fourteenth day),¹⁶.—Letters run together while he is writing;
can be more easily seen at a great distance from the eye (after fifteen mi-
nutes),¹⁶.—Flickering before the eyes,^{34b 37}; (second and fourth days),^{34c}.—
Flickering before the eyes, which rendered vision indistinct,³⁵.—[450.]
Flickering before the eyes, with dimness of vision,⁴².—Flickering before
the eyes, with vertigo, lasting over a quarter of an hour,³⁸.—Flickering
before the eyes, lasting three hours, followed by diarrhoea-like stool,³⁵.—
Bright, flickering point before the eyes during the anxiety; she was un-
able to clearly distinguish objects (after six hours),²².—Glittering points
before the eyes, with transient obscuration of vision, so that it became black
before the eyes,³⁵.—**A blinding spot seems to be before the eyes, and if he
looks at it the eye waters*,¹.—A kind of glare before the right eye, so that
she can hardly read,⁴⁸.—Cloudiness and illusions of sight,³².—It becomes
black before the eyes, with a sensation as if she would faint,²⁵.

Ear.—**External**. Thick earwax, whitish like mush,³⁷.—[460.] Pain
above both ears, worse on the right side,²⁷.—Pain above the left ear, extend-
ing through the upper back teeth of the left side (second day),¹⁵.—Pain
above and beneath the right ear (after five minutes), (second day),¹⁵.—
**Pain behind the right ear* (soon),²⁷.—Pain behind the right ear, in the fore-
head, and vertex,³⁷.—Drawing pain behind and above the left ear, while
in bed (first day),¹⁷.—*A long-continued stitching in the right external ear,
which gradually disappears* (after three hours),⁴.—Tearing above the right
ear (second evening),³⁰.—Tearing behind the right ear,²⁷.—**Tearing from
the right cheek-bones to the ears and around the ears, extending thence to the
upper part of the occiput along the lambdoidal suture*,³⁷.—[470.] Pain in a
small spot behind the left ear, as from a slight blow (after three hours),³⁶.—
Pain as from a bruise in the lobule of the left ear, immediately followed
by burning in the right lobule, as from a glowing coal (after thirteen hours),⁷.
—**Internal**. Pain in the ears,^{34a}.—**An unpleasant sensation in both ears,
as if a wind were streaming out of them, so that he was frequently obliged to
put the finger into the ear to relieve this sensation* (after one-third of an hour,
three, and four hours),⁹.—Ears feel too full (after two hours),⁴⁰.—**Sensation
as if the ears were stopped* (after three-quarters of an hour), (second day),¹⁵.—
Sensation of stoppage of the ears, with ringing before them (first day),¹⁸.—
Both ears seem stopped,⁴²; (after twenty minutes),²¹; (after ten minutes),¹⁵.—
The left ear feels stopped (fifth day),²⁰.—Burning of the ears,³⁸.—[480.]
Burning in the left ear while the right is very cold,³⁷.—Boring pain in the
right ear,⁴².—Drawing in the left ear and left back teeth,³².—Dull pressure
in the ears (second day),³³.—Painful pressing out of the right ear, followed
by tickling in it (first day),¹³.—Stitches in the ears (second, third, and fifth
days),^{34c}.—Stitches in the right ear, extending up to the vertex, and after

a quarter of an hour into the left ear also,⁴².—Stitches in the left ear,⁴².—Stitches in the left ear, with which he hears with difficulty,²⁷.—Stitches and noise in the left ear (second day),³⁰.—[490.] Tearing in the internal ear; on attempting to relieve it by boring in with the finger ringing ensued,⁷.—Hammering sensation in the ears,⁴².—Itching in the right ear,³⁷.—Itching in the left ear,³⁷.—Pain in the left auditory meatus (after ten minutes),¹⁵.—Sensation of heat in the right meatus,¹⁸.—Drawing in the left meatus auditorius,³⁸.—Drawings from the left meatus into the left temple,³⁸.—Transient drawings in the left meatus auditorius,³⁸.—Pressure in the right meatus auditorius, with ringing,³⁷.—[500.] Intermitting tearing pressure in the right inner auditory canal (after two hours),⁵.—Sticking pain in the right external meatus auditorius (after ten hours),¹⁶.—Sticking pain in the right meatus auditorius and upper part of the forehead,³⁷.—Sticking pain in the left meatus auditorius (after half an hour),¹⁸.—Stitches in the right meatus auditorius,⁴².—Stitches in the left meatus auditorius (fourteenth and fifteenth days),¹⁶.—Tearing in the right meatus and temporal bones,³⁷.—Tearing pain in the right inner auditory canal (after three-quarters of an hour),⁵.—Itching sensation in the meatus auditorius, now in one, now in the other,³⁷.—**Hearing.** Hearing vanishes while coughing; it seems as though some one were holding the hand over the right ear, lasting a long time (after three-quarters of an hour),¹³.—[510.] Sounds in both ears, as from a distant cannonading,⁹.—Noises and ringing in the ears (first day),³⁰.—Buzzing in the ears (after twenty minutes),²¹.—Humming in the ears (after three minutes),⁴².—Ringing in the ears,³⁷ ⁵².—Ringing before the ears, like a whistling (after half an hour),⁷.—Ringing in the ears, with burning in the cheeks,⁴².—Ringing in the right ear,³⁷.—Ringing before the left ear,⁴².—Ringing in the left ear,³⁸.—[520.] Ringing in the left ear, when walking (after nine hours),⁶.—Roaring in the ears,³⁹; (fourth day),^{34c}.—Roaring in the ears, as from a strong wind (after one hour and a half),⁷.—Roaring in the ears, with difficult hearing for several weeks,³⁷.†—**Loud roaring in the ears, as from a distant storm of wind*,³⁹.—Roaring in the right ear,⁴².—Singing and ringing in the ears on closing the eyes (after three hours),²².

Nose.—**Objective.** Tip of the nose swollen and red (fifth day),^{51c}.—Trembling and twitching in the tip of the nose,¹.—Sneezing twice (after one hour and a half),¹³.—[530.] Stoppage of the nose (fifth day),^{34c}.—Stoppage of the nose ceases in the right side and continues in the left (after three-quarters of an hour),¹³.—Complete stoppage of the nose (after two hours and a half),¹³.—Fluent catarrh, with much sneezing,^{36b}.—Stopped catarrh,³⁷; (after two hours),⁶.—Stopped catarrh; he could get no air through the nose (after one hour and a half),¹³.—Fluent coryza,³⁸; (after ten minutes),²⁶; (ninth day),³².—Fluent coryza (without having taken cold),³⁷.—Fluent coryza, from morning till evening,³⁸.—Fluent coryza, lasting several days,³⁸.—[540.] Fluent coryza for two hours, with expectoration of mucus (third day),¹⁶.—Fluent coryza, with some cough, on rising up from stooping,^{36b}.—Profuse, violent coryza,³⁸.—Stopped coryza in the morning, worse in the warmth,^{36b}.—Stopped coryza in the morning on waking,^{36b}.—Watery secretion in the nose (second day),³³.—Discharge of water from the nose,⁴²; (after half an hour),²⁵.—Discharge of much water

† On this account I was obliged to suspend the proving for a long time; was obliged to take a dose of Sulphur on account of this roaring in the ears, which would not disappear of itself, after which there was profuse sweat and disappearance of the ear trouble.

in drops from the left nostril, less from the right, with burning on the outer margin of the nostrils (after fifteen minutes),²².—Thin mucus is discharged from the nose (third day),²⁹.—Much mucus in the nose, so that I was obliged to change handkerchiefs during the day,^{36b}. †—[550.] Increased discharge of mucus from the nose, and every now and then fluent coryza (fourth day),³².—Bleeding of the left nostril (ninth day),¹⁷.—Discharge of black blood with nasal mucus, on waking in the morning,³⁸.—**Subjective.** Dryness of the nose (fourth day),^{34c}.—Dryness of the nose and lips,³⁷.—Dryness of the nose and throat,³⁷.—Dryness and itching in the left nostril,³⁷.—Great dryness of the nostrils, as if stopped (third day),¹⁷.—Sensation of catarrh in the nose, with much mucus (after one-eighth of an hour),¹³.—Pains in the nasal bones,³⁷.—[560.] Pain in the nasal cartilage (after five minutes),¹⁶.—Pains in the tip of the nose, after five minutes in the forehead, and soon afterwards in the right forearm,³⁷.—Burning in the nostrils (after ten days),¹⁷.—Burning in the left nostril (after five minutes),¹⁷.—Burning in the mucous membrane of the nose towards the tip, as in catarrh (after ten minutes),¹⁵.—Tension in the right side of the nose, in the afternoon (first day),¹³.—Pressure in the root of the nose,¹⁹.—Stitches in the tip of the nose,³⁷.—Tearing in the nostrils, worse in the left,²⁷.—Soreness in the nose,⁴³.—[570.] Beating near the nose, as if a tooth would ulcerate; (she had formerly had an ulcerated tooth at this place),²².—Itching in the left nostril,³⁷.—Illusions of smell,⁵¹.—Unpleasant smell in the nose, like that of black soap (first day),³².

Face.—Objective. Sickly, suffering expression (after three hours),²².—Sickly look, with sunken eyes surrounded by blue rings,³⁹.—**Redness and flushes of heat in the face*,⁴³.—Redness of the face, and distended veins of the hands, without external heat, at 5 P.M.,¹³.—**Yellow color of the face and hands, with yellow whites of the eyes*,³⁵.—Yellow color of the face, throat, and chest, lasting more than eight days,³⁵.—[580.] ***Remarkably yellow color of the face, especially of the forehead, nose, and cheeks; the general appearance of the face is that of jaundice** (fifth day),¹⁶.—**Face grayish-yellow*, so that my sickly look causes general remark; even the hands are yellow,³⁷.—Pale face,⁸.—Pale, suffering expression (third day),²⁴.—Pale, sunken face (after three hours),²².—**Subjective.** Pain in the left side of the face, aggravated by touch; this pain increased to great severity from 6 to 8 P.M. (Nov. 17, on the appearance of chilly, windy weather); somewhat relieved by magnetic passes with the hands (thirteenth day),²².—Burning sensation here and there in the face, as if blisters would appear in these spots (thirteenth day),²⁴.—Burning in the left half of the face, which is red, swollen, and tense, as in erysipelas, even involving the left ear; the redness disappears half an hour after rising (fifth day),²⁹.—Pressive drawing in the bones of the left side of the face (second day after 100 drops),¹⁴.—**Cheeks.** Redness and heat in the cheeks,⁴².—[590.] Redness of the left cheek, gradually changing from bright red to dark red (after a quarter of an hour),²⁹.—Sharply defined dark redness of both cheeks (after three hours),²².—***The usual redness of the cheeks has a mixture of yellow, of a dark color** (fifth day),¹⁶.—Pain in the left cheek-bone,^{36b}.—**Pain in the right cheek-bones, and in the upper part of the occiput*,³⁷.—Burning, with sensation of heat, in the left cheek (after half an hour),¹⁹.—Burning pains in

† I could not have taken cold; I noticed the same catarrh during the first proving without thinking I had taken cold; previously I had never suffered from catarrh, and I am obliged to attribute these catarrhal symptoms to the medicine taken, and on account of them I stopped the proving.

the cheek-bones, extending into the eyelids (after three hours),³⁷.—**Sensation of swelling in the right cheek-bones*,³⁷.—Tensive sensation in the cheeks between the eyes and mouth,³⁷.—Drawing pain in the right malar bone,³⁷.—[600.] Pressive pain in the right cheek-bone,³⁷.—Dull pressure in the right cheek-bones, extending to the right ear, at 10 P.M.,³⁷.—Sticking and boring pains in the left cheek-bones, alternating with pains in the left upper incisors,⁴².—Prickling-sticking in the left cheek,¹⁹.—Tension, with drawing, in the left zygoma, only when lying down (after nine hours),³.—Jerking pain in the left zygoma, as if it would be torn, repeated for five minutes (after three hours),²⁵.—Pains, which became very distressing, in the right upper jaw after going to bed,^{36b}.—Constant drawing through the upper jaw and upper teeth (after fifteen minutes),¹⁶.—Violent drawing pain in the left upper jaw and cheek bones, with heat in the cheek, extending to the eye,³⁸.—Pressure in the upper jaws,³⁷.—[610.] Awoke at night on account of severe pressure in the superior maxillary bone (after 150 drops),¹⁴.—Sticking through the left upper jaw (after ten minutes),¹⁵.—**Burrowing-tearing in the antrum maxillare* (after three hours),¹.—**Lips.** Swollen lips in the evening, with peeling of the skin,⁴².—Lips dry, cracked, and crusty,³⁷.—Dry lips in the morning,⁴².—Burning in the upper lip (after a quarter of an hour),¹⁸.—Stitches in the left side of the lower lip, repeatedly,¹⁹.—**Jaws.** Dull pain in the left side of both jaws, extending towards the eye near the nose, and also in the temples (thirteenth day),²².—Burning pain in the right upper and lower jaws, which extends into the cheek, and the right half of both lips, with some stitches back and forth, frequently alternating, worse in the evening after going to sleep,^{36b}.

Mouth.—Teeth and Gums. [620.] Teeth seem too long (fourteenth day),²².—The teeth seem too long; the pain is aggravated by chewing (third day),¹⁷.—Sensation as if the left lower teeth were loose and too long (after half an hour),²².—Pains in the teeth, extending to the right temple (sixth day),¹⁶.—Pain in the left lower teeth,⁴².—Pain in a right upper tooth,³⁷.—Violent pains in all the teeth, and in both jaws, while speaking (after three hours),²².—Constant pain in the teeth, so that I was obliged to stop the proving,³⁸.—Dull pains in the teeth of the left lower jaw, when touched; they are less after three and twenty-one hours,².—Sensation of heat in the teeth (after five minutes and half an hour),¹⁸.—[630.] Toothache, aggravated toward evening, not relieved by sweat (fourth day),²⁰.—The toothache continues through the night (seventh to thirteenth night),²².—Periodic toothache,³⁸.—Toothache on the right side, lasting till evening,³⁸.—Toothache after going to sleep, involving the whole of the right side of the face,^{36b}.—Toothache, involving the whole right side of the face, jaws, lips, and cheek, aggravated by warmth, relieved for the moment by cold air and cold water,^{36b}.—Toothache in the left upper jaw,^{6 42}.—Toothache, extending over the whole left cheek, afterwards felt in the right side, and lasting all night,³⁸.—The toothache is aggravated by every motion of the mouth (fifth day),²⁰.—Toothache increases, and does not disappear at all, destroys the appetite, is worse during the night, extending to the forehead and temples, together with sensation of heat in the forehead; the pain is periodic, and extends into the left ear. The pains were so severe that I was obliged to take Arsenic 30th,³⁸.—[640.] Frequent toothache, now in the left side, now in the right, alternating with transient stitches in the left side of the chest,³⁸.—Incessant toothache the whole night,³⁸.—Violent toothache in the left side of both jaws, repeatedly returning, lasting several minutes,³⁸.—Violent toothache, especially after taking warm food; the

pains in the teeth appear periodically, are most violent on the right side, and prevent sleep during the night, with frequent tearing in the left ear and left arm,³⁸.—Drawing in the teeth (soon),^{19 42}; (after half an hour),¹⁷; (third day),^{34c}; (fifth day),^{34c}.—Painful drawing in the teeth (soon),¹⁶.—Drawing pains in teeth (70 to 140 drops),⁴⁹.—Drawing pain through all the teeth (after two minutes),¹⁶.—Drawing pain through the teeth of the upper jaw (after five minutes), (second day),¹⁵.—Drawing pain through the left upper teeth (third day),¹⁶.—[650.] Drawing pain, extending from the left ear into the left upper teeth,³⁸.—Drawing toothache, extending up into the eyes,⁴².—Dragging in the teeth,⁴².—Evening in bed, for a few moments, pressive pain in right upper teeth (second day),⁴⁵.—Sticking and boring in the teeth,⁴².—Tearing here and there in the teeth,³⁸.—Tearing in the left teeth in the afternoon; the pains extend into the left meatus,³⁸.—Tearing pain in the teeth of the left side of the lower jaw, aggravated by chewing (after two hours),²¹.—**Frequent tearing, extending from the right ear into the right teeth, in the afternoon*,³⁸.—Drawings through the upper incisors,⁴².—[660.] Drawing through the upper incisors (eighth day),¹⁷.—Drawing pain in the upper incisors,³⁷.—Drawing pain in the left upper incisors, extending thence into the upper and lower teeth of the left side (first day),¹⁷.—Drawing pain through the lower middle incisors, in the morning,³⁷.—Transient dragging in the upper incisors,³⁷.—Pain in the two last left upper back teeth, preventing chewing, the whole day (fourth day),¹⁷.—Pain in the left back teeth frequently awoke her at night (sixth night),²².—Pain in the upper back teeth of the left side, while chewing or pressing upon the gum (after half an hour),²⁰.—Severe pain in the left back teeth, at night (third day),¹⁷.—Awoke toward midnight, with violent pain in the back teeth and left upper jaw, extending to the left meatus and left arm (fourth day),²⁰.—[670.] Toothache in the two last upper back teeth of the left side, the whole day, and also waking me from sleep at night; it was uncertain whether the pain was in the upper or lower jaw; only the two upper teeth were painful to touch (fifth day),¹⁷.—Drawings in the left back teeth and cheek-bones,³⁸.—Drawing pain in the left upper and lower back teeth (after ten minutes),¹⁵.—Drawing pain through the right upper back teeth and through the two middle lower incisors (sixth day),¹⁶.—Severe sticking in some hollow back teeth of the right side,³⁸.—Sticking pain in the left back teeth (ten minutes after 5 drops),¹⁷.—Gum of left upper jaw and left half of hard palate red and swollen (fifth day),²⁰.—Swelling of the gum above the left eye-tooth, which discharged blood when it burst,⁴².—The gum-boil as large as a bean came to a head to-day, and discharged a thick yellow matter (sixth day),²⁰.—Frequent bleeding of the gum during the forenoon,³⁸.—[680.] Gum of the left side of the upper jaw very sensitive to touch (fourth day),²⁰.—*Tongue*. Tongue a little white (second day),⁴⁶.—Tongue to-day is more white than yellow (sixth day),²⁰.—Coated tongue,⁹; (third day),⁴⁶.—*White-coated tongue*,⁴⁷; (10 to 60 grains),^{50 36b 39}.—Tongue coated gray, rough,³⁷.—**Tongue coated yellow* (fourth day),²⁰.—**Tongue thickly coated yellow, with red margin, showing the imprint of the teeth* (fifth day),²⁰.—Furred tongue,⁵¹.—**Slimy tongue*,³.—[690.] **Dryness of the tongue*, throat, and lips (second day),³⁰.—Burning on the tongue giving place to a sensation as if one had taken vinegar, for a short time (after a quarter of an hour),¹⁹.—Stitches on the left side of the tip of the tongue (first day),¹⁷.—*Tongue* remained sensitive for a long time after the proving,¹⁴.—*General Mouth*. Vesicles here and there in the mouth and lips,⁴².—*Dryness in the mouth*,²⁷.—*Dryness of the mouth and throat* (second morning),²².—

Dryness, with heat, in the mouth (first day),³⁰.—Dryness of the mouth, with thirst, at 4 P.M.,¹³.—Great dryness of the mouth, so that the tongue almost clings to the palate (after one hour and a half),³¹.—[700.] Scratching and burning in mouth, gullet, and stomach,⁵¹.—Pain in the palate and gum, worse on every motion of the body (fifth day),²⁰.—*Saliva*. Saliva tough and slimy,³⁹.—*Profuse accumulation of saliva*,¹⁴.—Actual ptyalism (in one prover),⁵¹.—Increased secretion of mucus and saliva,⁵².—Increased secretion of mucus in the hot mouth (20 to 50 drops),⁴⁹.—Increased mucous or salivary secretion in mouth and fauces,⁵¹.—Much mucus in the mouth (fourth day),³².—Mouth constantly full of stringy mucus (fifth day),²⁰.—[710.] **Bitter water constantly collects in the mouth, on which account she was constantly obliged to expectorate* (after three-quarters of an hour),¹³.—Accumulation of water in the mouth,^{19 30}; (third and sixth days),²⁵; (immediately),¹³; (after five minutes),¹⁶; (after five days),²⁰.—*Taste*. Inispid taste (20 to 50 drops),⁴⁹.—Sweetish taste in the throat (first day),¹⁸.—*Pasty taste* in the mouth,^{38 31}.—Flat taste in the mouth,³⁹.—Nauseous, flat taste in the mouth, as after elder-flower tea; food, however, tasted natural,³.—Metallic, sour taste on the tongue (first day),³².—Sourish, or saltish, bitter taste,⁵¹.—Slight acid taste upon the tongue (third day),³².—[720.] **Bitter taste in the mouth, but a natural taste while eating and drinking* (after two hours),⁷.—Bitter taste in the mouth, with burning in the stomach (after five minutes),¹³.—Somewhat bitter taste,²³.—Spirituos, bitter taste,⁵².—Sweetish taste of blood in the morning,⁴².—An offensive, sweetish taste of blood, with blood-streaked mucus in the throat,⁴².—Evening, at dinner, all food tastes bad (third day),⁴⁶.—*Speech*. Speaking is difficult (after three hours),²².

Throat.—Objective. She rose in anxiety, and tore the clothing from her neck and chest (after seven hours),²².—Twitching in the throat,³⁹.—[730.] Bubbling or trembling motion in the anterior portion of the neck above the larynx, without pain, lasting several seconds, but returning every few minutes all day,³⁹.—Increased secretion of mucus in the throat (third day),³².—Secretion of thin mucus in the throat (first day),³².—Thin secretion of mucus in the throat and nose,³³.—Hawking of lumps of mucus,³⁷.—Stiffness in the left side of the throat (fifth day),²⁰.—*Subjective*. Dryness of the throat,^{37 42}; (first night),²¹; (ten minutes),²².—Dryness in the throat and on the tongue,^{34b}.—Dryness of the throat and mouth,^{34a}.—Dryness of the back part of the throat and of the palate (soon),²⁷.—[740.] Dryness of the throat, especially noticed on empty swallowing, disappearing after swallowing a few times, on waking from the midday nap of two hours (it usually lasted half an hour), (second day),¹⁷.—Dryness in the throat, with sensation of dust in it,^{36b}.—Sensation of dryness in the throat on swallowing (fourteenth day),¹⁶.—Sensation as if a body rose in the throat, hurting her to swallow, and then went down again (first day),³⁰.—Sensation in the pit of the throat and behind the upper part of the sternum, as from dust, which cannot be removed by coughing,^{36b}.—Pain in the forepart of the throat, which extends up to the temples (after one hour and a half),³¹.—Pain in the left side of the throat when swallowing (fifth day),²⁰.—Warmth and burning from mouth to stomach,⁵².—Burning in the throat (immediately),¹³; (fourth day),^{34c}.—Unpleasant burning in the throat (second day),^{34c}.—[750.] Itching-burning just below the pit of the throat, shortly before going to sleep (first day),¹⁸.—*Severe tension on and in the throat, just above the region of the larynx, as if it were constricted, only the pharynx was contracted* (after half an hour),³.—Constriction of the throat (after five minutes),¹⁶.—Throat feels constricted (after ten minutes),²².—Choking in the throat, in the region of the larynx,³⁹.—**Choking in the*

throat, as after swallowing too large a morsel (after three hours),⁹.—Choking sensation in the throat and larynx,³⁹.—Choking sensation in the throat and trachea, aggravated by breathing, similar to that experienced after strong cigars or lager beer,³⁹.—Pressure in the throat below the chin, as if it were compressed,²⁷.—Oppression of throat, as if compressed (first day),¹⁷.—[760.] Sticking in the throat,²⁷.—Violent sticking in the throat, as from a fish-bone, lasting several days,⁴³.—Sticking pain in the throat, in the region of the larynx (after ten minutes),²³.—Sticking pains in the throat, in the region of the larynx,^{34b}.—Irritation in the throat, on waking in the morning (seventh day),⁴⁵.—Towards evening, slight irritation of the throat, and a little scraping in the larynx, which excites a few fits of coughing (third day),⁴⁵.—Slight irritation of the throat, not felt during deglutition (second day),⁴⁵.—Roughness and dryness of the throat,³⁷.—Roughness and scraping in the throat succeeded the choking sensation,³⁹.—Raueness of the throat, not noticed when swallowing, lasting a long time (after a quarter of an hour),¹³.—[770.] Scraping in the throat (second day),³³.—Scraping in the throat, with accumulation of water in the mouth,³³.—Scraping sensation in the throat,⁴².—Sore throat, as from a cold (after one hour),⁴⁵; (after three hours and a quarter),⁴⁶.—Sore throat, on waking in the morning (second day),⁴⁶.—Sore throat worse than yesterday, without stoppage of the nose, and with a cough at long intervals (third day),⁴⁶.—Painful sensation in the throat, in the region of the larynx, as if sore, on swallowing food or drink, and even on empty swallowing,³⁹.—Dull throbbing in the throat and top of the chest, followed by griping in the hypogastrium (at night, in bed, before going to sleep), (first day),⁴⁵.—*Uvula and Tonsils.* Affection of the throat in the morning; involuntary snoring (when awake); it seemed as if the uvula had fallen into the throat (third day),⁴⁵.—Slight stiches in the tonsils on empty swallowing (after half an hour),¹⁸.—*Fauces, Pharynx, and Œsophagus.* [780.] Increase of mucus in fauces (5 to 15 drops),⁴⁹.—Dryness and sensation of constriction in the fauces, obliging her to swallow (after twenty minutes),²¹.—Sensation as if cold air were streaming from the nose into the fauces, on inspiration (after twenty minutes),²¹.—Pain in the fauces, as in catarrh (fifth day),¹⁶.—The pain in the fauces is less noticed while swallowing, but worse when pressing the tongue against the left side of the palate while swallowing (fifth day),²⁰.—Sensation in the pharynx as from a contractive cramp (soon after 20 drops),¹⁴.—Feeling of burning in gullet (5 to 15 drops),⁴⁹.—Œsophagus feels swollen and contracted, with bubbling, choking, and scraping sensation in it,³⁹.—*Swallowing.* Difficult swallowing (after twenty minutes),²¹.

Stomach.—Appetite. Increase of appetite,⁵¹; (first day),³².—[790.] Increased appetite morning and noon, lasting several weeks (second day),³³.—Appetite better and fresher than before the proving,³⁸.—Very unusual appetite, so that I ate almost a double portion, and drank some glasses of beer,³⁹.—Hunger greater than usual before eating (after one hour and a half),¹⁶.—Great hunger, which could scarcely be satisfied (soon after 30 drops),³⁵.—Unnatural sensation of hunger (after half an hour),²².—Milk was more grateful to her than ever before (after seven hours),²².—Much desire for milk, followed by a comfortable feeling throughout the whole body; however much he took of it he felt no inconvenience, though it usually caused much flatulence (after thirty-six hours and a half),².—Longing for vinegar and other sour things; vinegar tastes less sour than usual (fourth day),²².—*Diminished appetite,*²; (sixth day),²⁵; (seventh day),⁴⁵.—[800.] Less appetite for breakfast than usual (second day),²².—*Little appetite* (sec-

ond day),⁴⁶.—Loss of appetite,³⁹; (after half an hour),^{24 51}.—Loss of appetite the whole day (fourteenth day),²⁵.—Complete loss of appetite,²³.—No appetite; cooked food is especially distasteful (second day),²⁴.—No appetite for supper for six days (twelfth day),²⁵.—She was unable to take anything except water during the day till evening (second day),²².—At dinner, unusual and very marked repugnance to cold things; for this reason, although thirsty, she would not drink (after nine hours and a quarter),⁴⁶.—Aversion to cheese (ninth to thirteenth days),¹⁶.—[810.] Disgust (70 to 140 drops),⁴⁹; (10 to 60 grains),⁵⁰.—Disgust and nausea,⁵¹.—Slight disgust,⁵².—**Thirst.** **Thirst* (after three hours),²²; (first day),³⁰.—Thirst, for half an hour in the evening (fourth day),²⁴.—Some thirst (second day),³⁷.—Much thirst,⁴²; (fifth day),²⁰; (fourth day),^{34c}; (sixth day),²⁵.—Great thirst for cold water, which constantly returns after being satisfied,³⁹.—Longing for acids (second morning),²².—[820.] Longing for wine (ninth to thirteenth days),¹⁶.—Great desire for wine, which caused neither rush of blood to the head nor headache, as it usually did when taken in similar quantity (third day),¹⁶.—Diminished thirst,¹.—Aversion to coffee (fourteenth day),²².—**Eruptions and Hiccough.** **Eruptions*,^{38 49 50}.—Eruptions always after taking,³⁸.—Eruptions the whole day (first day),²⁴.—Eruptions continue until going to sleep (first day),³².—Eruptions in the afternoon, at one time with heartburn, which soon disappeared,^{36b}.—Eruptions twice in the night, so bitter that they made her shiver, followed by continual bitter taste (second night),²³.—[830.] Eruptions, which afford relief,³³.—Eruptions, relieving the nausea (second day),²³.—Eruptions, with heartburn,^{36b}.—Eruptions and passage of flatus (after a short time),³⁸.—Eruptions, with yawning,⁴².—Many eruptions, followed by chilliness (after one hour),³⁰.—Frequent eruptions until evening,²⁹.—Frequent eruptions, whereby the pains in the chest are relieved (fifth day),²⁴.—Eruptions seldom,⁵².—*Empty eruptions*,⁸; (after three-quarters of an hour),^{13 49}.—[840.] **Eruptions of air*,^{18 24}; (after ten minutes),²²; (after a quarter of an hour),¹⁸; (after twenty minutes),²¹.—Eruptions of air the whole day (second day),²⁴.—Frequent eruptions of air,⁸; (after half an hour and second day),¹⁵.—Frequent eruptions of air, with relief of the pain in the stomach,²³.—Violent eruptions of air and passage of flatus (soon),³².—Many eruptions of wind (fourteenth day),²².—Sourish, or saltish-bitter, or bitter eruptions,⁵¹.—Eruptions tasting of the food, at 1 P.M.,¹³.—Eruptions tasting of the breakfast (after one hour and three-quarters),¹³.—*Eruptions tasting of juniper berries* (after half an hour),¹³.—[850.] Hiccough (after twenty minutes),²¹.—Hiccough (after one hour and a half, and frequently),⁶.—**Heartburn.** Heartburn, and great weariness,³⁸.—Heartburn; disappearing immediately after another dose of 3 drops,³⁸.—**Nausea and Vomiting.** **Nausea*,¹⁰; (soon),¹⁴; (fifth minute),²⁷; (tenth minute),¹⁶; (first hour),¹⁶; (three-quarters of an hour),³⁶; (second day),^{30 34c}; (third day),¹⁷.—Nausea, as if she must vomit (second day),²³.—Nausea, as if he would vomit; relieved by eruptions,²⁷.—Nausea, as if she would faint (after three hours),²².—Nausea rising up from the stomach (after half an hour),¹⁹.—Nausea rises from the stomach, together with slight griping, and warmth in the epigastric region (after three hours),¹³.—[860.] Nausea rising up from the stomach, with slight griping and warmth in the epigastric region,¹².—Nausea on attempting to eat some broth; she was unable to swallow it (after three hours),²².—Nausea relieved by eruptions,^{34b}; (tenth day),¹⁷.—Nausea, as if she would vomit, relieved by eruptions (after one hour),³⁰.—Nausea, relieved after lying down in bed,³⁵.—Nausea, with bad taste,³⁹.—Nausea, with pasty

taste,³⁹.—Nausea, and much saliva (soon after 20 drops),¹¹.—Nausea, with loss of appetite (second day),⁴⁰.—Nausea, with eructations (soon after taking),¹³.—[870.] Nausea and qualmishness in the stomach disappearing after eructations (after three-quarters of an hour),¹³.—Nausea, with inclination to vomit (after two hours),³⁵.—Nausea and sensation of emptiness in the stomach, as in excessive hunger; was obliged to eat a piece of bread to quiet the nausea (soon),¹⁹.—Nausea, and sensation of fullness in the abdomen (immediately),¹⁸.—Some nausea rising from the stomach,³⁷.—Some nausea, and accumulation of water in the mouth,³⁷.—Great nausea, with increased warmth of the whole body (after a quarter of an hour),⁹.—Great nausea immediately after 20 drops, followed after an hour by easy vomiting of tough mucus,³⁵.—Qualmish nausea (from the external use),¹.—Qualmishness, almost nausea, in the stomach (after half an hour),¹³.—[880.] **Vomiting*,⁵¹.—Vomiting of mucus, without relief of the headache; for an hour she thought she would die (after seven hours),²².—During a paroxysm of cough he vomited curdled milk, which he had never done before,²⁹.—Vomiting of potatoes eaten yesterday, with a sharp, sour taste, and scraping in the throat (second day),⁴⁰.—**Stomach, Objective.** Distension of the epigastric region,³⁸.—Gurgling in the stomach, as though bubbles of air formed, burst, and afforded relief (after one hour and a half),⁴².—(Milk porridge, which usually did not digest easily, did her good to-day), (second day),¹³.—Needs to eructate without being able to accomplish it,³⁵.—Anxiety in the stomach,⁴².—Hollow sensation in the stomach,¹⁹.—[890.] Sensation of hollowness and emptiness in the stomach, similar to excessive hunger, with exhaustion, while walking,¹⁸.—Warmth in the stomach (after three-quarters of an hour),¹³.—Increased warmth in the stomach (after one hour and a quarter),¹³.—Agreeable warmth in the pit of the stomach (after twenty minutes),²¹.—The warmth of the stomach disappears and returns after three-quarters of an hour,¹³.—Sensation of warmth in the stomach,^{19 42}.—Sensation of coldness in the stomach (after half an hour),¹³.—Sensation of coldness in the stomach, with some distension, as if cramp in the stomach would follow,^{36b}.—Pain in the stomach,¹⁰.—Pain in the stomach, relieved by passing flatus (sixth day),¹⁶.—[900.] Pain in the stomach, with sensation of distension,^{36b}.—Pain in the stomach, with eructations (fourth day),^{34c}.—Pain in the stomach, lasting an hour, with eructations of air, relieved by lying upon the left side, with the legs drawn up (fifth day),¹⁶.—Pain in the pit of the stomach,³⁷.—Pain in the pit of the stomach, and opposite in the back,^{36b}.—Violent pain in the pit of the stomach, as if the stomach were constricted, in bed,²⁴.—Great sensitiveness to smoking, to which I had been accustomed; it produced the tobacco cardialgia, which I had not had for several years, and then only when chewing tobacco; this cardialgia increased so much through the night that it awoke me from sleep, with burning pain and acidity rising from the stomach; this lasted two weeks,¹⁴.—Burning in the stomach, with eructations (soon after taking),¹³.—Tensive pain in the pit of the stomach, on deep inspiration (after five minutes),¹⁸.—Contractive sensation below the epigastric region (after one hour and three-quarters),¹³.—[910.] Contractive sensation in the stomach, with qualmishness (after one hour),¹³.—Cramplike pain in the epigastric region, on lying down (after ten minutes),²⁴.—Spasmodic pain in the pit of the stomach,³⁷.—Spasmodic pain in the right side of the pit of the stomach,³⁷.—Digging pain in the stomach,³⁷.—Digging pain in the epigastric region, continuing until after eating,³⁸.—Peculiar sensation in the stomach, as of gnawing or digging, relieved after eating (first day),¹³.—Pressure on stomach,^{23 33 31};

(after one hour),³⁰.—Pressure in the stomach, lasting several hours, increased by external pressure (after three hours),¹⁴.—Pressure in the stomach, as from a dull body, increased by external pressure (soon after 20 drops),¹⁴.—[920.] Pressure in the stomach, with nausea,³⁷.—Pressure in the stomach, with nausea, relieved by eructations,^{34a}.—Pressure in the stomach, with accumulation of gas in it (second day),¹⁶.—Pressure in the stomach, alternating with pain, extending to the nape of the neck, forehead, and temples,³⁸.—Paroxysmal pressure in the stomach, lasting several hours (two hours after 20 drops),¹⁴.—Pressure in front of the stomach,^{23 34b}.—Pressure in the pit of the stomach (after ten hours),²².—Pressure in the pit of the stomach, with oppression of the chest and difficult breathing, toward evening (eighth day),²⁴.—Oppressive pressure in the pit of the stomach,³⁷.—Pinching pressive pain in and below the pit of the stomach, increased by touch (after three hours),².—[930.] Drinking water causes heaviness and pressure at the stomach,³⁵.—Pressive pain in the epigastric region,³⁸.—Pressive pain in the stomach, relieved by eructations of air, lasting an hour (sixth day),¹⁶.—Oppression of stomach (10 to 60 grains),⁵⁰.—Oppression of the stomach; this oppressed sensation extended up into the chest as far as the clavicle (first day),³⁷.—*Oppression and anxiety in the stomach (immediately)*,⁴².—Oppression of the stomach, with eructations, which relieved the oppression (after ten minutes),²⁴.—Oppression of the stomach and nausea also, relieved by eructations (after four hours),³¹.—Oppressive pain in the upper part of the epigastric region,³⁷.—Cutting in the stomach (after a quarter of an hour),⁴².—[940.] Cutting in the stomach, while yawning, at 1 P.M.¹³.—Violent cutting in the epigastric and umbilical region, aggravated by pressure, lasting two hours (second day after 50 drops),¹⁵.—Sticking in the right side of the stomach (after one hour and three-quarters),¹³.—Stitches in the epigastric region,³³.—Stitches in the pit of the stomach, then in the back, then in the right, then in the left cheek,⁴².—A sharp stitch in the left side near the pit of the stomach, in the afternoon while writing, during inspiration, and on making the body erect (first day),¹³.—**A sharp painful stitch in the pit of the stomach, which extends through the body to the back*, at 5.30 P.M.,¹³.—Severe stitch in the pit of the stomach,¹⁴.—Twinging, now in the right, now in the left epigastric region, then tension in it (half an hour after dinner),¹³.—Cramplike throbbing in the pit of the stomach, which caused anxious respiration (after five hours),⁴.

Abdomen.—Hypochondria. [950.] **Pain through the hypochondria, and in the right scapula* (after five minutes),¹⁶.—**Sense of distension in the right hypochondrium*,^{36b}.—Dull stitches through the left hypochondrium (after one hour), (second day),¹⁵.—Stitch in the left hypochondrium (after five minutes),¹⁸.—**A kind of numbness of the muscles in the hepatic region, and in the whole right side of the neck, face, and head* (fourth day),⁴⁵.—**Pain in the hepatic region, which soon extended downward and across the umbilical region through the intestines; it felt as though the abdomen were constricted by a string* (after half an hour),²².—**Pressive pain in the hepatic region, in the margin of the ribs; pressure of the clothes causes severe pain in these places, in the afternoon* (fourteenth day),²².—**Hepatic region slightly painful on pressure* (seventh day),⁴⁵.—**Pains in the region of the liver and spleen*,^{36b}.—**Stitches in the region of the liver*,⁴².—[960.] Pressive pain in the liver, about an inch from the pit of the stomach,^{36b}.—Stitches in the liver at 10 P.M.,³⁷.—Burning on the left side below the ribs, on a level with the pit of the stomach,⁵.—Burning pain in the abdomen, just below the short ribs of the left side (after fourteen hours),³.—Pressive pain

between the ribs and hip of the left side (after ten minutes),¹⁵.—*Umbilical*. Painful collection of wind in the umbilical region, relieved by slimy diarrhœa, which lasted three days,¹⁴.—Pain in the intestines, in the umbilical region,³⁸.—Spasmodic constriction of the umbilical region,³⁷.—Dull pinching in the umbilical region, followed by some flatulence (after one hour),⁴.—**Gripping in the umbilical region, then cutting in the abdomen and across the right lumbar region, extending to the back* (after five hours),¹².—[970.] Gripping in the umbilical region, then cutting in the abdomen and across the right lumbar region (after five hours),¹³.—Violent pressing spasmodic pain in the umbilical region, lasting only a second, but frequently returning,³⁸.—Twinging about the umbilical region, and tension or contraction about the stomach (after one hour and a quarter),¹³.—Pain in the left side of the abdomen near the umbilicus (after five minutes),²⁷.—**Pain in intestines above umbilicus, with sensation of constriction transversely* (after ten minutes),²³.—**Pain above the umbilicus, as if the abdomen were constricted by a string*, lasting a quarter of an hour, followed by gripping in the intestines, and by six watery stools in an hour and a half (after two hours),²⁵.—Burning in the left side of the intestines near the umbilicus, also in the left hypochondrium (after half an hour),¹⁵.—Burning pain around the umbilicus, in the intestines, speedily passing off (after fifteen minutes),¹⁶.—**Pains transversely across the umbilicus, as if the abdomen were constricted by a string, in the afternoon till six* (third day),²².—**Sensation of constriction transversely across above the umbilicus* (third day),²⁵.—[980.] **The umbilicus is spasmodically drawn inward, accompanied by transient nausea* (after six hours and a half),³.—Pressive pain and burning between the pit of the stomach and umbilicus, and in the sternum (after a quarter of an hour),³⁰.—Pains about the navel,³⁷.—Violent pain about the navel from 3 to 4 P.M. (third day),²².—Pain above the navel, somewhat to the left side,²⁷.—Drawing pain about the navel (fourth day),¹⁶.—Painful pressure just above the navel,³.—Pressive pain just above the navel, extending up to the left side of the chest,³⁵.—Cutting in the intestines about the navel,³⁷.—Cutting in the intestines just above the navel (first day),¹⁸.—[990.] Transient, violent sticking pain in the abdomen just above the navel,³⁸.—Violent dull stitches below the navel, so that he was obliged to bend double, lasting one minute, and afterwards again while standing (after half an hour),¹³.—Spasmodic colic between the navel and pit of the stomach (soon),³⁸.—*General Abdomen*. Fulness in abdomen (70 to 140 drops),⁴⁹.—**Distended abdomen*,^{37 42}.—Abdomen distended by gas,^{36b}.—Distension and discomfort in the abdomen in spite of many eructations (seventh day),³².—*Abdomen tense and hard*, without pain when touched,¹².—Increased peristaltic motion of bowels,⁵¹.—Trembling in the abdomen and passage of flatus,³⁵.—[1000.] Trembling in the abdomen and some diarrhœa,³⁸.—Contraction of the abdominal muscles, with pain about the navel,³⁷.—Movings in the abdomen after a stool, with a sensation as of a foul stomach,³⁹.—Continual moving about and twinging, now here, now there, in the intestines, at 1½ P.M.,¹³.—Rumbling in the abdomen (after five minutes),¹⁶; (10 to 60 grains),⁵⁰.—Rumbling in the abdomen, with some distension,^{36b}.—Rumbling in the abdomen, with some colic,³⁸.—Rumbling in the abdomen above the navel, passing downward, before and after the diarrhœa,¹².—Much rumbling in the abdomen (one hour after 30 drops),¹⁴.—Dull rumbling in the abdomen (after one hour and a half),³¹.—[1010.] Rumbling in the intestines (soon after 20 drops)³⁸; (after ten minutes),¹⁸.—Constant gurgling and rumbling in the abdomen,³.—Passage of flatulence,^{38 51}.—Passage of much flatulence,

without relief,¹².—Passage of large quantities of flatulence,¹⁴²; (first day),¹⁸; (sixth day),³².—Frequent passage of flatulence,³⁸.—Discharge of flatus from bowels (10 to 60 grains),⁵⁰.—Passage of much flatus, in the evening,³¹.—Passage of much flatus while in bed (first night),²².—Passage of much wind with the usual stool in the morning (second day),¹⁷.—[1020.] Sensation of heaviness in the abdomen (after ten minutes),¹⁸.—Discomfort in the abdomen (sixth day),³².—Great discomfort in the abdomen, with colic, relieved by a glass of wine (seventh day),³².—Pains in the abdomen,^{36b}.—Pain in the abdomen, with sensation of distension,^{36c}.—Pains in the left side of the walls of the abdomen, which were increased by drawing the abdomen together (second evening),^{36b}.—Pain in the intestines and epigastric region,³⁸.—Pain in the intestines, extending up to the chest, lasting two hours,³⁵.—Burning in the intestines about the umbilicus (ten minutes after 5 drops),¹⁷.—Tension across the upper portion of the abdomen,¹.—[1030.] Contractive pain in the abdomen with every cough,⁴².—Sensation of twisting and motion in the abdomen above the navel, as if an animal were wriggling about in the intestines (third day),²⁵.—Gripping in the intestines, as is sometimes felt before stool (tenth day),¹⁷.—Gripping and rumbling in the intestines,³⁸.—Gripping in the intestines above the navel (soon),¹⁹.—Frequent gripping in the intestines, with frequent passage of flatus (first night),²⁵.—Digging in the intestines, with some nausea,^{36b}.—Drawing pain through the abdomen (seventh day),¹⁶.—Drawing pains in the walls of the abdomen, in the evening (tenth and eleventh days),³⁶.—Pressure in the abdomen and urging to stool, without diarrhœa,³⁸.—[1040.] Pressure, with coldness, in the abdomen, in spite of warm coverings, in the afternoon (second day),³².—Cutting in the abdomen, so that she was doubled together, in the evening (after ten hours),³¹.—Sudden cuttings in the abdomen, immediately followed by soft and diarrhœa-like stool (after one hour),¹³.—Cutting pain through the upper abdomen (tenth day),¹⁷.—Cutting in the intestines (third day),¹⁷.—* *Constant cutting in the intestines, immediately after eating, which, however, he relished.*³.—*Jerklike cutting in the intestines, as with knives*; he was obliged to go to stool, which was soft and gave no relief,¹².—Sticking pain through the abdomen (after one hour and a half),¹⁶.—Twinging and moving about the whole abdomen; on the left side the pain extends into the præcordial region, where it becomes a sticking (after one hour and a half),¹³.—It seemed to her as though all the intestines were torn out of the body, on which account she lost her senses (after seven hours),²².—[1050.] Colic,¹¹⁰.—Colic in the intestines,^{36b}.—Transient cutting colic,³⁸.—***Hypogastrium and Iliac Regions.*** * *Constrictive sensation in the hypogastrium, just before the passage of turbid urine* (eighteenth day),²⁵.—Aching deep in the hypogastrium,^{36b}.—Drawing pain through the lower abdomen (tenth day),¹⁷.—Twinging in the lower abdomen below the navel, with diminution of the great warmth of the body, at 5.30 P.M.,¹³.—Sensation of warmth in the intestines below the navel (after half an hour),¹⁹.—* *Cramp-like pain just above the pubis, with frequent urging to urinate, in the afternoon* (third day),²².—Pressure in the abdomen just above the pubis (seventh day),¹⁶.—[1060.] Unpleasant pressive pain deep in, above the pubis, in the evening,³⁸.—Tension and pressure in the ilium (seventh day),¹⁶.—Tension in the abdomen, on both sides alike, in the iliac fossæ (after four hours),⁴⁵.—Pressure and tension in the ilium (tenth and eleventh days),¹⁷.—Spasmodic drawing pains from above downward in the iliac and inguinal regions, extending into the pelvic region (fourteenth day),²⁵.—Pressure behind the crest of the ilium, more upon the left than the right side,^{36b}.—Pres-

sure in the left iliac region (first day),³⁰.—Pain in the inguinal region which prevents walking (after half an hour),²⁴.—Pains in the inguinal region which prevent walking, at 4 P.M.,²³.—Pinching pain in the left inguinal region (after nine hours),⁴.—[1070.] Drawing spasmodic pains in the inguinal region prevent walking; the right leg can be raised only with difficulty on account of these pains (fifteenth day),²⁵.—Drawing, dragging pain in the inguinal region (tenth day),²⁴.—Spasmodic drawing in the inguinal region (third day),²⁴.—**Tensive spasmodic drawing pain in both inguinal regions, extending from the upper and outer portion downward and inward (eighth day)*,²⁴.

Rectum and Anus.—**Rectum.** Discomfort in the rectum, as if he had taken a purge, followed by an evacuation (soon),³².—Sensation as if the rectum were protruding, with spasmodic constriction of the anus and rectum, lasting the whole day (second day),²⁶.—**Burning and cutting in the rectum, with constriction of the anus, alternating with itching in the anus (third day)*,²⁶.—Drawing towards the rectum (after one hour and a half),³¹.—Frequent dragging, followed by hard stool, with pressure; he had already had the natural stool in the morning before taking the drug (after three-quarters of an hour),¹³.—Periodic dragging and pressure upon the rectum, as if she must go to stool, without result, in the afternoon (third day),²⁴.—[1080.] Pressure on the rectum; urging to stool (at an unusual hour); at the same time great appetite (after one hour),⁴⁵.—**Crawling and itching in the rectum*,³⁷.—Painful crawling in the rectum,³⁷.—Itching in the rectum,³⁸.—**Severe itching in the rectum*,²⁶.—**Anus.** Mucous discharge from the anus (fourth day),²⁵.—Pain in the anus and perineum, transient,^{36b}.—**Stools cause pains in the anus (second day)*,²⁶.—The pains in the anus are relieved by standing bent over (third day),²⁵.—The anus feels swollen during, and sore after the stool (sixth day),²⁰.—[1090.] Spasmodic constriction of the anus after every stool (after two hours),²⁵.—**With the stool a sensation as if the anus were contracted, and with difficulty allowed the stool to pass (third day)*,³².—Drawings in the anus at 9 P.M.,^{36b}.—Sticking in the anus and left thigh,³⁸.—Stitches in the anus, lasting half a day,^{36c}.—She is unable to lie upon the back or to sit, on account of sore pain in the anus (third day),²⁶.—Crawling in the anus, and after five minutes in the forehead,³⁷.—Itching in the anus,^{19 38}; (after ten minutes),¹⁵; (a quarter of an hour),¹⁵; (second day),¹⁶.—Itching in the anus, lasting several days (had sometimes been noticed before), (second day),³³.—Itching in the anus and rectum (nineteenth day),²⁵.—[1100.] Obstinate, tormenting itching in the anus and rectum for more than two weeks,³⁷.†—**Perineum.** Crawling in the perineum, also in the glans penis; it then goes to the toes and to the tip of the nose, and afterwards to the perineum,³⁷.—Almost uninterrupted itching in the perineum,³⁷.—**Urging.** Urging in the rectum (soon),³².—*Urging to stool (after 20 drops)*,³⁵.—Urging to stool, without diarrhoea,³⁵.—Urging to stool, immediately after rising,^{36b}.—Urging to stool, with griping in the intestines and constriction in the rectum, every half hour the whole forenoon, without any evacuation, which follows perfectly normal in the evening (fourth day),²⁵.—Urging to stool, followed by three watery stools in quick succession, followed by relief of the colic in the evening (first day),³¹.—Constant, painful, ineffectual urging to stool (fifth day),²⁶.

Stool.—**Diarrhoea.** [1110.] Increased evacuation of bowels,⁵¹.—Diarrhoea,¹⁰.—Diarrhoea, without pain; the rumbling continues,¹³.—Diarrhoea several times (fourth day),^{34c}.—Three diarrhoea-like stools every night,¹.—

† I had never suffered from this before.

Diarrhœa four times a day,¹².—Diarrhœa five times in one afternoon,¹².—**Slimy diarrhœa*,¹.—Several thin fluid stools daily, for several days (after second day),³³.—Several thin stools in quick succession, of the natural color, at 8 A.M. (third day),¹⁶.—[1120.] Several small slenderly-formed stools in the course of the day, preceded and not followed by slight griping (second day),⁴⁵.—Profuse watery whitish stools, with nausea during the night, and two more stools in the morning,^{36b}.—Stool the second time after dinner, quite unusual,¹³.—**A second dark yellow stool in the evening* (second day),²⁸.—The second stool soft and of a light color (third day),³².—Two stools in quick succession (after one hour),³⁷.—Two stools within two hours (after 24 drops),³⁸.—Two, insufficient, thin stools in the course of the day (fourth day),⁴⁶.—Two, light-colored, ribbon-shaped stools, without colic, and at unusual hours (third day),⁴⁵.—Two pasty stools (first day),²⁴.—[1130.] Two thin pasty stools,^{34a}.—Stool softer than usual in the morning; in the afternoon soft stool, with urging, followed by moderate cutting in the anus (after 100 drops),¹⁴.—Three thin stools (fifth day),^{34c}.—Three pasty stools, with mucus, during the day,³⁵.—Three pasty stools,³⁸.—Three thin pasty stools (first day),^{34b}.—Three thin, pasty stools in half an hour, preceded by griping in the intestines (second morning),²⁵.—Three thick, pasty stools during the forenoon (after 15 drops),³⁵.—**Three, pasty, light-gray stools*, at 10 P.M.,³⁷.—**Thin, pasty, bright-yellow stools* (three times within an hour), (third day, morning),²⁵.—[1140.] Three watery stools within an hour after 25 drops,³⁵.—Four, thin, yellow, mucous stools, with some blood at the close, in four hours, from 7 to 11 P.M. (after 15 drops),³⁵.—Four pasty stools, with some pain in the intestines within half an hour, in the afternoon (third day),²².—Thin stool four to six times in succession,¹².—**A copious, liquid, bright-yellow stool, with much mucus, without pain, on rising* (second day, 100 drops),¹⁴.—Stools darker colored (70 to 100 grains),⁵⁰.—Stool brown and watery,³⁸.—Stool light red, painful,³⁷.—Stool whitish red,³⁷.—Stool lighter colored than usual (second day),^{17 20}.—[1150.] Stool lighter colored than usual (sixth day),³².—Stool at first rather hard, afterwards easier to pass and without pain,³⁹.—Stool soft, light-colored (teuth day),³².—Soft, greenish stool, together with cutting pain in the rectum (six hours after 150 drops),¹⁴.—Pasty, dark-brown stool, at 8 A.M. (eighth day),¹⁶.—**Pasty, bright-yellow stool*,²³; (sixth day),¹⁶.—Pasty stool, followed by pinching pain in the abdomen, which extended to the back and up to the chest, and disappeared after the passage of offensive flatus,³⁵.—Stool thinner than usual (second day),²².—Thin stools (three minutes after 15 drops),³⁵.—Stool thin, pasty, bright-yellow, as in young children (fifth day),¹⁶.—[1160.] Thin, watery, dark-yellow stool (second day),²⁰.—About noon, semi-liquid stool (second day),⁴⁶.—Watery stool,⁴².—Stool mixed with some blood (after two hours),³⁵.—Some blood follows the stool (fifth day),³².—*Constipation*. Diminished evacuation of bowels (in one prover),⁵¹.—An insignificant stool, with much itching in the anus (seventh day),³².—Hard, very much-delayed stool (second day),¹³.—Hard stool, with great pain (third day),²⁶.—A hard stool, with pressure, in the evening of the third day, the first time since taking the drug,¹².—[1170.] Stool hard, nodular, difficult to pass, with smarting pain in the anus,³⁰.—Stool whitish-red instead of the usual grayish-brown, harder than usual,³⁷.—Stool very hard and dark brown,⁴².—Stool very difficult, with pains in the rectum (fourth day),²⁴.—Retarded evacuations,⁵³.—Stool delayed and scanty (second day),³².—The stool, which was usually regular in the night, occurred the next morning, color whiter than usual (second morning),²⁰.—Constipation,³⁹.—Constipation in spite of urging to stool, for two days,³⁷.—Constipation; the stool passed

in small hard lumps like sheep-dung (for two days in succession),⁸.—[1180.] Omission of the usual stool (fifth day),²⁰.—No stool (first day),⁴⁶; (fourth day),^{13 32}; (sixteenth day),⁴⁵.

Urinary Organs.—Bladder and Kidneys. Pain in the kidneys, so that she could not lie upon the back; she was also frequently obliged to change from lying upon the side, and experienced the most relief when lying upon the stomach (second day),²⁴.—Dull pain, at times pulsative, in the kidneys (after three-quarters of an hour),⁴⁶.—**Spasmodic pain in the right kidney and in the liver*, the whole day; worse from 4 to 9 P.M., with sweat on the forehead and hands (sixth day),²⁵.—Stitch in left kidney, on taking a deep breath (after five minutes),¹⁸.—Dull pain, with dragging, deep in the bladder (three-quarters of an hour after 20 drops),¹⁴.—**Dragging pain in the bladder, with spasmodic trembling pains in the inguinal region*; after relief of these pains oppression of the chest (second day),²⁴.—Pressure on the bladder (fifth day),^{34c}.—Pressure upon the bladder and frequent urination (second day),³³.—[1190.] Pressure on the bladder, with frequent scanty micturition,³⁷.—Sticking in the region of the bladder, with frequent urging to urinate,⁴².—**Urethra.** Discharge of a drop of fluid from the urethra (half an hour after three drops),¹⁷.—[Gonorrhœa],¹¹.†—Pain while urinating, afterward pains in the urethra and drawings in the left testicle,³⁵.‡—Burning in the urethra,^{35 49}.—Burning in the urethra near the glans (after one hour),¹⁶.—Burning in the urethra, immediately before the passage of urine,^{1 7}.—Burning in the urethra on urinating,^{35 37}.—Burning in the orifice of the urethra, lasting a quarter of an hour (half an hour after three drops),¹⁷.—[1200.] Cutting pain in the urethra, on urinating, and continuing after urinating (fourth day),²⁴.—Unpleasant cutting in the urethra during and after urinating,³⁸.—Sticking in the urethra, especially towards the end (one hour after 30 drops),¹⁴.—Sticking and cutting in the urethra, while urinating and on motion of the body,¹.—Sticking in the tip of the urethra (after 150 drops),¹⁴.—Stitches in the meatus urinarius,¹⁹.—Urging to urinate (after one hour),⁴².—Urging to urinate, continuing two hours (half an hour after 30 drops),¹⁴.—Urging to urinate throughout the whole day, with scanty passage (after two hours),⁶.—Urging to urinate twice in half an hour, with cramplike pain in the urethra (in half an hour),²².—[1210.] Urging to urinate, and micturition each time, thrice during three-quarters of an hour (after half an hour),²⁴.—Urging and pressing to urinate, with groaning and holding the breath, five times during the day (second day),²⁶.—Frequent urging to urinate,⁴²; (after twenty minutes),²¹; (fifth day),^{34c}; (third day),²⁴.—Frequent urging to urinate, which often passed off without a discharge (twelfth day),²³.—Frequent urging to urinate, with burning on urinating (first evening),³⁰.—Frequent urging to urinate, always with urinating (after three hours),²⁵.—Unusual urging to urinate and urinating (after half an hour),¹⁸.—Constant desire to urinate (after one hour),¹⁶.—Continual urging to urinate, with cutting in the urethra; this urging continues for two or three hours, even after urinating (second hour after 20 drops),¹⁴.—Sudden urging to urinate, twice in quick succession (after a quarter of an hour),²².—[1220.] Sudden, severe urging to urinate (after

† This is the return of a suppressed gonorrhœa, occurring while Chelidonium was being given for the swollen testicle which had resulted.—HUGHES.

‡ This symptom induced him to discontinue the proving, because formerly he had suffered from hydrocele in consequence of a blow on the left side, in which he had sensations similar to these, and so feared that the trouble would return; after stopping the proving the symptoms soon disappeared.

half an hour),¹⁵.—**Micturition.** Frequent urination all day,^{36b}.—Frequent call to micturate, with increased secretion of a clear, pale urine,⁴⁹.—Urinating twice in rapid succession, with great urging (after half an hour),²⁴.—Urinating three times in a quarter of an hour,²⁹.—Passage of urine five times within an hour and a half,²².—She was obliged to urinate six times in succession, with scanty discharge every time (after two hours),²¹.—He is obliged to urinate ten or twelve times during the day, and two or three times during the night, and every time a great deal (after twenty-four hours),¹.—Urine increased (70 to 100 grains),⁵⁰.—Amount of urine apparently increased (second morning),¹³.—[1230.] Urine and fæces somewhat increased (5 to 15 drops),⁴⁹.—An unusual amount of pale urine (after one hour),¹³.—Urine profuse on account of having drunk much water (fifth day),²⁰.—Very profuse discharge of yellow, foaming urine, as after drinking beer (after ten minutes),⁴⁵.—*Remarkably profuse discharge of whitish, foaming urine* (after a quarter of an hour and three hours and a quarter),⁴⁶.—Urine at one time increased, at another diminished,⁵¹.—A more vigorous stream of urine than usual (fourth day),³².—Dribbling of urine,^{36b}.—No urine from 10 A.M. to 5 P.M.; very unusual,¹³.—Renewed discharge of foaming urine (after four hours),⁴⁵.—[1240.] Urine darker colored,^{51 52}.—Urine red, of a sharp sour smell,⁴².—**Urine red and turbid, immediately after passing*,³⁷.—Reddish urine (from the external use),¹.—Urine reddish; becoming turbid after a quarter of an hour; depositing after two hours a reddish, flocculent sediment; the urine standing till evening had not yet become clear (fifteenth day),²⁵.—***Urine dark-yellow, clear**, in the morning (eighteenth day),²⁵.—**Urine lemon-yellow, turbid* (second and third days),²⁴.—Urine very pale, scanty, seldom (second day),¹³.—Urine the second time very pale; an unusual amount; after urinating twinging in the lower abdomen, at 6 P.M.,¹³.—Acrid, sour smell to the urine (fifth day),^{34c}.—[1250.] Urine of a resinous odor (in two provers),^{51 52}.—Urine turbid when passed in the morning (second day),²².—***Urine turbid on passing it, dark brownish-red, like brown beer**, frothing at the edges of the vessel, in the afternoon (eighteenth day),²⁵.—**Urine turbid and lemon-yellow, immediately after passing* (eighth day),²⁴.—**Napkin colored reddish-brown by the urine*; it became still darker after it was dried (third day),²⁸.—***Urine stains the diaper dark-yellow** (second day),²⁹.—Urine deposits a slightly grayish-yellow flocculent sediment; the vessel is covered with reddish-yellow crystals of uric acid (from the urine of yesterday standing over night); the urine passed this morning is turbid like that of yesterday; towards noon it also deposits a grayish-yellow sediment with crystals of uric acid; the urine passed shortly before dinner is less turbid; that passed in the afternoon is clear (ninth day),²⁴.

Sexual Organs.—Male. Pains of short duration in the genitals,^{36b}.—Frequent erections, even during the day (second day),³³.—Frequent unusual erections (fourth day),²⁰.—[1260.] Pain in the penis and testicles (after two hours),^{36b}.—Pressure and dragging towards the root of the penis (one hour after 30 drops),¹⁴.—Painful sensation in the glans penis (after one hour),³⁸.—Painful and anxious sensation in the glans, similar to that experienced after a violent erection (half an hour after taking 3 drops),¹⁷.—Pain, as from pinching, in a small spot on the right side of the glans penis,^{36b}.—Pressure in the lower portion of the glans and at the orifice of the urethra (second day),¹⁷.—Stitches in the glans penis and in the right great toe,³⁷.—Redness, heat, and swelling of the scrotum,²⁸.—Redness and heat of the scrotum; here and there on both sides elevation of the epider-

mis by yellowish, fluid-like, flat blisters, from the size of the head of a pin to that of a small bean, painful to touch (second day),²⁸.—[1270.] Drawing pain along the spermatic cord (after four hours),¹⁶.—Drawing in the spermatic cord and testicles (seventh day),²⁰.—Some pain in the right testicle (fifth day),¹⁶.—Drawing in the right testicle,³⁷.—Drawing in the right testicle, the whole day,³³.—Drawing from the left testicle, extending up to the hip (after three hours),³⁵.—Drawings in the left testicle, with pain in it,³⁵.—Drawing pain in the testicles and spermatic cord (seventh day),¹⁶.—Drawing, pressive, tensive pain in the testicles and spermatic cord (eighth day),¹⁶.—**Female.** Slimy discharge from the vagina the whole day, coloring the linen yellow (first day),²⁴.—[1280.] Leucorrhœa imperceptibly follows menstruation; discharge tenacious, slimy, whitish, coloring the linen yellow (thirteen years before, previous to her marriage, she had sometimes suffered from it), (twelfth day),²⁵.—Leucorrhœa ceases on the fourteenth day,²⁵.—Profuse leucorrhœa the whole day (thirteenth day),²⁵.—Violent burning in the vagina for a long time,⁴³.—Menstruation two days too early and more profuse than usual,²¹.—Menstruation more profuse than usual,²⁵.—Menstruation very profuse (ninth day), continually increasing for three days; about four days too late, with pains, lasting seven days,¹⁸.

Respiratory Organs.—Larynx, Trachea, and Bronchi. Burning pain in the larynx (fifth day),^{34c}.—Sensation of swelling in the larynx, lasting two hours (after ten minutes),²⁶.—Sensation of swelling of the larynx, with oppression of the larynx and air-passages (after ten minutes),¹⁸.—[1290.] Sensation as if the larynx were swollen, especially on the right side (third day),³².—Feeling as if the throat in the region of the larynx were swollen, and as if the swelling hindered breathing (first day),²⁴.—Sensation as if the larynx and trachea were contracted by a swelling, with tickling in the larynx, and short dry cough after waking (first night),¹⁸.—Pressure in the larynx (after half an hour),¹⁸.—Pressure upon the larynx, as if it would be constricted,³⁷.—Pressure in the region of the larynx, toward evening (first day),²⁴.—*Sensation as if the larynx were pressed from without against the œsophagus, on which account swallowing was impeded, but not breathing* (after five minutes),³.—Severe sticking in the larynx, with contractive sensation (after 100 drops),¹⁴.—Stitches through the larynx in quick succession, extending outward and inward into the throat (after ten minutes),²².—Pain in the cartilage of the larynx, with sensation as if the throat were swollen externally in the region of the larynx,²³.—[1300.] Curious spasmodic movements in the glottis, without cough, before going to sleep (first day),⁴⁶.—Feeling of dust in the trachea and behind the sternum, which cannot be removed by coughing,^{36b}.—Bronchial catarrh returned in the evening (fourth proving),^{36b}.—Sensation of heat in the bronchi (after a quarter of an hour),¹⁸.—Irritation to cough, in very short paroxysms (after five minutes),¹⁶.—The irritation to cough became very severe in the evening, so as to cause lachrymation (fourth day),⁴¹.—Irritation to cough, with dry cough, which relieves the spasmodic attacks (after 100 drops),¹⁴.—**Voice.** Hoarseness, in the morning,^{36b}.—*Some hoarseness*,^{34b}.—Frequent hoarseness, with a dry cough, with expectoration of lumps of mucus,⁴³.—**Cough and Expectoration.** [1310.] *Cough, with painful contraction of the whole abdomen with every cough,⁴².—Cough, from constant tickling in the larynx (first day),⁴¹.—Cough, caused by irritation in the larynx,³⁸.—*Cough after waking and on rising, with sensation of dust under the sternum,^{36b}.—Cough, with some expectoration of mucus (fifth day),^{34c}.—*Much cough, especially in morning; cough racking, as in consumption, with much

expectoration coming from deep in lungs; the cough could not be prevented by changing the position after waking, since the rattling in the chest increased; expectoration in large quantities, difficult to loosen; during the first days the paroxysms of cough, with pain behind sternum, occurred especially at night,^{36b}.—**Violent and somewhat spasmodic cough, as in incipient whooping-cough,*⁴¹.—**Paroxysms of coughing,*¹⁸.—Paroxysm of coughing, without expectoration and without previous irritation (after five minutes),¹⁸.—Paroxysm of coughing, towards evening,^{36b}.—[1320.] Frequent paroxysms of cough,⁴²; (first day),¹⁸.—Violent paroxysm of coughing, without expectoration,¹⁹.—Short paroxysms of cough,²⁷; (first day),¹⁷.—Slight paroxysms of cough, at long intervals, more indoors than in the open air, with spasm of the glottis during expiration (second day),⁴⁵.—Hollow cough at long intervals (seventh day),⁴⁵.—Short cough (second day),³⁰.—Awakened by short cough (first night),²².—She was frequently awakened from sleep by a short cough, with pains in the back and violent itching in the occiput (second night),²².—Constant short cough, in two paroxysms in quick succession,²³.—Dry cough, at long intervals (third day),⁴⁵.—[1330.] Frequent dry cough (fifth and fourteenth days),¹⁶.—Frequent, short, dry coughs (after nine hours),²¹.—Frequent, short, dry cough, caused by irritation in the larynx (after three hours),²².—Frequent attacks of short dry cough (third day),²⁵.—**Paroxysm of dry cough at 4 P.M.,*^{36b}.—Paroxysm of coughing, without expectoration and without provocation (after a quarter of an hour),¹⁸.—Expectoration of mucus (ninth day),³².—**Respiration.** Hot breath; mouth and lips very dry (after ten minutes),²².—Loud snoring, rapid, whistling respiration during sleep, on account of which I was awakened by my wife; I had just been dreaming that I was in a dissecting-room with a corpse, which sprang from the table and seized my throat with the hands (first night),¹⁸.—Rapid breathing, with eructations five times, after which breathing became more quiet,²⁹.—[1340.] Necessity for breathing deeply, lasting five minutes (after two hours),²¹.—Shortness of breath,³⁷; (second day),³⁰.—**Shortness of breath and oppression, as if the chest were constricted and she could not get her breath through* (first day),³⁰.—**Short and difficult respiration, with oppression and anxiety in the chest* (after ten minutes),²².—She was obliged to take short and rapid respirations, for only thus could the pains in the chest and back be endured (second morning),²².—Respiration short and rapid during the fever (after three hours),²².—Breathing obstructed, as by a foreign body in the bronchi (seventh day),⁴⁵.—Oppressed respiration (after half an hour),¹⁸.—Difficult respiration (first day),³⁰; (fourth day),^{16 27}; (after two hours),²¹.—Difficult respiration, especially when walking, without cough,⁴⁸.—[1350.] Difficult respiration, with very quiet mood (first day),¹⁸.—Difficult breathing; cannot take a deep breath on account of stitches (third day),²⁵.—Difficult breathing in the left pectoral region, extending backward, after dinner,¹⁹.—**Dyspnoea,*^{1 23}, etc.; (after nine hours),²¹; (fourteenth day),¹⁶.—Slight attack of dyspnoea about 2 o'clock (sixth day),⁴⁵.—6.30 P.M., severe dyspnoea, without shivering or acceleration of pulse, which is merely fuller than ordinary (fourth day),⁴⁵.—Sensation as though she could not get her breath, on account of the swelling of the larynx (after ten minutes),²².—Longing for fresh air, in order to breathe more easily (fourth day),¹⁶.—Sudden asthmatic attack while urinating, at 11 P.M.; he is only able to breathe short and with great exertion, with anxiety as if he would suffocate; followed by nausea, which was relieved by eructations of air, with difficult breathing, even after lying down in bed (second day),¹⁶.

Chest.—Rush of blood to the chest, lasting several hours,³⁸.—[1360.]

Sensation of rush of blood to the chest (soon),¹⁹.—Uneasy feeling in the chest, which renders breathing difficult, for an hour and a half or two hours, without alteration in the pulse (third day),⁴⁶.—Anxiety in the chest (after one hour),³⁰.—Anxiety and oppression of the chest (fourth day),¹⁸.—Pain in the chest,¹⁰.—She was obliged to sit upright, and could not move on account of the pains in the chest, which become intolerable (second morning),²².—**Pains in the chest and back*,^{36b}.—Pains in the chest and small of the back, and pain in the larynx on coughing,²³.—The pains in the chest, neck, and back return after four hours and last till evening, at 2 P.M. (after four hours and a half),¹⁶.—The pains in the chest increased in severity till 9 A.M., after which they diminished (second morning),²².—[1370.] Pains in the chest on inspiration, aggravated by motion, in the afternoon (third day),²².—Pain within the chest on every inspiration, with a short dry cough, which aggravates the pain, and which troubles her at short intervals (second morning),²².—The pain in the chest was always felt while walking, but was not increased thereby (four hours after 150 drops),¹⁴.—Wandering pains in the chest and extremities (second day),¹⁶.—Burning in the lower portion of the chest (after a quarter of an hour),¹³.—Tensive pain in the whole of the thorax (sixth day),¹⁶.—Tensive pain around the thorax coming and going, in the evening (fourteenth day),¹⁶.—Painful tension about the base of the inner side of the thorax, on taking a deep breath (after a quarter of an hour),¹³.—Great tightness of the chest (first four hours),¹².—Constriction of the chest, as from a coat of mail (fifth day),²⁰.—[1380.] Severe compressing pain deep in the chest, noticed on stooping low down; this pain seems rather in the region of the bodies of the vertebræ; it does not affect respiration, but is so violent that stooping cannot be endured; on the third day the same pain is felt after rapid walking, violent blowing of the nose, sneezing, or when stooping, and is then felt more externally along the spinous processes of the dorsal vertebræ; not affecting respiration (second and third days after 100 drops),¹⁴.—Drawing in the thorax (fifth day),²⁰.—Drawing in the lower portion of the thorax, with difficult breathing and pressure in the throat, as if it were compressed (second day),¹⁷.—Drawing pain in the chest and pit of the stomach (sixteenth day),¹⁶.—Drawing pains in muscles of chest and back (70 to 140 drops),⁴⁹.—Drawing pain through the pectoral muscles, extending to the umbilical region, now more, now less severe (second day),¹⁶.—Pressure upon the chest (after five minutes),¹⁶.—Pressure upon the chest, on waking in the morning; cannot get air enough on inspiration, so that I was obliged to expire quickly in order to inspire soon again; relieved by several deep inspirations (fourth day),¹⁷.—Pressure and oppression on the chest (tenth day),²⁴.—**On inspiration, it seems as though something were pressing on the chest, after dinner*,¹³.—[1390.] Pressive pain in the chest, with great oppression,³⁷.—Pressive pain in the chest and back, extending to between the shoulders (second day),^{36b}.—**Oppression of the chest*,^{23 35}, etc.; (fourteenth day),¹⁶.—Oppression of the chest, at 4 A.M. (third day),³⁰.—Oppression of the chest and forepart of the stomach,⁴².—Evening, in bed, slight oppression of chest (first day),⁴⁶.—Awoke with oppression of the chest and dyspnoea, soon after midnight (third day),¹⁶.—Oppression of the chest on expiration,³.—Oppression of chest (when walking), (after three hours),⁴⁵.—Oppression of the chest, with short breath,^{36b}.—[1400.] Oppression of the chest and of the breathing,³.—Oppression of the chest and difficult breathing (after five minutes),¹⁸.—Oppression of the chest, with difficult respiration (fourth day),²⁴.—**Oppression of the chest; the clothing seemed too tight upon the chest* (second morn-

ing),²².—Some oppression, with thick cough, about 6 P.M. (second day),⁴⁶.—Stitches in the chest,^{37 38}.—Stitches in the upper part of the chest,⁴².—Fine needle-like stitches in succession in the chest, on inspiration, extending from the left to the right side, rather externally (after three-quarters of an hour),¹³.—Dull pulsations at the base of the right lung and in the liver,⁴⁷.—**Front.** Pain in the forepart of the chest (after one hour),³⁵.—[1410.] Is unable to take a deep inspiration, on account of a pain in the forepart of the chest (second morning),²².—Tension on the forepart of the chest (after half an hour),¹⁵.—Drawing pain in the forepart of the chest, extending down into the abdomen as far as the navel (sixth day),¹⁶.—Waking, with drawing pain in the forepart of the chest and dyspnœa, about midnight (fourteenth day),¹⁶.—Pressure over the forepart of the chest, with difficult breathing (second morning),¹⁶.—**Stitches in the forepart of the lower portion of the thorax, extending into the intestines below the navel*,³⁷.—Pain in the sternum just above the pit of the stomach,⁴².—**Pain internally behind the sternum, especially noticed on inspiration*,^{34b}.—Attack of violent pain in the sternum, on every inspiration (after seven hours),²².—Drawing pains in the lower portion of the sternum, extending towards the right side of the spinal column (third day),²⁵.—[1420.] Awoke at 4 A.M. with pains about the sternum, as if it were pressed in, lasting an hour, followed by profuse sweat, wherewith the pains disappeared,³⁵.—Severe pressure on the sternum (after 200 drops),¹⁴.—**Spasmodic pressure behind the middle of the sternum, in a spot about two inches in diameter, awoke him at night; this pressure extended into the bronchi, with sensation of constriction in them*,^{36b}.—Stitches in the upper part of the sternum and in the left lower leg,⁴².—Soreness behind the sternum,^{36b}.—Sore place behind the upper part of the sternum, on coughing,^{36b}.—1.30 P.M., beatings isochronous with the pulse under the top of the sternum (seventh day),⁴⁵.—Jerking in the sternum and right shoulder,⁴².—Sticking-jerking pains somewhat to the right of the lower portion of the sternum, extending straight through to the back, aggravated by motion and inspiration; the pains in the chest are aggravated by bending the body forward; the pains in the back are aggravated by bending backward; the pains in the chest are relieved by frequent eructations, and are accompanied by great restlessness (fifth day),²⁴.—**Sides.** Pain in the ribs of the right and left sides, on bending the thorax to that side (after half an hour),¹⁵.—[1430.] She is unable to take a deep breath, on account of pains in the ribs and vertebræ (fourteenth day),²⁵.—Both ribs are still painful to touch the whole day, worse in the afternoon, when again the cold sensation and pressure in the stomach, with difficult breathing, return (ninth day),²⁴.—Sudden cessation of the pains in the ribs, after supper (sixteenth day),²⁵.—Tensive pain in the sides of the chest (fourth day),¹⁶.—Drawing pain in the sides of the chest, extending thence into the abdomen (fourteenth day),¹⁶.—Pressure in the chest below both arms, compressing, as if the chest were constricted,³⁷.—Stitches in the side, at 4 A.M. (third day),³⁰.—Stitches just below the clavicle and in the cheek-bone,⁴².—Cannot take a deep breath on account of stitches in the side, lasting a quarter of an hour, at 4 A.M. (third day),³⁰.—The seventh and eighth ribs of both sides are painful to touch, and feel, on every inspiration, as if they had been injured; worse on the right side, where it is also more continuous than on the left (eighth day),²⁴.—[1440.] **Pain in the lower portion of the right wall of the chest, extending into the side, involving a place of a hand's breadth, aggravated by every inspiration* (after a quarter of an hour),²².—Sudden violent pain in the right side, in the region of the seventh and eighth ribs, aggravated by motion;

appeared after the sudden cessation of the headache, and lasted two hours, followed again by pressure in the brain (seventh day),²¹.—**Pain between the sixth and seventh ribs of the right side, on bending the thorax towards the opposite side* (after half an hour),¹⁵.—Transient pains in the right side of the chest,³⁸.—Sudden transient pain in the right side of the chest,³⁸.—An obscure pain, or rather a sort of numbness, in the whole right side of the chest (third day),⁴⁶.—**About 1.30 P.M., a dull deepseated pain in the whole right side of the chest, and in the corresponding shoulder, without cough, but with difficult respiration; this pain, which is accompanied at times by dull throbbing in the chest, does not allow of deep breathing; it is not much increased by moving the arms; is chiefly felt at the axilla and beneath the scapula* (fourth day),⁴⁵.—Drawing in the right side from above downward (second day),³².—Sticking in the right side of the chest, in the region of the nipple, while sitting, not aggravated by inspiration or expiration, without cough; it does not seem to be seated in the lung; afterwards the same pain appears in the left side (three hours and a half after 150 drops),¹⁴.—Stitches in the right side,²⁷; (after a quarter of an hour),⁴².—[1450.] Stitches in the right side of the chest, lasting two hours,³⁵.—Stitches in the right side behind the ribs,⁴².—Stitches in the right side, just beneath the breast, afterwards extending into the præcordial region,⁴².—Violent stitches in the right side of the chest, from 2 to 6 P.M.; she is obliged to inspire slowly and cautiously on account of the stitches; she could also only speak very softly, in the afternoon (fourth day),²⁴.—Severe transient stitches in the right side of the chest,³⁸.—Stitches in the right side of the thorax, lasting several minutes, which compel short respiration, and are intolerable when attempting to take a deep breath, several times,²³.—**Violent stitches in the lower portion of the right side of the thorax, on inspiration, aggravated by motion and by cough, at 2 P.M.* (third day),²⁵.—Stitches in the ribs of the right side,⁴².—Stitches in the ribs of the right side, on every inspiration,⁴².—***Stitches beneath the right ribs,**⁴².—[1460.] **Stitches below the right ribs,*³⁷.—**Sensation of soreness in the lowest ribs of the right side* (third day),²⁵.—Sore pain in the last right ribs (sixth day),²⁵.—Sore pain in the right lower half of the thorax, so that even the touch of the clothes aggravates the pain (third day),²⁵.—The ribs of the right side are painful to touch, as if sore (fifth day),²⁵.—1.30 P.M., deepseated pain, as from an abscess in the right side of the chest (seventh day),⁴⁵.—Pain in the left side,³⁸.—Pain in the left side of the chest,³⁷ ³⁸.—Pains in the left side, extending to the back, aggravated by motion (fourth day),¹⁷.—Pains drawing back and forth in the left side and back (fourth day),¹⁷.—[1470.] Transient pain in the left side of the chest,³⁸.—Tensive pain from the upper part of the left pectoral muscles towards the throat (after ten minutes),¹⁵.—Severe aching in the left lung,³⁹.—Pressure on the left side of the chest (after five minutes), (second day),¹⁵.—Pressure and oppression in the left side (first day),³⁰.—Pressure beneath the left clavicle, extending up into the throat,³⁷.—Pressive pain on the left side in the ribs (after ten minutes),¹⁵.—Sticking and burning in the left side of the chest, extending to the back (after three to four hours),³⁵.—Sticking pain in the left clavicle, then in the right forearm, and just below the right scapula,⁴².—Stitches in the lower part of the left thorax,³⁷.—[1480.] Stitches in the left side, extending towards the scapula (sixth day),¹⁶.—Stitches in the left side, while sitting,⁴³.—Stitches along the margins of the left ribs,³⁷ ⁴².—Fine stitches in the left nipple,¹⁴.—Jerking stitches in the left clavicle became very painful,⁴².—Soreness in the left lung; it is especially painful on coughing or sneezing,³⁹.—A sore sensation in the left

lung, which had been inflamed four months previous, aggravated by deep breathing,³⁹.—Pain, as if bruised, in the left side of the chest and in the left hypochondrium, aggravated by motion (second day),¹⁵.—Jerking in the left clavicle,⁴².—Wavelike pain in the left side of the chest (after one hour and a half),¹⁶.—[1490.] Pain in the right, then in the left side of the thorax,²⁷.—Dull pain beneath the ribs of the left side, afterwards on the right side, where it is more severe; it comes and goes, without being aggravated by anything special (three hours after 150 drops),¹⁴.—Stitches in the left, and then in the right side of the thorax (after some minutes),¹⁸.

Heart and Pulse.—Præcordium. Stitches in the region of the heart, through the left side of the chest; on inspiration, she can only take short and quick breaths (twenty-first day),²⁴.—Stitches in the præcordial region, with dry cough,⁴².—Violent stitches in the præcordial region six times in succession, with violent palpitation, anxiety, and uneasiness,⁴².—Stitches in the borders of the ribs about the præcordial region,¹⁸.—Stitches below the heart,³⁷.—Stitches just below the heart,⁴².—**Heart's Action.** Beating of the heart and pulse not perceptible (after seven hours),²².—[1500.] The beating of the heart is neither frequent nor irregular, but so much stronger than usual that she can perceive the motion of the clothes caused by its beating against the walls of the thorax; she hears the beating so loud that it seems as though others would hear it, for five minutes,²³.—Palpitation (first hour, first day, and first evening),³⁰.—Palpitation for an hour in the morning,⁴².—Palpitation for half a minute while walking in the street, and in the evening after lying down (she has never suffered from palpitation before), (eighteenth day),²¹.—Palpitation, with anxiety for several minutes, in the afternoon (second day),²³.—Short attack of palpitation after sitting, towards evening; she felt fatigued from an unusual exertion (nineteenth day),²¹.—Periodic palpitation at 1 P.M. (tenth day),²⁴.—Violent palpitation in the evening, often lasting several hours (from which she had formerly suffered after dancing),⁴³.—**Pulse.** Pulse decidedly more frequent than usual (small and compressible),⁴⁹.—From the fourth to the fifth day, a slight (permanent) increase in the frequency of the pulse and the tired feeling in the limbs, and a little heaviness,⁴⁵.—[1510.] Pulse 85 (seventh day),⁴⁵.—Pulse 90, full (after three hours),²².—Pulse 90 (second morning),²².—Pulse 90 (fourth day),²⁴.—Pulse 90 (usually 60 to 65), (fourth day),¹⁶.—Evening, pulse 90,⁴⁷.—Pulse about 100 through the day (fifth day),²⁰.—Pulse larger, fuller, but not more frequent than usual (third day),⁴⁵.—Hard, not rapid pulse (while sitting), (after three-quarters of an hour),⁵.—Pulse 68, with increased warmth of the whole body, at 5 P.M.,¹³.—[1520.] Pulse 62, full and hard (after one hour and a half),¹³.—Pulse 50 (usually 70),²³.—Feeble pulse,⁴⁷.—Pulse 50, irregular (after seven hours),²².

Neck and Back.—Neck. Swelling of the left side of the neck and left cheek; they are painful to touch (fifth day),²⁰.—Crackling in the cervical vertebrae on moving the neck,^{36b}.—***Stiffness of the neck** (after five minutes, one hour and a half, and four days),^{16 42}.—Stiffness of the left side of the neck (ninth day),³².—Stiffness of the left side of the neck on moving it,³⁹.—**Stiffness of the neck on moving the head, with painfulness on deep breathing*,³⁹.—[1530.] **Stiffness of the neck, especially of the nape of the neck*,⁵⁵.—**Stiffness of the neck and paralyzed pain*,^{36b}.—**Stiffness in the neck, with crackling of the vertebrae on moving the neck*; continues for several days,^{36b}.—Stiffness and paralytic drawing in the neck, with sensation as if it were broken on moving the neck,^{36b}.—Some stiffness of the neck,^{36b}.—Feeling of

stiffness in the neck (after a quarter of an hour),¹⁹.—**Awoke with painful stiffness of the muscles of the right side of the neck* (fourteenth day),¹⁶.—Stiff neck, especially noticed on turning the head,³⁹.—Neck stiff and painful (second day),^{36b}.—**Pain in the right cervical muscles and in the region of the right clavicle* (ninth day),³².—[1540.] Pain in the muscles of the right side of the neck, on moving the head, during the whole day (fourteenth day),¹⁶.—Pains in the neck, left shoulder, and left arm, becoming worse in the afternoon,^{36b}.—Pains in the upper cervical vertebræ, on turning the head, in the afternoon (fifth day),²⁴.—The pain in the neck was increased by turning the head to one side, or bending it backward (fourteenth day),¹⁶.—**Violent pains, extending back and forth from the vertex to neck, whereby the shoulders are drawn upward*,⁴².—Violent pains in the upper cervical vertebræ, aggravated by motion; the pains extend from the vertebra up to the vertex, in a spot as large as a bean, in which violent jerks and stitches are felt, at night,²⁴.—**Painful tension in a small streak in the right side of the neck, extending towards the shoulder, as if in the tendons, in the afternoon while sitting* (first day),¹³.—Sensation of constriction in the muscles of the neck, as if the head were drawn backward (tenth minute),²¹.—Sensation in the cervical muscles as if the neck were constricted by a band (second day),¹⁶.—The neck feels broken on raising the head,^{36b}.—[1550.] Drawing and stiffness in the neck (second day),³⁶.—Paralytic drawing in the neck,^{36b}.—Pains in the first cervical vertebra, aggravated by motion of the head and by pressure (second day),²⁴.—Drawing pain in the neck, over the right shoulder into the right wrist, ceasing for a few minutes, and then returning; worse on raising the arm, especially the right,³³.—Rheumatic drawing pain in the neck, worse on turning the head to the right or left,³⁹.—Drawing in the left side of the neck and left meatus auditorius,³⁸.—Drawing in the cervical muscles (after five minutes),¹⁶.—Drawing in the cervical muscles (two hours after 20 drops),¹⁴.—Pressive pain in the left cervical muscles (after ten minutes),¹⁵.—Sensation in the neck and in the scapulæ as if the bones would be torn from their places,²³.—[1560.] Heaviness in the nape of the neck (fourth day),^{34c}.—**Heaviness and tension in the muscles of the nape of the neck and in the occiput* gradually disappear (after nine hours),²¹.—Stiffness of the nape of the neck,³⁵.—Pains in the nape of the neck (ninth day),³²; (a quarter of an hour),³¹.—Pain in the nape of the neck and occiput (after a quarter of an hour),³⁰.—On waking in the morning, rheumatic or bruised pain (slight) at the nape and anterior portion of the neck, in the shoulders and arms (third day),⁴⁵.—**Drawing in the nape of the neck* (eleventh day),¹⁷.—Pressure in the nape of the neck,^{34a 34b}.—Pressure in the nape of the neck (after ten minutes),³³; (fifth day),^{31c}; (seventh day),¹⁶.—Stitches in the nape of the neck,⁴².—*Back in General.* [1570.] **Stiffness in the back and between the shoulders* (first day),¹⁸.—Pain in the back (after fifteen minutes),³⁵.—Pain in the back, as after immoderate muscular exertion, when turning over in bed (second morning),¹⁶.—Pain in the back, on rising after stooping (after one hour),³⁵.—Pains in the back and sacrum, in the afternoon, for three days,²².—Wandering pains in the back as far as between the shoulders,^{36b}.—Tension and pressive pain in the whole of the back, aggravated by stooping, and drawing around to the chest (after eight hours and a half),¹⁶.—Oppression of the back, extending around to the ribs,³⁷.—Drawings in the back,³³; (half an hour),¹⁹; (third and fourth days),^{34c}; (ninth and eleventh days),¹⁷.—Drawing in the back, in the evening (second day),¹⁷.—[1580.] Drawing in the back and headache prevent her going to sleep (first night),³⁰.—**Drawing from the nape of the neck down*

the back,^{34a}.—Waking soon after 4 A.M., with drawing in the back and headache (second day),³⁰.—Drawing pain in the back (fourth day),¹⁶.—Drawing pain in the whole of the back (first day),¹⁷; (third and fourteenth days),¹⁶.—Drawing pain through the back into the forepart of the chest, and thence into the walls of the abdomen as far as the navel (after an hour and a half),¹⁶.—Drawing pains in the back and chest, in the afternoon,^{36b}.—Pressure in the back, extending up to the shoulders, while sitting bent, relieved on becoming erect (after one hour and a half),¹³.—Drawing pressure in the back, extending into the sides of the chest, in the back teeth, in the left temple, and in the left parietal bone,¹⁸.—Sharp sticking near the spine in the middle of the back,³.—[1590.] Bruised pain, extending from the right scapula down the back,²³.—Bruised pain in the back, on motion (after ten hours),²².—Short transient pains, as from a blow, on the left side of the spine where the ribs cease to be felt; afterwards the same pain on the right side of the spine, then in the right tuber ischii; lastly, the same pain in the left cheek-bone,^{36b}.—Pains in the vertebræ the whole day (fifteenth day),²⁵.—Violent pain in the vertebræ and ribs as yesterday (fourteenth day),²⁵.—Pain in all the vertebræ, as if sore, aggravated by motion, and pressure on the spinal processes,²⁵.—**Dorsal.** *Pain in the spine between the shoulders (after half an hour),¹⁸.—Pains in the scapula and small of the back, the whole day (sixth day),²².—*Pains in the right scapula, on waking at 4 A.M., aggravated by inspiration, and also on moving the right arm; after rising the pains extended around the right side of the chest, and caused an oppression of the chest; after dinner the pains disappeared till 2 P.M., after which they became worse until evening (sixth day),²⁴.—Pain on the outer margin of the left scapula (after a quarter of an hour), (second day),¹⁵.—[1600.] Pain in the left scapula near the lower angle of the shoulder (after five minutes),¹⁸.—Pain below the left shoulder-blade,³⁷.—*Pain beneath the right shoulder-blade,³⁷.—Violent pain about the lower angles of the scapulæ, on every inspiration (second morning),²².—Sudden pain in the lower angle of the left scapula, aggravated by touch, at 9 A.M. (twentieth day),²⁴.—Sensation as if the shoulder-blade were sprained; she cannot move it at all (twenty-first day),²⁴.—Burning between the shoulders, at 1 P.M.,¹³.—Burning in a small spot on the upper part of the left scapula (after three-quarters of an hour),¹³.—*Pinching, cramplike pain on the inner margin of the right scapula, which obliged him to move the arm (after one hour),⁴.—Drawing pain between the scapulæ, extending down to the small of the back (first day),³⁰.—[1610.] Drawings between the shoulders, in the afternoon (fourth day),³².—Drawing on the outer margin of the left scapula (eleventh day),¹⁷.—Drawing pain in the left scapula and nape of the neck (first day),³⁰.—Drawing pain in the left scapula, extending thence into the left side of the chest (after half an hour),¹⁵.—Drawing pain on the outer margin of the left scapula (second day),¹⁷.—Pressure in the spine between the shoulders (after half an hour),²⁰.—*Pressure and oppression in the right scapula, extending through the thorax to the sternum,³⁷.—Pressure beneath the right scapula,³⁷.—Tensive pressure below the left scapula,³⁷.—Pressive pain in the left scapula, in the evening,³⁸.—[1620.] Pressive pain just below the left scapula and in the left side of the ribs, on motion (after one hour),¹⁶.—Dull pressive pain beneath the right shoulder-blade,³⁷.—Oppression between the shoulders,³⁷.—Sticking pain between the shoulders,⁴².—Stitches between the shoulders,³⁷ ⁴².—Several dull stitches between the shoulder-blades, in the afternoon while sitting (first day),¹³.—Stitches in the right side beneath the shoulder-blade, after five minutes in the perineum, and in

the testicles, and again in the right shoulder,³⁷.—***Stitches beneath the right shoulder-blade**,⁴².—**Stitches just below the right scapula*,⁴².—Stitches just below the right scapula, on every inspiration,⁴².—[1630.] Stitches beneath the left shoulder-blade,⁴².—Stitches below the left scapula,⁴².—Stitches just below the left shoulder-blade,³⁷.—Stitches extending from the lower angle of the left scapula forward through the chest (twenty-first day),²⁴.—**Lumbar**. Pain in the lumbar region, as from soreness (sixth day),²⁵.—Dull, deepseated pain on both sides of the lumbar region, corresponding to the kidneys (after half an hour),⁴⁵.—Stitches in the lumbar region, aggravated by walking, chiefly in the left side (third day),²⁴.—Pain in the lumbar vertebræ,^{36b} ⁴².—Pain in the lumbar vertebræ, as if they would be broken, on moving (second day),²².—Labor-like pains extending over the lumbar vertebræ, over the hips, and down into the abdomen,⁴².—[1640.] Sore pain in the lumbar and in the five lower vertebræ, worse from pressure with the hand and on every motion; some pain extending into the five lower right ribs, towards evening (thirteenth day),²⁵.—The pains in the lumbar vertebræ became more violent, and extended thence to the chest (second morning),²².—Pain in the last lumbar vertebræ (sixth day),¹⁶.—Pains in the last lumbar vertebræ, at 8 P.M. (first day),²⁴.—Pain in the last lumbar vertebræ, alternately with pain in the scapulæ, aggravated by motion (after half an hour),²⁴.—Pain in the last lumbar vertebræ on motion, in the evening while in bed (fourteenth day),¹⁶.—*Tearing pressure in the lowest lumbar vertebræ, extending forward to near the ilium; it seemed as though the vertebræ would be separated from each other, only on bending forward, or if he then again bent backward*, for several days, noticed even while walking (after eighty-six hours),⁵.—Sore pain in the last lumbar vertebræ, as if they had been sprained or broken (fifth day),¹⁶.—Pain in the last lumbar vertebræ, as if it would be broken,²³.—Dull stitches in rapid succession in the left loin, more towards the back (after ten minutes),³.—[1650.] She seems to have no strength in the small of the back; she cannot stand upright (first day),²⁴.—Pains in the small of the back (thirteenth day),²².—Pain in the small of the back and in the abdomen (fifth day),^{34c}.—Pain in the small of the back on moving, in the morning,²³.—Less pain in the small of the back, on bending the body forward (first day),²⁴.—Slight transient pain in the small of the back,³³.—Pressure in the small of the back, in the liver, and along the bend of the ribs, in the *linea mammalis*,^{36b}.—Violent sticking pains in the region of the kidneys, aggravated by motion (fourth day),²⁴.—Violent stitches in the region of the kidneys, on rising in the morning, causing her to cry aloud, whereby she sank down (third day),²⁴.—The bands of the clothes cause pain in the region of the kidneys,²⁴.—**Sacral**. [1660.] Pain in the sacrum,³⁷.—Pains in the sacrum, aggravated by motion (after two hours),²⁴.—Pains in the sacrum and in the region of the kidneys; these parts are very sensitive to pressure (second day),²⁴.—Pressure in the sacrum and abdomen,⁴².—Pressure in the sacrum, which slowly extends to below the scapulæ, and lasts from 6 to 10 P.M.,³⁷.—The lowest vertebræ and the scapulæ are painful to pressure (eighth day),²².

Extremities in General.—**Objective**. Trembling in all the limbs (after half an hour),²⁵.—Trembling in the limbs, with eructations and yawning,⁴².—Twitching of the arms and legs, and in the head on moving the arm (after ten hours),²².—Jerking in the arms and legs,⁴².—[1670.] Lassitude in the limbs (second day),⁴⁶.—Weariness of the limbs after rising (second day),³⁰.—Weariness and bruised sensation in all the limbs, as after a long walk,³⁹.—Weariness and fatigue of the limbs; it seems impossible

to move the leg suddenly; motion is difficult, and he dreads it, with yawning and sleepiness (after fifteen hours),⁴.—Great weariness in all the limbs,³⁵.—Loss of power in the limbs, especially in the lower legs (tenth day),¹⁷.—**Subjective.** Sensation of weariness in the limbs,⁴².—Paralytic sensation in the limbs,⁴².—Paralyzed sensation in the arms and legs (third day),³⁰.—Sticking and drawing in the left index finger, on the lower side of the left great toe, and on the lower end of the left ulna; the skin on these places pains as if burnt (after one hour and a half),¹⁶.—[1680.] Sticking pains, now in the arms, now in the legs,⁴².—Slight rheumatic stitches in the left hip, left knee, and right elbow, lasting five hours, till 10 P.M.,³⁹.—All the limbs feel bruised (after three hours),²².—Sensation as if bruised in the limbs (after half an hour),²².

Superior Extremities.—Trembling in the upper extremities (tenth day),²⁵.—Loss of power in the arms,^{34a}.—Loss of power and heaviness of the arms, as if weights hung on them (after one hour and a half),¹⁶.—Arms feel paralyzed (second day),³⁰.—Twitching in the right arm (first day),³⁰.—Feeling of weakness in the right arm, frequently intermitting (after half an hour),¹³.—[1690.] The right arm feels numb and paralyzed, with cold sensation; the temperature of this arm is lower than that of the left; relieved by rubbing, in the morning (fourth day),²⁴.—Violent pain in the left arm, extending from the shoulder down along the outer side, lasting half an hour (third day),¹⁶.—Paralytic drawing in the left arm,^{26b}.—Drawing pain from shoulder-joint into fourth finger (after ten minutes),¹³.—Drawing pain through the left arm (third day),¹⁶.—Tearing in the right arm,³⁸.—Tearing in the right arm and loss of power in it,³⁸.—Violent preservative tearing in the right arm and in the head,³⁸.—**Shoulder.** Paralytic sensation in the right arm,³⁸.—Pain in the shoulders, neck, and arms, extending to the wrists; these pains attack especially the left side; they appear in the afternoon, and are more persistent than in other provers (fifth day),³⁶.—[1700.] Pain in the shoulder, also extending to the arm (third day),³⁶.—*Pain in the right shoulder*,³⁷; (fourth day),¹⁶; (ninth day),³².—Pain in right shoulder, as after taking cold (after one hour),⁴⁵.—Pain in the right shoulder, worse on motion (fourth day),²².—Pain in the left shoulder (after one hour),³⁵.—Pain in the left shoulder, as if he had lain too long upon it (after five hours),³⁶.—Pain in the left shoulder and shoulder-blade, worse on touching the arm (after four hours),²⁵.—Pain in the left shoulder, extending into the deltoid muscle (after five minutes),²².—* *Violent pains in the right shoulder-joint, whence they have extended from the scapula*; if she attempts to move the arm she finds that she is unable to do it, because it gives rise to a sensation as if the arm were broken; with this the right arm is quite cold and stiff; the pains extend from the shoulder to the wrist; they gradually disappear during the forenoon (seventh day),²⁴.—Pain in the right shoulder very violent, more violent when the arm is at rest (after 150 drops),¹⁴.—[1710.] Continual pains in the right shoulder, more violent than on the previous day (fifth day),²².—Paralytic pain in the right shoulder, lasting a quarter of an hour,^{36b}.—A paralytic pain in the left shoulder and in the whole of the left arm (first day),¹⁸.—Pain in the left shoulder, as if it would be broken or strained (seventeenth day),²⁴.—Drawings in the shoulders,³⁸.—Drawing and pressure upon the shoulder towards evening, especially in the right scapula, and extending to the right side (third day),³².—Drawing in the right shoulder,³⁶.—Drawing in the left shoulder (third day),¹⁶.—Painful drawing in the left shoulder (^{36b}).—Paralytic drawing in the right shoulder (^{36b}).—[1720.] Pressure in the right shoulder, on mov-

ing the arm,²⁷.—Vague, pressive pain in the right shoulder (after a quarter of an hour),⁴⁶.—Stitches in the right shoulder,⁴².—Stitches in the right shoulder, extending up into the neck,⁴².—Stitches in the right shoulder and in the anterior portion of the right upper arm (after a quarter of an hour),⁴².—Stitches in the right shoulder and in the testicles,³⁷.—Stitches in the left shoulder-joint,⁴².—Several sharp stitches in the right shoulder-joint, in the afternoon during rest (first day),¹³.—Tearing in the right shoulder, in the afternoon,³⁸.—Tearings in the left shoulder and arm,³⁵.—Tearing pain in the right shoulder,³⁶.—[1730.] Bruised pain in the right shoulder (three hours after 150 drops),¹⁴.—Tearing pressure in the left axilla, and farther forward towards the nipple (after thirty hours),⁵.—Sticking in the left axilla (while sitting), (after two hours),⁶.—*Arm*. A kind of paralysis of the muscles of the upper arm, on moving them,³.—Rheumatic pains from the shoulders to the elbows,³⁷.—Pain in the right upper arm, extending along the inner side to the fingers,⁴².—Pain in the deltoid muscle and biceps of the left arm, on moving it, in the morning, so that I was unable to put on my coat without help (half an hour after 3 drops),¹⁷.—Pain on the outer side of the left arm above the elbow, on rising (second morning),¹⁵.—Drawing pain, extending from the left scapula into the left upper arm, followed by painful drawing in the back of the left hand,³⁸.—Paralytic pressure in the left upper arm (after two days),⁵.—[1740.] Sticking pain on the inner side of the right upper arm, extending down into the forearm, followed by a similar pain on the inner side of the left arm,⁴².—Stitches in the left upper arm,⁴².—Transient rheumatic stitches in the left upper arm, for only a few minutes,³⁹.—Tearings in the left upper arm, and drawings in the left hand,³⁸.—Tearing in the muscles of the right upper arm (after twenty-eight hours),⁵.—Tearing in the flesh of the left upper arm just below the shoulder, in the forenoon (first day),¹³.—Tearing in the middle of the right upper arm, as if in the marrow (first day),¹³.—*Elbow*. Pain just above the left elbow (after one hour and a half),¹⁶.—Pain just above the left elbow, then in the right shoulder, in the left side, in the right forearm, extending from one part to another (second day),¹⁶.—Burning pain at the tip of the left elbow (after nine hours),⁴⁵.—[1750.] Cramplike pain in the left elbow-joint, aggravated by bending the arm (after four hours and a half),⁴.—Stitches on the inner side of the left arm in the region of the elbow, frequently returning,³⁸.—*Forearm*. The muscles of the right forearm seem to have lost their power, so that it is with difficulty that they can be made to move, and they are painful on every motion and when taken hold of (after twenty-six hours),⁴.—Paralytic sensation in the left forearm,³⁸.—Rheumatic pain in the right forearm,³⁷.—Drawing in the left forearm, and thence into the palm of the hand, in which there was a twitching motion,¹.—Drawing pain in the left forearm (seventh day),¹⁶.—Drawing pain in the left forearm and on the back of the hand (tenth day),¹⁷.—Stitches in the left forearm,⁴².—Stitches in the left forearm above the wrist,⁴².—[1760.] Stitches through the inner side of the left forearm (after fifteen minutes),¹⁶.—*Wrist*. Trembling in the wrists (third day),²⁴.—Stiffness and an impediment in the right wrist, only noticed on moving it,¹.—The left wrist feels stiff in the evening,¹.—Pain in the outer side of the left wrist (seventh day),¹⁶.—Rheumatic pain in the right wrist,³⁷.—Stitches in the right wrist,^{37,42}.—Stitches in the right wrist, then in the right foot, then in the inner, then in the outer malleolus,⁴².—Stitches in the right wrist, afterwards in the left forearm, extending into the wrist,⁴².—*Hand*. The hands and forearms are œdematous and more swollen than on the previous day (fourth day),²⁴.

—[1770.] *The veins of the hands are swollen* (after fifteen minutes),¹⁶; (after a quarter of an hour),¹⁹; (first day),¹⁷.—The hands tremble when writing (fourth day),¹⁶.—Helplessness of the hand, while writing (after one hour and a half),¹⁶.—Dryness of the hands,⁴².—Numbness of both hands (after nine hours),⁴⁵.—The left hand seems heavy on raising it (first day),¹⁷.—Sensation of swelling of the left hand (first day),¹⁷.—Sensation as if the left hand were swollen, numb (without sensation), and paralyzed; she was unable to bend it; relieved by rubbing (after nine hours),²¹.—Tearing-sticking pain in the bones of the right metacarpus, very much increased by pressing upon them (after twenty-six hours),⁴.—Stitches in the left hand,⁴².—[1780.] Tearing from the left wrist to the tips of the two smaller fingers, relieved by rubbing (first day),¹³.—Pinching-tearing pain on the back of the right hand (after one hour and a quarter),⁴.—**Fingers.** Twitching in the fingers of the left hand (after twenty minutes),²¹.—The third and fourth fingers of each hand go to sleep (second day),¹⁶.—Pain in the right little finger,³⁷.—Burning in the muscles of the right thumb,³⁷.—Cramp in the fingers of the left hand (after twenty minutes),²¹.—Tonic cramp in the flexor tendons of the fingers; the closed hand could be opened only with difficulty, when there was no farther cramp, immediately after waking (fifth day),¹⁶.—Drawing on the left side of the left middle finger from the middle to the last joint (first day),¹³.—Violent drawing in the joints of the thumb (third day),¹³.—[1790.] Drawing pain in the left index finger (first day),¹⁸.—Drawing pain in the left middle finger (sixth day),¹⁶.—Drawing pain in the right fourth finger (sixth day),¹⁶.—Drawing pain on the inner side of the right fourth finger (sixteenth day),¹⁶.—Violent pressure in the left index finger (after 200 drops),¹⁴.—Pressive pain in the right thumb,³⁷.—Sticking pain, with heat, in the index and middle fingers (which had been injured by a blow eight weeks previous),³⁹.—Stitches in the third joint of the right index finger, afterwards in the second joint,³⁷.—*Stitches in the left index finger*,³⁷.—Stitches in the right middle finger,⁴².—[1800.] Frequently recurring tearing in the last phalanx of the right little finger, not affected by motion or touch (after three hours and a quarter),⁴.—Fine tearing in the metacarpal and carpal bones of the right thumb (after seven hours),⁵.—Fine tearing in the tips of the fingers of the right hand,⁵.—Paralytic tearing in the metacarpal bones and last joint of the thumb and index finger of the left hand,⁵.—Pain, as from a blow, in the second phalanx of the left ring finger,^{36b}.

Inferior Extremities.—Objective. Swelling of the legs; she was obliged to take off her shoes and loosen her garters; this oedematous swelling is especially noticed in the malleoli, also in the calves, in the afternoon (fourth day),²⁴.—The legs were so large and seemed so heavy that she feared she would have dropsy (fourth day),²⁴.—Stumbling gait (after half an hour),²².—She could only totter to bed (after three hours),²².—Weakness of the legs,⁴².—[1810.] Loss of power of the legs, while walking, chiefly of the lower legs (after one hour and a half),¹⁶.—Loss of power, stiffness, and coldness in the right upper and lower leg (seventeenth day),²⁵.—Heaviness and stiffness in the legs (fourteenth day),²⁵.—Heaviness in the legs, as if she were obliged to carry forward a great weight with every step (fourth day),²⁴.—Limbs feel paralyzed and dead (after three hours),²².—Wandering pains in the joints of the lower extremities, especially of the left, almost only during rest (one hour after 30 drops),¹⁴.—Crying as soon as the left leg is moved or the left side touched (second day),²⁸.—Burning in the left leg (after nine hours),²¹.—Drawing in the legs (second day),¹⁷.—Drawing pain in the right leg and through the left lower leg (first day),¹⁷.—[1820.]

Drawing pain in the left leg from the hip to the foot (after ten minutes),¹⁵.—Paralytic drawing pain, extending from the hip-bone to the toes of the right foot, the same while walking, sitting, or lying, and disappeared suddenly (after thirty-nine hours and a quarter),².—Flying stitches in right leg (10 to 60 grains),⁵⁰.—**Hip.** Pain in the right hip, on rising from a chair (sixth day),¹⁶.—Pain above the left hip, as if something thick were there and it sagged down,¹.—Numb pain in right hip and right knee (seventh day),⁴⁵.—Dislocated pain in the left hip, which almost prevents walking (after ten hours),⁴⁶.—Drawing pains in both hips, in the afternoon,^{36b}.—Sticking in the left hip,⁴².—Sticking in the left hip-joint (after half an hour),¹⁵.—Stitches in the right hip,⁴².—**Thigh.** [1830.] Twitches on the inner side of the thigh, in the feet, and in the whole of the back,⁴².—The anterior surface of the thigh goes to sleep, with fine stitches and smarting pain (from the external use),¹.—Paralytic pain in the thighs just above the knees (third day),¹⁶.—Paralytic pain in the middle of the right thigh, then in the left thigh, afterwards in the left lower leg, and at last in the left foot, similar to that experienced in the arms,^{36b}.—Sensation of swelling in the thighs; of two hands' breadth, midway between the hip and knee (fourth day),²⁴.—Frequent waking from tensive pains in the thighs for two hands' breadth in the middle of the thigh, between the hip and knee (fourth day),²⁴.—Drawing pain in the inner side of the right thigh (first day),¹¹.—Drawing pains in the lower portion of the rectus femoris muscle, ascending thence into the knees, sometimes into the patella, when they gradually disappear (eighth day),¹⁶.—Pressure on the upper part of the left thigh,⁴².—Pressive pain in the middle of the right thigh, in the rectus femoris (after half an hour),¹⁸.—[1840.] Stitches on the inner side of the right thigh,⁴².—Stitches on the inner side of the left thigh,³⁸.—Tearing pain in the thigh,³⁸.—Bruised pains in the thighs, extending into the calves, worse when walking and when touched (fourth day),²⁴.—Pain, as from a blow, in the middle of the right thigh,^{36b}.—Pain, as from a blow, in the left thigh, three fingers' breadth from the hollow of the knee,^{36b}.—**Knee.** *A kind of paralysis and immobility of the left knee and thigh, while sitting,*³.—Twitching in the knees (first day),³⁰.—*Trembling of the knees* (after three-quarters of an hour),⁴²; (fourth day),²⁴.—The knees knock together, while standing and walking (after twelve hours),⁴.—[1850.] Stiffness of the knee-joint (fourth day),²⁴.—Sensation of stiffness in the left knee, with burning in the joint,¹⁹.—Heaviness of the knees and lower legs, as if she could not continue to walk (fourth day),²⁴.—Pains in the knees (second day),³⁰.—Pain in the knees, as after a long march (after one hour and a half),¹⁶.—Sudden violent pain in the knee, aggravated by stepping (first evening),²⁴.—*Pain in the right knee* (third hour),²⁵; (third and fifth day),^{34c}.—Pain in the inner side of the right knee (after a quarter of an hour),¹⁸.—*Pain in the left knee* (first night),²⁴; (ninth hour),²¹.—Pain in the knee-joints (after two hours),²¹; (fourteenth day),²².—[1860.] Pain in the knee-joint, as after a fatiguing march, chiefly on the posterior surface of the patella, worse when walking, in the evening (fourteenth day),¹⁶.—When walking, the pain in the hip extends to the knee, and affects it so that the whole limb feels out of joint (after twelve hours and a quarter),⁴⁶.—Pain in the right knee-joint, aggravated by motion (after ten minutes),²³.—Pain in the hollow of the knee, on walking,²⁷.—Pain in the hollow of the left knee (fifth day),²⁰.—Violent pain in the left knee (fifteenth day),¹⁶.—She is able to extend the left leg only with most violent pains in the knee (after two hours),²¹.—Transient pain in the right knee,^{36b}.—Painfulness in

the knee-joint, on touch, as if sprained (after nine hours),²¹—Boring pain in the right knee and forepart of the ankle,⁴².—[1870.] Pain in the right knee, as if it would be broken,²³.—Pain in the patella, when walking (second day),¹⁷.—Pain in the right patella (after one hour and a half),¹⁶.—Drawing in the left knee,³⁸.—Paralytic drawing in the knees and lower legs (after eight hours and a half),¹⁶.—Paralytic drawing in the joints of the knees, hands, and feet (fourth day),²⁴.—Pressive drawing in the forepart of the right knee, especially on bending it (second day after 100 drops),¹⁴.—*Severe pressure two fingers' breadth below the right patella*,⁵.—*Severe pressure two fingers' breadth below the left patella, more towards the inner side*,⁵.—Pressive pain in the left knee and left lower leg (half an hour after 30 drops),¹⁴.—[1880.] Sticking pain in the left knee,⁴².—Stitches in the right popliteal space,⁴².—Stitches in the right popliteal space (while sitting), (after two hours),⁶.—Sore pain in the knee-joint, increased by pressure (after two hours),²¹.—Sensation of soreness in the lower articular surface of the left knee; when walking she was obliged to carry forward the left leg stretched out, and if the knee was bent could only stretch it slowly, in order to avoid most violent sore pains in the knee-joints; sudden cessation of the pains twenty-four hours after taking the drug,²¹.—**Leg.** Twitching in the calves (first day),³⁰.—Pains in the calves and lower portion of the thigh; the calves are painful when touched; she can only move the legs with difficulty when walking, and the knees frequently knock together (fourteenth day),²².—Paralytic sensation of the left lower leg (after half an hour),¹⁵.—Paralytic pain in the lower legs, aggravated by walking, in the evening (fourteenth day),¹⁶.—Sensation of paralysis and coldness in the lower legs, lasting until evening (first day),¹⁵.—[1890.] Burning in the lower part of the left calf, in the afternoon while sitting (first day),¹⁸.—Boring in the bones of the right lower leg (one hour after 200 drops),¹⁴.—Sticking-boring in the left tibia,⁴².—Tension in the right calf, in the evening (fourth day),³².—Tension and sticking in the calves, in a bent position, disappearing on stretching them (after one hour),²³.—Great tension in the lower legs (fourth day),²¹.—Cramp in the calves, with heaviness in the legs, as if a weight were hanging on them (after three hours),²⁵.—Drawing in the legs from the knee to the great toe (after one hour),³⁵.—Drawings and tearings, extending from the knee to the feet,³⁵.—Drawings in the calves (fifth day),^{34c}.—[1900.] Drawings in the calves, extending into the knees and thighs,³⁵.—Painful drawing on the inner side of the left lower leg, in the evening (fourteenth day),¹⁶.—Drawing pain through the right tibia to the back of the foot (after fifteen minutes),¹⁶.—Drawing pains in the calves (second day),³⁰.—Drawing pain in the inner side of the right tendo Achillis (seventh day),¹⁶.—Drawing-down pain in the left calf,⁶.—Sticking pain in the right tibia above the ankle,⁴².—Sticking pain in the right calf, extending to the foot,⁴².—Stitches in the left lower leg,⁴².—Pains in the lower legs and forearms, when touched (fourth day),²⁴.—**Ankle.** [1910.] Ankle painful, more when walking, as after a false step (fifteenth day),²⁵.—Pain in the left ankle,^{30b}.—Pain in the left ankle, chiefly when walking,³⁷.—Pain, as if sprained, in the ankle, the whole day, worse in the right (sixteenth day),²⁴.—The pain in the tibio-tarsal joint also assumes the character of that caused by dislocations or sprains (after ten hours),⁴⁰.—Painful pressure at the external portion of the tibio-tarsal articulation (immediately below the malleolus on the right side), (after three-quarters of an hour),⁴⁰.—Pressure in the right ankle (after seven hours after 150 drops),¹⁴.—Pressive pain in the right ankle, while sitting

(after one hour and a half),⁷.—Stitches in the left inner malleolus,⁴².—Stitches below the right inner malleolus,⁴².—**Foot.** [1920.] (Stiffness in the tarsal joints, as if sprained),¹.—Feet feel paralyzed (after nine hours),²¹.—Pain in the right foot, extending into the toes,³⁸.—Continued pain in the foot just below the right inner malleolus,⁴².—Dislocated pain in the foot (second day),⁴⁶.—Sticking pain in a corn on the right foot,³⁸.—Burning-sticking pain in the metatarsal bones and in the toes of the right side,³⁸.—She could not wear her shoes because they seemed too narrow, though ordinarily they were too large (fourth day),²⁴.—Stitches in the left foot, thigh, right thigh, and right foot,⁴².—Pain, as from a blow, in the lower portion of the left metatarsus,^{36b}.—[1930.] Bubbling pain in the back of the left foot (after nine hours),⁷.—Drawing in the back of the left foot (two hours after 20 drops),¹⁴.—Pressive pain on the back of the left foot (after ten hours),¹⁶.—Sticking in the left instep, while walking in the open air, at 3 P.M.,¹³.—Pain under the left heel and under the right inner malleolus, on every step (after four hours),¹⁶.—Burning in the soles of the feet,³⁵.—Cramp in the sole of the right foot, which, together with the toes, is bent under; the toes seem dead and are without sensation; the cramp is relieved by grasping the calf with the hand, but is aggravated by attempting to step (after twelve hours),².—Sticking, as with needles, under the left heel (after nine hours),²¹.—Stitches in the right heel,³⁷.—**Toes.** Pain in the right third toe,³⁸.—[1940.] Pain in the fourth and fifth right toes,³⁸.—Drawings in the left great toe,³⁷.—Painful pressure in the right toe, making walking very troublesome; the part feels as if hurt by a too hard or too tight shoe, but she took off shoes and stockings without any relief (after three-quarters of an hour),⁴⁸.—Intolerable pain in the toes, as if they were hurt by tight shoes (seventh day),⁴⁵.—Sticking in the great toe,³⁷.—Sticking in the right great toe,³⁷.—Stitches in the right third toe,⁴².—Stitches in the fourth and fifth right toes,⁴².—Frequent stitches in the right great toe,³⁷.—Pain, as from a blow, in the two smaller toes of the left foot, in the evening, in bed,^{36b}.

General Symptoms.—Objective. [1950.] She lost flesh during the proving (fourteenth day),²².—Emaciation (tenth day),²⁴.—The clothes that were tight before the proving are now very loose; she can no more use her thimble because it falls off her finger,²⁴.—The whole body is in an excited condition,³⁷.—General excitement of the body, in the evening from 10 to 11½,³⁷.—Trembling of the whole body (after three hours, and second morning),²².—Trembling of the whole body, as after a long march,³⁹.—Relaxation of the whole body,⁴².—Relaxation and weakness of the whole body, so that she was obliged to sit down (after half an hour),²⁵.—Indolence of the whole body, with uneasiness,⁴².—[1960.] Great indolence and sleepiness the whole day (third day),¹⁸.—*Great indolence and sleepiness, without yawning* (after six hours),³.—Indolent, weary, and exhausted,³⁵.—Indolent, prostrated, sleepy; these symptoms disappear in the open air (after one hour and a half),¹³.—Disinclined to work, indolent all day,³⁹; (thirteenth day),¹⁷.—Disinclination to move (fifth day),²⁴.—Unconquerable dislike to moving about (after six hours),⁴⁵.—A kind of horror of movement, but without any change of mood,⁴⁸.—Great heaviness and disinclination for work, with sleepiness after a meal,⁴.—Inclination to lie down, without being sleepy and without being able to sleep,³.—[1970.] He cannot be made to sit or lie, must be carried constantly (second day),²⁸.—Weariness (ninth day),¹⁷; (fourteenth day),¹⁶.—Weariness the whole day,³⁸; (fourth day),²⁹.—Weariness and loss of power in the limbs (after two hours),³¹.—Weariness and disinclination for exertion,⁵².—Weariness and bruised sen-

sation, especially in the lower limbs, knees, and ankles,³⁹.—Weariness and sleepiness (fifth day),²⁰.—Weariness, and sound sleep for half an hour after dinner (first day),¹⁶.—Weariness, without being able to sleep (seventh day),³².—Great weariness,^{23 37}; (after one hour and a half and second day),³⁵.—[1980.] Great weariness; it seems as though she would fall asleep while sitting (first day),²⁴.—Great weariness in the morning,³⁷.—Such great weariness, in the morning on waking, that it was with difficulty that he could decide to rise,⁹.—Great weariness after dinner,³⁸.—Great weariness and loss of power in the limbs (second day),²⁵.—Great weariness and disinclination to make any exertion, in the afternoon (first day),¹⁸.—Great weariness and prostration, so that he could not walk much (fifth day),²⁰.—Great weariness and sleepiness,³⁵.—Great weariness and sleepiness, on waking (second morning),¹⁶.—Weak, while walking in the open air; while sitting he felt weak only in the limbs (after half an hour),¹³.—[1990.] Weak, indolent, prostrated, with yawning, at 2 P.M.,¹³.—Weak in the night, with pain in the region of the kidneys; soon fell asleep again (twentieth day),²⁴.—Weakness in the morning after an uneasy sleep,³⁵.—Weakness and indolence of the limbs,³⁹.—Weakness and loss of power in thighs (after three hours),³⁵.—Weakness and prostration of the whole body,²³.—Great weakness, exhausted by slight exertion (sixth day),²⁵.—Loss of power, while walking (after half an hour),¹³.—Great exhaustion; she was unable to move (after ten hours),²².—Was obliged to eat a more hearty breakfast than usual in order to relieve the sensation of exhaustion, and great hunger through the whole proving,¹⁶.—[2000.] On rising from bed, faintness, so that she was obliged to lie down again (after seven hours),²².—Long-continued faintness (after seven hours),²².—Attacks of faintness, with sensation of anxiety in the chest, trembling, and short cough, on undressing in the evening; she was obliged to lie down in bed, when she soon fell asleep (fourth day),²².—Restlessness in bed in the forepart of the night,³⁷.—Very restless in bed the forepart of the night, good sleep the latter part,³⁷.—Constant restlessness in all the limbs, which compelled her to move; she endeavored to stand still, but she was obliged to keep stepping and moving the arms; the sensation that impels her to this is indescribable; she is obliged to walk back and forth for several minutes, after which she could again stand quietly; she had a similar attack five days before (after taking the tincture) while sewing, which she had been unable to describe clearly; she was obliged to rise constantly and walk about, after which the uneasiness in the limbs soon disappeared,²⁴.—Uneasiness, and a certain anxiety, as if she had committed a great crime, on account of which she must run away, and could nowhere find rest (after three hours),²².—Internal uneasiness,⁴².—Constant internal uneasiness,⁴².—Continual inclination to move about from place to place (fourth day),⁴⁵.—[2010.] In the evening while sitting upon the sofa, although she had pains in the head and chest, she was constantly obliged to rise and walk about; she could not for the world remain sitting; she grasped the forearm with the hand, and clasped her hands together; during this attack she could not think or speak of her condition; after a few minutes, during which she walked about the room, she was obliged to sit down again; during this muscular restlessness she felt no pains in the chest or head; afterwards the pains returned; at first she attempted to remain sitting, but was obliged to rise to her feet (fifth day),²⁴.—*Sensations*. (Insensibility and numbness of the whole body, as from apoplexy, with trembling and unaltered pulse),¹.—A kind of general numbness, with drowsiness (after six hours),⁴⁵.—Feels extraordinarily well, with

lively mood (fifth day),³⁷.—General sick feeling,^{36b}; (fourth day),¹⁶; (tenth day),²⁴.—Discomfort of the whole body (after one hour and a half),¹⁶.—*Great discomfort; he feels unwell, without knowing what is really the matter; he is obliged to lie down, without being able to sleep, and is discontented with everything*,³.—General sensation as of influenza, from which he had formerly suffered (fourth day),¹⁶.—Wandering pains in all parts of the body,³⁷.—Wandering pains in the upper extremities, in the forehead, in the sides of the nose, and in the superior maxillary bones (one hour after 30 drops),¹⁴.—[2020.] Rheumatic pains, now in the right, now in the left side of the body,³⁹.—Rheumatic symptoms in all parts of the body (to which he had formerly been subject),³⁷.—Drawing throughout the whole body,⁴².—Drawings in the whole body, lasting three hours, and gradually disappearing towards noon,³⁵.—Drawings in the head, teeth, toes, and shoulders,⁴².—Rheumatic drawings in the right upper half of the body, shoulders, upper and forearms, wrists,³⁹.—Drawing pains in the whole body, with fluent coryza,³⁷.—Drawing pain in the left upper jaw, left nostril, left eye, left meatus, left temple, left half of the neck, left scapula, and left ankle (fifth day),²⁰.—Drawing rheumatic pains here and there the whole day,³⁸.—Tearing and sticking here and there the whole day, but worse in the right leg, extending from above downward,³⁸.—[2030.] Some transient needle-like stitches alternately in various places, now in one hand or one arm, now in one foot, now the knee, in the abdomen, etc.,³.—Bruised feeling over the whole body, as after a long march,³⁹.—Feels as if bruised, on moving about (after one hour and a half),¹⁶.—The pains are not severe, last only a short time, change their locality, and return to the first place by noon (second day),¹⁵.—Pains remained the whole day (third day),¹⁷.—If the pain attacks any new part it leaves the previous one (after ten minutes),¹⁵.—The symptoms disappear very soon,²¹.—The symptoms disappear almost immediately after leaving off the medicine,⁴⁵.—Symptoms disappear during the ninth, tenth, eleventh, twelfth, and thirteenth days, but return on the fourteenth day,¹⁶.—The symptoms generally returned at noon after eating (except the chill, instead of which there was internal heat, with internal burning between the chest and shoulders),⁴³.—[2040.] In the afternoon the pain is more continuous and spasmodic,³⁸.

Skin.—Objective. A red spot on the right cheek (after half an hour); this red spot gradually involved the whole cheek,²⁴.—*The last phalanx of the fingers of the right hand become yellow, cold, and as if dead, the nails blue* (after one hour),⁷.—A red spot, not raised, hardly visible, with burning-itching between the breasts (third day),⁴⁶.—About midday, a red spot, as of herpes, on the sternal region, where the day before there was only a burning pain, which now becomes more intense, without altering its character; a little later the same kind of feeling, but still without redness, is experienced in various very circumscribed portions of the shoulders, trunk, and arms (these annoying symptoms last all through the proving), (third day),⁴⁵.—Red circular spots on left cheek (second day),²⁹.—Round red spots the size of a half dollar, and accompanied with burning pain on the palmar surface of the forearms (sixth day),⁴⁵.—Burning, dark-red, circular spot on the left cheek, gradually becoming larger from 2 to 6 P.M. (second day),²⁸.—A burning, dark-red, circular spot on the right cheek, gradually becoming larger from 2 to 4 P.M. (after four hours),²⁸.—A red areola around a small scab on the nates reappears, and becomes dark red,²⁹.—[2050.] A crack behind the right ear (after one hour and a quarter),¹³.—A crack below the left lobule (after half an hour),¹³.—**Eruptions,**

Dry. Red, hot, round, somewhat elevated spot on the left cheek, lasting two hours, after the relief of the pains in the cervical vertebræ, at 2 P.M. (second day),²⁴.—Many red spots, with somewhat elevated points in the centre, which feel rough, in the upper part of the right cheek; on the left cheek a circumscribed red spot as large as a ten-cent piece (after one hour),²⁴.—Bright red spots as large as peas, mostly confluent, with a pimple in the middle, on the whole face, excepting the forehead, severely burning when touched, in the morning, disappearing in the evening (second day),²⁵.—Small, circumscribed, red spot on the left cheek, which within a quarter of an hour reaches the size of a half dollar, is circular, dark red, and somewhat elevated (after four hours),²⁴.—The scrotum was covered with dry, red, cracked, thin scurf; the next day it was perfectly normal (third day),²⁵.—Papular exanthema, with red base, on upper lip and right cheek (70 to 140 drops),⁴⁹.—Tetter on the back of the left hand, which he had had sixteen years previous, and which manifested itself every year by a slight roughness of the skin, returned in an aggravated form; the back of the hand was much swollen; red radiating spots appeared, with itching, without becoming moist, followed by desquamation,³⁹.—Red, elevated, inflamed pimples, with a spot in the centre, as if a small boil would form; disappeared after a few hours, in the middle of the forehead (second morning),¹⁸.—[2060.] Small pimples on the left margin of the upper lid, where a white vesicle forms, which after opening has a burning pain,^{36b}.—Eruption of red pimples here and there on the wings of the nose,³⁵.—Eruption of pimples on face (in one prover),⁵².—Pimples and pustules on face, especially in frontal and temporal regions, on cheek, ala nasi, and upper lip, chiefly of left side; they came in groups of three or four; sixteen were present at the same time. Whilst the pustules in face dried up fresh ones appeared, which, after leaving off the medicine, disappeared in a few days (70 to 100 grains),⁵⁰.—Red pimples here and there on the cheeks (third day),²⁹.—A pimple on the right cheek near the angle of the mouth, somewhat sensitive only to pressure, at 3.30 P.M.,¹³.—Red round spots close together, with painful pimples in the middle, around the right cheek (fourth day),²⁹.—A small, indolent pimple on the thick portion of the lower lip (third day),⁴⁵.—Small pimples near the right corner of the mouth, with red areola, as in the former proving,²⁹.—Red pimples on the chin (fourth day),^{34c}.—[2070.] External pimples on the rectum four millimetres in diameter (third day),²⁶.—Small pimples on the back and loins,³⁸.—Red, indolent pimples here and there on the shoulders and arms (third day),⁴⁵.—Red, indolent pimples here and there on the thighs and nates (seventh day),⁴⁵.—Pimples, like chicken-pox, with red areola, on the right nates (third day),²⁵.—Some red pimples with white tips on both thighs, with biting, corrosive itching,¹.—**Eruptions, Moist.** Small, yellow, burning blisters on the right wing of the nose and on the left side of the lower lip; the next day there is a fine yellow scurf in place of the blisters (thirteenth day),²⁴.—Vesicles on the lips and wings of the nose, followed by scabs (second day),³³.—In the mucous membrane of the lower lip a vesicle filled with limpid serum appeared, which, after bursting, grew flat and disappeared (20 to 50 drops),⁴⁹.—Small blisters, with red areola, near the corner of the mouth (third day),²⁸.—[2080.] The blisters on the scrotum become flattened toward evening, and deprived of their epidermis; the skin is raw, red, and somewhat swollen, and secretes moisture in the evening (second day),²⁸.—**Eruptions, Pustular.** Several small stinging pustules in various places,³⁸.—Large pustules on the forehead,³⁵.—An eruption of pimples on the cartilage of the

left upper lid, with pus, with pressive pain in them when touched, or when closing the eyes,⁵.—Pustules on the right cheek similar to chicken-pox (eighth day),²².—Pustules upon the breast (thirteenth day),²².—Small pustules, with red areola, on the left side of the neck, on the left scapula, and on the left hand (fifth day),²⁰.—Small furunculus about middle of right under jaw (70 to 100 grains),⁵⁰.—**Subjective.** Skin dry, and as if contused, on the entire chest and on the neck (third day),⁴⁵.—Sticking sensation here and there in the skin, with constant sensation of coldness, especially in the hands and feet,^{36b}.—[2090.] Stitches in the skin and various portions of the body, in the afternoon,^{36b}.—Stitches, as with needles, here and there in the skin, in the evening,^{36b}.—Some needle-like stitches in the skin and various portions of the body,^{36b}.—Itching of the skin,³⁵.—Itching of the skin of the whole body,³⁸.—Itching and sticking here and there in the skin,³⁸.—Itching here and there in the skin, especially on the back, arms, and legs,³⁸.—Violent itching over the whole body,³⁸.—Burning pain above the left corner of the mouth, in the skin (after half an hour),¹⁵.—Burning pain in the skin of the cheek near the ear (first day),¹⁸.—[2100.] Burning and itching in a place in the hand that had been scratched by a thorn (after half an hour),¹⁵.—Some burning, painful spots, with stitches in the middle of them, in the upper part of the tendo Achillis; the pain is aggravated by scratching,⁸.—Persistent burning pain on one spot of the skin to the left of the sternum, four fingers' breadth below the clavicle; there is not the least redness, but the skin feels at this place (which is not larger than a quarter-dollar) as if heated by rapid friction with a woollen cloth (second day),⁴⁵.—The painful place in the cheek feels as if swollen and suppurating, but the swelling is not visible (fourteenth day),²².—The skin is painful to touch on the left side just above the eyebrow,^{36b}.—Itching-biting of the right cheek; after rubbing it appears in the left cheek (after half an hour),¹³.—Feeling of tingling in the arms (second day),³⁰.—Tingling and creeping in the feet, as after a long march,³⁹.—The crawling and itching became intolerable,³⁷.—Transient crawling in the forehead,³⁸.—[2110.] Crawling in the frontal eminences at short intervals,³.—Crawling in the tip of the nose,³⁷.—Crawling and itching in the scrotum, lasting three or four minutes, with urgent desire to urinate,³⁷.—Crawling in the right hand, and after half an hour in the perineum,³⁷.—Crawling in the right thumb,³⁷.—Crawling in the last joints of the right toes,³⁷.—Itching in the middle of the forehead, relieved by scratching (after one hour and a quarter),¹³.—Itching above the left eye, relieved by scratching (after one hour and three-quarters),¹³.—Itching of the left upper lid, disappearing on scratching (after half an hour),¹³.—Itching of the outer ear, relieved by scratching (after three-quarters of an hour),¹³.—[2120.] Itching of the right ear,³⁷.—Itching in the right concha,¹⁹.—Itching in the left side of the nose, relieved by scratching (after three-quarters of an hour),¹³.—Itching of the tip of the nose,^{37 42}.—Itching on the skin of the face,^{36b}.—Itching here and there in the face, only while sitting, in the afternoon,¹³.—Itching, now here, now there, in the face and head, seldom relieved by scratching, at 2 P.M.,¹³.—Itching in the right corner of the mouth, relieved by scratching (after one hour),¹³.—Itching above the upper lip, relieved by scratching, after supper,¹³.—Itching on the abdomen,³⁸.—[2130.] Itching of the skin of the abdomen, chest, and along the left ribs,³⁸.—Itching on the scrotum,¹⁹.—Itching of the right nipple, where it, indeed, disappeared on scratching, reappeared on the zygoma, then in the left nipple, then above the left temple, where it finally disappeared on scratching (after half an

hour),¹³.—Itching in the right side of the neck, relieved by scratching, but returning (after one hour and a half),¹³.—Itching of the coccyx,³⁷.—Itching on the outer surface of the right upper arm, relieved by scratching (after one hour and a quarter),¹³.—Itching in the palm of the hand, and on the right thumb, only relieved by scratching; after a long time returns more severe than ever (after one hour),¹³.—Itching in the left palm,³⁸.—Itching on the unguis phalanx of the right middle finger, in the bend of the joint (after one hour and a half),¹⁶.—Itching of the second joint of the left middle finger,³⁷.—[2140.] Itching in the ball of the last phalanx of the left middle finger, only relieved by rubbing a long time, while walking in the open air (after three-quarters of an hour),¹³.—Itching on the hips, as if sweat would break out (when walking), although the weather was quite cool (after four hours),⁴⁵.—Itching of the skin of the right lower leg, so that several places were scratched sore,^{36b}.—Itching on the outer surface of the left lower leg, relieved by scratching (after three-quarters of an hour),¹³.—Itching on the left tibia; the place burns after scratching, at 6.30 P.M.,¹³.—Itching on the inner surface of the right calf, not relieved by scratching, at 5 P.M.,¹³.—Itching on the right ankle, and afterwards on the left,³⁷.—Itching below the ball of the left foot, with sticking beneath the little toe,³⁷.—Itching on the back of the left foot (third day),¹⁶.—Itching in the sole of the right foot,³⁷.—[2150.] Itching in the left toes,³⁷.—Itching at the base of the left toes, relieved by scratching (after one hour and three-quarters),¹³.—Transient stitching in the glans,^{36b}.—Slight itching of the vulva (second day),⁴⁶.—Much itching of the skin of the back, calves, and tibiæ,³⁸.—Violent itching of the scrotum (third day),¹⁶.—Violent itching on the back of the right hand near the joint of the third finger,¹⁵.—Violent itching of the calves and tibiæ, also of the back, forearms, and sides, from the hips to the axillæ, especially in the afternoon and towards evening, so violent that I scratched my calves sore,³⁸.—Burning-itching in the right cheek near the ear,¹⁹.—Burning-itching on the anterior side of the left hip-joint (after ten minutes),³.—[2160.] Painful sticking-itching in a small spot on the outer side of the left arm just above the wrist (second day),¹⁷.—Corrosive itching on the arms and legs obliges him to scratch,⁴².

Sleep and Dreams.—**Sleepiness.** Yawning,²⁷.—Yawning, as if he had not slept enough (after half an hour),¹³.—Yawning, stretching, sleepiness, as after being awake all night,³⁹.—**Frequent yawning,**^{23 29}; (half an hour),^{24 25}; (third hour),²⁵; (first day),¹⁸; (second day),^{17 23}; (fourteenth day),¹⁶.—Frequent yawning for an hour and a half (after half an hour),²⁴.—Frequent yawning and stretching, with disinclination to work (after one hour),⁴⁰.—Frequent yawning and eructations of air (eighth day),²⁴.—Frequent yawning, with pain in the sternum, just above the pit of the stomach,³⁹.—[2170.] Constant yawning, for ten minutes,⁴².—Excessive repeated yawning, after which the pain in the forehead was relieved, in the evening (fourteenth day),¹⁶.—Frequent stretching and yawning (fifth day),¹⁶.—***Sleepiness,**^{35 38}, etc.; (after fifteen minutes),¹⁶.—Sleepiness at 10 A.M.,³⁷.—Sleepiness in the afternoon,³⁷.—Sleepiness in the evening (first day),^{36 37}.—Sleepiness early in the evening, followed by sound sleep in the night,³⁹.—The eyes will close from sleepiness (after one hour and a half),¹³.—Great sleepiness an hour after dinner (second day),¹⁷.—[2180.] Great sleepiness towards evening; when she awoke she immediately fell asleep again (third day),²¹.—***Frequently sleepy through the day,**⁴³.—Desire for sleep,⁵¹.—Inclination to sleep, with great weariness (after half an hour),²⁵.—Sleepy indolence, with yawning and stretching, throughout the day,³⁹.—Drowsiness

about 2 P.M., as on the two preceding days (third day),⁴⁶.—About 2 P.M. another attack of drowsiness, but of shorter duration and less intense than that of the day before (second day),⁴⁵.—Slight drowsiness about 2 P.M. (second day),⁴⁶.—*Such great drowsiness, even when walking in the open air, that she feels like falling asleep in the street*; this state lasts about half an hour (after six hours and a quarter),⁴⁶.—Fell asleep sooner, and slept more quietly than usual (curative effect?), (first day),⁴⁶.—[2190.] She fell asleep while sitting during the heat, but during the chill she was again awake, lasting two hours (second day),²⁵.—She sleeps from 7 to 9 P.M., sitting on the sofa,²³.—Sleep from 1 to 6 P.M. and from 7½ P.M. to 5 A.M. (he usually slept only a quarter of an hour in the afternoon and in the evening from 8 till 10, when he drank his milk, and then slept till 5), (third day),²⁸.—Sound sleep at night, with sweat towards morning,⁴².—Quiet night; no dreams (first day),⁴⁶.—Very quiet night (fourth and sixth days),⁴⁵.—Passed a perfectly good night; sleep sound and dreamless (third day),⁴⁵.—**Sleeplessness.** Desire to lie down after eating, without being able to sleep; he started up several times from this slumber, and as he rose up from it the headache was worse,⁴.—After going to bed at 10 o'clock was unable to sleep before 12, and then slept till morning,³⁷.—Loss of sleep till after 11 o'clock,³⁷.—[2200.] She was unable to fall asleep for a long time, afterwards good sleep,¹³.—Restless sleep,^{49 52}.—Uneasy sleep before midnight, and waking with sweat at 5 A.M.,³⁵.—Uneasy sleep, with tossing about and confused dreams,³⁹.—Uneasy sleep, full of dreams,⁷.—Uneasy sleep, with dreams of dying, of a funeral, and of a wedding,³⁵.—Uneasy sleep; dream of being a soldier, with anxiety on account of it, so that my wife awoke me on account of my weeping,³⁵.—Uneasy sleep, without special dreams,².—Uneasy sleep, with frequent waking; dreams of many symptoms, which could not be remembered in the morning (eighth day),¹⁷.—Very uneasy sleep, with constant waking, with excessive sweat, which appeared during sleep and continued in the morning, even on waking,⁴.—[2210.] Frequent waking at night, with confusion of mind; she could not collect her ideas (first night),²².—Frequent waking at night, with pains in the throat, aggravated by swallowing (first night),²⁴.—Awoke frequently before midnight; after midnight slept quietly (first day),¹³.—Frequent sudden starting up from sleep, in the night (third day),¹⁷.—Awoke unusually early, at 4 P.M., with slight twitching here and there in the muscles (second day),¹⁶.—No sleep, the whole day (second day),²⁶.—**Dreams.** Many dreams (first night),¹³.—Sleep full of dreams,³⁸.—Many dreams and sweat towards morning,³⁸.—Many dreams at night, not remembered (second day),³⁰.—[2220.] Disconnected dreams (first night),²².—Confused dreams, without being anxious (fifth day),³⁷.—Sleep full of confused dreams (first night),⁴⁰.—Lively dreams,⁵².—Sleep, with dreams of the occupations of the day,⁶.—Dreams of journeys,³⁷.—Vivid dreams about a journey, of which the minutest circumstances were remembered on waking (third day),²⁴.—Voluptuous dream (second night),¹³.—Dreamed that she had great lice upon the shoulder, and thought for a long time about whence they came,¹³.—Dreams of falling and bloody wounds,³⁹.—[2230.] Anxious dreams of being killed,³⁷.—Dreams of corpses during the night (second night),²⁵.—Dreams of funerals and corpses,³⁹.—Dreams of being buried alive,⁴².

Fever.—Chilliness. Skin cool and dry,⁴⁸.—The skin of the whole body is cold to the touch in spite of a very warm room (third day),²⁵.—Shivering (soon after 5 drops),⁴²; (fifteen minutes),¹⁶.—Shivering (after fifteen minutes),¹⁶.—Shivering over the whole body, with unchanged warmth

of it,³.—Shivering throughout the whole body, with unchanged warmth of it, without thirst (after three hours),⁶.—[2240.] Transient shivering over the whole body (after three-quarters of an hour),¹³.—Slight shivering (first night),¹⁸.—Cold shiverings, as if dashed with cold water (after three hours),²².—Cold shivering over the whole body several times in succession, whereupon the confusion of the head is relieved (after one hour and a half),¹⁶.—Chills in the afternoon about 2 o'clock, as if dashed with cold water, alternating with dry heat, especially in the face, with constantly cold feet (second day),²⁵.—Chill towards evening, with chattering of the teeth, cold hands and feet,^{36b}.—Chill, with headache, constriction of the chest, and nausea (nineteenth day),⁴³.—Chill, with nausea; great oppression of the chest (eighteenth day),⁴⁵.—Violent attack of chill at 4 P.M., with general sick feeling,^{36b}.—Shaking chill in the evening, lasting a quarter of an hour,^{36b}.—[2250.] Shaking chill (with cold hands) over the whole body,⁷.—Shaking chill half an hour before supper, lasting several minutes (fourth day),²¹.—Shaking chill for several minutes, on lying down in the evening (fifth day),²⁰.—Shaking chill always on going out into the open air, without coldness (in the summer), which did not cease until he came into the room (for two days),⁴.—Shaking chill at 6 P.M., lasting a quarter of an hour, with shivering, chattering of the teeth, as if ice-cold water were dashed over the body, followed by severe heat, chiefly in the whole head (fourth day),²⁴.—Shaking chill with nausea, without eructations (after a quarter of an hour),⁷.—While lying in bed in the evening, he was attacked with a severe shaking chill, which lasted nearly an hour, with external warmth of the whole body, though with gooseflesh, followed by a sweat which lasted the whole night (after thirty-eight hours),⁴.—Chilliness,³⁵.—Chilliness (after half an hour),²²; (second and third days),¹⁸.—Chilliness in general (ninth day),³².—[2260.] Chilliness, with cold feet, on waking in the morning (fifth day),^{31c}.—Chilliness in the afternoon,³⁸.—Chilliness at 4 P.M., lasting a few minutes, followed by heat, lasting a quarter of an hour (ninth day),²⁵.—Chilliness about 4 o'clock, lasting a quarter of an hour, followed by heat, especially in the head, with coldness of the lower legs, lasting two hours (sixth day),²⁶.—Chilliness at 5 P.M.,³⁵.—Chilliness towards 6 P.M.,³⁵.—Chilliness at 8 P.M.,³⁷.—Chilliness increased at 10.30 P.M., in the bed, which was thoroughly warmed, with chattering of the teeth for half an hour, followed by sound sleep,³⁷.—Chilliness and shivering in the night, on waking, with trembling and heaviness in the knees (fourth day),²⁴.—Chilliness, after drinking (fifth day),²⁰.—[2270.] Chilliness, with chattering of the teeth, about 7 and 8 P.M.,³⁷.—Chilliness and cold sensation over the whole body, lasting till noon, for two hours (first day),³⁰.—Internal and external chilliness,³⁹.—Slight chilliness (seventh day),¹⁶.—Severe chilliness, so that I was obliged to stand by a hot stove in order to get warm (after one hour),³⁵.—Constant chilliness (thirteenth day),²².—Incessant chilliness in the evening, on account of which he went to bed, but with the feet on a hot stove he was only able to get warm at 10 P.M., after three hours,^{36b}.—Sudden chilliness,⁴².—Coldness, lasting two hours in the evening,^{36b}.—Coldness of the whole body (after seven hours),²².—[2280.] Coldness of the whole body, especially just below the umbilical region (second day),³².—Coldness of the whole body, especially of the hands and feet,¹².—Sensation of coldness in the whole body, without diminished temperature,²³.—Sensation of coldness, especially in the hands and feet, at 1 P.M.,^{36b}.—Sensation of general coldness, especially in the hands and feet,^{36b}.—Diminished warmth,¹.—She was unable to get warm in bed, even with warm coverings (after seven hours),²².

—Desired to have the room very hot; heat was very agreeable to her (after ten hours),²².—Sense of coldness in the occiput, rising from the neck (after one hour and a half),¹⁹.—Feeling of coldness in the nose (after half an hour),¹⁹.—[2290.] Great coldness of the face; the cheeks are pale and feel quite cold, for two hours,²³.—Sensation of coldness at the pit of the stomach,^{36b}.—Coldness of the abdomen (ninth day),²².—Coldness in the abdomen, on drinking water, which had never been the case before (sixth day),³².—Sensation of coldness in the bowels (after half an hour),¹⁵.—An unusual sensation of coldness in the intestines, on drinking water, in the afternoon (fourth day),³².—Shivering and creeping down the back,¹².—Chilliness in the back (after two hours),³¹.—A cold sensation extends from the spine along the seventh and eighth ribs forward to the sternum, more on the right side than on the left (eighth day),²³.—Creeping shivering from the neck down the back, in the afternoon (fourth day),³².—[2300.] Creepings in the back (after two hours),³¹.—Cold creepings between the shoulders (sixth day),³².—Very great coldness in the back, lasting five minutes, with cold hands, lasting nearly an hour (second hour after 100 drops),¹⁴.—Extremities felt cold (after seven hours),²².—Arms and legs rather colder than usual, especially towards evening,³⁸.—Cold tips of the fingers and cold feet,⁴².—Coldness of the hands and feet (second morning),¹⁶.—Coldness of the feet and tips of the fingers,³⁷.—Sensation of coldness in the upper arm (seventeenth day),²⁴.—Cold hands (after two hours and three-quarters),⁶.—[2310.] Shivering in the hands, which are warmer than usual (after a quarter of an hour),³.—Sensation of coldness in the lower extremities (third day),²⁵.—She was unable to sleep, in the evening, in bed, on account of a stiffening of the lower extremities by cold, in spite of a warm bed (second night),²⁶.—Coldness in the lower legs,¹⁹; (eleventh day),³¹.—The lower legs feel cold (tenth day),²⁵.—Cold sensation in the skin of the inner side of the right calf; this extended up into the popliteal space, feeling as though the place were laid bare (after a quarter of an hour),¹⁹.—Sensation of icy coldness in the calves and soles (tenth day),²⁵.—Coldness of the feet, especially of the left (fifth day),²⁰.—*Cold feet (after one hour and a half),¹⁶; (third day),^{34c}.—Cold feet towards evening (third day),²⁵.—[2320.] Cold feet, followed by hot, burning feet (seventh day),³².—Feet icy cold (after three hours),²².—The right foot and as far up as the knee is icy cold, with sensation of coldness in it, while the other foot and all the rest of the body have their usual warmth, and the veins of the hands and arms are swollen (after three hours and a half),⁴.—Feeling of coldness in the toes,¹⁹.—**Heat.** Pungent heat of skin,⁴⁷.—At night, a little dry heat of the skin (third day),⁴⁶.—Heat (soon after),¹⁹.—Heat and anxiety from 5 to 7 A.M. (second day),²².—Heat, without thirst, in the evening after lying down (third day),¹³.—Heat over the whole body (after a quarter of an hour),³¹.—[2330.] Heat over the whole body, with restlessness and lameness of the legs, the whole day,³⁷.—Heat, especially of the eyes and cheeks,³⁷.—Heat, with sensation as if the hairs stood on end,³⁷.—Alternating heat and chilliness, with thirst for breyhahn,† towards evening (first day),³⁰.—Dry heat over the whole body, which developed into a fever; pulse full and hard (first day),³⁷.—*General dry heat, with pulse 100 to 110, at 4 P.M.; ears cold,³⁷.—Sensation of heat over the whole body (after a quarter of an hour),³⁰.—Sensation of heat over the whole body, especially in the face and hands,³³.—Warmth and uneasiness of the body,²⁸.—He is warm all over;

† A very frothy weiss beer without hops.

he feels the warmth over the epigastric region (after four hours),¹².—[2340.] Increased warmth the whole day, mostly in the soles of the feet, where she sweats, with a cold skin (second morning),¹³.—Increased warmth of the whole body (first night),²⁹.—Increased warmth of the whole body, especially of the palms of the hands, whence the warmth seems to spread, not in the feet, at 5 P.M.,¹³.—Generally increased warmth, with profuse sweat, on waking in the morning (fourth day),^{34c}.—Great, though only internal, warmth of the whole body, at 1 P.M.,¹³.—Very great warmth and full pulse, in the afternoon (fourth day),³⁶.—An agreeable warmth over the whole body, in the afternoon (third day),³⁶.—Sensation of warmth over the whole body (soon),¹⁹.—Sensation of warmth through the whole body, with oppression (eighth day),¹⁷.—Sensation of increased warmth through the whole body (fourth day),¹⁶.—[2350.] Sensation of great internal warmth of the body, with somewhat moist forehead, at 4 P.M. (after four hours),¹³.—Increased sensation of warmth over the whole body, except in the lower limbs, but without increased warmth of the skin (after two hours),¹³.—At one time he had a sensation of warmth over the whole body, at another a sensation of coldness; frequent alternations of this kind in different limbs (after eighteen hours),².—The fever reappeared on the third and fourth days, but weaker than on the first and second, at the same time in the afternoon,³⁷.—Increased warmth of the head, only internal (after one hour and a quarter),¹³.—Heat of the head,^{34a, 38}; (after a quarter of an hour),²⁷; (second day),^{34c}; (third day),²⁴; (fourth day),¹⁶.—Heat in the head all day,³⁷.—Increased heat of the head after taking simple beer,³⁹.—Flushes of heat in the head, without external heat and without sweat, at 6 P.M.,¹³.—Much heat in the head (after two hours),³¹.—[2360.] Glowing heat over the whole head (after three hours),²².—Heat and sweat of the forehead,²⁸.—Hot forehead, with headache,³⁷.—Burning in the forepart of the forehead,³⁷.—Burning in the skin of the temple near the left eye,¹⁹.—Sensation of heat in the left side of the head,¹⁸.—Sensation of heat, extending from the left ear over the left half of the head (after ten minutes),¹⁵.—Burning above the eyebrow, extending to the temple, and then across to the forehead, and to the vertex, with pressure deep in the brain, worse toward evening, at 9 A.M. (seventh day),²⁴.—Heat in the lids,⁴².—Heat and burning in the ears, forehead, the tip of the nose, and cheek-bones,³⁷.—[2370.] Burning in the tips of the ears,³⁷.—Burning of the tip of the ears and coldness of the tip of the nose,³⁷.—Burning of the tips of the ears, with red cheeks,³⁷.—Heat of the nose,³⁷.—Heat of the face,³⁸; (after three hours),³⁵.—Heat in the face, at 4 A.M. (third day),³⁰.—Heat in the face, in the evening (second day),³⁰.—Heat in the face, with burning in the back, lasting two hours (soon after 20 drops),³⁵.—Alternations of heat in the face, with red cheeks and chilliness (after half an hour),²⁵.—Heat of the face continues for half an hour (after three hours),²².—[2380.] Heat of the whole face; redness and burning of the cheeks (third day),²⁴.—Increased heat of face (5 to 15 drops),⁴⁹.—Glowing heat of the face (second morning),²².—Flushes of heat in the face,³⁷.—Flushes of heat in the face, at 2 P.M. (fourteenth day),²⁵.—Alternating heat and redness of the face,⁴².—Burning, as from nettles, in the whole face, excepting the forehead, in the evening (first day),²⁵.—Peculiar burning, with increased redness of the face (10 to 60 grains after three hours),⁵⁰.—Heat in the cheeks,⁴².—Heat in both cheeks, for half an hour, towards 4 P.M. (fourth day),²⁴.—[2390.] Heat and redness of the cheeks in the morning (after two hours),³⁵.—Heat of the cheeks, with red swollen face (fourth day),²⁴.—Heat in the cheeks, with burning in the eyes,⁴².—Burn-

ing heat in the left cheek (after four hours),²⁴.—Burning in the cheeks,³⁷.—Burning and redness of the left cheek (after nine hours),²¹.—Burning of the cheeks, a dark-red circumscribed color on the cheeks (second morning),²².—Burning, with heat and redness, of the cheeks,³⁷.—Heat rising from the chest into the larynx, lasting one hour (after ten minutes),²⁴.—Burning in the left lumbar and sacral regions (after a quarter of an hour),¹³.—[2400.] Heat and swelling of the hands (after a quarter of an hour),¹⁹.—Sensation of heat on the back of the hand (first day),¹⁷.—Hands burning hot, swollen as far as half the forearm (fourth day),²⁴.—Burning in the palms of the hands (after one hour),³⁵.—Suffered less than usual from cold feet,³⁸.—**Sweat.** Sweat, especially in the palms of the hands (first day),¹⁸.—Breaks into a sweat on the appearance of the pains,³⁶.—Sweat immediately after lying down (fourth day),²⁰.—Night-sweat,^{42 47}.—**Sweat during the night, especially towards morning*,³⁶.—[2410.] **Sweat in the morning*,⁷.—**Sweat every morning for the last five weeks during the proving*,³⁸.—**Sweat during the morning sleep*,⁹.—Sweat, on waking from sleep,⁴²; (second day),¹³.—Waking with slight sweat at 4 A.M.,³⁵.—Sweat, in the morning on waking, after anxious dreams,³⁷.—Slight sweat at 4 A.M. (third day),³⁰.—General slight sweat during sleep (fourth night),²⁴.—General slight sweat, in the morning (ninth day),¹⁷.—Awoke in the morning with general slight sweat (third day),¹⁶.—[2420.] General slight sweat, with normal pulse, on waking in the morning (fifth day),¹⁶.—General slight sweat, on waking the second time in the morning,¹⁶.—Unusual sweat, in the morning on waking (fourth day),¹⁸.—Skin dry ever since the proving,³⁹.—Dry skin, without increased heat (seventh day),⁴⁵.—Sweat on the forehead (first night),²⁹.—Sweat in the axillæ,³⁸.—Sweat on the upper part of the body from morning till afternoon (after 30 drops),³⁸.—Feet constantly dry (instead of the former customary sweat on them),⁴².

Conditions.—**Aggravation.**—(*Morning*), After rising, anxiety; on waking, fretful, etc.; after rising, dizzy, etc.; *heaviness of head*; on rising, headache; pain in forehead; at 4 o'clock, headache in forehead, etc.; after rising, headache in forehead; on waking, eyes swollen, etc.; on waking, *burning of eyes*, etc.; on waking, pain in eye; after rising, burning in lids, etc.; eyes foggy, etc.; eye agglutinated; on waking, burning-itching in lids; on waking, sight dim; stopped coryza; on waking, stopped coryza; on waking, blood from nose, etc.; pain through incisors; taste of blood; on waking, irritation in throat; on waking, sore throat; affection of throat; at breakfast, less appetite; immediately after rising, urging to stool; hoarseness; after waking and on rising, cough; much cough; on waking, pressure upon chest; at 4 o'clock, oppression of chest; at 4 o'clock, *stitches in side*; palpitation; on waking, pain in nape of neck, etc.; soon after 4 o'clock, drawing in back, etc.; on waking, at 4 o'clock, pain in scapula; on moving, pain in small of back; on rising, stitches in region of kidneys; after rising, weariness of the limbs; on rising, pain in left arm; immediately after waking, cramp in fingers; weariness; on waking, weariness, etc.; after uneasy sleep, weakness; spots on face; on waking, chilliness, etc.; at 4 o'clock, heat in face; *sweat*; during sleep, sweat; on waking at 4 o'clock, sweat; general sweat.—(*Forenoon*), On coming from the open air into the room, headache; towards noon, pressive headache; headache in occiput; sensation in eyes, etc.; bleeding of gum; urging to stool, etc.; at 8 o'clock, thin stool; at 9 o'clock, pain in angle of scapula; tearing in upper arm; sweat on upper part of body.—(*Noon*), Symptoms generally returned, except chill, etc.; after dinner, tearing in forehead; semiliquid stool.—(*After-*

noon), Pain more continuous, etc.; out of humor, etc.; confusion of head, etc.; towards evening, confusion of head, etc.; from 3 to 3.30 o'clock, dull head; headache; towards evening, headache; towards evening, dull headache; pressive headache; at 4.30 o'clock, heaviness in forehead; on stooping, pain in forehead; towards evening, headache in forehead; pain in forehead; stitches in parietal bone; tension in side of nose; at 5 o'clock, redness of face, etc.; towards evening, toothache; tearing in left teeth; tearing from ear into teeth; towards evening, irritation of throat; towards evening, pressure in pit of stomach; while writing, during inspiration, and while bending the body, stitch in side; pain in hepatic region; till 6 o'clock, pain across umbilicus; from 3 to 4 o'clock, pains in navel; at 1.30 o'clock, moving, etc., in intestines; pressure, etc., in abdomen; pain above pubis; dragging, etc., upon rectum; diarrhoea; pasty stools; from 4 to 9 o'clock, pain in kidney; turbid urine; towards evening, pressure in region of larynx; towards evening, paroxysms of coughing; dyspnoea; pains in chest; at 6 o'clock, oppression of chest; at 1.30 o'clock, beatings under top of sternum; ribs painful to touch; about 1.30 o'clock, pain in side of chest; at 2 o'clock, stitches in side of thorax; palpitation, etc.; towards evening, attack of palpitation; at 1 o'clock, periodic palpitation; pain in neck, etc.; towards evening, pain into lower ribs; pain in cervical vertebræ; while sitting, tension in side of neck; *pain in back*, etc.; drawing between shoulders; while sitting, stitches between shoulder-blades; pain in shoulders, etc.; during rest, stitches in shoulder-joint; tearing in shoulder; swelling of legs; pain in hips; while sitting, burning in calf; at 3 o'clock, sticking in instep; on waking, increased warmth, etc.; towards evening, chill, etc.; towards evening, arms, etc., colder; towards evening, cold feet; towards evening, burning above eyebrow, etc.; weariness, etc.; stitches in skin, etc.; drowsiness; chills, etc.; at 4 o'clock, attack of chill, etc.; at 6 o'clock, shaking chill; chilliness; at 4 o'clock, chilliness, etc.; at 5 o'clock, chilliness; at 6 o'clock, chilliness; at 1 o'clock, sensation of coldness; on drinking water, sensation of coldness in intestines; cold sensation along ribs; shivering down back; at 5 o'clock, increased warmth; at 1 o'clock, warmth of body; great warmth, etc.; agreeable warmth; at 4 o'clock, sensation of warmth, etc.; fever; at 2 o'clock, flushes of heat in face; towards 4 o'clock, heat in cheeks.—(*Evening*), During and after sleep, fancies; anxiety; pressive headache; pain in forehead; pressure in temples; occiput painful; at 7 o'clock, sensation in eye; when reading by artificial light, pain above eye; pressive pain in left eye; from 6 to 8 o'clock, pain in left side of face; after going to bed, pain in upper jaw; swollen lips; after going to sleep, pain in jaws; in bed, pain in upper teeth; at dinner, all food tastes bad; no appetite for supper; thirst; passage of much flatus; pains in walls of abdomen; cutting in abdomen; pain above pubis; urging to stool; bronchial catarrh; pain around thorax; in bed, oppression of chest; after lying down, *palpitation*; drawing in back; pain in left scapula; at 8 o'clock, pain in last lumbar vertebræ; in bed, on motion, pain in lumbar vertebra; drawing, etc., upon shoulder; stiffness of wrist; when walking, pain in knee-joint; on walking, pain in lower legs; tension in calf; drawing in left lower leg; in bed, pain in toes; from 10 to 11.30 o'clock, general excitement of body; restlessness; stitches in skin; yawning; *shaking chill*; while lying in bed, shaking chill, etc.; at 8 o'clock, chilliness; at 10.30 o'clock, chilliness; about 7 and 8 o'clock, chilliness, etc.; coldness; lower extremities stiff with cold; after lying down, heat; heat in face; burning in face.—(*Night*), Crying out; crying;

anxiety, etc.; stupefaction; on frequent waking, confusion; headache; in bed, before going to sleep, beating in temples, etc.; dizzy heaviness on top of head; *occiput feels heavy*; pressure in eyelids; pressure in jawbone; *toothache*; in bed, before going to sleep, throbbing in throat, etc.; diarrhœa-like stools; paroxysms of cough, etc.; at 11 o'clock, while urinating, asthmatic attack, etc.; on waking, chilliness, etc.; dry heat; sweat.—(*Before midnight*), In bed, restlessness; uneasy sleep; awoke frequently.—(*Midnight*), Pain in chest, etc.—(*After midnight*), Oppression of chest, etc.; towards morning, many dreams, etc.; sweat.—(*Open air*), Pressive headache; shaking chill.—(*In bed*), Pain behind and above ear; passage of much flatus.—(*Beer*), Heat of head; waving in brain, etc.—(*Bending thorax towards left side*), Pain between right ribs.—(*Bending arm*), Pain in elbow.—(*Bending knee*), Drawing in knee.—(*Bending body backwards*), Pains in back.—(*Bending body forwards*), Pains in chest.—(*Blowing nose*), Pressive headache; pain in chest.—(*Breathing*), Choking sensation in throat.—(*Chewing*), *Pain in teeth*.—(*On closing eyes*), Vertigo; surging, etc., in ears.—(*Coughing*), Pressive headache; stitches in head; hearing vanishes; pain in abdomen; stitches in thorax; soreness in lung.—(*After dinner*), Immediately, vertigo, etc.; difficult breathing; on inspiration, pressure on chest; weariness.—(*Drawing abdomen together*), Pains in abdominal walls.—(*After drinking*), Chilliness.—(*After eating*), Immediately, cutting in intestines.—(*On expiration*), Oppression of chest.—(*Indoors*), Cough.—(*Inspiration*), Sensation in fauces; *pains in chest*; pain behind sternum; pain in sternum; stitches in region of heart; pain in scapulæ; pain about angle of scapula; stitches below scapula.—(*Deep inspiration*), Pain in pit of stomach; tension about base of thorax; pains in ribs, etc.; stitches in side of thorax; soreness in left lung; painfulness of neck.—(*Lamplight*), Pains in eyes.—(*On looking up*), Aching in eyeballs.—(*Lying down*), Tension, etc., in zygoma; pain in epigastric region; immediately, sweat.—(*Motion*), Pain in palate, etc.; pains in chest; pain in side; stitches in side of thorax; pains in left side; pains in left chest, etc.; pains in cervical vertebræ; pain in back; *pain in vertebræ*; pain below left scapula; pain in lumbar vertebræ, etc.; pains in region of kidneys; pain in sacrum; pain in right shoulder; pain in knee-joint.—(*Moving head*), Pain in cervical vertebræ.—(*On moving eyes*), Aching in eyeballs.—(*Moving mouth*), *Toothache*.—(*Moving arm*), Pain in sacrum; pressure in shoulder; pain in deltoid muscle, etc.—(*Pressure*), Pressure in stomach; cutting in epigastric, etc., regions; pain in cervical vertebræ; sore pain in vertebræ; pain in lumbar, etc., vertebræ; pain in metacarpal bones.—(*Pressing on gum*), Pain in back teeth.—(*Pressing tongue against left side of palate while swallowing*), Pain in fauces.—(*Raising arm*), Especially the right, pain in neck.—(*Reflecting*), Dizziness, etc.—(*Rest*), Pain in shoulder; pains in joints of lower extremities.—(*On rising*), Vertigo, etc.; headache.—(*On rising from bed*), Vertigo, etc.—(*On rising from chair*), Pain in hip.—(*On rising from stooping*), Fluent coryza; pain in back.—(*Rubbing*), Burning in eyelids, etc.—(*Scratching*), Pain in spots on skin.—(*Sitting*), Stitches in side; *kind of paralysis*, etc., in knee, etc.; pain in ankle.—(*Sitting bent*), Pressure in back.—(*On sitting up in bed*), Vertigo.—(*During sleep*), General sweat.—(*Smoking*), Cardialgia.—(*Sneezing*), Pain in chest; soreness in left lung.—(*While speaking*), Pain in teeth, etc.—(*Attempting to step*), Cramp in sole.—(*Stepping*), Pain in knee.—(*After stool*), Constriction of anus.—(*Stooping*), Pressive headache; pain in chest; pain in back.—(*After supper*), Pain in parietal bone.—(*Empty swallowing*), Stitches in

tousils.—(*When taken up and carried*), Child cries frequently.—(*Touch*), Pain in temple; pain in face; pain in pit of stomach; pain in angle of scapulæ; pain in shoulder, etc.; pains in thighs.—(*Turning head*), Drawing pain in neck.—(*On waking*), Heaviness of head; dryness of throat; sweat.—(*Walking*), Ringing in ear; sensation in stomach; difficult respiration; palpitation; stitches in lumbar region; pain in thighs; pain in knee; pain in hollow of knee; *ankle painful*.—(*Fast walking*), Headache in vertex; pain in chest.—(*Warm food*), Toothache.—(*Warmth*), Stopped coryza; toothache.—(*While writing*), Hands tremble.

Amelioration.—(*Towards evening*), Symptoms disappear; improvement; all symptoms except confusion of head disappear.—(*Evening*), All pains except headache disappear; on waking from a nap, headache.—(*Open air.*), Relief; feels well; indolence, etc.—(*Bending body forward*), Pain in small of back.—(*Standing bent over*), Pain in anus.—(*Closing eyes*), Headache; sensation across forehead; sensation in eyes; pain in eyes; pain in left eye.—(*Cold air*), Toothache.—(*Cold water*), Toothache.—(*Grasping calf*), Cramp in sole.—(*After dinner*), Symptoms relieved.—(*Eating*), Headache between eyebrows; sensation in stomach.—(*On becoming erect*), Pressure in back.—(*Eructions*), Nausea; pains in chest; pressure in stomach.—(*After evacuation*), Of a light-colored, etc., stool, general relief.—(*Lying down in bed*), Nausea.—(*Lying on left side with legs drawn up*), Pain in stomach.—(*Lying on stomach*), Pain in kidneys.—(*When lying on the part*), Stitching in right temple disappears.—(*Passage of flatus*), Pain in stomach.—(*Pressure*), *Tearing in forehead.—(*Rubbing*), Sensation in hand; pain from wrist to finger.—(*Rubbing soles*), Headache.—(*Scratching*), *Itching of skin*.—(*After supper*), Pains in ribs cease.—(*Swallowing*), Pain in fauces.

CHENOPODIUM ANTHELMINTICUM.

Chenopodium anthelminticum, Linn. *Natural order*, Chenopodiaceæ; *Common name*, Wormseed.

Preparation, Trituration of the seeds.

Authority. Dr. Jeanes, *Raué's Record*, 1872, p. 30.

Pains through the breast, under the right scapula, and in the right shoulder.—Pain in the head and eyes; neuralgia.—**The slight dull pain a little lower than the inferior angle of the right scapula, but nearer the spine has been proved to be important.* (Jeanes.)

CHENOPODIUM VULVARIA.

Chenopodium vulvaria, Linn. *Nat. order*, Chenopodiaceæ; *Common names*, Stinkender gansfuß, L'anserine fétide; *Synonym*, *Chenopodium olidum*, Curt.

The plant has an odor of decaying fish, and contains a large amount of Trimethylamine (*Propylamine*).

Preparation, Tincture of the entire plant.

Authority. Berridge, proving on Mr. J. R. Croker with 30 to 40 grains of the extract a day for three weeks, *M. Hom. Rev.*, 15, 297.

Increased action of bowels not amounting to actual diarrhœa, sometimes attended with griping.—Often constipation, the bowels not acting for three

or four days, and then with difficulty; the constipation was accompanied with external piles.—After some time, a feeling in lower lobe of right lung, as if some fluid wanted to discharge itself into the region of the duodenum; recurring frequently for several days.—Increased secretion of urine of offensive odor.—Increased sexual desire for ten to fourteen days, followed by considerable loss of sexual desire and erectile power, though the secreting power of the testicles was not diminished, but, if anything, increased. This disappeared in about three months.—Late in the proving, a painful feeling of weariness and weakness in the lumbar and lower dorsal region.

CICHORIUM.

Cichorium intybus, Linn. *Nat. order*, Compositæ; *Common name*, Chicory.
Preparation, Trituration or tincture of the dried root.

Authority. Cattell, "Provings," B. J. of H., 11, 520.

General heaviness.—Drowsiness.—Headache.—Sensation of weight at stomach and great indisposition to bodily and mental exertion.—Want of energy.—Bowels relaxed.

CHIMAPHILA.

Chimaphila umbellata, Nutt. *Nat. order*, Ericaceæ; *Synonyms*, *Pyrola umbellata*, Linn., *Chimaphila corymbosa*, Pursh; *Common names*, Pipsisewa, Prince's Pine.

Preparation, Tincture of whole plant when in flower.

Authority. Dr. S. A. Jones, collection from various sources, Am. Obs., 12, 300.

In one case of ague its diuretic operation was evident; the urine discharged was almost black; it appeared as if a few drops of sulphate of iron had been put into an astringent infusion.

Patient laboring under ascites took a strong infusion of the plant; the following nights he voided more urine than he had in the three nights and days previous put together; "the color of his water has changed from that of brickdust to the exact hue of the infusion drank" (that is, like green tea).

Organic disease of the liver. Tapping necessary; took the infusion. "Its influence on the kidneys was apparent in two days, for the quantity of urine discharged in twenty-four hours amounted to two pints, and was soon increased to three and occasionally four pints; a decided effect was produced upon the stomach which we had not looked for, namely, an increase of appetite; the strength improved daily, the countenance became less sallow, and the abdomen did not begin to fill for several weeks."

A young man, who had drank a pint of the infusion, "would have slept well if he had not been constantly waked by calls to make water."

An agreeable sensation was perceived in the stomach soon after taking it, followed in some instances by an extraordinary increase of appetite.

It has produced sickness at the stomach, so that the patient could not continue its use.

"A young woman, who took the extract, experienced great increase of appetite, as well as augmentation of the discharge of urine of a greenish color. She adds that at the same time she felt a most uncommon sensation in the small of her back in the region of the kidneys, sometimes on one side of

the spine, and sometimes on the other, as if something were fluttering within, without occasioning pain or uneasiness of any sort; she has never experienced the same sensation since she left off taking the medicine."

The bruised leaves, held to the fire until they were as hot as could be endured, were applied to a shoulder affected with acute rheumatism for three hours. "The application produced great heat, irritation, and redness, followed by such sharp pain that profuse sweat over the whole body ensued."

CHINA.

Cinchona officinalis, Hooker. *Nat. order*, Rubiaceæ; *Common names*, China (Ch. hard), Quinquina, Cortex Peruvianus (Peruvian bark).

Preparation, Tincture of the bark (or triturations).

Authorities. 1, Hahnemann, R. A. M. L., 3; 2, Anton, *ibid.*; 3, Baehr, *ibid.*; 4, Becher, *ibid.*; 5, Clauss, *ibid.*; 6, Franz, *ibid.*; 7, Gross, *ibid.*; 8, Harnish, *ibid.*; 9, Hartmann, *ibid.*; 10, Hartung, *ibid.*; 11, Herrmann, *ibid.*; 12, Hornburg, *ibid.*; 13, Langhammer, *ibid.*; 14, Ch. F. Lehmann, *ibid.*; 15, J. G. Lehmann, *ibid.*; 16, Meyer, *ibid.*; 17, Michler, *ibid.*; 18, Stapf, *ibid.*; 19, Teuthorn, *ibid.*; 20, Wagner, *ibid.*; 21, Walter, *ibid.*; 22, Wislicenus, *ibid.*; 23,† Alpinus, in Murray's *App. Med.*, "general statement from observation;" 24, Baglivus in Berger, *q. v.*, "results of suppression of intermittents by China;" 25, Baker, *Med. Trans.*, iii, 162, "effects of *Cinchona rubra*;" 26, Baner, *Act. Med. Cur.*, III, 0, 70, "as Baglivus;" 27, Berger, *Diss. de Cinch. ab iniquis judiciis vindicata*, 1711, "all S. (save S. 262) mentioned only to reject them;" 28, Bresl. Samuel, 1728, p. 1066, "as Baglivus;" 29, Cartheuser, *Diss. de febr. interm. epid. Francof.*, 1749, "as Baglivus;" 30, Cleghorn, *Diseases of Minorca*, "effects of China in agues;" 31, Crüger, *Misc. Nat. Cur.*, Dec. III, ann. 3, "as Baglivus;" 32, Ettmüller, *diss. de usu et abusu præcip.*, "as Baglivus;" 33, Fischer, in *Hufel. Journ.*, iv, 652, "as Cleghorn;" 34, Forney, *Med. Ephem.*, 1, 2, "not obtainable;" 35, Fothergill, works, "cannot find any such symptom;" 36, Fiborg, *Diss. de usu cort. Peruv.*, 1773, "physical effects of powder;" 37, Gesner, *Samml. v. Beob.*, I, 244, "not obtainable;" 38, Greding, *Ludw. advers.*, I, 90, "effects of *Hyoscyamus*," omitted; 39, Hildebrand, *Hufel. Journ.*, xiii, 1, 142, "as Cleghorn;" 40, Juncker et Fritze, *Diss. de usu cort. Per.*, p. 26, "from China given in gangrene of foot, with Alkermes and syrup of Canella;" 40a, Kreysig, *Diss. de febr. quart.*, "not obtainable;" 40b, Koker, "from China given in cold stage of ague;" 41, Lemprecht, *Act. Nat. Cur.*, II, 0, 129, "as Cleghorn;" 42, May, *Lond. Med. Journ.*, 1788, p. 273, "as Fiborg;" 43, Morton, *Opera*, II, "observed effects of overdosing;" 44, Murray, *App. Med.*, "as Berger;" 45, Pelargus, *Obs.*, I, 1, 72, "as Baglivus;" 46, Percival, *Essays*, vol. i, "as Fiborg;" 47, Quarin, *Method. Med. febr.*, p. 23, "as Fiborg;" 48, Raulin, *Obs. de Med.*, Paris, 1754, "not obtainable;" 49, Richard, *Recueil d'obs. de med.*, II, 517, "as Baglivus;" 50, Romberg, *Misc. Nat. Cur.*, Dec. III, ann. 9, 10, 0, 109, "as Cleghorn;" 51, Roschin, *Ann. de Heilkunde*, "not obtainable;" 52, Schlegel, *Hufel. Journ.*, vii, 4, 161, "as Cleghorn;" 53, Stahl, in various works, "as Baglivus;" 54, Sydenham, *Works*, I, "observed effect of China;" 55, A. Thompson, *Med. Essays and Obs.*, iv, 11, 24, "as Baglivus;" 56, Thos. Thompson, *Med. Observ.*, xxxvi, "as Baglivus;" 57, Walzl, proving with

† Hahnemann's cited authorities, Nos. 23 to 56, revised by Dr. Hughes.

daily doses, increasing from 2 drachms to $\frac{1}{2}$ ounce, A. H. Z., 20, 367; 58, Piper, effects of a clyster of 1 ounce of powdered bark, A. H. Z., 19, 202; 59, Goetz, effects of a strong infusion on a sound man, Russ. Med. Zeit., 1851 (from Z. f. Hom. Kl., 1, 117) (60 to 69, Jorg's provings, critical essays, No. 2, from B. J. of Hom., 24, 222); 60, Enders took daily doses, 18 to 120 drops of tincture; 61, Hacker, same doses as last; 62, Franthman, same; 63, Meurer, 2 drachms powder twice in one day; 64, Steinback, as last; 65, Kieman, as last; 66, Guntz, as last; 67, Meurer took within twelve hours and a half 16 ounces (in four doses) of tincture, prepared in proportion of one part cortex to six parts spirits vini; 68, Sternhack, 6 ounces in four doses, as last; 69, Guntz, as last; 70, Robiusion's provings, "a middle-aged female, gl. $\frac{1}{20}$ th in 8 ounces water, teaspoonful each morning," B. J. of Hom., 25, 323; 71, "a middle-aged female, gtt. 10 θ , in half wineglass of water, at a single dose," *ibid.*; 72, "a female, pil. $\frac{1}{6}$ th, night and morning," *ibid.*; 73, "in a young female, gtt. 5 θ , three times a day in a tablespoonful of water;" 74, Gabalda, effects of half a spoonful of wine of bark daily, in a person after loss of blood, L'Art. Med., 5, 278; 75, Ber-ridge, proving on a boy, aged 14, with repeated doses of the 30th dilution, N. Am. J. of H., N. S., 3, 500.

Mind.—Emotional. **Excessive excitability, with despondency and intolerance of noise*,¹.—Dreadful feeling of excitement,⁷¹.—Lively the whole evening, though with staring eyes,⁸.†—Uncommonly lively in the forepart of the night until 2 A.M.,¹⁴.—Feels intoxicated; inclined to be jolly,⁶⁹.—Slightly intoxicated after each dose,⁶⁸.—Slight intoxication (2 ounces),⁶⁷.—(Delirium),³⁰ ‡.—(Delirium during the fever),⁵².—[10.] Completely beside himself and in despair; tosses about in bed,¹.—From time to time she falls into a weeping mood without any external cause, brought on by some self-made imaginary whim, for example, fancied need, something that she could not eat to satisfy her appetite, etc. (after twenty hours),¹.—Moaning, complaining, and screaming,¹.—Quiet mood,¹³.§.—He is quiet and will not answer,¹.—Obstinate silence; he will answer nothing,¹.—Silent, ill-humored, disinclined to talk (during the first days),¹¹.—Earnest mood,¹⁰.—**Absence of the usual lively mood; he prefers to be alone*,⁹.—Sadness, despair,⁷.—[20.] *Discouragement*,².—Gloomy mood; has no desire to live,¹.—**What usually appears to him bright and joyous seems now unattractive, unworthy, and shallow*,¹⁸.—Despondency,³⁷.—Inconsolable,¹.—*Anxiety*,³⁰ 47 51.—Anxiety at night, on waking from frightful dreams,¹¹.—[Great anxiety, death],^{40b}.||—[Excessive anxiety],⁶³.—Intolerable anxiety (about 8 P.M. and 2 A.M.); he springs out of bed and wishes to take his own life, but does not go near the open window, or take a knife; with heat of the body, without thirst,¹.—[30.] Nameless anxiety,⁵⁹.—*Excessively anxious carefulness*,¹.—**An excessively anxious solicitude about trifles* (after one hour and a half),¹.—**In the morning on waking, anxious thoughts and ideas*,⁴.—[Hypochondriac troubles],⁵³.—Ill-humor, amounting to the most violent wrath, so that he could have stabbed any one,¹.—Caresses increase his ill-humor,¹.—Fretful, taciturn, absorbed in himself,¹⁸.—Fretful, though neither sad nor quarrelsome, but not inclined to rapid thought,¹.—Fretful and irresolute; she is unable to accomplish

† A kind of unnatural excitement, as in the so-called tonic cures of ordinary physicians when they are unable to cure a patient of his disease and still wish to stimulate strength, power, and activity for a few hours.—H.

‡ From its use in intermittent fever.—H.

§ It seems to be the curative action.—H.

|| Effects of China taken during the chill of an intermittent fever.—H.

her aim, and consequently is indignant (after a few hours),¹.—[40.] Complaining fretfulness,¹.—Sighing fretfulness,¹.—Internally very fretful,².—**He is peevish, ill-humored, and easily angered* (after four hours),¹.—Peevish when excited, at other times stupid, perplexed, embarrassed,¹.—Extremely inclined to become angry, and to seek every opportunity for being angry; afterwards quarrelsome, and inclined to grieve and reproach others (after two hours),¹.—Morose, inclined to anger,¹⁰.—*Discontent; he considers himself unhappy, and thinks he is hindered and tormented by every one* (after five hours),¹.—**Discontented and sensitive mood, inclined to anger*,²¹.—He despises everything (after one hour),¹.—[50.] Want of docility,¹.—Disobedience,¹.—**During a cheerful mood, sudden, transient screaming, and tossing about the bed, without any apparent or visible cause*,¹.—Indifference to all external impressions, with disinclination to talk,⁴.—**Intellectual.** Desire for work, to read, to write, to reflect; a general, remarkable activity and industriousness,¹.†—He has many ideas, a variety of things occupy his mind; he builds castles in the air (after a few hours),²¹.—A large number of projects,¹.—He makes many plans for the future,⁹.—**He makes many plans and reflects upon their execution*; many ideas crowd upon him at once,¹¹.—His head is full of many plans which he would like to execute, in the evening,⁷.—[60.] No desire for work; he is inactive,¹.—*Disinclination for mental labor, with sleepiness*,¹¹.—Disinclination for intellectual and serious business,⁴.—**Disinclination to think; alternating condition of cheerfulness and gloominess*, for three hours (after two hours),²¹.—His perception is slow, has great aversion to motion, and is more inclined to sit and lie,¹.—*Slow flow of ideas*,¹.—He is rapt in thought (as if the flow of ideas stood still), (after three hours),¹.—Periodic stoppage of thought,¹⁴.—If he wakes at night he is unable to collect his senses,¹.—**He cannot arrange his thoughts in order; he makes mistakes when writing or speaking, places words in reversed order*; the talking of others disturbs him very much (after two hours),¹.—[70.] [Stupidity],²⁹.

Head.—Confusion and Vertigo. [Confusion of the head],^{33 58}.—Confusion, extending over the whole head, lasting half an hour (after three-quarters of an hour),¹⁰.—Confusion of the head in the forehead,¹².—Confusion of the head like catarrh (after nine days),²².—Confusion of the head, like a dizziness, from dancing, and as in coryza,¹.—Confusion of the head, *with tensive pain in the forehead and orbits*,⁵⁸.—Confusion of the head, as after intoxication, with pressure in the temples,¹².—Confusion and emptiness in the head, with indolence of the body, as from night-watching and loss of sleep (after one hour),¹.—**The head is very much confused in the morning, as after intoxication, with dryness of the mouth*,⁶.—[80.] *Vertigo*,^{[29] 59}.—Vertigo; the head is inclined to sink backward, in every position, though it is more severe while walking and on moving the head (after six hours),¹¹.—**Vertigo; the head is inclined to sink backward; more violent on motion and when walking, relieved when lying* (after a few minutes),¹¹.—Vertigo in the occiput, while sitting,⁶.—Vertigo, with faintness; she staggered and could not walk straight,⁷².—At first vertigo and a dizzy nausea, followed by general sensation of heat,¹.—**On waking at night he is dizzy, so that he does not dare to rise*,¹.—**General Head.** *Blood rises to the head, the forehead is hot, the limbs cold*,¹.‡—Head somewhat affected (second day),⁶⁷.—**Stupefaction of the*

† Curative action.

‡ With the Cinchona fever there is very frequently rush of blood to the head, 87, 124, usually with redness and heat of the face, 1216, frequently with chilliness of the

head, with pressure in the forehead (after a quarter of an hour),¹.—[90.] [Heaviness in the head],⁵³.—Heaviness of the head; at noon a dizziness rises into the head, without pain,¹.—Heaviness of the head and weariness of all the limbs, in the morning on waking from sleep,¹⁴.—Heaviness of the head, which is inclined to sink backwards, while sitting,¹¹.—**Headache like a heaviness and heat in it, worse on turning the eyes, together with jerking pains in the temples*,¹.—Headache,⁵⁹.—Headache, now in one part, now in another part of the brain,¹.—Headache, alternating with frightful dreams throughout the night,¹⁴.—Headache, weariness, followed by some coldness,⁶.—Dull, stupefying headache, in the morning on waking,¹.—***Headache, so sensitive that it seems as though the skull would burst; the brain beats in waves against the skull**,¹⁹.—[100.] **Headache, as if the brain were pressed together from both sides and out at the forehead, very much aggravated by walking in the open air*,¹.—Headache, as if the brain were gathered into a ball, with excessive excitement of the mind, uneasiness, with excessive and overstrained fantasies,⁶.—A kind of pressure, like a congestion in the head, with sweat on the forehead (after half an hour),²⁰.—Headache, first a pressure in the forehead, afterwards extending over the whole head,⁴.—Painful pressure and pressing in the head toward the forehead, as if everything in the head were too heavy and would be pressed out, relieved by strong pressure with the hand (after three hours),⁹.—Pressive headache, especially in the occiput,².—*Pressive headache, aggravated in the open air* (after nine hours),⁹.—Pressive headache half an hour after dinner; it lasts until going to sleep,²⁰.—**Violent pressive headache deep in the brain, and a sensation of constriction, especially in the right side of the forehead and in the occiput, very much worse when walking*,².—The brain seems pressed by much blood,¹.—[110.] An uninterrupted, dull, cutting pain, extending from both temples and the occiput to the orbits, more sensitive and aggravated on motion and on stooping,¹⁴.—Sticking headache, especially in the left frontal region (after one hour and a half),¹⁰.—Single stitches shoot from the inner ear through the brain, as if to pass out through the top of the head,¹⁹.—Tearing in many places in the head, aggravated by walking, or by moving the head,¹¹.—Sticking-tearing in many places in the head, aggravated by moving the head,¹¹.—**Violent jerking-tearing in several places in the head, aggravated on motion and when walking, relieved when lying* (after one hour),¹¹.—Tearing headache from the right occipital bone to the right frontal eminence,¹¹.—Headache, as if the brain were sore, increased on the slightest touch of the hand on any part of the head, but especially by fixed attention, or by deep thought, or even by talking,¹.—Headache, when walking in the wind, consisting of a bruised and sore sensation,¹.—Violent hammering in the head, extending into the temples,¹⁵.—**Forehead**. [120.] Frontal headache,^{5, 6}.—Headache above the orbits, which begins in the forenoon, is very much aggravated by walking, but disappears after dinner (after eighteen hours),¹.—Burning pain, with hot sweat of the forehead,¹⁴.—A pressure like a fulness in the head, just above the eyes (after two hours),²⁰.—Tensive pain in forehead and orbits,⁵⁸.—Digging headache in the left side of the forehead, while sitting unoccupied, or when occupied about something in which he is not interested,⁷.—Drawing pain in the forehead,¹².—Drawing headache from the occiput to the forehead, as if the whole forehead were drawn

rest of the body, 1201, 1214, 1215, with external coldness, 1171, 1202, or only internally perceptible heat in the face, with cheeks cold to the touch, and cold sweat on the forehead, 1219.—H.

together, this ends in the temples as a throbbing; disappears on walking, but returns when sitting or standing, and is relieved by pressure of the hand,¹⁹.—Headache from afternoon till evening, a pressure in the middle of the forehead,¹.—Sticking pressure on the forehead above the nose, and on the cheeks (after thirty-two hours),⁶.—[130.] Sticking pressure in the right frontal eminence, more violent on touch (after ten minutes),¹¹.—Sticking pressure externally on the left frontal eminence, together with vertigo and some nausea in the throat,¹¹.—Pressive pain in the right side of the forehead,⁷.—*Pressive headache in the forehead; on bending backward it changed to the temples, where it becomes worse; while sitting, it was located only in the forehead*,⁴.—Pressive headache when walking, at first across the forehead, and then in the temples (after six hours),¹.—A little weight about forehead in morning, which disappeared about middle of day (second day),⁶⁹.—Sticking headache in the forehead (while sitting),¹³.—Pressive-sticking headache in the forehead and in the temple of one side (after four hours),¹.—A severe burning stitch between the forehead and vertex,¹⁰.—Jerking-tearing in frontal eminences,⁷.—[140.] Headache, like a jerking, towards the forehead, always worse until evening, when it disappears,¹⁵.—If he puts the hand to the forehead he feels a pain moving back and forth,⁶.—**Temple.** Headache in the temple,¹².—Headache in the temples like a dry coryza,¹.—Pressing together in the temples (after five hours),⁶.—*Pressure in the left temple*,¹¹.—Pressive headache in the temples, in the evening,⁶.—Fine sticking in the left temple,⁶.—Continued sticking sensation in the right temple,²¹.—Sticking headache between the right temple and the forehead, with violent pulsating of the temporal artery (after half an hour),².—[150.] Stitches between the forehead and temple of the left side; when touched, he feels a severe throbbing in the arteries of the temples, and the sticking disappears,¹.—Tearing headache in the left temple,¹³.—Pressive tearing in the temporal region, as if the bones would press out,¹¹.†—Jerking-tearing in the right temporal region, for three days,¹¹.—**Jerking headache in the temple, extending to the upper jaw*,¹.—**Vertex.** Contractive pain in a circle on the vertex (after half an hour),¹¹.—**Headache, first like a cramp in the vertex, followed by bruised sensation in the side of the head, aggravated by the slightest motion*,¹.—**Parietals.** Headache; a digging in the left side of the head, while sitting (after nine hours and a quarter),⁹.—Pressive headache in the side to which he inclines himself,⁹.—Headache in the left parietal bone, like a throbbing,¹².—[160.] Jerking from both parietal bones down to the throat,¹².—**Occiput.** A dull sensation in the lower posterior portion of the head, as when waking from sleep,⁴.—Painful drawing upon the occipital bone,⁶.—Painful drawing on the right side of the occiput,⁶.—Drawing pain in the left side of the occiput, which disappears on bending the head backward,⁶.—Drawing pain in the articulation of the occiput and atlas, when touched, so that he is obliged to bend the head backward,⁶.—Drawing headache in the occiput, while sitting,⁶.—Severe pressure in the occiput, as if the cerebellum would be pressed out (after five hours and a half),¹⁶.—Pressive headache in the occiput (after three hours),¹⁶.—**External Head.** Momentary contraction of the skin of the forehead, as if it were drawn together in one point in the centre (after half an hour),²².—[170.] Pain, as if the skin on the upper portion of the head were grasped by the hand,⁷.—Contractive pain on the left side of the occiput in the skin,⁷.

† Tearing (drawing) pressure and pressive-tearing (drawing) seem to be the chief pains of *Cinchona*.

—Sharp stitches in the left side of the scalp,⁶.—**The whole scalp is so sensitive to touch that everything on it hurts him; the roots of the hair seem to be especially affected* (after thirty-six hours),¹.—Sticking-itching on the scalp (after one hour),⁶.

Eye.—Objective. The eyes are somewhat red, with pressive-burning pain in them, and much heat (in the afternoon), (after six hours),¹⁸.—**Subjective.** Sensation in the eyes as in general weakness, as if they were very much sunken, which was not the case (after a quarter of an hour),⁶.—Feeling as of sand in the eye,⁷⁰.—Movement of the eyes painful, with sensation of mechanical hindrance,⁵⁸.—Painless pressure in the eyes, as from weakness and loss of sleep (after ten hours and a half and twelve hours),⁹.—[180.] Biting in one, and then in another eye, with lachrymation,¹.—Pressive-biting pain in the eyes, as from salt; she was obliged to rub them (after half an hour),¹.†—**Brow and Orbit.** Pain over the left orbit,¹².—Fine, itching pain above the orbits,¹².—Pressure in both eyebrows, more externally, aggravated by motion of the frontal muscles (after three hours),¹⁶.—**Lids.** Gum in the external canthus (after sleep),¹.—The eyelids will close from weakness and sleepiness (after half an hour),¹.—Jerking of the left upper lid back and forth (after six hours),²².—Twitching, blinking, trembling in both eyes (after two hours and three-quarters),¹⁵.—Uncontrollable twitching of right upper eyelid,⁷⁰.—[190.] Sensation of dryness between the lids and the eyeball, with rubbing pain on moving the lids, without visible alteration in the eye,¹⁰.—Violent pain in the lids,⁵.—Pressive pain in the external canthi,⁶.—Tearing in the left external canthus,¹³.—Tickling sensation on the lids (after five hours),¹⁰.—**Lachrymal Apparatus.** Lachrymation,⁷⁰.—*Lachrymation, with crawling pains in the eyes and in the inner surface of the lids*,⁴.—On waking at night, it seems as if the right eye were swimming in water (after nineteen hours),¹⁸.—**Conjunctiva.** Inflammation and redness of conjunctiva,⁷⁰.—**Ball.** **Motion of eyes painful, with sensation of mechanical hindrance*,⁵⁸.—**Pupil.** [200.] *Pupils dilated* (after one hour and a half),⁹.—Pupils very much dilated (after a quarter of an hour),⁹.—Extreme dilatation, and almost immobility of the pupils, with weakness of vision, so that he could not recognize at a distance distinctly (myopia), with a fresh color to the face, and otherwise general activity (after six hours),⁶.—Contracted pupils,¹; (after three-quarters of an hour),⁹; (after one hour),¹⁸.—*Pupils contracted* (immediately, and after three hours and a half),⁴.—Pupils sensitive, but more inclined to contract than to dilate (after twenty hours),¹.—**Vision.** [Dimness of vision],²⁹.—[Amaurosis],²⁸.—The room (lighted by a candle) appeared in a blinding sulphurous-yellow light, but after a few minutes all the surroundings were of a shimmering rosy-red (this symptom appeared as the headache suddenly disappeared, during a sluggish evacuation, with tenesmus),⁵⁸.—Black points float before the vision (after four hours),¹.—[210.] Darkness before the eyes,¹⁴.

Ear.—Internal. Pain in the left ear, only when touched (after six days),²².—(Pressive pain in the inner ear, like carache), (after one hour),¹.—At first a throbbing sensation in the ear, afterwards a long-continued ringing,¹.—Tickling in the ear,¹².—**External.** Drawing pain behind the ears, extending as far as the mastoid process,¹⁰.—Tearing in the lobules of the ears,¹.—Tearing in the cartilage and the external meatus auditorius,¹¹.—Transient sticking pains here and there in the parotid glands,¹.—**Hear-**

† From the dust.

ing. Difficult hearing,⁴³.—[220.] **Something seems to be constantly before the ear* (like deafness), (after one hour),¹.—**Ticking sound in the ear, as from a distant watch*,¹.—**Ringing in the ears*,¹.—**Ringing in the ears, with headache in the temples*,^{6, 13}.—Frequent ringing in the right ear, together with tickling-crawling in it, as if an insect had crept into it,⁴.—**Roaring in the ears*,^{1, 5}.

Nose.—Objective. Redness and heat only on the nose (after twelve hours),¹.—*Sneezing* (after half an hour, two hours, and three hours),¹.—The attack of the paroxysms of fever commences with sneezing,¹.—Sneezing, with coryza (after one and two hours),¹.—[230.] Forcible dry sneezing several times (after seven hours),¹⁶.—Watery discharge from the nostril, which is at the same time stopped (after thirteen hours),⁶.—Catarrh, so that it trickles from the nose for two hours,⁶.—Catarrh, with sensitiveness of the nose, and some pimples on the margin of the nostril and septum of the nose, which are painful to touch (after nine days),²².—Attacks of stopped coryza,².—Bleeding of the nose, in the morning between 6 and 7 o'clock, after rising from bed, for several mornings in succession,¹⁰.—Frequent, profuse nose-bleed,⁴⁹.—Nose bleeds after blowing it violently,²².—*Subjective.* A soft pressure across the root of the nose, extending upward, and on the eyebrows, which disappears when touched, with tension of the skin of the left wing of the nose,⁶.—**Pressive pain in the root of the nose (after the heat of the cheek had disappeared), which extended to the side* (after five hours),¹.—[240.] Fine needle-like stitches in the cartilage of the wings of the nose,¹¹.—Tearing pain in the back of the nose,¹.—Biting deep in the left nostril, sudden, painful, sticking on every inspiration; the biting is aggravated by compressing the nose, after which there is itching externally on the back of the nose, in the evening (after half an hour),⁶.—*Smell.* (He fancies that he smells a corpse),¹.

Face.—Objective. Hippocratic face (pointed nose, hollow eyes, with blue rings), indifference, insensibility; he paid no attention to those about him; did not care about those things of which he was usually most fond (after one hour),¹.—Face sunken, pale,¹.—**Sunken, pinched face, pale, sickly*, as after excesses,¹⁶.—The color of the face is bad, earthy,¹.—[Red, puffy face],³³.—Face flushed and swollen,¹¹.—[250.] **Paleness of the face*,¹.—Frequent changes in the color of the face,¹.—*Subjective.* Right-sided face-ache,¹¹.—Pressure across the face, especially near the nose and cheeks, together with contraction of the eyelids, as if the upper and lower lids were drawn towards each other (after three hours),²².—Needle-like pains in left face, left chest, and left hand,¹¹.—*Cheeks.* Redness of the cheeks and lobules of the ears,¹.—Fine stitches in the right cheek-bone, which disappear on pressure,⁹.—A picking pain in the zygoma and in a right back tooth,¹⁰.—A cutting-burning pain in the upper jaw, while standing (after seven hours),⁶.—*Lips.* [Blackish lips],³¹.—[260.] (The skin of the lips is wrinkled and shrivelled) (after five hours),¹.—(Cracking of the lips),¹.—Cracking of the lower lip in the middle (in sneezing),¹.—**Dry lips*, without thirst (after seven hours),⁶.—Sensation of soreness on the right side of the upper lip near the corner, as after much wiping in coryza,⁶.—The inner surface of the lower lip is sore and excoriated,¹.—Pain in the lower lip near the left corner of the mouth, as from a corroding ulcer,⁶.—*Lower Jaw.* Jerking, dull stitches in the right side of the lower jaw,²¹.—Tearing in the left side of the lower jaw,¹¹.—Tearing pressure in the right upper and lower jaws at night, before midnight,¹.

Mouth.—Teeth. [270.] **The teeth are loose and painful, only when*

chewing,¹.—Toothache, with looseness of the teeth (after three hours),¹.—Toothache, dry catarrh, and lachrymation,¹.—Drawing toothache comes on easily in the open air and in a draft,¹.—Pressive drawing toothache in the left upper teeth, with sensation as if the gum or inner portion of the cheek were swollen (after one hour),⁶.—Toothache, like a pressive drawing, in the left side of the lower jaw,⁶.—While smoking tobacco (to which he was accustomed) drawing-tearing toothache upward and downward in the upper jaw, followed by an attack of faintness,⁶.—Throbbing toothache,¹.—Drawing pain in the incisors in the morning,⁶.†—Toothache, sticking from within outward in the front teeth,¹.—[280.] Pain in the lower incisors, as if they had been knocked against something,¹.—*Digging in the upper back teeth, relieved for a moment by biting the teeth together, and pressing upon them (after forty hours),⁹.—Pressive pain in the crowns of the right back teeth, when biting the teeth together,⁶.—Drawing, pressive toothache in upper back tooth, with sensation as if it were benumbed, in the morning (after twenty-four hours),⁶.—Picking pain in an upper back tooth,¹⁰.—Small fine stitches, with tearings in the right upper back teeth, neither relieved nor aggravated by touch, or inhaling fresh air (after two hours and a half),⁹.—*Jerking-tearing in the upper back teeth of the left side* (after five hours),⁹.—**Gums.** Swelling of the gum and lips,³⁴.—**Tongue.** *Painless swelling on the side of the back part of the tongue*,¹.—A vesicle beneath the tongue, which is painful to move,¹.—[290.] (Yellowish tongue, not coated with fur),¹.—Tongue very much coated, especially in the afternoon (after seven hours),¹⁰.—**Tongue coated yellow*,⁴.—*Tongue covered with a thick, dirty, white coating (after a quarter of an hour),⁷.—Tongue coated very white, in the morning,²¹.—[Clean tongue, with bitter taste],⁵².—Sensation on the tongue as if it were dry, and covered with mucus (after one hour),¹.—Fine stitches in the tip of the tongue,¹.—**Burning stitches on the tongue*,¹¹.—Biting on the middle of the tongue, as if it were sore or burnt,¹.—[300.] Biting on the tip of the tongue, as from pepper, followed by accumulation of saliva at this place,⁶.—**General Mouth.** After an agreeable surprise much bright blood came suddenly into the mouth (after twenty-four hours),¹⁸.—Towards morning, an offensive odor from the mouth, which disappears as soon as she eats anything,¹.—The mouth is slimy, and the taste watery and flat,¹.—Acidity in the mouth,⁶.—Feeling as though there was an offensive exhalation from the mouth,¹.—[Dryness of the mouth],⁵³.—**Dryness of the mouth*, with thirst,¹².—Painless swelling of the arches of the palate and uvula (after three hours),¹.—Dry palate, with thirst, in the evening, an hour after the fever,⁶.—[310.] Tobacco-smoke causes an unusually acid and biting sensation in the posterior part of the palate (after twenty-four hours),⁶.—Scraping on the palate, even when not swallowing (eighth day),²².—**Saliva.** Accumulation of saliva, with nausea,¹².—**Much saliva in the mouth*, with nausea (after two hours),¹⁵.—Contractive sensation of the salivary glands; flow of saliva,⁶.—A sensation in the mouth, causing a coagulation of saliva, as if he had smelled of too strong vinegar,¹.—Watering of the mouth (70 drops after one hour),⁶².—Mucus in the mouth, in the morning after waking, and after making some exertion; it seems to him as though it was offensive to those near him; he believes there is an offensive odor from his throat,¹.—**Taste.** **Flat, insipid taste*, after drinking,¹.—Sweetish taste,²¹.—[320.] **Taste at first sweetish, then sour; profuse saliva*,⁶.—Nauseous taste in the mouth, as after cheese,⁶.—A nauseous, at times

† Rhus tox. would seem to be the antidote for the symptoms 278, 283.—H.

bitter taste, especially in the morning; the food had an unpleasant though not a bitter taste,¹¹.—Very nauseous taste (in consequence of his having taken large doses of bark in powder for intermittent fever, a year and a half previously), (18 drops),⁶⁹.—**Slimy taste in the mouth, which disgusts him with butter*,¹.—Bitter, slimy taste (70 drops after one hour),⁶².—Salty taste,¹.—Sweetish, salty taste in the mouth (after three hours),¹⁵.—Frequently a sour taste in the mouth, as if his stomach had been disordered by fruit,¹.—[Bitter taste],^{33 47}.—[330.] **Bitter taste in the mouth; even the tobacco tastes bitter while smoking*,⁶.—Bitter taste in the throat, which obliges him to swallow saliva (immediately),⁹.—Bitter taste in the morning,¹.—Bitter taste in the mouth, while drinking coffee,².—Constant bitter taste in the mouth,¹.—All food tastes unusually salt, afterwards bitter,¹⁶.—Bitter taste of food, especially of wheaten cakes (after six hours),¹.—**Although he had no bitter taste in his mouth by itself, yet everything tasted bitter; after swallowing food there was no bitter taste*,¹.—Tobacco tastes sweetish while smoking,²¹.—Black bread tastes sour (after three hours),¹.—[340.] Coffee tastes sourish,¹.—Beer tastes bitter and mounts to the head,¹.—**Bread tastes good while chewing, but bitter on swallowing*,⁶.—Bitter, salty taste of bread and butter; dryness of the palate and throat; when not eating, no unnatural taste in the mouth, only dryness and thirst,⁴.—Supper has little taste,¹².—No taste from smoking tobacco,¹².—*Speech*. [Loss of speech],⁴⁹.

Throat.—Very dry sensation in the throat, with cool breath (after one hour),¹².—It seems as if some food remains in the upper part of the throat (after three hours),¹⁸.—The throat seems swollen internally; sticking, only when swallowing, on the left side of the tongue, with a pressive pain in that spot, only when talking or breathing,¹.—[350.] Contractive sensation in the throat,¹².—Sticking in the right side of the throat, only when swallowing,¹.—Stitches in the throat, in the evening after lying down, not when swallowing, but when breathing,¹.—Stitches in the throat from a slight draft of air, when not swallowing,¹.—Sensation in the pit of the throat, as if it were sore; a sensation when swallowing like a sore throat, although swallowing does not hurt it,¹.—Troublesome sensation of rawness in the throat,¹⁶.—*Fauces, Pharynx, and Œsophagus*. [Angina faucium],³³.—Scraping sensation in the fauces, especially on the margin of the larynx, as after rancid eructations or heartburn,¹.—Sensation of emptiness in the pharynx and œsophagus (after eleven days),²².—Tension in the pharynx, on bending the head backward, which, however, did not hinder swallowing,⁶.—[360.] Contraction of muscles of œsophagus,⁶⁹.—A gentle contraction of the œsophagus, with the peculiar China taste, for one hour and a half (18 drops, directly after),⁶².—*Swallowing*. Swallowing difficult, on account of a sensation of narrowness in the throat,².—Painful swallowing; swollen submaxillary glands, with special pain in them on swallowing,¹.—*External Throat*. The submaxillary glands are simply painful (beneath the angle of the lower jaw), especially when touched and on moving the neck,¹.—A clawing or pinching pressure in the right submaxillary glands, on motion of the neck and on touch, or by itself,¹.

Stomach.—*Appetite*. Rather an increase of appetite (second day),⁶³.—Good appetite at dinner,⁶⁶.—Very good appetite (70 drops),⁶⁰.—Appetite unusual, so that I ate nearly as much again as usual, for eight days (after four days),⁵⁷.—[370.] Great appetite for sour cherries,⁴.—*He has an appetite for various things, but does not exactly know what*,¹.—Voracious appetite, longing for something, he does not know what,¹.—Hunger in the afternoon at an unusual hour,⁹.—Hunger, though without relish,¹.—**Hunger*

and yet want of appetite; the food tastes natural, yet seems disagreeable in the mouth,².—Great hunger and appetite at 8 A.M., without knowing what he wishes to eat,¹⁴.—Ravenous hunger, with insipid taste,¹.—A kind of ravenous hunger, with nausea and inclination to vomit (after two hours),¹.—Frequent longing for indefinite substances,¹.—[380.] Enjoyed his dinner,⁶⁴.—He relishes supper but is immediately satiated, and hence can eat very little,¹.—Less appetite (70 drops),⁶¹.—Little appetite,¹¹.—Little appetite at noon, from a sensation of satiety,⁴.—[Loss of appetite],⁶⁰.—Loss of appetite, as from slight nausea,¹⁰.—Loss of appetite and nausea; constantly wants to vomit and cannot, before and after noon,¹.—No appetite all day (140 drops),⁶².—*No longing for food, with a natural taste*,¹.—[390.] *No desire for food or drink*,¹.—***Indifference to eating and drinking**; only while eating some appetite and the natural taste of the food return (after six hours),¹.—The dinner is eaten without any relish,¹.—He does not relish tobacco when smoking,².—***Thirst**. More thirst every morning than in the afternoon,¹¹.—**Thirst and hunger, in the evening, an hour after the fever, then, after he had eaten, coldness and rumbling in the bowels*,⁶.—(Thirst during the chill),¹.†—**Thirst after the chill, without subsequent heat*,¹⁹.—**Thirst, after shivering through the skin*,¹.—**Thirst after the fever, during sweat on the back and forehead*,²⁰.—[400.] Very great thirst for an hour (after nine hours and a half), followed by burning heat over the whole body, with throbbing in all the veins, without sweat and without thirst, with violent burning of the ears and forehead, though with only the usual warmth of the cheeks, hands, and feet, all of which parts seem in the internal sensation of being too hot (after ten hours and a half),⁹.—Excessive thirst for cold water, with chill and heat, especially in the morning just after walking,¹¹.—Unquenchable thirst, during a chill and intermittent fever,³⁹.—Great desire for wine,¹.—Little thirst,².—No thirst when eating,⁴.—No thirst with the heat immediately after midnight, only dry lips,¹.—Aversion to water and longing for beer,¹.—Aversion to beer,¹.—**Aversion to coffee, although food has a natural taste*,¹.—***Eruptions**. [410.] *Eruptions* (immediately),⁹.—Eruptions (directly after),⁶⁴.—Eruptions, without taste or smell,⁶⁴.—Eruptions until going to sleep (immediately after),⁶³.—Eruptions tasting of the food,¹.—Eruptions, as if caused by nausea, with colic (after three-quarters of an hour),²⁰.—An eruption, as from nausea (after one hour),²⁰.—Four eruptions, with a taste of bark (36 drops after fifteen minutes),⁶⁰.—Some eruptions (2 ounces),⁶⁷.—Sundry eruptions (1 ounce, soon after),⁶⁷.—[420.] More frequent eruptions (70 drops),⁶¹.—Constant eruptions (70 drops after one hour),⁶².—**Empty eruptions of only air* (after two hours),¹.—Tasteless eruptions till toward evening (directly after),⁶³.—Tasteless eruptions after eating,¹⁸.—Bitter eruptions after eating (after two hours),¹.—

† This, together with 402, does not seem to be correctly observed; for in all other observations I have found that the Cinchona fever has no thirst with the shivering or chill, see 1118, 1123, 1131, 1147; the thirst appears much more after the shivering or chill, as is shown by 397, 398, 1129, or, which amounts to the same thing, just before the heat, 400. So, also, the thirst is not marked during the fever of Cinchona, even in the most developed hot stage, see 29, 1177, 1180, 1182, 1184, 1193, 1203, 1221, except some burning of the lips, 1185, or dryness of them, see 406, 1203, although this dryness explains the expression "*some thirst during the heat*," 1187; for the "*thirst during the transient heat*," 1194, does not denote completely developed feverish heat. Much more, however, does the thirst appear *after* the heat, 309, 395, 1148, or what is the same thing, during the sweat, 1228. The feverish heat, accompanied by stinging over the whole body, seemed to make an exception, see 1181, 1192.

Continued bitter eructations (18 drops after one hour and a half),⁶².—Incomplete sourish eructations, after drinking milk (after one hour and a half),⁶.—Bitter, sourish eructations, after bread and butter,¹⁴.—A sobbing-like tendency to eructations, something half way between sobbing and eructations (after three-quarters of an hour),¹.—[430.] Frequent rising of badly-tasting mucus,¹.—Hot risings from the stomach, soon followed by a decided taste of China, beginning at the root of the tongue and spreading through the whole mouth,⁵⁸.—**Nausea and Vomiting.** Nausea,⁴³; (after five minutes),⁵⁸.—Nausea (18 drops),⁶¹.—Nausea (after five minutes),⁵⁸.—Nausea (70 drops; after one hour),⁶².—[Nausea],²⁵.†—Nausea for about an hour,⁶⁶.—Nausea and hot risings from the stomach, with a decided taste of the China, extending from the root of the tongue over the whole mouth (after five minutes),⁵⁸.—Nausea in the region of the pit of the throat, after eating,¹¹.—[440.] [Nausea, with the usual appetite],⁵².—Nausea and unpleasant taste (120 drops),⁶⁰.—Nausea and vomiting,¹.—Nausea, without vomiting,¹⁴.—Excessive nausea and aversion for not unpleasant substances, even when they are not set before him and he only hears them spoken of; with aversion to labor, constant sleepiness during the day, and yellowness of the eyeballs (after eight hours),¹.—Nausea, flushes of heat, and orgasm of blood disappear after eating,¹.—Inclination to vomit,¹⁷.—Inclination to vomit (18 drops),⁶¹.—(Retching and contraction in the pharynx, without hindering breathing),¹.—[Continued vomiting],²⁶.—[450.] 11.15 A.M., slight vomiting, consisting principally of water, of a very sour taste, of a spirituous, penetrating smell, like bark,⁶⁸.—**Stomach.** [Indigestion],³⁶.—The food eaten at supper remains in the stomach undigested,¹.—The stomach is easily disordered by food, or by eating an improper kind of food, with flat taste in the mouth, fulness in the abdomen, fretfulness, and headache,¹.—**Milk easily disorders the stomach*,¹.—**Sensation of emptiness and qualmishness in the stomach*,¹.—[Anxiety in the region of the pit of the stomach],²⁹.—[Anxiety in the region of the pit of the stomach, especially after eating],⁵³.—After a moderate meal followed by a walk, while sitting, a nauseous anxiety in the stomach, as from an overloaded and disordered stomach, together with hunger,⁶.—[Heaviness and pressure in the stomach],⁴⁶.—[460.] [Sensation of heaviness in the stomach],⁴⁷.—After pressing upon the stomach, a burning rises half way into the chest,¹.—Fulness after eating, though with the usual appetite before the meal,¹.—Sensation of fulness in the stomach,².—He feels as though he had eaten to satiety, had drunk to satiety, and also had smoked tobacco to satiety, although he has for all the articles a natural good taste (a few hours),¹.—Compression in the pit of the stomach which impedes respiration (after half an hour),⁹.—Some spasm in cardiac region,⁶⁶.—Sticking pain in the pit of the stomach, extending to the sternum,¹⁴.—Jerking-sticking in the stomach (after three hours),²¹.—Transient stitches here and there in the stomach and abdomen,¹.—[470.] Severe stitches in the pit of the stomach, during inspiration (after three hours),¹.—Sharp stitches in the pit of the stomach,¹¹.—**Sensation of soreness, with pressure (or pain, as if one pressed upon a sore place) in the pit of the stomach, several mornings*,¹.—Pressure in the stomach,³¹.—Pressure in the stomach, as from fulness,¹².—In the morning, in bed, while lying on the side, pressure in the stomach (as if it were constricted); it disappears when lying upon the back,¹³.—Pressure in the stomach, and griping,¹.—At first pressure in the stomach, afterwards accumulation of flatulence, followed

† Local effect of the powder.—HUGHES.

by vomiting after eating, with the usual appetite (vegetables),¹.—**After taking food, even a very little, there was immediately a hard, long-continued pressure in the stomach*,¹¹.—Heavy pressure in the stomach,^{40a}.—[480.] Severe pressure in the stomach, after every meal,¹.—A severe pressure below the pit of the stomach, as if everything there were sore, in every position; the same when touched; soon afterwards a violent diarrhoea, which did not relieve the pain in the pit of the stomach (after seven hours),¹⁶.—Violent pressure in the stomach, which disappears while eating,¹⁸.†—Oppression of the stomach,²⁵.—Weight on stomach,⁶⁶.

Abdomen.—**Hypochondria.** Pinching stitches in the left hypochondriac region (after one hour and a half),⁹.—**Several attacks of intermitting pressure in the region of the liver, while standing, which disappear on bending the body forward; the region is painful to touch, as if suppurating* (after five hours),⁶.—Continued stitches beneath the right ribs, in the region of the liver, unaffected by inspiration or expiration (after four hours),⁹.—Violent stitches in the region of the liver, extending from within outward, only on expiration (after five hours),⁹.—Swelling of the liver,^{40a}.—[490.] [Obstruction of the liver],⁴⁴.—[Obstruction of the spleen],⁴⁴.—Cutting pressure in the region of the spleen, as if the spleen were hardened,⁶.—Stitches in the spleen when walking, even slowly,⁶.—**Umbilical.** Gripping, as if external, below the right side of the navel, while sitting, in the evening (after thirteen hours),⁶.—Colicky spasms in region of navel,⁷².—Pressure in the umbilical region,¹².—A constrictive pressure in the umbilical region, in the evening in bed,⁶.—Contractive pressure on the right side below the navel, as if there were an induration there, while sitting,⁶.—After a moderate meal at noon and in the evening, pinching pressure somewhat above the navel, in the upper abdomen, which becomes intolerable on motion, and is only relieved during complete rest,¹.—[500.] Severely pressing pain on both sides below the navel, after eating,⁴.—Severe cutting in the umbilical region, with cold sweat on the forehead, lasting a quarter of an hour (after a few minutes),²⁰.—Dull sticking in the right side above the navel, more severe when touched,¹¹.—Dull sticking in the left side of the abdomen about the navel, and at the same time below the right nipple, extending inward (after one hour),¹¹.—*Excessive, pressive sticking on the left side below the navel, while walking rapidly and afterwards* (after two hours),⁷.—Tearing in the umbilicus,¹.—Tearing and rumbling in the abdomen below the navel,¹².—Excessive tearing on the right side near the navel, extending down into hypogastrium, in all the inguinal region; relieved by bending backward,⁷.—**Colic in the region of the umbilicus, together with shivering*,¹.—Frequent attacks of cutting colic in the umbilical region,².—**General Abdomen.** [510.] [Inflammation of the abdomen],⁵³.—Distension of the abdomen, especially of the lower abdomen,¹.—**Distension of the abdomen, as from much drinking and from flatulent food*,¹².—Distension of the abdomen, in the morning, without flatulence,¹.—**Distension of the abdomen after eating, like a fulness*,¹.—Distension of the abdomen, colic, and diarrhoea,^{40a}.—[Obstinate distension of the abdomen, causing anxiety],⁵³.—**Obstinate, tense distension of the abdomen*,¹⁸.—[Flatulent distension of the abdomen],⁵³.—[Swelling of the abdomen],²⁹.—[520.] Belly much swollen for a short time, until eructations ensued (36 drops),⁶².—[Ascites, dropsy],⁵³.—[Tympanitis],³³.—***Tympanitis**,^{53 56}.—[Contraction of the abdomen and sides by

† Alternate action with 478.

heavings and fallings of the scapulæ],⁵⁵ †—[Indurations of the abdomen],⁵³.—[Attacks of hardness, distension, and pains in the abdomen],⁵⁵ †—[Ulcers in the abdomen],⁵³.—***Fermentation in the abdomen from eating fruit** (cherries),¹.—Crackling in the left side of the abdomen, downward and backward, as if in the ascending colon,⁶.—[530.] Rumbling in the abdomen (after one hour),¹⁸.—Rumbling in the upper abdomen (after two hours),²¹.—Rumblings and rattlings in the intestinal canal (18 drops, after one hour and a half),⁶².—**Great rumbling and moving of much flatus in the abdomen, with a pressive sensation, in the evening between 6 and 10, followed by passage of much offensive flatus*,³.—Violent commotion in abdomen, followed by passage of the clyster, with relief of symptoms,⁵⁸.—**Excessive flatulence* (after five hours),⁶³.—**Flatulence, and profuse discharge of it*,¹².—More flatus than usual (second day),⁶³.—**Very badly smelling flatus* (120 drops),⁶¹.—**Accumulation and passage of much flatus* (after half an hour),¹.—[540.] **Flatulent discharges* (18 drops),⁶¹.—**Discharges of very fetid flatus* (70 drops),⁶¹.—**Passage of much offensive flatus* (after ten hours),¹.—Passage of much excessively offensive flatus,¹⁸.—(With desire and urging for stool only flatus is passed),¹.—Much passage of flatus, together with drawing in the abdomen, with a hard stool, which is difficult to pass (after forty-eight hours),²².—Pain in the abdominal muscles, as if bruised (after one hour),¹.—Pain in the abdomen, as from a purge, after drinking,¹.—**Fulness of the abdomen*,^{40a}.—**After eating, he remains for a long time full; what has been eaten remains in the upper part of the abdomen*,¹.—[550.] It seems as though the upper abdomen were constricted,¹¹.—Sensation of contraction of the intestinal canal, with rumbling in the lower abdomen,¹¹.—Contractive pain in the abdomen, in the evening while sitting, which disappears on rising, and still more when standing and walking,⁶.—Narrowing and tightening (angustia et firmitas) of the intestines,²⁷.—Pinching and coliclike contraction of the intestines above the navel, on rising after stooping,⁶.—Violent pinching in the upper abdomen (was obliged to bend double in order to relieve it), (after one hour), alternating with inclination to vomit, urging to stool, and shaking chill all over; after a griping pressure in the upper abdomen,²¹.—Pain in the abdomen like a pinching and drawing, mostly while sitting,⁶.—Griping in the abdomen, with increased hunger and weariness (after three hours),¹.—**Griping, with violent pains in the abdomen on passing flatus*,¹.—Violent griping in the abdomen, which disappeared on rising from sitting,²⁰.—[560.] Spasmodic pain in the abdomen, composed of pressure and constriction (after twenty-four hours),¹.—Cold, colicky cramp in bowels, followed by slight diarrhoea,²³.—Drawing pain in the right side of the abdomen, while walking,⁶.—Pressure in both sides of the abdomen, as if a stool should follow and could not,¹.—Pressure and heaviness in the abdomen,¹.—Pressure and cutting in the intestines, during and after the passage of whitish turbid urine,¹.—Sticking pressure in several parts of the upper abdomen, in the morning in bed (four days in succession),¹¹.—Pressive pain in the region of the cæcum (while sitting),².—Griping, pressive pain in the abdomen when walking, towards evening,⁶.—Sharp pains in abdominal region, of about eight minutes' continuance (after two hours),⁶³.—[570.] Cutting pains shoot through the abdomen in all directions, before the passage of the flatus (after one hour),¹.—Stitches in the abdomen, extending downward on inspiration, while sitting,⁶.—Sharp stitches in the left side of the upper

† See note to S. 798.

‡ This, with S. 880 and delirium, occurred instead of the ague paroxysms, five days after beginning China.—НУДНЕС.

abdomen just below the ribs, extending from within outwards, worse on inspiration (after seven hours),¹¹.—Beating in the right side of the abdomen.¹².—Drawing-jerking pain in the side of the abdomen, while eating and drinking (after two hours),¹.—Throughout day, during digestion, colicky pain (second day),⁶⁷.—[Colics],⁵³.—**Colic before the passage of flatus*,¹.—**Colic before the stool*,¹.—Colic with the stool,¹.—[580.] Colic, at noon before eating, as in retention of flatulence,¹.—**Colic, immediately after eating a moderate supper with good appetite, that is, distension of the abdomen, with here and there sharply pressive pains, mingled with gripings in all the intestines*,¹.—Colic in the epigastric region, like a pressure, which is always relieved by rising from sitting, but returns on sitting down again, and lasts two hours (after three-quarters of an hour),²⁰.—[Colic, with nausea],⁴².—**Colic, with great thirst* (after one hour),⁴.—[Excruciating, intolerable colic],²⁶.—[Unspeakable colic],⁴¹.—**Flatulent colic* (after two hours),¹.—Flatulent colic; pain in the upper abdomen; the lowest intestines felt constricted, and the flatus endeavored in vain to expel itself, with tension and pressive pain; eating even caused tension under the short ribs and anxiety,¹.—Griping-sticking colic in the abdomen,¹.—[590.] Forcibly pressing colic, in the evening, as if diarrhœa would come on, while sitting, which disappears on walking and standing,⁶.—Pressive, pinching colic (sticking) below the region of the stomach, as if diarrhœa would come on, without, however, any stool, in the evening (after thirty-six hours),⁶.—[Scorbatic colic],³¹.—***Hypogastrium and Iliac Region.*** Increased peristaltic motion in the lower abdomen, together with pressure,¹².—Gurgling in the lower abdomen,¹³.—Paroxysmal, cramp-like pain in the hypogastric region, while standing,⁶.—In the abdomen above the mons veneris, griping-drawing back and forth, as if diarrhœa would come on, with short passages of flatus, while sitting (after twenty-seven hours),⁶.—Severe pressure in the left side of the lower abdomen (after three minutes),⁷.—Pressive pain in the lower abdomen, during the febrile chill (after a quarter of an hour),⁴.—Dull sticking in the lower abdomen on the left side, in the region of the kidney,¹¹.—[600.] Fine stitches in the hypogastrium on the mons veneris, almost only while walking,⁶.—Pressive, tearing pain on the left side near the mons veneris,¹¹.—A sore pain in the abdominal ring, and sensation as if a hernia would protrude through the sore ring (after four hours),¹.

Rectum and Anus.—***Rectum.*** A continued burning pain in the rectum, after the midday nap (after four days),¹.—Contractive pain in the rectum, especially when sitting (after seventy-two hours),¹.—*Pressure in the rectum* (after two and six hours),¹.—Sharp stitches in the lower portion of the rectum, especially in the sphincter ani, also during stool, and afterwards sticking-drawing, lasting three days,¹¹.—Tearing and tearing jerks in the rectum, while lying in bed (after ten hours),¹.—Crawling in the rectum, as from ascarides after a stool,¹.—Crawling in the rectum, as from ascarides, and discharge of many of them,¹.—***Anus.*** [610.] Bleeding hæmorrhoids,²³.—Painful sensations in hæmorrhoidal tumors (120 drops),⁶¹.—Sensation of an acrid substance in the anus during stool,¹.—A burning and burning-itching at the orifice of the anus, immediately,¹.—Stitches in the anus during a stool, mixed with blood (after five hours),¹.—Piercing stitches in the anus and rectum, when not at stool (after five days),¹.—Crawling in the anus,¹.—Crawling-creeping and itching in the anus and urethra, with a burning in the glans,¹.—***Perineum.*** Sticking pain in the perineum, especially sensitive when sitting,¹.—***Urging.*** Inclination for stool,¹¹.—[620.] Inclination to thin stool, like diarrhœa,¹.

Stool.—**Diarrhœa.** **Diarrhœa*,⁴³.—**Diarrhœa*; it seemed as though the fœces contained undigested food; they passed in several pieces (after twelve hours); and after he had finished there was still an inclination to stool, but no more passed,¹¹.—Diarrhœa, with burning pain in the anus,¹.—***Diarrhœa of undigested fœces**,¹.—[Frequent, diarrhœa-like, blackish stool],⁴⁷.†—Violent purging,⁵⁴.‡—Three stools, of which the last was pappy (70 drops),⁶⁰.—**Three soft stools, with biting-burning pain in the anus, and colic before and after every stool*,¹.—Two stools, contrary to custom (36 drops second day),⁶⁰.—[630.] Two stools in morning (second day),⁶⁶.—Two pappy stools (second day),⁶⁷.—Stool after eating,¹.—Thinner stools (120 drops),⁶¹.—Stool thinner than usual (after twenty-four hours),⁴.—A soft stool during the day,³.—**Soft stool, with dark urine* (after forty-eight hours),¹.—Nodular, yellow, soft stool, in the morning,⁶.—Bilious stools,²³.—**Constipation.** [Constipation],²⁶ ³³.—[640.] Constipation the whole day; constipated stool in the evening,¹⁹.—Constipation; a long-continued accumulation of fœces in the rectum,³⁵.—Constipation, with accumulation of fœces in the intestines, heat in the head, and dizziness,¹.§—Throughout the day, constipated (120 drops, second day),⁶⁰.—Costive (second and third days),⁶⁴ ⁶⁵.—Rather costive (third, fourth, fifth, sixth, and seventh days),⁶⁶.—Stools less frequent,⁶⁷.—Alvine discharge intermitted for two days (18 drops),⁶².—The stool is evacuated only with great pressure and after long urging, and then it hurts very much,¹.—He is obliged to press out the stool with great force, although it is not hard but pappy; this is followed by ineffectual urging to stool, with pain,⁶.—[650.] In evening, stool harder than usual,⁶⁴.

Urinary Organs.—**Bladder.** *Pressure in the bladder after frequent and almost ineffectual efforts to urinate*,¹.—**Urethra.** Constant burning in the orifice of the urethra,¹.—Continual burning in the orifice of the urethra, with a sore sensation on the margin of the prepuce, especially painful when the clothes rub against it (after two hours),²².—Burning pain in the orifice of the urethra, during and after urinating (after three hours),¹.—Spasmodic contractive pain, extending from the rectum through the urethra to the glans penis and through the testicles, in the evening,¹.—Sticking in the urethra when urinating,¹.—Burning-biting in the forepart of the urethra, in the evening,¹.—Painful sensitiveness of the urethra, especially with stiffness of the penis, also noticed when sitting and rising up,¹.—Bubbling sensation in the region of the bulb of the urethra (after six hours),¹.—[660.] Frequent and such urgent need to urinate that the urine passes involuntarily,¹.—**Micturition.** It promotes the flow of urine,²³.—Increased passage of urine, with burning in the orifice of the urethra (after two hours),²².—Very frequent urinating (after twenty-four hours),¹.—The urine is passed in a feeble stream and slowly; he is obliged to urinate very frequently,¹.—Scanty and dark-colored urine (70 drops after one hour),⁶².—[Scanty, yellowish-green urine],³³.—Scanty urine, with brick-red sediment, and hard, tense swelling of the foot, spotted with red,¹.—Scanty secretion of urine during the first twelve hours; it afterwards becomes more copious,¹.—**Urine.** **Urine somewhat darker-colored* (18 drops after one hour and a half),⁶².—[670.] **Dark-colored urine, with brick-red sediment* (after twenty-four hours),¹⁹.—Urine is not passed frequently, but is paler

† From the extract, looking (says the author) like the extract itself.—HUGHES.

‡ Not found.—HUGHES

§ The constipation of Cinchona is the reaction or secondary effect of the organism against the great tendency of this drug; the primary action is to cause diarrhœa.—H.

than usual, and deposits a cloud (after three hours),⁶.—Pale yellow urine, which on the next morning has deposited a dirty-yellow, flocculent sediment,³.—Whitish, turbid urine, with a white sediment,¹.

Sexual Organs.—Male. Frequent erections (after six hours),¹.—Awoke thrice in the night, with erections (second day),⁶³.—Pressing pain in the glans, before urinating,¹.—Fine needle-like stitches in the frænum of the glans, worse on touch, especially sticking and tensive, painful; nothing was to be seen externally,¹.—A jerking pain between the glans and prepuce, when walking,¹.—Itching in the glans, which compels rubbing, in the evening, in bed,¹.—[680.] The scrotum hangs down (after one hour),¹.—Drawing pain in the testicles,¹.—A kind of tearing pain in the left testicle and left side of the prepuce, in the evening, in bed,¹.—Swelling of the spermatic cord, painful to touch, and of the scrotum, especially of the epididymis,¹.—Increased sexual desire,¹.—Nightly emissions,¹.—In each of the four succeeding nights, a not insignificant emission (120 drops),⁶¹.—An excessive emission at night, at 3 o'clock,⁴.—**Female.** Increase of the existing menstruation, even to metrorrhagia; the discharge is passed in black clots (after one hour),¹.†—Suppression of menstruation,⁴⁸.

Respiratory Organs.—Larynx and Bronchi. [690.] Accumulation of mucus in the larynx, which he constantly loosens, and which makes the voice hollow and hoarse,¹².—Sensation of a collection of mucus in the larynx,².—A kind of drawing in the air-passages below the larynx, followed by paroxysms of coughing,⁶.—Stitches and a raw sensation in the larynx,².—**Continual irritation to hacking cough, in the morning after rising, as from sulphur-vapor, whereby nothing could be loosened, for several mornings,*⁷.—Tickling in the evening, provoking cough, which, however, he is able to suppress,¹.—Pain in the bronchi and in the sternum, on coughing,¹.—**Voice.** *An affection of the larynx, so that the tone of the voice and of singing is deeper than usual, and rough* (after two hours),¹.—*Hoarse, rough voice,².—**Cough and Expectoration.** **Cough caused by laughing,*¹.—[700.] He wakes after midnight with cough; with every paroxysm of coughing he feels a sharp sticking in both sides of the chest, still he is able to cough lying down,¹.—**Severe coughing, immediately after eating* (after four hours),¹.—[During the chill of an ague paroxysm, difficult cough, with stitches in the sides],³³.—Suffocative cough for a few minutes at night, about 2 and about 4 o'clock (a kind of hooping-cough); she screamed on account of it after she had coughed a few times,¹.—[Suspicious cough],⁴⁰.—(Cough of bloody mucus),¹.—**Respiration.** **Whistling and wheezing in the bronchi, on breathing* (after two hours),¹.—[Breathing, with sibilus through the nose],⁵⁵.†—*Snoring and moaning when sleeping, in a chill,*¹.—*Snoring inspiration* (through the nose) *when asleep* (after three hours),¹.—[710.] *Snoring inspiration and expiration, while asleep,*¹.—When asleep, a snoring inspiration soon follows, and a *puffing expiration,*¹.—Inclination to breathe deeply, before dinner,¹.—[Impeded respiration for half an hour],⁵³.†—Very difficult, painful inspiration and quick expiration,¹.—[Dyspnœa],²⁴⁵⁵.—Dyspnœa, with difficult, at times rattling expiration (mostly when walking), with rawness of the chest (after four hours),⁹.—[Asthma],⁵⁵.

† 688 seems to be the primary action of Cinchona, 689 the subsequent or secondary action; the excitement of the circulation and hæmorrhage from the nose (235–237), from the mouth, 301, from the lungs, 705, are the not at all seldom primary action.—H. (Compare Chinin. sulf., S. 563.—T. F. A.

‡ See note to S. 798.—HUGHES.

—A kind of suffocative attack, as if the larynx were filled with mucus, especially towards evening, and at night on waking from sleep (after eight hours),¹.

Chest.—Some twitching and jerking here and there in the pectoral muscles,².—[720.] A sensation, at first burning, then of agreeable warmth, extending from the upper part of the chest to the stomach,¹⁰.—An agreeable fulness of the chest, as from satiety, with a pleasant (sweetish) taste of the saliva (after one hour),⁶.—[Tightness of the chest],²⁰.—Tensive pain, especially in the internal pectoral muscles (in the morning),¹.—Contractive pain beneath the last ribs, and a sensation as if bruised, only when walking,⁶.—**Pressive-drawing pain across the lower portion of the chest while sitting, which caused anxiety; it disappeared while standing and walking,*⁶.—Tearing-drawing beneath the last ribs, while standing,⁶.—Pressure upon the chest,⁶.—A burning inward pressure in the whole chest,¹.—Pressure from within outward in the region of the last ribs (after twenty-four hours),²².—[730.] An intermitting cutting pressure across the chest while sitting bent, which disappeared on becoming erect, and still more when standing and walking,⁶.—Pressive pain in the chest,⁵.—Pressive pain in the chest, and sensation of soreness in the larynx, when coughing,¹.—Oppression of the chest,⁶.—*Great oppression of the chest, in the region of the pit of the stomach, as if something were burrowing about there (after four hours),*⁷.—[Deathlike oppression of the chest],⁴⁰.†—In the evening, a sensation of oppression and uneasiness in the chest; he feels himself obliged to breathe deeply and to make a sighing expiration, whereupon the oppression is for the moment relieved; with a weak, scarcely perceptible pulse, and anxious, impatient mood,³.—The chest seems oppressed (in the night); whistling and rattling, with wheezing and râles in the bronchi, without his being obliged to cough on account of tough mucus (after five hours),¹.—Stitches in the chest, in the morning,⁸.—Stitches in the chest when walking rapidly, which disappear during rest,¹³.—[740.] Dull stitches in the chest, which compel expiration,⁶.—Rhythmical dull stitches from within outward in the thorax, during rest and motion, without affecting respiration (after one hour),²².—Sharp stitches between the seventh and eighth ribs,¹¹.—Sharp stitches in the thorax from within outward, in the region of the sixth and seventh true ribs, without affecting inspiration or expiration (after three-quarters of an hour),¹¹.—*Some violent stitches in the chest, just above the præcordial region, while he was at rest, especially while reading (after three and a half, sixteen, and eighteen hours),*¹⁵.—(Crawling in the chest, as if something were crawling about in it),¹.—[Troubles below the short ribs],⁵³.—**Front.** Drawing pain behind the sternum,¹¹.—Pressure over the whole anterior portion of the chest, at night while lying upon the back,¹.—Pressure externally upon the sternum, while sitting bent over, which causes anxiety, and does not permit sufficient inspiration; it disappears on becoming erect (after six hours),⁶.—[750.] Pressure externally on the middle of the sternum while the upper part of the body is bent over, and also while standing; it disappears on pressing upon it (after twenty-six hours),⁶.—Severe pressure on the sternum after eating, worse when sitting bent over or raising the arm,¹.—Some stitches from the sternum toward the back, soon after drinking (after eight hours),¹.—Sharp stitches in the forepart of the chest beneath the last ribs, without affecting inspiration or expiration,⁷.—Sharp stitches on the sternum, at the point of attachment of the ribs, on both sides from without inward, without affecting inspiration or expiration (second day),¹¹.—(Throbbing in

† The bark had been given during the chill of an intermittent fever.—H.

the sternum, in the morning and evening),¹.—**Sides.** **Pain in the side, as if beaten, or as from a blow*,¹.—Bone-pains in the joints of the ribs, as if bruised, on inspiration,¹.—A contractive pain in the right side of the chest, in a not very large spot in the middle of the chest, so that he was obliged to expel the breath suddenly and almost involuntarily,⁶.—Pressure on the left side near the ensiform cartilage,¹¹.—[760.] Drawing pressure on the right side of the chest while sitting; it is relieved while standing and walking,⁶.—(Sharp pressure, with crawling in one side of the chest),¹.—Tearing pressure below the last true ribs, on the left side near the ensiform cartilage,¹.—A pressive pain in the side of the chest, which impedes breathing,¹.—Hard pressive pain in the right side of the chest, in the region of the fourth and fifth ribs,⁶.—Sticking in the right side of the chest below the arm, in the region of the fourth rib, as if it were in the diaphragm, almost like a continual stitch; it disappears on pressing upon it and bending over (sixth hour),⁶.—Sharp sticking pain on the left side near the ensiform cartilage and in the pit of the stomach, only on inspiration (after sixty hours),¹¹.—A tickling-sticking in the left side of the chest, extending towards the præcordial region,¹⁰.—[Stitches in the side],⁴⁹.—Stitches in the side, while sitting and reading,¹³.—[770.] Stitches in the side and back, and constant nausea, while eating and drinking (after five hours),¹.—Stitches in the sides, with great heat, strong, hard pulse, and staring eyes,³⁷.—Stitches in the left side of the chest,¹⁴.—Stitches in the left side of the chest (on expiration), while sitting (after two hours),¹³.—**Dull stitches in the cartilages of the third and fourth left false ribs, without affecting inspiration or expiration*,¹¹.—*Sharp stitches near the right nipple, from within outward* (after ten hours),¹¹.—Severe stitches in the side at night, but during the day, only on motion or on touch (after thirteen days),¹.—Severe stitches beneath the last ribs, on inspiration, which arrest the breathing,¹.—**A small spot below the last right ribs, in which even the slightest pressure or walking causes a sticking pain*,¹.—Pressive, fine stitches in the left side of the chest (after eight hours and a half),⁹.

Heart and Pulse.—Præcordium. [780.] Dilatation of right side of heart,⁵⁹.—**[Oppression of the præcordial region, which impedes respiration]*,⁵⁵.—Stitch in the præcordial region after every drink,¹.—**Heart's Action.** **Palpitation of the heart*,¹.—*Palpitation of the heart, with intermitting pulse*; intermissions of every ninth beat followed by three or four rapid beats,⁵⁹.—At 3 A.M., awakened by considerable palpitation of the heart, which was not lessened by any change of position, but was increased by lying on left side; at 4 the palpitation subsided, and at 5 he fell asleep again; at 9 the palpitation returned with diminished force, and increased with increased motion of the body (120 drops, second day),⁶⁰.—Soon after dinner, considerable palpitation of the heart, increased by movement, lessened by quiet, continuing till 7 A.M. (120 drops, after four hours),⁶⁰.—**Palpitation and rush of blood to the face, which was hot and red, together with coldness of the hands* (after one hour),⁴.—Palpitation, immediately followed by chill (after twenty minutes),¹.†—Violent palpitation, conjoined with anxious sensation,¹⁰.—[790.] Violent palpitation, with depressed pulse and coldness of the skin,²¹.—**Pulse.** Rapid, irregular pulse (after six hours),⁴.—Rapid

† The Cinchona fever frequently begins with a concomitant symptom; with palpitation, 788, with sneezing, 228, with great anxiety, 29, 1143, with nausea, 1156, 1139, with great thirst, 400, with ravenous hunger, 1185, 1182, with pressive pain in the lower abdomen, 598, or headache, 1114.

and hard pulse, with flushes of heat, alternating with chilliness of the back, which is covered with cold sweat, which also appears on the forehead (after a few minutes), without thirst during the chill or fever, lasting five hours,²⁰.—After last dose, pulse more than 70,⁶⁹.—Pulse 80,⁶⁹.—Pulse slow, weak (after one hour and a half),⁹.—Pulse slow, weak, which after a while became gradually stronger and more rapid (after three-quarters of an hour),⁹.—[Pulse much slower and weaker than usual during the first hours],^{40b}. †

Neck and Back.—**Neck.** [Contraction of the neck],⁵⁵. †.—Movement of the neck is painful,¹.—[800.] Pain in the nape of the neck, extending to the throat, when turning the head, as if the cervical glands were swollen (which was not the case); the pain is more severe on touch, as if bruised (after a walk),¹.—Drawing pains in the nape of the neck,².—Drawing pain in the lower portion of the right side of the neck, just at the beginning of the neck, while standing, disappearing on stooping,⁶.—Several stitches in the neck (which leave a kind of stiffness),¹⁰.—Slow drawing stitches in the anterior cervical muscles, while at rest,³.—**Back.** Throbbing-sticking pain in the back,¹.—*Stitches in the left side of the back* (while sitting),¹³.—Pain in the back, on the slightest motion, as if bruised (after three hours),¹.—**Dorsal.** Contractive pain between the scapulae, while standing (after three hours),⁶.—Pain, as from a sprain, in the shoulder-blade (after twenty-four hours),¹.—Tearing in the region of the left scapula, on inspiration,¹⁰.—[810.] Drawing-tearing pain in the left scapula (after nine hours),⁹.—Needle-like stitches across the right scapula and in the left side of the chest (after a quarter of an hour),²².—Small stitches in the middle of the spine (after five hours),⁹.—**Lumbar.** **(Tensive) pain in the small of the back, as from a heavy load or after long stooping* (after twenty-three hours),⁹.—**Intolerable pain in the small of the back, as from cramp, or as if bruised and crushed; the slightest motion causes sudden crying out*,¹.—Dull sticking pain in the region of the right kidney, more violent while bending the body (after twenty-four hours),¹¹.—Dull stitches in the lumbar regions,¹¹.—Jerking-tearing in the left side of the small of the back,⁷.—**Sacral.** Severe sticking-drawing pains in the middle of the sacrum, extending towards the lumbar vertebrae,¹⁰.—Jerking across the sacrum (after half an hour),²¹.—[820.] Painful jerks in the sacrum (after twenty-one hours),²².

Extremities in General. — Objective. [Swelling of the limbs],²⁹.—**Laxity of all the limbs and trembling of the hands*,¹⁴.—Trembling of the limbs from a chill and creeping shiverings over the thighs, in the open, still, not cold, air; nevertheless, he was not chilly in a cold room (after nine hours),⁶.—[Weakness of the limbs],⁵³.—Trembling, loss of power of the limbs, with dilated pupils,¹.—[Gout],⁴⁴.—**Subjective.** **Numbness and deadness of the limbs*,¹.—*The limb upon which he lies goes to sleep*,¹.—A paralytic stiffness in all the joints, causing mental depression, on rising from sleep in the morning and from the midday nap,¹.—[830.] **Heaviness of all the limbs, especially of the thighs, as if lead were hanging to them*,².—[Pain in the limbs, especially in the joints],³³.—*Jerking-tearing§ in various places on the limbs, especially the hands and soles of the feet, aggravated*

† From a dose of an ounce —H.

‡ In an hysterical subject, instead of the paroxysm of ague, with S. 524, 707, 713, 844, 1145.

§ The chief pain caused by China seems to be a jerklike tearing.—HERRMANN.

by touch,⁷.—**A sensible though invisible trembling of all the limbs, combined with a cooling sensation*,¹².

Superior Extremities.—Weakness of the arms, noticed if he clenches the hands,¹.—Tension in the arms and hands (after two hours),¹.—Tearing, first in the left and then in the right arm (after three hours and a half),¹³.—Tearing and drawing in the arm, if she stand by the window,¹.—Paralytic tearing in the upper limbs, which extends into all parts, aggravated more by touch than by motion,¹¹.—**Paralytic jerking-tearing in the bones of the upper limbs, aggravated by touch* (after one hour),¹¹.—[840.] *Paralytic jerking-tearing, which extends from the head of the humerus along the muscles and bones to the phalanges, where it is painless; therewith the whole arm is weakened; the pain is increased by touch* (after three hours),¹¹.—**Shoulder.** Intermittent pressive-drawing pain on the margin of the right axilla, near the forepart (after three days),¹¹.—Tearing pressure in the left axilla and on the anterior and inner border of the scapula,¹¹.—*Paralytic jerking-tearing on the top of the shoulder, which is painfully sensitive to touch; after the pain has disappeared, it is renewed by touch; even the pressure of the coat on the shoulder causes it*,¹¹.†—**Arm.** [The arms are outstretched, with flexed fingers],⁵⁵.†—*Paralytic pain in the right upper arm, which begins in the head of the humerus and loses itself in the hand as a fine and slight tearing, together with warmth of the whole body, especially of the forehead* (after eight hours),¹¹.—Sticking pains in the upper arm, which almost immediately disappeared on moving it (after three-quarters of an hour),²⁰.—Jerking-tearing in the humerus, towards the upper and inner portion (after two hours),¹¹.—**Elbow.** Painful drawing on the coronoid process of the left ulna (in the bend of the elbow), more violent when touched,¹¹.—Tearing-piercing through the left elbow-joint, frequently returning,¹.—[850.] Stitches in the left elbow-joint,⁶.—Tearing pain in the left elbow-joint, worse on motion (after two hours),¹¹.—**Forearm.** The forearm goes to sleep when bending it (for example, when writing), with fine sticking in the tips of the fingers,¹.—Drawing pains in the bones of the forearm, as if the periosteum had been scraped with a dull knife,⁶.—Drawing bone-pains from the elbow to the fingers, in the evening (after twenty-four hours),¹.—Tearing and drawing back and forth, now in the right forearm, where it disappears on rubbing, now in the left (after four hours),¹⁶.—Tearing in both ulnæ, worse on touch,¹¹.—**Wrist.** Sharp drawing-sticking across the left wrist (in the evening), (after thirteen and fourteen hours),⁶.—**Hand.** **Trembling of the hand while writing* (after one hour),¹³.—Drawing pain across the back of the hand, which is swollen, on moving the left hand,¹.—[860.] Drawing pain in the palm transversely across the roots of the fingers,⁶.—The hand pains (cramplike drawing) on closing it,⁶.—Dull sticking in the metacarpal bone of the right index finger,¹¹.—Tearing at the point where the metacarpal bones unite with the bones of the wrist (after five hours),⁶.—Jerking-tearing in the base of the hand and metacarpal bones,¹¹.—*Jerking-tearing in the metacarpal bones and fingers, aggravated by touch*,⁷.—**Fingers.** The knuckle of the middle finger is swollen;

† Cinchona bark has this characteristic peculiarity, that not only by motion, and especially by touch of the part are the pains aggravated (S. 502, 776, 778, 832, 836, 839, 840, 848, 865, 914, 934), but even if the pains have disappeared, they are renewed by simply touching the part, as in this symptom and 901, 916, and then often increase to a frightful severity; hence this bark is frequently the only remedy in similar cases.—H.

‡ See note to S. 798.

he cannot move it on account of pain and stiffness,¹.—[Blue nails],³¹.—Drawing in the thumb, middle and index fingers, extending upward,¹.—*Tearing in the bones of the last phalanges of the fingers of the right hand, especially severe in the joints, without affecting motion* (after half an hour),¹¹.—[870.] Fine sticking-tearing in the last joint of the right thumb,¹¹.†—Jerking-tearing in the phalanges of the fingers (after twenty-four hours),⁷.—Jerking pain in the left little finger,¹.

Inferior Extremities.—Tottering of lower extremities,⁵⁹.—Weakness and exhaustion in the upper and lower legs, as from a long walk,¹².—Walking becomes difficult, and he feels very soon exhausted, as from a sensation of heaviness and paralysis of the legs,¹⁸.—The lower limbs go to sleep while sitting,¹.—Cramplike (stickinglike) drawing in the upper and lower legs (after half an hour),²¹.—Pain, like a sticking and burning, simultaneously on several parts of the lower limbs,⁷.—**Hip.** Weakness and unsteadiness of the hip and knee-joints, two mornings in succession, as though he had taken a long walk on the day previous; on continued motion this sensation leaves the joints, and changes to a bruised pain in the upper thigh during the first day, but more especially in the lower legs on the second day,³.—[880.] [Pain in the hip-joint, knees, and foot, as if they were sprained or crushed],⁵⁵.‡—In the hip and knee-joints, pressive drawing when sitting, which disappears on standing and walking,⁶.—**Thigh.** Hard swelling of the thigh, which at times extends down over the knee to the sole of the foot, becoming thinner in the lower part, reddish, and painful to touch,¹.—Weakness of the thighs,¹.—Sensation in the left thigh, while standing, as though there were hardened pimples in the flesh, with drawing pain in it (after two hours),⁶.—(Burning on the front of the upper part of the thigh),¹.—A burning and crawling, as if gone to sleep, in the thigh on which he had been sitting, on rising from sitting; especially noticed in the hollow of the knee, particularly while standing,⁶.—Tension in the anterior muscles of the thighs when walking,¹.—Cramplike paralytic pain in the right thigh and knee-joint, on rising from sitting, if he had sat for some time; also noticed while walking (after five hours and a half),⁹.—Drawing in the nates and also in the knees, while standing, which ceases while sitting.§—[890.] Slow painful drawing on the inner side of the left thigh, which seems to be only in the skin,⁶.—Cramplike drawing in the right thigh, extending upward from the hollow of the knee (with sensation of pressure), just as if the lower leg would be drawn up, in the evening, while sitting; it disappears when standing and walking,⁶.—In the bend of the thigh, especially in the tendon (of the psoric muscle), a pressive drawing, while sitting,⁶.—A painful pressive drawing downward in the femora, mostly while sitting, in the afternoon,⁶.—Tearing-drawing in the left nates, while sitting,⁶.—**Drawing pain in the bones of the thigh, as if the periosteum had been scraped with a dull knife*,⁶.—Pain in the posterior muscles of the thigh as if they were beaten, while sitting,¹.—In the upper part of the flesh of the right nates, on the pelvic bone, pulslike steadily increasing pressure while sitting, which disappears after rising,⁶.—A stitch on the posterior portion of the right thigh, extending downward, while standing,⁶.—Tearing in the femora from above downward, during rest and

† Sticking-tearing and sticking-drawing (which also sometimes become a jerking-tearing) seem to be the characteristic pains of Cinchona. See also 857, 877, 929, 945, 948.

‡ See note to S. 526.

§ The authority is omitted by Hahnemann.

motion; paroxysmal, lasting several days (after seventy-two hours),²².—**[900.]** Jerking-like tearing in the thigh,¹.—*Jerking-tearing on the anterior and outer portion of the right and left thighs, only caused by touch, not by motion*,¹¹.—*Jerking-tearing on the anterior portion of the left thigh (after two hours)*,⁷.—Jerking in the middle of the left thigh (after five hours),²¹.—**Knee.** **Hot swelling of the right knee*, with drawing-tearing pain, whereby he is waked at night (at 12 o'clock),¹.—Giving way of the knees, especially on ascending steps,².—When walking, the knees give out and bend under,⁶.—Pain in the knee on bending it, preventing sleep, with nodes in the skin on it,¹.—Slight trembling of the knees when rising from sitting, which was relieved while walking,⁴.—A sharp drawing pain in the right knee when rising from sitting and when walking, which disappears on sitting again (in the afternoon),¹⁸.—**[910.]** Rhythmical jerklike drawing in the tendons of the flexor muscles in the hollow of the knee,⁶.—Stitches in the left knee-joint,⁶.—*Tearing, extending from the knee-joint up towards the thigh, combined with weakness, so that standing and walking became difficult*,¹¹.—A jerking-tearing on the inner side of the patella,⁷.—*Paralytic tearing in the right knee-joint, which soon extends upward towards the thigh, and then extends downward toward the lower leg, with weakness of the part, aggravated more by touch than by motion*,¹¹.—Pain in the knee on the slightest motion, as if bruised (after three hours),¹.—Pain on the side of the patella when touched (after two hours),¹.—*Jerking pain in the knee*,¹.—**Leg.** **[Hard dark-red swelling on the calf, which progresses to suppuration]**,⁴⁵.—Weakness in the lower legs when walking, the whole day (after two hours),²⁰.—**[920.]** An inner restlessness in the lower legs obliges him to bend them double and draw them up,⁶.—A severely burning tension above the tendo Achillis,¹⁰.—***Sensation in the lower leg as if the garters were tied too tightly, and as if the leg would go to sleep and become stiff**,¹.—Painful cramp in the left calf at night, on stretching or bending up the foot, which prevents sleep (after sixteen hours),¹.—Drawing pain in the right tibia, in the lower portion near the heel, and then in the whole lower portion of the foot, while sitting,¹³.—Painful drawing in the bones of the lower legs (second day),¹¹.—Cramplike drawing on the inner side of the left sole, while sitting,⁶.—Pressive drawing in the tibia, in the evening, while sitting; it disappears on standing and walking,⁶.—A pressive drawing pain on the outer and inner portion of the left tibia, below the patella, on stretching out the left lower leg while sitting, which disappears on bending the leg,⁶.—Sticking-drawing in the heels (after forty-eight hours),⁷.—**[930.]** *Sticking in the tibiæ while walking*, which disappears during rest (after five and several hours),¹³.—Stitches now in the tibia, now in the back, now in the chest, while sitting (after fourteen hours),¹³.—Severe, sharp, suddenly recurring stitches in the upper part of the calf, while walking in the open air,⁶.—Tearing in the calf,¹³.—Bruised pain in the bones of the lower (?) leg when stepping upon it, and still worse when touched; if she feels of it, shivering of the whole foot and chilliness, as if she had put it into cold water,¹.—Pain in the lower half of both lower (?) legs, as if the periosteum were bruised and swollen, only when standing; when touched, a smarting pain, as if there were a sore bruised spot,¹.—**Foot.** **[Swelling of the feet]**,⁵³.—**[Painful swelling of the feet]**,³³.—***Very soft swelling of the soles of the feet**,¹.—**[Paralysis of the feet]**,³¹.—**[940.]** ***Weakness of the feet, as if they were bruised (after four hours)**,¹.—Violent sticking-burning in the upper part of the foot, close to the tibia (while sitting),⁷.—Contractive pinching pain on the outer side of the right sole

(after six hours),⁹.—Drawing pain in the metatarsal bones of the right foot.¹¹.—Drawing, with sore pain, on the back of the foot while standing, which disappears while sitting,⁶.—Very violent tearing-sticking in the soles of the feet, while sitting and walking,⁶.—Stitches in the left sole,¹³.—Stitches in the scar of a wound on the left foot,².—Sticking-tearing in the sole of the foot, in the region of the heel, while sitting and walking,¹¹.—*Jerklke tearing in the tarsal and metatarsal bones*,¹¹.—[950.] *Jerklke tearing in the metatarsal bones and in the toes*,⁷.—*Jerklke tearing, aggravated only by touch, not by motion, in the metatarsal bones and in the phalanges, especially in the joints* (after thirty-one hours),¹¹.—*Jerklke tearing at the union of the metatarsal with the ankle-bones* (after twenty-five hours),¹¹.—Sticking-crawling, extending from the great toe up to the back of the foot, as if the part had been frozen, in the evening, while sitting, disappearing on standing and walking.⁶.†—*Toes*. Boring stitches in the tips of the toes,¹.

General Symptoms.—Objective. [Edema],⁵³.—Erysipelatous swelling of the whole body,³⁴.—***[Dropsy]**,^{24 27 44 48 49 50 53 55}.—Turgor of the cutaneous veins (70 drops),⁶¹.—[Asphyxia, apparent death],³¹.—[960.] [Cachexiæ],^{27 44}.—[Consumption],^{24 44}.—[Slight attacks as of apoplexy, loss of consciousness],⁵⁵.‡—Wandering rheumatism, now in one part, now in another, without swelling or fever, alternating with pains in the interior of the body,⁵⁴.§—[Suppression of the evacuations],⁴⁴.—Stretching,¹.—Trembling,⁵⁹.—Jerksings,³⁷.—Cramplike jerking in various muscles,².—Cracking in the joints,¹.—[970.] Extreme lightness of all movements, as if he had no body (after two to three hours),⁶.||—Inclination to lie down,¹.—After the last dose, an agreeable mélange of inclination to rest and merriment,⁶⁹.—*Aversion to physical or mental exertion*,².—[Sleepy indolence],⁵³.—Indolence,²¹.—A languid condition of mind and body, with unusual sensitiveness,¹.—Awoke in morning quite lively, yet feeling somewhat exhausted, as after a night of walking (second day),⁶⁹.—***Weakness**,³⁷.—Weakness; he could scarcely hold up the head, and fell asleep,⁶.—[980.] Weakness and relaxation of the whole body,¹¹.—Weakness, together with loss of the senses,¹⁴.—*Weakness and sleepiness after supper* (after twelve hours),⁹.—At one time weakness, at another extreme sensation of vigor in the joints,⁶.¶—Chronic weakness,⁵⁵.‡‡—[Sinking of the strength],⁵⁰.—[Exhausted strength],³⁰.‡‡—Exhaustion and relaxation of the body and mind (after one hour),⁹.—**Exhaustion of the whole body, noticed even while sitting, but still more while walking*,².—**Faintness*,^{31 37 43}.—[990.] [Faintness, death],⁴⁰⁰.§§—Great faintness,²⁵.||||—Restlessness,⁵⁹.—**Sensations.** ***Excessive tender-**

† Although the symptoms and pains of China are most frequently (next to touch, S. 843) caused and aggravated by movement of the part, yet there is also a not uncommon alternate action, in which the symptoms are relieved and removed by motion, as in this case and 802, 881, 891, 897, 920, 927, 928, and also in which they chiefly occur during rest, 893, 894, 896, 1013, 1017, 1018, 1021.—H.

‡ See note to S. 526.

§ In those who have taken China for a long time.—HUGHES.

|| Alternate action, following the previous sensation of weakness caused by China.—H.

¶ An alternate action in a healthy person.—H.

‡‡ Not found —HUGHES.

‡‡ Mentioned by the author only to reject it.—HUGHES.

§§ Also Sydenham (Opera Lips., 1695, p. 379) speaks of two men killed by Cinchona bark taken a few hours before the paroxysm of fever.—H.

|||| Occurred in a strong man who had taken a drachm of the best red bark at one dose; the attack of faintness was so violent that he did not come out of it until an emetic had been administered.—H.

ness and sensitiveness of the nervous system; the special senses, sight, smell, hearing, and taste, seem too acute; his internal sensibility is offended, and his mind is unpleasantly affected; previous pains seem subdued and violently suppressed, together with great heaviness of the whole body.¹—***Excessive sensitiveness of all the nerves, with a morbid sensation of general weakness,¹†**—The sensibility of the whole nervous system is particularly increased, tense, and excited,¹.—Cannot endure the customary tobacco-smoke; it affects his nerves,¹.—***Excessive, almost painful, sensitiveness of the skin of the whole body, even of the palms of the hands (after ten hours),¹—****In the morning, after a night-sweat, the skin is not sensitive to the air, and is not liable to take cold; he is able to uncover himself without injury,¹—Feeling of comfort in the evening,¹⁴—*[1000.] **Weariness,¹—Weariness and indolence after dinner,⁹—****Weariness after eating, so that he desires to lie down and sleep,¹—****Sensation of weakness, especially on rising from sitting; is much inclined to sit down, and even sinks back upon a chair if he does not exert the muscles; whereupon a comfortable sensation of rest follows (after three and four hours),³—He seems very weak and prostrated in the open air, and very faint about the stomach and chest, although he seems to have a superabundance of strength for walking,⁵—Sensation of heaviness of the body,⁴⁸—If he remains erect for a few minutes, stiffness follows, he becomes pale and loses consciousness,³⁷—All the joints feel stiff on rising from the midday nap,¹—An internal sensation as of impending disease,¹—He feels sick generally; is not at all well,¹—**[1010.] **Complaints from a slight draft of air,¹—****Dread of the open air,¹—Rheumatic pains,⁴⁸—****Pain in the joints while sitting and lying; the limb cannot endure lying quietly in one place, as after an excessive fatigue from a long journey, or from great exhaustion consequent upon excessive bleeding or a profuse loss of semen; one is obliged to move the limbs hither and thither, at one time bend them up, at another stretch them out,¹‡**—[Tensive pains],³²—Affection of the bones, like a drawing,⁶—***Tensive, extremely sensitive drawing pain in almost all the bones, now in one, now in another, which is for the moment relieved while lying, but soon returns more violent**

† Compare with note to 1013. Here we see expressed the peculiar weakness which Cinchona causes in such an excessive degree, and it is especially this kind that Cinchona can permanently remove, if the other morbid symptoms correspond to those caused by Cinchona. This particular kind of weakness is very similar to the exhaustion caused by the loss of fluids.—H.

‡ The weakness here noticed as if proceeding from great loss of the fluids is associated with 1, 987, 993, 994, 995, 1014, together with the mental symptoms (11, 32, 40, 41, 47), also with the existence of disordered digestion, the disturbance after eating, the much too easy sweating, especially on the back, on motion and during sleep, and the confusion of the head, and is exactly that weakness for which Cinchona is the only fit remedy, and it, almost without exception, affects persons who have lost an essential portion of their strength by hæmorrhoids or frequent bloodletting, by constant loss of milk from the breast, by excessive nursing of children, by excessive coition, or onanism, or frequent involuntary emissions, by profuse sweating during disease, by too powerful sudorifics, by diarrhoeas, or by frequently repeated cathartics. In the other forms of morbid exhaustion, when the disease itself does not find its remedy in this drug, Cinchona is always followed by the most pernicious results, frequently shortening the life of the patient; although, indeed, in these inappropriate cases an excitement of the vitality may be produced during the first few hours, but which is easily seen to be unnatural and forced, and which only tends to hasten death by the excessive excitement; and if in these cases its use be long continued, a cachexia difficult to cure may be brought about by the malpractice of the physician.—H.

than ever (after fourteen hours),⁸.—*Pain in all the joints, as from a heavy weight pressing upon them, in the morning, in bed, disappearing on rising,¹.—Pain in all the joints, as from a heavy weight pressing upon them, while sitting; the longer he sits, the more tired he becomes,¹.—*Oppression of all parts of the body, as if the clothes were too tight (after walking in the open air),¹.—[1020.] *He is sore all over, in the joints, the bones, and the periosteum, as if they had been sprained, like a drawing-tearing, especially in the spine, the sacrum, the knees, and thighs,¹.—Pain in all the joints, as if bruised, during the morning nap; the longer he lies, the more they pain; he is obliged to move the limbs frequently, because motion relieves the pain; when fully awake, the pains disappear,¹.—Bone-pains in the joints of the ribs, in the limbs, in the shoulders, and in the shoulder-blades, as if they were bruised, if he touches or moves them, even in the slightest degree,¹.†

Skin.—**Objective.** [Yellow color of the skin],³³.—*[Jaundice],^{27 49 53 55}.—A jumping in the skin of the abdomen in several places, as if a hair were pulled up,⁶.—**Eruptions, Dry.** In the morning, frightful swelling of face, forearms, and hands (urticaria); eight days after this had disappeared the dose was repeated, upon which the eruption returned with the same intensity; this time the nettlerash pimples were mingled with vesicles like varicella,⁷⁴.—Eruption in the concha,¹.—(Red rashlike eruption on the forepart of the throat, without itching),¹.—**Eruptions, Moist.** Watery blisters behind the ears,¹.—**Eruptions, Pustular.** [1030.] Boil upon the cheek,¹.—A boil in the pectoral muscles,¹.—[Eruption on the lips and tongue, ulcers, which itch and burn very much],⁵² †.—(Offensive matter is discharged from an ulcer, with burning and itching in it; he cannot let the foot hang down; the foot is painful when standing),¹.—**Subjective.** Fine sticking at various points in the skin,⁶.—Itching of the skin; blood oozes on scratching,¹.—Intolerable itching at night,⁷⁴.—Itching of the skin; after scratching, vesicles, as from burning nettles, appear,¹.—Sensation at the elbow-joint as if the skin were infiltrated with blood,¹⁰.—*Contractive pain on the left side of the occiput externally; it seems as though the skin were drawn to one point; not aggravated by touch*,¹¹.—[1040.] Boring pain in an ulcer,¹.—Digging pain in a sore,¹.—An ulcer becomes painfully sensitive, with boring pain in it,¹.—Painful sensitiveness of the skin of the thighs to the rubbing of the clothes, as though the skin were raw and covered with pimples (after eight days),²².—Throbbing pain in an ulcer on moving the part, but not during rest,¹.—(Sticking-throbbing pain in an ulcer, even while at rest),¹.—(Creeping in the skin of the forehead),¹.—Itching-crawling in the scrotum, in the evening in bed, which causes rubbing,¹.—Itching on the left lid,⁶.—Itching on the arms, loins, and chest, especially in the evening; after scratching pimples appear,¹.—Violent itching on the right sole while walking and sitting, relieved for awhile by scratching,¹¹.—[1050.] Burning-itching under the knees, on the inside of the arms, when warm and at night in bed, with eruption of small blisters which contain water, but which disappear in the cold air,¹.—Sticking-itching on the scrotum,⁶.—In a sore (an ulcer) sticking-itching pain, lasting two hours (after a few hours),¹.—Biting-itching, almost only on those parts upon which he does not lie, and which are turned upward (during the midday nap), (after twenty-six hours),¹.—Biting-itching almost only in those parts upon which

† This is the alternate action of 299, 300, 302.—H.

‡ Said to be critical.—HUGHES.

he lies in bed ; scratching relieves only for a moment ; but if he lies upon the other side, so that the itching side may be upward, then the itching soon disappears (after eight and nine hours),¹.—Crawling-itching on the coccyx, which disappears for only a short time on rubbing (after one hour),¹.

Sleep and Dreams.—**Sleepiness.** Inclination to yawn,²².—**Yawning**,¹.—Yawning and stretching (after a quarter of an hour),⁹.—Yawning, with chilliness of the body,¹.—[1060.] Incessant yawning, without sleepiness,¹.—After dinner, great inclination to lie down and sleep,¹.—Sleepiness during the day,¹.—**Sleepiness after eating**,¹.—Sleepiness with palpitation,¹.—Sleepiness the whole day, with stretching of the limbs and yawning,².—Sleepiness, soon followed by activity,¹².—Constant sleepiness during the day ; he falls asleep unawares,¹.—Overpowering sleepiness while sitting,¹.—8.30 P.M., striving against drowsiness,⁶⁹.—[1070.] As soon as she sits down during the day she nods and slumbers ; but if she lies down she becomes wide awake on the slightest noise,¹.—Very sound sleep at night, only twice awakened by thirst and two calls to urine (the latter unusual),⁶⁷.—Very sound sleep, as of a drunken person, without waking once ; in the morning he was completely confused in his head, as though he had not slept enough, together with pressure in the temples on shaking his head,⁸.—While asleep one eye is open, the other half closed, with the eyeballs turned upward, as in a dying person (after one hour),¹.—While asleep he lies upon the back, with his head thrown backwards, arms stretched above his head, with slow expiration, and strong, rapid pulse,¹.—**Sleeplessness.** Sleeplessness the entire night,¹.—Sleeplessness until midnight, with pressive pains all over the head,⁴.†—She cannot sleep the whole night ; vivid and disagreeable thoughts one after another crowd upon her,¹.—He was unable to sleep on account of many thoughts and reflections ; each occupied him for only a short time, but in succession crowded upon him, so that through nearly the whole night no sleep came to his eyes, on account of which he became very warm all over towards morning, although he is unable to have less covering, or to be uncovered ; without thirst (after thirty hours),¹.—Feeling more lively than sleepy at night, lay down on sofa, and smoked a pipe,⁶⁸.—[1080.] He falls asleep late ; he is unable to sleep on account of many thoughts ; he also does not sleep soundly, and in the morning on rising is very much exhausted,¹.—Sleep only from 3 to 5 A.M.,¹⁴.—[Uneasy sleep],³⁰.—Uneasy sleep, with tossing about, without waking,¹⁰.—Uneasy sleep, and slight sweat all over after waking in the night,¹².—Uneasy sleep, full of dreams and crying out,¹.—Uneasy sleep at night, from which he started up from time to time, and every time remained unconscious for some moments,¹⁶.—Uneasy sleep at night, with worrying dreams and tossing about, from which he awoke every time,⁶.—Uneasy sleep ; he could not fall asleep ; if he fell asleep he soon awoke, with sweat on the scalp and forehead, with chilliness over the back,²⁰.—Uneasiness and loss of sleep,⁴⁸.—[1090.] Unquiet sleep in the night, interrupted by four or five erections (first day),⁶³.—At night in sleep, he tosses about, uncovers himself, and has all kinds of worrying dreams of former occurrences ; in the morning he cannot get wide awake, on account of confusion and stupidity in the head ; he feels out of sorts in the morning and not at all refreshed by his sleep,⁶.—He starts up on falling asleep,¹.—He starts out of sleep at night,¹.—Slept for some hours, waking frequently at intervals ; on the whole, the night re-

† The pressive headache at night seems to be characteristic of China ; also the pain in the umbilical region in the evening in bed is related thereto.—H.

sembled one after indulging in spirituous liquors during the day,⁶⁸.—Out of nervous anxiety went to bed as early as a quarter past eight, soon fell asleep, but awoke frequently (120 drops after eleven hours),⁶⁹.—Loss of sleep after midnight; he is also very sleepy, though his thoughts remain active, so that he remains with the eyes closed, and frequently changes his position in bed,¹.—He woke two hours earlier than usual in the morning,³.—**Dreams.** Confused fancies, in the evening on falling asleep, on which account he awoke again (after sixteen hours),²².—Confused, senseless dreams, from which he frequently awoke,¹¹.—[1100.] Sleep disturbed by confused, interrupted dreams, with frequent wakings; on waking he did not become perfectly conscious,⁴.—* *Confused, senseless dreams after midnight*, mingled with half unconscious waking,¹¹.—Voluptuous dreams, with emissions,¹².—* *Heavy dreams during the sleep at night, which make him anxious after waking*,¹.—Anxious dreams at night, whereupon he awoke in a half unconscious condition, and remained frightened for some time,²¹.—An anxious dream; he imagines he is descending a precipice, on which account he awakes, but the dangerous place remains vividly before his fancy (especially on closing the eyes), so that he continues for a long time in a great fright about it, and cannot quiet himself,¹.—Just as he is falling asleep he is waked by frightful fantasies,¹.†—A frightful dream at night (after eight hours),¹.—Frightful dreams of unhappiness, which awoke him, without, however, his being able to come to his senses,⁷.—At night frightful dreams of falling from a height, with waking full of uneasiness, with loss of consciousness for the first few moments,²¹.—[1110.] Dreamed that some one had stabbed his brother, and then he called for his mother; that his mother was dead, and then he cried; that his mother's arm was hurt; on each occasion the impression continued after waking,¹⁵.—As soon as she closes her eyes to sleep, dreams of horrible things,¹.

Fever.—Chilliness. Chilliness,⁶⁹; (after a quarter of an hour),².—Chilliness of the whole body, more internally (after three hours and a half),¹⁶.—Chilliness over the whole body, without external coldness, followed by dull cutting headache, extending into the orbits,¹⁴.—Chilliness over the whole body, with cold hands (after half an hour),¹⁶.—Chilliness of the whole body, with very cold feet (after two hours),⁶.—Chilliness of the whole body, without external coldness,¹⁴.—Chilliness, without coldness of the body, without thirst (during the one and a half hours between the chill and heat),¹¹.‡—Chilliness of the body, as if a cold wind blew upon it, especially when walking, only seldom with shivering; it only comes on while sitting, over the arms, loins, and thighs (after eight hours),⁶.—[1120.] Some chilliness, with pressure in the abdomen,²⁰.—Slight chilliness over the whole body,¹⁰.—Fleeting chilliness, especially over the back (immediately),²⁰.—Violent febrile chilliness at 5 A.M., with coldness of the feet (after twelve hours),⁵.—Internal chilliness, without perceptible external coldness (after four hours),²².§—Chill internally and externally over the whole body, at times most in the marrow of the bones of the feet, which are colder than the hands (after half an hour),⁷.—Chill the whole afternoon, alternating

† Uneasy sleep at night, with dreams that cause anxiety and starting up, on waking from which he cannot collect his senses, or about which he continues to be anxious, is very characteristic of *Cinchona*.—H.

‡ On the second and third days after taking the drug the intervals between the chill and heat in the paroxysm became longer.

§ 1118, 1124, alternate action with 1151.

with heat, together with weakness of the lower limbs; everything is far worse while walking in the open air,²⁰.—[Two attacks of chill at different times, preceding the fever],³³.—Febrile chill (after a quarter of an hour), coming and going alternately, together with weakness of the knees and tibiæ, while walking and standing, less while sitting,⁴.—**Febrile chill over the whole body from time to time during the whole day, especially on the forehead, which has cold sweat upon it; violent thirst a quarter of an hour after the first chill* (after one hour),⁴.—[1130.] Febrile attacks of chill and sweat throughout the whole day, intermingled with a persistent sensation of heat and redness of the face, alternating with a little thirst,².—**Shaking chill over the whole body, without thirst*,¹³.—Shaking chill over the whole body, with ice-cold hands, without thirst (after one to three hours),⁹.—**Shaking chill and internal coldness for several hours, without thirst* (after half an hour and one hour),²¹.—External shaking chill and shivering, with internal chilliness, wherewith the left hand and left foot were colder, afterwards both hands and feet became equally cold, without thirst (half an hour to one hour),²¹.—(Severe shaking chill, in the evening on lying down),¹.—Shivering over the whole body, with gooseflesh (after one hour),⁹; in the open air,²¹.—*Shivering over the whole body, without thirst* (after two hours and a half),¹¹.—Shivering over the whole body, though less severe on the limbs, without thirst; the body is not cold, only the hands (after half an hour),¹¹.—Shivering in the morning and forenoon, with cold hands, sensation of nausea, and rapid pulse,⁶.—[1140.] In the morning, shivering for half an hour, without thirst and without subsequent heat,¹.—Shivering and chill on going from the open air into the warm room (after five hours),¹.†—*Shivering and shaking chill over the whole body*,²¹.—Shivering and shaking chill through the whole body, with cold hands and dulness of mind (after one hour),²¹.—He is attacked with shivering and creeping chill in the open air that is not cold; they immediately cease in the room,⁶.—[Slight shivering, followed by loss of speech],⁶⁵.‡—Violent shivering in the open air, together with shaking chill and gooseflesh,²¹.—At noon he eats with relish and with good appetite, but an hour afterwards there follows coldness without thirst, and afterwards a sensation of heat,⁶.—Coldness and shivering when walking in the open air at 5 P.M., disappearing in the room (after ten hours); an hour afterwards great heat, especially in the face, increased on motion and on walking; thirst follows an hour after the disappearance of the heat,⁶.—Internal coldness, periodic, with shivering and shaking chill over the whole body (immediately),²¹.—[1150.] Internal sensation of coldness, mostly on the arms and hands,⁴.—He is cold all over,¹.§—Chilliness in the back while walking in the open air, afterwards heat in the back, with breaking out of sweat, immediately after which there again follows a cold sensation and chilliness,²⁰.—Slight chilliness in the back (after three hours),¹⁸.—Shivering just above the elbows and above the knees,⁶.—**Shivering or chilliness, with gooseflesh, after every swallow of drink* (after six hours),¹.—Chill over the arms, with nausea in the stomach, followed by cold limbs, with shivering and recurrent nausea,¹.—Shivering chill on the chest and arms, when walking in the open air,¹.—Coldness of the hands,¹³.—**Coldness of the hands and feet, even in a warm room*,⁶.—[1160.] Coldness and chilliness in the knees (after half an hour),¹.—Coldness of the feet in the evening,¹.

† An infrequent alternate action of the much more frequent condition, 1136, 1144, 1148, 1157, and 1172.

‡ See note to S. 798.

§ Alternate action with 1118, 1124.

—Coldness of the hands, feet, and nose,¹.—The right hand is noticeably colder than the left,²¹.—Feeling of coldness in the stomach,¹.—Sensation of coldness on the lower limbs, while the face and chest are still warm (after one hour),¹¹.—Sensation of icy coldness in the left hand, though externally it did not feel colder than the right,¹.†—**Sensation of internal coldness in the upper abdomen after every swallow of drink, and renewed on every inspiration* (after four hours),¹.—A cold sensation in the left lower leg, from the knee to the sole of the foot,¹².—Cold sensation on the ankles and coldness of the rest of the body, while walking in the open air, preceded by increased warmth in the room that was not warm, in the forenoon before dinner,⁶.—[1170.] Cold hands (after a quarter of an hour),¹.—Cold hands in the evening, and hot cheeks,⁶.—Cold hands, with chilliness externally over the whole body, as if he had been dashed with cold water; in the open air it amounted to chattering of the teeth; it disappeared in the room, except that the coldness of the hands persisted,¹⁹.—Cold feet in the evening (after four hours),¹⁷.—Cold hands and feet in the morning, with shivering chill over the thighs, which was aggravated by walking (after twenty-eight hours),⁶.—One hand is icy cold, the other warm,¹.—Ice-cold feet, with warmth of the rest of the body (after one hour),¹².—*Heat. Somewhat increased warmth of the whole body, with distended veins, though without thirst, with easily dilating pupils* (after eight and twelve hours),¹.—The whole body is very warm, especially the face and chest (after half an hour),¹¹.—At one time warmth, at another coldness over the whole body (after half an hour to one hour), alternating the whole forenoon,²¹.—[1180.] Heat over the whole body, without thirst (after three hours),¹.—**Heat over the whole body, with fine needle-like stiches in the skin, especially of the throat, together with great thirst for cold water* (after twenty-two hours),¹¹.—Heat of the whole body from 5 to 7 P.M., aggravated on walking in the open air, which caused sweat on the forehead, preceded and at first accompanied by heat and great hunger, which return after the fever; on walking there is a sensation in the abdomen as of hot water running down (a creeping of heat over the whole abdomen and down the thighs), with red cheeks, without thirst (after twelve hours),⁶.—Heat throughout the whole body, internally and externally, as from drinking wine, with redness of the face,²¹.—**Heat of the whole body, with swollen veins of the arms and hands, without sweat or thirst* (after four hours and a half),⁹.—Heat of the body, with redness and heat of the face for three hours, with great hunger; burning of the lips if they touch each other, with burning-sticking pain in the skin about the lips, in the afternoon,⁶.—Heat, with sensation of heat of the body; at first therewith the limbs are still cold, and he has a sensation of coldness in them (after half an hour), with slight thirst for cold water,¹¹.—Heat, alternating with chill; heat follows about half an hour to an hour after the chill; some thirst for cold water during the heat,¹¹.—Some heat towards evening, though quite free from chill, with rapid pulse (after twelve hours),⁴.—[Irregular heat, acute fever, with excessive sweat],⁵³.—[1190.] *Dry heat* the whole day,².—Sensation of heat throughout the whole body, with distended veins, with cold feet, with external warmth over the rest of the body not perceptibly increased,¹.—*A very transient sensation of heat, with heat of the whole body, and in several places in the skin fine, slight, needle-like stiches, with thirst for cold water* (after one hour),¹¹.—Very great sensation of heat over the whole body, with red cheeks, heat of the trunk and arms,

† Alternate action with 1163, 1208.

moderate warmth in the upper and lower legs and feet, with moist forehead, without thirst,⁹.—Sensation of flashes of heat, with thirst for cold drinks,⁷.—During the heat he is scarcely able to uncover the hands without difficulty,¹.—(Fever periodically recurring),⁶².†—[Fever, with loss of appetite],³³.—(Increased fever),³³.‡—(Diminished chill and increased fever),⁶².—[1200.] [Insidious fever],²⁴ ⁵³.—Warmth of the face, with chilliness of the rest of the body, and shortly afterwards coldness of the forehead, with a sensation of warmth in the rest of the body,¹².—*Warmth and redness of the face, while the rest of the body was cold, with sometimes an unpleasant sensation of coldness (chill) on the warm forehead*,⁴.—Warmth of the face, with redness of the cheeks, with dry sticky lips, without thirst, at 3 P.M.,⁶.—Warmth in abdominal region,⁶⁹.—Feeling of warmth in abdominal region (70 drops),⁶⁰.—Agreeable warmth in the abdominal region (18 drops after one hour and a half),⁶².—An agreeable warmth from the region of the stomach to the navel, with one tasteless eructation (18 drops),⁶⁰.—The right hand is warm (while writing), the left cold,¹².§—The hands are now warm, now cold,¹.—[1210.] Heat in the head and oppression of the chest, towards morning,¹.—Heat in the head, with distended veins in the hands (after four hours),¹.||—Heat of the external ears,¹.—Heat of the face,⁴⁸.—Redness and heat in the cheek and lobule of the ear of one or the other side, and before this disappears chill over the body, and at last over the limbs (after four hours),¹.—Redness and heat in the cheeks and lobules of the ears, with chilliness over the arms and abdomen (after one hour),¹.—Heat in the face, and after a few hours shivering and chilliness, with coldness of the whole body,¹.—Heat in the umbilical region,¹².—Burning heat of the face appeared on coming from the open air into a room that was not warm,¹⁸.—Very great internal heat of the whole face, of the trunk, and thighs, with cold sweat on the forehead, cold cheeks, and cold feet (after ten hours and a half),⁹.—[1220.] Alternating heat and redness of the face,⁵³.—Sensation of heat and redness of the cheeks, without externally perceptible warmth, without thirst, with cold feet (after nine hours),⁶.—A burning, mingled with some crawling and itching, in various parts of the body during the day,⁷.—*Sweat*. **Sweating at night, even with slight coverings, incessant*,¹.—**Sweating during sleep*,¹.—**On being covered he sweats profusely all over; this is very troublesome, yet he is so sleepy with it that he cannot collect himself and get up*,¹.—Sweat, in the morning while asleep,¹.—Cold sweat,⁵⁹.—**After waking at 3 A.M., sweat of the body, with thirst, without sweat on the feet or on the head, excepting where he lies upon the cheek*,¹.—General, but profuse sweat,²³.—[1230.] Profuse sweat,⁴³.—Profuse sweat over the whole body, when walking in the open air,¹.—Profuse perspiration, with feverish heat,⁷¹.—Cold sweat over the body (after half an hour),¹.—Oily sweat in the morning,¹.—[Exhausting sweat at the end of the fever],⁵².—Sweat in the hair of the head,¹.—Sweat broke out on the face, in the morning as soon as he had risen,¹.—Sweat on the neck and back, on the slightest motion,¹.—Profuse sweat in the hair of the head, when walking in the open air,¹.—[1240.] Cold sweat of the face, with thirst,¹.

† From the use of China in intermittent fever.—H.

‡ From its use in intermittent fever.—H.

§ 1163, 1208, alternate action with 1166.

|| In the Cinchona fever the veins are usually distended, even with only heat in the head, as in this case, or with the somewhat increased warmth of the body, 1177, or with a simple sensation of heat, without noticeable external heat, 1191, and even with real external heat (1184).

Conditions. — Aggravation. — (*Morning*), On waking, anxious thoughts, etc.; *head confused*; on waking, heaviness of the head; on waking, dull headache; weight in forehead; between 6 and 7 o'clock, bleeding of nose; pain in incisors; toothache in back tooth; tongue coated white; after waking and after making some exertion, mucus in mouth; nauseous taste; bitter taste; thirst; just after walking, thirst, etc.; *sensation of soreness in pit of stomach*; in bed, while lying on side, pressure in stomach; distension of abdomen; in bed, pressure in upper abdomen; *irritation to cough*; stitches in chest; in bed, pain in joints; at 5 o'clock, chilliness, etc.; shivering; cold hands, etc.; while asleep, sweat; at 3 o'clock, after waking, sweat, etc.; oily sweat; as soon as he had risen, sweat on face.—(*Forenoon*), Before dinner, while walking in open air, cold sensation on ankles, etc.—(*Noon*), Dizziness.—(*Afternoon*), Headache; towards evening, when walking, pain in abdomen; towards evening, *suffocative attack*; mostly while sitting, drawing in femora; chilliness; at 5 o'clock, when walking in open air, coldness, etc.; from 5 to 7 o'clock, *heat of body*; at 3 o'clock, warmth of face, etc.—(*Evening*), Full of plans; headache in temples; an hour after the fever, dry palate, etc.; an hour after the fever, thirst, etc.; while sitting, griping below side of navel; in bed, pressure in umbilical region; while sitting, pain in abdomen; while sitting, pressing colic; pinching colic; in bed, itching in glans; in bed, pain in testicle, etc.; sensation in chest, etc.; while sitting, drawing in thigh; while sitting, crawling in foot; in bed, crawling in scrotum; itching on arms, etc.; on lying down, chill; *coldness of the feet*; cold hands, etc.—(*Night*), Forepart, until 2 o'clock, lively; on waking, anxiety; on waking, dizzy; headache; on waking, eye seems swimming in water; towards morning, odor from mouth; *on waking from sleep, suffocative attack*; while lying on back, pressure over anterior chest; in bed, burning-itching under knees, etc.; pressive headache; towards morning, heat in head, etc.; sweat.—(*Before midnight*), Pressure in jaws.—(*After midnight*), Loss of sleep.—(*Open air*), *Pressive headache*; toothache; weak, etc.; creeping chill; cold hands, etc.—(*Walking in open air*), Headache, etc.; stitches in calf; chilliness, etc.; chilliness in back, etc.; chill on chest, etc.; heat of body; profuse sweat; sweat on hair.—(*Draft of air*), Toothache; stitches in throat.—(*Ascending steps*), Giving way of knees.—(*Fixed attention*), Headache.—(*Bending body*), Pain in region of kidney.—(*Sitting bent*), Pressure across chest; *pressure upon sternum*.—(*After bread and butter*), Eructations.—(*During chill*), Pain in lower abdomen.—(*After chill*), Thirst.—(*While drinking coffee*), Bitter taste.—(*Compressing the part*), Biting in nostril.—(*Coughing*), Pain in chest, etc.—(*After dinner*), Weariness, etc.; inclination to lie down, etc.—(*After drinking*), Flat, etc., taste; pain in abdomen; stitch in præcordial region; shivering, etc.; cold sensation in upper abdomen.—(*After eating*), *Eructations*; nausea in pit of stomach; anxiety in pit of stomach; fulness; *pressure in stomach*; pain below navel; distension of abdomen; colic; coughing; pressure on sternum; weariness; *sleepiness*.—(*While eating and drinking*), Pain in side of abdomen; stitches in side, etc.—(*Expiration*), Stitches in region of liver.—(*Eating fruit*), Fermentation in abdomen.—(*After the heat*), Thirst.—(*Inspiration*), Stitches in pit of stomach; stitches in upper abdomen; pain in left chest; stitches beneath rib; tearing in region of scapula.—(*Lying*), *Pain of the joints*.—(*After drinking milk*), Eructations.—(*Motion*), Pain from temples, etc., to orbits; *tearing in head*; headache in vertex; pressure above navel; in daytime, stitches in right side; palpitation of heart; pain in back; pain in small of back; pain in elbow-

joint; pain in joints; heat.—(*Moving the part*), Pain in ulcer.—(*Moving head*), Vertigo; tearing in head.—(*After midday nap*), Pain in rectum.—(*Pressure*), Pain below rib.—(*Raising arm*), Pressure on sternum.—(*Rest*), Especially while reading, stitch in chest; stitch in cervical muscles.—(*Rising from sitting*), If he had sat for some time, pain in thigh; trembling in knees; pain in knee; sensation of weakness.—(*Rising from sleep*), Stiffness in joints.—(*Rising after stooping*), Contraction of intestines.—(*In room*), On coming from open air, heat of face.—(*Sitting*), Vertigo in occiput; heaviness of head; drawing headache; headache in forehead; digging in side of head; drawing pain in occiput; pain in abdomen; stitches in abdomen; colic in epigastric region; griping-drawing in abdomen, etc.; pain in rectum; pain in perineum; pain across lower chest; pressure on right side of chest; reading, stitches in side; stitches in left chest; drawing in hip-joint, etc.; drawing in bend of thigh; drawing in nates; pain in muscles of thigh; pressure in nates; pain in tibia; drawing in sole; on stretching out lower leg, pain in tibia; stitches in tibia, etc.; *pain of joints*; sleepiness.—(*During sleep*), Sweat.—(*Standing*), Drawing headache; pain in upper jaw; pressure in region of liver; pain in hypogastric region; drawing beneath ribs; pain in side of neck; pain between scapulæ; sensation in thigh, etc.; burning, etc., in thigh; drawing in nates, etc.; stitch in thigh; pain in lower legs; drawing on back of foot; weakness of knees, etc.—(*After stool*), Crawling in rectum.—(*Stooping*), Pain from temples, etc., to ribs.—(*Stretching or bending up foot*), Cramp in calf.—(*After supper*), Weakness, etc.—(*Deep thought*), Headache.—(*Smoking tobacco*), Toothache.—(*Touch*), Headache; pressure in frontal eminence; sticking in side; stitches in frænum of glans; *tearing in upper limbs*; tearing on top of shoulder; drawing on coronoid process of ulna; tearing in ulna; *tearing in metacarpal bones, etc.*; *tearing in thighs*; *tearing in knee-joint*; pain in patella; pain in bones of leg; pain in lower legs; *tearing in metatarsal bones, etc.*; bone-pain in joints.—(*Turning eyes*), Headache, etc.—(*While sitting unoccupied, or when occupied with something in which he is not interested*), Digging headache.—(*Walking*), Vertigo; pressive headache, etc.; tearing in head; headache above orbits; stitches in spleen; pain in side of abdomen; stitches in hypogastrium; pain between glans and prepuce; pain beneath ribs, etc.; pain below rib; tension in muscles of thigh; pain in thigh; pain in knee; *sticking in tibia*; *exhaustion of body*; chilliness; chill over thighs.—(*When walking rapidly*), Stitches in chest.—(*On standing by window*), Tearing, etc., in arm.—(*Walking in wind*), Headache.—(*While writing*), Trembling of hands.

Amelioration.—(*Bending backward*), Tearing below navel.—(*Bending body forward*), Pressure in region of liver.—(*On bending head backwards*), Drawing pain in occiput disappears.—(*Bending leg*), Pain in tibia.—(*After eating*), Nausea, etc., disappeared.—(*Becoming erect*), Pressure across chest; pressure upon sternum.—(*Lying on back*), Pressure in stomach.—(*Moving the parts*), Pains in upper arm; pains in joints.—(*Pressure*), Drawing headache; pressure from middle of sternum.—(*Rest*), Pressure above navel; stitches in chest; sticking in tibia.—(*Rising from bed*), Pain in joints.—(*Rising from sitting*), Griping in abdomen; colic in epigastric region.—(*In room*), Chill ceases.—(*Sitting*), Drawing in nates, etc.; pain in knee; drawing in back of foot.—(*Standing*), Pain in abdomen; colic; pain across lower chest; pressure across chest; pressure over middle of sternum; pressure on right chest; drawing in hip-joint, etc.; drawing in thigh; drawing in tibia; crawling in foot.—(*Stooping*), Pain in right neck.

—(*Walking*), Drawing headache; pain in abdomen; colic; pain across lower chest; pressure across chest; pressure on right chest; drawing in hip-joint, etc.; drawing in thigh; trembling of knees; drawing in tibia; crawling in foot.

CHININUM ARSENICOSUM.

Arsenite of chinin, $2C_{20}H_{24}N_2O_2, AsH_3O_4 + 8H_2O$.

Preparation, Triturations.

Authority. Dr. Muhr, effects of triturating 10 grains with 90 grains of sugar of milk for one hour, A. H. Z., 88, 39.

Head.—Slight painful pressure in forehead and temples.—Slight sudden throbbings of temporal arteries, after 1 P.M. (second day).

Mouth.—Taste metallic, bitter (immediately).

Abdomen.—Very severe colic (after a few hours).

Respiratory Organs.—Respiration very free, as if the thorax were hollow, in the afternoon (second day).

Heart and Pulse.—The heart began to tremble, with a rumbling noise, and I was unable to distinguish the pulsations; this lasted one hour, after which the beat of the heart and pulse (the latter could not be felt on the left side) became irregular, and numbered 200 per minute (soon after 8 o'clock, morning after triturating).—**Palpitation*, noticed on leaning against the back (second day).—Sensation as if the heart had stopped still; no perception of the beating of the heart; after 1 P.M. (second day).—The beat of the heart became regular toward noon; pulse, felt in the temples and at radial artery, 200 (pulse usually 76).—**Back**. In the "solar plexus" a pressure (usually felt only after eating tough meat or hard nuts, of which I had not now partaken) extended toward the back, where it changed to a pinching sensation; spine painfully sensitive to touch at this point (second day).

Superior Extremities.—Painful weariness felt in shoulder and elbow-joints (second day).

Inferior Extremities.—Weariness of lower extremities (second day).

Sleep.—Sleep frequently interrupted.

CHININUM MURIATICUM.

Hydrochlorate of chinin. *Formula*, $C_{20}H_{24}N_2O_2, HCl + 2H_2O$ (Hesse).

Preparation, Triturations.

Authorities. 1, Kerner, when perfectly well, took 1.6 gramme, Binz "das Chinin," 1875; 2, Zuntz took 1.8 gramme in three doses in rapid succession, *ibid*.

Urea diminished 39 per cent. (a result deduced from examining the urine for three days before and four days after taking the Chinin. mur.),²—The collective amount of nitrogenous matter in the urine was diminished 24 per cent.; the sulphuric acid (mostly derived from albumen) was diminished 39 per cent., while the amount of water in the urine was increased,¹.

CHININUM SULFURICUM.

Sulphate of quinine or chinin. *Formula*, $2C_{20}H_{24}N_2O_{27}SH_2O_4 + 7H_2O$ (Regnault).

Preparation for use, Triturations.

Authorities. 1, Bohler (Inaug. Diss., Leipsic, 1828, De Chin. Sulph.), 24 years old, effects of $\frac{1}{2}$ to 2 grains, repeated doses in the morning, fasting, from Journ. f. Arzneim., 2, 154; 2, N. N. took 10 grains, from ibid.; 3, N. N., 26 years of age, took 6 grains, ibid.; 4, "a physician," 33 years old, took 2 grains twice with an interval of three hours, ibid.; 5, Dr. Otto Piper, 21 years old, provings with repeated doses of $\frac{1}{2}$ grain to 12 grains, and a second proving (days noted) as follows: (first day), $\frac{1}{4}$ grain, (third day), $\frac{1}{2}$ grain, (fourth day), 1 grain, (seventh day), 1 grain, (thirteenth day), 2 grains, (seventeenth day), 3 grains, Journ. f. Arznm., 2, from Piper's MSS. of his Inaug. Diss., with the author's additions; 6, Leonhardi, medical student, 23 years old, provings with (first day), 1 grain, (fourth day), 1 grain, (fifth day), 1 grain, (ninth day), 3 grains, (seventeenth day), 4 grains, Noack's provings, Journ. f. Arznm., 2; 7, Laurent Fritz, provings with $\frac{1}{4}$ grain to 6 grains, ibid.; 8, Johanna Bader, 17 $\frac{1}{2}$ years old, not yet menstruated, but suffered lately from "menstrual leucorrhœa," usually excoriating, took (first day), 1 grain, (fifth day), 2 grains, (ninth day), 3 grains, (thirteenth day), 3 grains, (nineteenth day), 11 grains, (twenty-seventh day), 12 grains, (thirty-first day), 20 grains, ibid.; 9, Friedrike Rothe, 27 years old, took 2 grains, and after some time 6 grains (had not menstruated lately, in consequence of a "nervous fever"), ibid.; (10 to 46, selected authorities); 10, Baldwin, effects of 8 grains in two doses (with an interval of three hours) on a child 6 years old, N. A. J. of Hom., 8, 76 (from Southern Med. and Surg. J.); 11, ibid., effects of 68 grains in twenty-four hours, ibid.; 12, Binz, general effects of doses over 15 grains, or of smaller doses frequently repeated, Deutsche Klinik, 1871 (Am. J. M. S., n. s., 64); 13, Binz, provings on two sound men of 0.1 to 0.5 gramme, with special reference to urine, Virchow's Archiv, 46, p. 166; 14, Blande, Journ. f. Arznm., 2, effects of 24 grains in twenty-four hours; 15, Dictionnaire de Med., 18, 132, effects of 5 to 6 grains on a man, Journ. f. Arznm., 2; 16, Dr. Elson, experiments with 2 to 20 grains, effect on pulse, Am. J. M. S., n. s., 52, 97; 17, Favier, took 18 grammes in ten days, Inaug. Thesis, Montpellier, 1848 (from Wenz, Monograph on Chinin, p. 126); 18, Garraway, effects of large doses on a woman aged 40, Br. Med. J., 1869; 19, Giacconini, a nurse, in a fit of melancholia, took 3 drachms at once, Omod. Ann. di Med., 1841 (S. J., 33, 24); 20, ibid., a man took 12 to 15 grammes by mistake, ibid.; 21, Giacconini, Traite Experimental de Mat. Med., took 3 to 4 grammes every evening (Wenz's Monograph); 22, Garraway, toxic action of 1 grain, Br. Med. J., 1870; 23, v. Graefe, in Clapton on Quinine, St. Thos. Hosp. Rep., 1870, effects of half-drachm doses continued for some time (in all, 6 drachms); 24, Hirscher, effects of 1 grain every two hours, Journ. f. Arznm., 2; 25, Henning, effects of about 1 grain on a convalescing patient, Br. Med. Journ., 1869; 26, Prof. Ith, effects of several doses of 3 to 4 grains, Journ. f. Arznm., 2; 27, Kremers, effects of 20 grains on a young man aged 25, Journ. f. Arznm., 2; 28, Kremers himself took 20 grains, ibid.; 29, Lambert, Essai sur la Methode Endermique, p. 97; 30, Lieber, effects inunction (by means of a blister), Journ. f. Arznm., 2; 31, Kreuser, effects on

workers in Chinin factory (from Wenz's Monograph); 32, Meniere, general statement, from Trouesseau and Pidoux, *Traité de Therap.*; 33, Mutzer, general statement, *Journ. f. Arznm.*, 2; 34, Perrine, experiments on pulse with doses of 8 grains a day for several days (*Journ. f. Arz.*, 2, "from *Phil. Journ.*, No. 7, 1828"); 35, Vicol and Mossop, effects of 5 and of 10 grains, as observed by ophthalmoscope, *B. and F. Med.-Chir. Rev.*, 1872; 36, Ranke, provings, on self and two others (10 and 20 grain doses), *Med. Times and Gaz.*, 1857; 37, Ringer and Gell, influence on temperature of body in health, a boy took 10 grains on three occasions, girl took five doses in six days (8 to 20 grains), *Lancet*, Oct. 1868; 38, M. Scott, effect of 2 grains three times a day, increasing a grain each day to 20 grains a day, *Lond. Med. and Phys. J.*, 1833; 39, Sistach, effects on uterus, *Gaz. de Paris*, 1874; 40, Skinner, effects of $\frac{1}{4}$ of a grain on a delicate young woman, *Br. Med. J.*, 1870; 41, Whittmann, effects of 6 grains on a man aged 24, *Journ. f. Arznm.*, 2; 42, *ibid.*, effects of 4 grains on a man of 18, *ibid.*; 43, *ibid.*, effects of 6 grains, repeated to 24 grains in twenty-four hours, on a man of 20, *ibid.*; 44, tox. by med. dose, *Phil. Med. Times*, 1, 446, 1871; 45, Chevallier, general effects on workers in Chinin factories, *N. Am. J. Hom.*, 5, 265; 46, Dr. W. H. Burt, provings, (first day), 2 grains, (second day), 4 grains, (third day), 10 grains, *Monograph on Cinchona*; 47, J. C. P., one dose, 5 grains, *ibid.*; 48, Berridge, proving with 200th dil., one dose, *N. Y. Journ. of Hom.*, 2, 461; 49, J. C. Morgan, provings, 3d dec. trit., as follows: first day, morning and evening; second day, morning and evening; third day, evening; fourth day, evening; sixth day, 3 A.M. and evening; seventh day, evening; ninth day, evening; tenth day, noon and evening; twelfth day, evening; thirteenth day, morning; fourteenth day, morning. Took crude drug as follows: fourteenth day, $\frac{1}{2}$ grain, noon and night; fifteenth day, $\frac{1}{2}$ grain, morning and evening; sixteenth day, $\frac{1}{2}$ grain, morning and evening; seventeenth day, 1 grain, morning; nineteenth day, 2 $\frac{1}{2}$ grains; twentieth day, 4 grains, at noon and 6 P.M. Took 200th dil. as follows: twenty-fourth day four doses, twenty-fifth day four doses, twenty-sixth day, one dose, *Am. J. of Hom. Mat. Med.*, 8, 325; 50, Dr. Cachère, hæmaturia caused by Quinine administered in intermittent fever, *New Orleans Journ. of Med.*, Oct. 1869; † 51, Jerusalemky (of Moscow), *Monograph on Chinin*, 1875, a woman, aged 20, took 10 grains, and afterward 6 grains, to observe effect on pulse, etc.; 52, *ibid.*, a woman, aged 27, perfectly well, made three experiments with 5, 10, and 10 grains; 53, *ibid.*, another woman, aged 26, made three experiments with same doses; 54, Bohn, effects of 0.25 gramme, three times a day for twenty days, *N. Z. f. H. K.*, 1870.

Mind.—Emotional. Excited,⁵².—Sensation as though he were intoxicated, though his mental powers were perfect,²⁷.—An intoxicated sensation, changing to a heaviness of the head (fifth day),⁵.—Uncommonly lively mood (ninth day),⁸.—An extremely lively mood and an activity returned about 9 P.M., only after a walk in the open air (eighth day),⁶.—Buoyant feeling in the evening (twelfth day),⁴⁹.—Rather more vim and buoyancy than usual, during the evening especially (second day),⁴⁹.—Feeling of considerable mental resolution, with shrinking from taking much trouble about matters, evening (twenty-sixth day),⁴⁹.—Found my will positive in insisting on professional orders, but self-restrained and

† Departure from strict "purity" seems in this case admissible; the details were obtained from the original by Dr. Holcombe.

deliberate, in the forenoon (seventeenth day),⁴⁹.—[10.] Awoke at midnight with long-continued cries; he knew that he was crying, but could not help it; he was obliged to get out of bed; he wrapped himself in the clothes, and remained sitting; after a few minutes he came to himself again, and soon fell asleep (sixth day),⁵.—Great depression of spirits (fourteenth day),⁵.—Great depression of spirits and fretfulness (eleventh day),⁷.—**Despondency*,⁵.—During much of the proving the morale has been one of will, with little courage, or hope, or contentment, which, however, I am not prepared to attribute to the drug with confidence (twenty-seventh day),⁴⁹.—Anxiety (after two hours),².—Great anxiety, amounting to an apprehension, as if some evil would happen (fifth day),⁷.—Attacks of anxiety (third day),⁶.—Feeling of anxiety, which at times obliges him to leave the bed (third and fourth nights),⁷.—Anxious and sleepless during the night,²⁷.—[20.] The day being clear and windy, and a holiday to many, few people being on the street produced a sort of street-quietness; felt a gloom come over me, *as if some evil were impending; relieved by a specific trust in the Almighty; this from 3 to 4.15 P.M. (first day),⁴⁹.—**Recurrence of feeling of impending evil*, in the afternoon (sixth day),⁴⁹.—Ill-humored and fretful (ninth day),⁶.—After sleep, readily angered, even by a cold draft on my legs (fortieth day),⁴⁹.—*Intellectual*. The morale, from the first, has resembled the physical symptoms, dull feelings in both coexisting; in both simultaneously sharpness, the former in the beginning, the latter at present (twentieth day),⁴⁹.—Thought difficult, while writing (fifth day),⁵.—Great disinclination to mental labor (eighth day),⁵.—Averse to *difficult* study or other work (twelfth day),⁴⁹.—At 12 P.M., some repugnance to the prospective burden of to-morrow's business (having partaken of vegetable soup, an orange taken after that); then at 12.25 took another powder; then, leaning over my table, tasted the food (second day),⁴⁹.—4.30 P.M., whilst writing, was interrupted; decided feeling to "cut it short" (first day),⁴⁹.—[30.] Wrote "right" instead of "left" by mistake (twenty-eighth day),⁴⁹.—Wrote the word "left" instead of "right," afternoon (twenty-sixth day),⁴⁹.—Wrote the word "left" instead of "right;" have made a number of similar mistakes in talking during the past few days, in the evening (fourteenth day),⁴⁹.—Again I mistakenly wrote at first "left" instead of "right" (I remember a report I published some time ago of contusion of the spine cured by *Hypericum*, in which the same error occurs; I do not remember whether I had then taken any medicine; possibly I had taken *China* or some other), (fifteenth day),⁴⁹.—Memory "all muddled,"⁴⁶.—Lost the power of naming substantives; was obliged for a long while to consider what different familiar things were called; and as to casting up a line of six or eight figures correctly, it was utterly impossible; he could never make the amount twice alike; his perceptions of quantity were greatly impaired, so that in prescriptions he wrote ounces instead of drachms, ordered drachms instead of grains, directed draughts to be put in gallipots, and prescribed fluids to be made into pills (14 to 16 grains daily),³⁸.

Head.—Confusion and Vertigo. Confusion of the head (fifth and twentieth days),⁵.—Vertigo,^{19 20}; (after one hour and a quarter),²⁷.—Vertigo, on stooping (twenty-first day),⁷.—Vertigo and whirling in the head (twenty-ninth day),⁸.—[40.] Vertigo and palpitation (after four hours),³¹.—**Whirling in the head, like a "millwheel"* (thirty-first day),⁸.—*General Head.* In morning, whole head swollen, and the face so altered that she could with great difficulty open her mouth for food,⁴⁴.—

Rush of blood to the head,^{1 54}.—Rush of blood to the head, towards evening,⁴.—Chronic disturbance of brain,¹².—Head stupefied, and especially painful in the left temple (twenty-sixth day),⁷.—Head empty, in the morning,⁷.—Light, hollow feeling in head,⁴⁶.—Heaviness in the head (seventh day),⁵.—[50.] Heaviness and confusion of the head continue until going to sleep in the evening (seventh day),⁵.—Heavy feeling in head, especially the top, in the evening (twenty-seventh day),⁴⁹.—Heavy feeling in the head is notable; sitting after stool with protrusion; the room being somewhat warm, the day stormy. It is not unlike the inertia of the muscles of the legs in walking before mentioned; it is also attended by a sense of vascular tension and fullness and dry heat, fingers and feet cold; the head feels much better by application of my cold hand on the top, in the forenoon (twenty-eighth day),⁴⁹.—Pain in the head (after one hour),¹⁹.—Very violent pain in the head, on rising in the morning, especially noticed on stooping or moving (twenty-ninth day),⁷.—Such fullness in the head that he was unable to walk,²⁷.—Sudden fullness of head (head leaning to left), especially the left side and top, after writing, in the forenoon (twentieth day),⁴⁹.—Head feels full while sitting writing, in forenoon (twenty-eighth day),⁴⁹.—A moderate excitement caused a marked feeling of dull tension (not a rare symptom) about the head, especially at the sides; settling on the top as a pressure, extending later to the “perceptive region” of the forehead, at last completing the circuit to occiput like a rim, in the morning (twenty-third day),⁴⁹.—Headache,^{1 5}; (tenth day),⁶.—[60.] Headache (boy, after twenty-five minutes, lasted five minutes); (girl, from 8 grains, began in one hundred and seventy minutes; from 10 grains, in one hundred and seventy-five minutes; from 12 grains, in ninety-five minutes; from 20 grains, in thirty minutes; from 20 grains, in fifteen minutes),³⁷.—Headache, extending to the temples, in the afternoon, and was somewhat relieved towards evening (eighteenth day),⁶.—Headache after walking a long time in the sun, in the afternoon (seventh day),⁸.—Headache at 3 A.M., with violent pressive pains in the occiput, which only disappear on rising (second day),⁴.—Headache at 7 P.M., commencing in the forehead, and at last extending to the occiput, lasting an hour (thirteenth day),⁵.—Headache, with vertigo and loss of consciousness,⁵.—Very severe headache, worse towards evening, with violent palpitation of the arteries of the head, as if the head would be torn asunder, with glowing heat of the face, vertigo, at times ringing and roaring in the ears,¹.—Violent headache, which disappeared after eight to twelve days,¹⁴.—Violent headache in the forenoon, more especially in the left side, with frequent pulsation of the temporal arteries, with excitement through the whole body (twelfth day),⁷.—Dull headache (fourteenth day),⁵.—[70.] The headache and fever were relieved on walking in the open air, with appearance of slight sweat (thirty-first day),⁶.—I rose and bent over my table; then throbbing in the head and shoulders; forgot it on going out (first day),⁴⁹.—**Forehead.** About 4 P.M., the frontal arteries began to pulsate, the heat of the face increased to redness, and continued; especially was it the most intense about the eyes (seventh day),⁵.—Pain in the forehead,⁹; (twenty-second day),⁵.—Pain in the forehead after dinner (seventh day),⁵.—Pain in the forehead between 5 and 6 P.M. (third and fourth days),⁷.—Pain in the forehead and temples appeared towards evening, and gradually increased in intensity, with visible pulsation of the temporal arteries, heat of the head, and ringing in the ears (fourth day),⁷.—Some pain in the forehead in the afternoon (fifth day),⁶.—Some pain in the forehead about 4 P.M. (second day),⁵.—Much pain in the forehead and

temples (eighth day),⁷.—[80.] Violent pain in the forehead, lasting twenty-four hours (after four hours),⁷.—Violent pain in the forehead two hours after 2 grains; it disappeared in the course of the afternoon (fifth day),⁸.—Extremely violent pain in the left side of the forehead, with vertigo, ringing in the ears, and weakness as from long illness, at 9 A.M. (eighteenth day),⁷.—Frontal headache from 1 to 4 P.M. (thirty-first day),⁶.—Slight frontal headache, lasting all day, and becoming worse towards evening,³.—Violent frontal headache on waking (twenty-third day),⁵.—Violent frontal headache in the evening (fifth day),⁵.—Severe frontal headache, worse on the left side, on rising in the morning, becoming somewhat less during the forenoon, but succeeded by confusion of the head the whole day; it was again worse at 5 P.M., without any general excitement (nineteenth day),⁵.—Dull frontal headache (twenty-fourth day),⁵.—Headache in the forehead and left temple (thirteenth day),⁸.—[90.] Dull headache, extending from the temples to the middle of the forehead, in the afternoon (eighth day),⁶.—Drawing headache, extending from the temples to the middle of the forehead (twenty-seventh day),⁵.—Pressive pain in the forehead and orbits, aggravated by moving the eyes or turning the head,⁵.—Sudden boring-sticking in left centre of forehead; spot like the end of the little finger, in the evening (twenty-fifth day),⁴⁹.—Tearing and drawing in the forehead and left temple (twenty-third day),⁸.—*Temples.* Temporal arteries and veins of hands seem quite full, evening (twenty-sixth day),⁴⁹.—Repeated twitching of fibres of temporal muscles above left zygoma, in the afternoon (twenty-fourth day),⁴⁹.—Violent pains in the left temple; the pain extends to the eyebrow, and obliges him to lie down, with which he seeks a cool place on the sofa in order to relieve the pain (first day),⁷.—Violent headache in the temples, towards evening (twenty-ninth day),⁶.—Dull pressing pain in the temples (twenty-seventh day),⁵.—[100.] Sitting at table, leaned to right, neuralgic sensation shot up the anterior left temple (forty-second day),⁴⁹.—*Vertex.* Reading, bent forward, steady neuralgic pain from the right supra-orbital foramen, straight up to vertex, in a narrow line, ceased after sitting up straight, in the night (twentieth day),⁴⁹.—*Parietals.* Dull neuralgia, left parietal region, then right vertex, in the evening (twenty-fourth day),⁴⁹.—On raising the eyebrows, neuralgic pain from outer right brow up that side of the head; then a slight twinge in outer end of left eyebrow, early in morning (nineteenth day),⁴⁹.—Left side of head and throat feel as if they would ache (not rare), in the afternoon (third day),⁴⁹.—Whilst writing, with head inclined to left, dull headache on the right side (after five minutes); I have the like sometimes from constipation or from mechanical tension of the right cervical muscles (twelfth day),⁴⁹.—Whilst writing, dull ache, right side, extending as a sharp neuralgic sensation to right outer brow, and dull, later, to right mastoid process, returning slightly to brow, and up temporal ridge, same side; again in ear, right side, then back to brow; later, a catch in middle of right sterno-mastoid muscle, when turning head that way, after midnight (seventeenth day),⁴⁹.—Whilst writing, with head inclined to left side, dull headache on left side (similar to early symptoms), extends to left side of neck and throat, and right mastoid process, then to vertex, then to occiput; shifting, then to brows (varying with position of head), now pressing in both temples, extending over coronal suture, in the morning (twenty-first day),⁴⁹.—Slight dull headache, right side (old symptom since an attack of fever, with misapplied water-cure, in 1860, in Illinois), in the afternoon (fourteenth day),⁴⁹.—Whilst standing holding my head down, a little dull stitch in

upper left parietal, felt also to root of nose, left side (soon), (fifteenth day),⁴⁹.—[110.] On suddenly rising to a standing posture, a quick stitch in left upper parietal region (soon), (fourteenth day),⁴⁹.—Walking in open air, neuralgic twinge, right side of head, lingering some time in upper right temple, in the evening (eighteenth day),⁴⁹.—Sitting, sudden neuralgic twinge in right side of head, from brow to lambdoidal suture, in the evening (eighteenth day),⁴⁹.—When about to dine, and whilst standing, return of the twinge from outer right brow to lambdoidal suture, *i. e.*, above temporal ridge (nineteenth day),⁴⁹.—On going out with head down, sharp neuralgic twinge in and behind left parietal protuberance, in the afternoon (twentieth day),⁴⁹.—**Occiput.** Threatening of dull headache, left occiput, in the evening (nineteenth day),⁴⁹.—Dull twinges, left occipital protuberance, becoming a steady ache for a short time, in the afternoon (twenty-fourth day),⁴⁹.—On holding up head suddenly to right, a little shock across lower occiput, in the evening (fifteenth day),⁴⁹.—**External Head.** Dandruff in large amount also falls when scratching the scalp, attended by relief; also similar conditions in the beard on the chin, especially left side, in the evening (twenty-fourth day),⁴⁹.—Prickling in the forehead, with confusion of the same (seventh day),⁶.—[120.] Recurrence of itching of scalp here and there, coming and going, in the evening (twenty-fourth day),⁴⁹.—Whilst writing, itching above edge of frontal hair, right and left sides, then below right zygoma, then right side of top of head, then left vertex, right chin, left post-mastoid surface, inner left eyebrow, etc. (twenty-first day),⁴⁹.—Itching in vertex and occiput, left side (twenty-first day),⁴⁹.

Eye.—Objective. Lustreless eyes,⁵.—Gray rings about the eyes (twenty-sixth day),⁷.—With some, the eyes become red and there is swelling of the lids, with the appearance of pimples,⁴⁵.—Eyes restless (twelfth day),⁶.—**Subjective.** Peculiar dryness of the eyes,⁵.—All day, eyes feel as if they had been in a glare, or as if the atmosphere were too dry, as if parched (twentieth day),⁴⁹.—Walking in the wind I observed the cessation of the parched feeling in the eyes, and in the right lachrymation in the evening (twentieth day),⁴⁹.—[130.] Eyes and frontal region feel heavy, in the afternoon (third day),⁴⁹.—While sitting, sleepy feeling in the eyes, in the afternoon (sixteenth day),⁴⁹.—**Brow and Orbit.** (From the beginning of proving, have had an habitual symptom considerably increased, *i. e.*, disposition to contract eyebrows),⁴⁹.—Slight neuralgic sensation, right inner brow, when bending forward in the morning (twentieth day),⁴⁹.—Dull neuralgic grip, in outer right brow, deepseated; then, a somewhat similar pain in (outer) left biceps tendon, whilst holding the forearm flexed and pronated, hand on edge of table, at noon (twenty-fourth day),⁴⁹.—Recurrence of neuralgic ache, outer half of right brow, after midnight (twenty-fourth day),⁴⁹.—Whilst writing, stitch at inner left eyebrow, in the evening (fourteenth day),⁴⁹.—Twinges about right outer brow, and various other places, in the afternoon (nineteenth day),⁴⁹.—Neuralgic twinge in outer right brow, at 11.30 P.M. (eighteenth day),⁴⁹.—Neuralgic twinge, inner right eyebrow (eighteenth day),⁴⁹.—[140.] Neuralgic twinges, alternating in both brows; rather dull in character, in the night (twenty-first day),⁴⁹.—While sitting, hard aching in outer half of orbit, above it, below it, and in the eyeball (I think this was on the right side), in the evening (twenty-third day),⁴⁹.—Pain in left infra-orbital nerve (slight ache), in the night at 1.30 A.M. (twenty-sixth day),⁴⁹.—Pain in left infra-orbital, malar, and superior maxillary nerves; aching and boring, worse in cold air, but nearly constant, even involving the eye at times, with tumefaction adjacent to upper molars

(fortieth day),⁴⁹.—Slight pain recurring in right outer supra-orbital region, in the early morning (twenty-sixth day),⁴⁹.—Neuralgic pain in right supra-orbital nerve, then in left (whilst sitting in street car), in the evening (twenty-fifth day),⁴⁹.—Whilst writing, neuralgic pain in left supra-orbital nerve, slight, near foramen, in the evening (eighteenth day),⁴⁹.—Neuralgic twinge in left supra-orbital nerve, in the forenoon (nineteenth day),⁴⁹.—Sitting in church, felt a neuralgic twinge in right supra-orbital nerve, near foramen (nineteenth day),⁴⁹.—Flashing in branches of infra-orbital nerve, left side, in the afternoon (twentieth day),⁴⁹.—*Lids.* [150.] Eyes closed from weakness, while writing (fifth day),⁵.—Twitching of left eyelid (recurrence), several previous occasions not noted (twenty-third day),⁴⁹.—Twitching of left eyelids; outer canthus, as most commonly (thirtieth day),⁴⁹.—Twitching of left eyelids, in the evening (twenty-fifth day),⁴⁹.—Whilst writing, renewed twitching in left eyelids, evening (twenty-sixth day),⁴⁹.—Decided twitching of left eyelid, in the afternoon (twenty-fifth day),⁴⁹.—Repeated twitchings in left eyelids, especially the lower, afternoon (twenty-sixth day),⁴⁹.—*Lachrymal Apparatus.* Lachrymation in the open air (twenty-ninth day),⁴⁹.—On going out (air not very cold, but sunshiny), lachrymation from both eyes, obscuring sight. (Not rare in right eye; but now, worse in left) (fifth day),⁴⁹.—Lachrymation of the eyes in the full light, at 5 P.M. (seventh day),⁵.—*Conjunctiva.* [160.] Dirty color to the white of the eye,⁵.—*Ball.* Disk on both sides, now decidedly paler (10 gr. doses), (after two and a half hours),³⁵.—**Disk and retina both very anemic.* Disk looks *dry*, with the vessels smaller than usual, running over it (10 gr. doses), (after one and a half hours),³⁵.—Vessels on the disk appear smaller, and the disk itself of a papery whiteness (10-gr. doses), (after one and a half hours),³⁵.—With five-grain doses, the effects on one observer were similar to those already mentioned, though not so marked; with the other observer, on one occasion, when the quinine created considerable disturbance of the stomach, a diminution of the vascularity was observed only to a slight extent, and about an hour and a half after exhibition of the dose; otherwise, the fundus remained, as it had been at the first, rather congested,³⁵.—*Pupil.* **Dilatation of the pupils,*¹⁰.—Pupils dilated,³².—Pupils much dilated,¹⁹; (after eight hours),²⁰.—Mydriasis,¹⁰.—*Vision.* Dim vision,⁵.—[170.] **Dimness of vision, as from a net before the eyes, and once, as from a dark fog,*⁵.—Dimness of sight (girl, 5, from 10 grs.) of left eye only, began in 177 min., lasting 40 min.; from 8 grs., first of left eye, then of right, in the latter continuing after it had disappeared from the former; from 20 grs., appeared in 20 min., first in right, then in left eye, lasted 160 min.; from 20 grs., appeared in 25 min., in right eye only, lasted 105 min.,³⁷.—Amaurosis (two cases).²³.—More or less complete, or even incurable amaurosis of one or both eyes,¹².—Sight and hearing nearly lost,¹⁹.—Sight lost (after eight hours),²⁰.—*Blindness.*¹⁰.—**Great sensitiveness of the eye to the light, with lachrymation in the full glare of light* (thirteenth day),⁵.—Sitting at a lecture, the glare of light felt disagreeable, although it is a dull day; drowsy, had to shut my eyes and press the inner canthi, in the afternoon (twenty-seventh-day),⁴⁹.—Sparks before eyes when sunlight is strong, for one week (after four weeks),⁴⁸.—[180.] **Bright lights and sparks before the eyes,*¹.—**Black spot, size of pin's head, about eighteen inches from right eye, and moving with eye for some weeks* (after eighteen days),⁴⁸.—Blackness before the eyes, with pain in the forehead, so violent that the head seemed as though it would burst (thirty-first day),⁸.

Ear.—External. From entrance of cool wind, left ear and neck instantly felt rheumatic, *i. e.*, neck extending towards ear (twenty-ninth day),⁴⁹.—Aching above right mastoid process and ear, in the evening (twenty-fifth day),⁴⁹.—Parotid tension and flow (twenty-ninth day),⁴⁹.—Sitting, tension in parotids recurs, with flow of saliva, in the afternoon (twenty-fourth day),⁴⁹.—After supper, walking, after a little jar, sudden tension in right parotid region, with flow of saliva (twenty-eighth day),⁴⁹.—At 11.30 P.M., tension set in, and flow of saliva from right parotid gland, also right submaxillary; afterwards the left glands likewise. Continued up to time of taking second powder, and falling asleep, 12 P.M. (first day),⁴⁹.—**Internal.** Pain in right ear, then below left zygoma, between 1 and 2 A.M. (twenty-sixth day),⁴⁹.—[190.] Sudden aching in left ear, while walking out of doors, in the afternoon (fourteenth day),⁴⁹.—Sticking in right ear, at noon (twentieth day),⁴⁹.—Sticking, right ear, in the evening (thirtieth day),⁴⁹.—Sticking in left ear, involving the throat, then drawing in the chin (twenty-third day),⁴⁹.—Left side, sticking, slow and dull in the ear, in the forenoon (twenty-fourth day),⁴⁹.—After going downstairs, sticking in left meatus auditorius, very slight, but recurrent, in the afternoon (fifteenth day),⁴⁹.—**Hearing.** Difficult hearing, on the second or third day,¹⁴.—Hearing lost (after eight hours),²⁰.—Deafness of both ears, on account of loud ringing in them (thirty-first day),⁸.—Transient deafness in the left ear (twenty-sixth day),⁷.—[200.] The child became completely deaf for several years and never quite recovered,³².—Morning, in bed, the not heavy tread of another person in the room is intolerable; it seems to go through my head (forty-seventh day),⁴⁹.—Intolerant of the noise of boys behind me in the street whilst walking home; crossed the street to be rid of them; but the church music had been very enjoyable, evening (twenty-sixth day),⁴⁹.—Slight and transient resonance in right ear, in the morning (twentieth day),⁴⁹.—The characteristic tingling in the ears, was felt with the ten-grain doses,³⁵.—Ringing in the ears (after four hours),⁷.—***Ringing in the ears, especially noticed in the left, seldom in the right** (twenty-sixth day),⁷.—Ringing in the ears, with frequent interruptions (nineteenth and twentieth days),⁸.—Ringing in ears, with sensation as if they were filled or plugged up,⁴⁷.—*Frequent transient ringing in the ears,*⁷.—[210.] *Constant ringing in the ears* (first day),⁷.—Constant ringing, hissing sound in ears,⁴⁶.—Noises in the ears, buzzing sounds, as if bells were ringing (boy, after thirty-five minutes, lasting about five minutes); (girl, from 8 grains, began in one hundred and ten minutes, and lasted sixty minutes; from 10 grains, began in one hundred and twenty minutes, lasted eighty minutes; from 12 grains, began in forty minutes, lasted one hundred and eighty-five minutes; from 20 grains, began in fifteen minutes; from 20 grains, began in forty minutes),³⁷.—Walked out; whilst doing so, sudden transient sounding in right ear, like the tone of a bell in E (eighteenth day),⁴.—Roaring in the ears,^{5 27}.—Roaring in the ears and head,^{51 52 53}.—Roaring in the ears, so that the patient was almost completely deaf,²⁷.—Roaring in the ears, with transient deafness,¹.—Constant roaring in the ears,²⁸.—Constant roaring in the ears, for several years,³².—[220.] Great roaring in the ears (after forty-five minutes),⁶¹.

Nose.—Objective. Twitching of the nose, in the afternoon (thirty-first day),⁴⁹.—Previous to retiring, feeling a draft on the bare feet, sneezing; again, morning, while dressing, discharged old and new mucus from nose (seventh day),⁴⁹.—On coming into the room from out of doors, sneezing, in the afternoon (twenty-fourth day),⁴⁹.—After going out to the yard,

in slippers, and returning to the warm room, sneezing. (Sneezing has occurred a number of times during the proving; which, although not very common, seemed trivial, and thence is not noted. But the most common provocation is getting the feet cold; last night, from resting the back against the cool wall), (twenty-ninth day),⁴⁹.—Sitting in shirt-sleeves, sneezing, in the evening (twenty-third day),⁴⁹.—Sitting in shirt-sleeves (room not cold), sneezing; had the same at 2 P.M., standing in a cool, shady alley; afterwards, blew out a little inspissated mucus, from right side, along with some which was transparent and fresh (twenty-first day),⁴⁹.—After repeated titillation in upper right nasal passage, sneezing, followed by snuffing and slight flow of water, in the afternoon (fifteenth day),⁴⁹.—Whilst out at practice, had sneezing (twenty-ninth day),⁴⁹.—Whilst waiting on doorstep, sneezing, at noon (twentieth day),⁴⁹.—[230.] Whilst walking out of doors, sneezing (twenty-third day),⁴⁹.—Moisture in nose, especially right side, in excess, in the evening (eighth day),⁴⁹.—Slight fluent coryza through the day, right side (ninth day),⁴⁹.—Riding in wind, then in a greenhouse, nose stopped slightly (ninth day),⁴⁹.—**Subjective.** Sensation of coryza in the nose, with sneezing (after quarter of an hour),⁵.—Sensation of coryza in the nose, sneezing (third day),⁵.—(Head held obliquely down in writing); neuralgic sensation at end of left nasal bone; feels like that sometimes caused by spectacles, evening (twenty-sixth day),⁴⁹.—After supper, going from one room to another, tingling in *left* side of nose; sneezing, and flow from the *right* side (fifteenth day),⁴⁹.—While sitting, tingling within both sides anterior part of nose, slight, in the evening (fifteenth day),⁴⁹.

Face.—**Objective.** Expression sickly during the whole proving,⁵.—[240.] Expression sickly and hollow-eyed (twentieth day),⁷.—Slight puffiness of the face,²⁵.—The face becomes swelled and bloated to an extent rendering the person unrecognizable,⁴⁹.—Suddenly seized with œdema of the face and limbs, accompanied by an unusual erythematous rash. Greatly disfigured, and arms felt ready to burst,²².—**Face pale*,¹⁹; (after forty-five minutes),⁵¹.—**Face pale and suffering* (twentieth day),⁶.—Paleness of the face (thirteenth day),⁸.—Paleness of the face continued a long time after the proving,⁶.—The paleness of the face lasted several weeks after the proving,⁷.—Paleness of the face, with excessive thirst and nausea (twelfth day),⁷.—[250.] Great paleness of the face (tenth day),⁶.—Earthy color of the face,⁵.—Earthy color of the face (twelfth day),⁶.—Dark redness of face,⁵⁴.—**Subjective.** Face and hands feel dry and heated, whilst writing, at 1.30 A.M. (twenty-sixth day),⁴⁹.—Late, evening, in cold air, recurrence of left-sided facial pains (forty-fourth day),⁴⁹.—**Cheek.** Slight twitching in the left zygomatic muscles (twenty-sixth day),⁴⁹.—Cool air blowing on right side of face, felt rheumatic (or neuralgic) dull pain in zygoma, malar and nasal bones, extending to side of head, with slight tingling in nose, as before sneezing, in the afternoon (fifteenth day),⁴⁹.—**Aching about left malar bone in the evening* (twenty-fifth day),⁴⁹.—**While writing, sudden ache above left zygoma (whilst inclining head to that side), also at temporal ridge* (after twenty-five minutes, fourth day),⁴⁹.—Riding in street-car, with head inclined, reading, pains varying from left supra-zygomatic region, to ear, throat, and upper molars, sharp, but slight, relieved by holding head up, in the evening (ninth day),⁴⁹.—[260.] Dull twinge above root of right zygoma, in the afternoon (twenty-third day),⁴⁹.—**Lips.** Mouth very pale,⁵.—Great paleness of the mouth (fifth day),⁷.—Lips and fingers livid (after eight hours),²⁰.—Lips and extremities livid and cool,¹⁹.—**Jaws.** Cracking

in the joints of the jaw every time the mouth is opened (eighteenth and subsequent days),⁷.—The cracking at the maxillary joint continues very marked (twenty-sixth day),⁷.—Continuous pain in left lower jaw, like pressure of a dull knife-blade, downward and forward, from first molar, in the afternoon (twentieth day),⁴⁹.—Recurrence of dull cutting in left lower jaw, in the night (twenty-first day),⁴⁹.—Cutting, sharp, left lower jaw, from amalgam-filled molar, downward and forward (twenty-ninth day),⁴⁹.—[270.] Sharp neuralgic twinge (sitting), down right ramus of lower jaw, in the morning (twenty-third day),⁴⁹.—Neuralgic twinges in left lower jaw from molars; less, in upper jaw and ear, in the afternoon (twenty-fifth day),⁴⁹.—The neuralgia of left lower jaw is quite persistent; room cool (warmth relieves all the pains of a neuralgic sort), (twenty-fifth day),⁴⁹.

Mouth.—Teeth. Tartar on teeth much increased (twenty-fourth day),⁴⁹.—Thick accumulation of soft tartar on anterior upper teeth; feels rough, disagreeable to upper lip; removal with thumb-nail left gums feeling sore to touch of lip, in the evening (sixteenth day),⁴⁹.—Find my teeth clenched, unawares, after midnight (twenty-fourth day),⁴⁹.—Teeth feel rough, in the morning (twenty-third day),⁴⁹.—Returning home in steam-cars, from left molars (filled with amalgam) to both upper and lower maxillary bones, had somewhat persistent neuralgic pains (twenty-second day),⁴⁹.—A sudden ache in upper left molars, containing amalgam filling; transient, like neuralgia. Soon after felt in both upper and lower (central) molars, in the afternoon (fourth day),⁴⁹.—Pains affecting the left upper and lower jaws, near amalgam-filled molars, between these, and constituting a hard toothache; worse when cold air strikes the face; better by applying a warm hand (thirty-eighth day),⁴⁹.—[280.] Sticking in anterior teeth, especially left side, in the afternoon (fifteenth day),⁴⁹.—Sticking in left upper second and third molars, in the evening (eighteenth day),⁴⁹.—Neuralgic twinge from last left upper molars to zygoma, in the afternoon (nineteenth day),⁴⁹.—Renewed sensitiveness of right lower bicuspid (I often have this also after a glass of ale), in the afternoon (fifteenth day),⁴⁹.—Defective tooth in the right lower jaw (bicuspid), somewhat sensitive, or rather its socket; subject to it in other, *i. e.*, cold damp weather; weather to-day mild and pleasant (fifteenth day),⁴⁹.—The secretion about the upper molars seems to putresce and irritate (fortieth day),⁴⁹.—The teeth-sockets are sore; gum inflamed (thirty-ninth day),⁴⁹.—**Tongue.** Twitching of middle of right lingualis muscle, in the afternoon (twenty-fourth day),⁴⁹.—Twitching of terminus of left lingualis muscle while writing, in the afternoon (fifteenth day),⁴⁹.—Tongue flabby and slightly whitish, in the morning (twenty-third day),⁴⁹.—[290.] White tongue,²⁵.—Tongue white in the centre, pale on the margins,¹⁹.—Tongue coated with white mucus (eighth day),⁵.—The whole tongue, even to the tip, was covered with a thick yellowish white fur (twenty-first day),⁵.—Tongue pale, covered with a thick tenacious mucus (after eight hours),²⁰.—Tongue covered with thick yellow fur, which cannot be scraped off, lasting four days,⁷.—Tongue covered with thick yellow fur, except the tip, which is red (twenty-sixth day),⁷.—Tongue coated yellow (twentieth day),⁵.—Tongue coated with slimy yellowish froth (fifth day),⁷.—Yellow coat at the root of the tongue (eighteenth day),⁶.—[300.] Yellow coating at the root of the tongue (second morning),⁶.—Tongue dry, coated yellow,⁵.—**Saliva.** Greatly increased secretion of saliva, which in some cases lasted several days,³⁰.—Sitting, moderately free flow of saliva noticed (fourteenth day),⁴⁹.—Mouth full of mucus, with great hunger, compelling him to eat (twenty-fifth night),⁵.—Dryness of the

mouth,¹; (first day),⁷.—Dryness of mouth and fauces (14 to 16 grs. daily),³⁸.—**Taste.** Rose with bad taste and breath (twenty-third day),⁴⁹.—Mouth tastes as if its secretions were unhealthy, all day, and previous days (twenty-fourth day),⁴⁹.—Taste of abnormal secretion, when the tongue is not moved, dissipated on moving it; hence the flavor is not describable (has frequently recurred), in the evening (twenty-fifth day),⁴⁹.—[310.] I observed carefully the abnormal taste, and found that it had a slightly *acid* quality (twenty-sixth day),⁴⁹.—Increasing stale and disagreeable flavor of mouth, as has been pretty constantly the case for a week or more past; odor somewhat affected likewise, in the evening (eighteenth day),⁴⁹.—Pasty taste (twentieth day),⁵.—Taste pasty and flat (twenty-first day),⁵.—Flat and bad taste (twenty-seventh day),⁵.—Very bitter taste, with a very clean tongue (twelve to twenty-four hours),³⁰.—After breakfast, say at 10 A.M., while writing, slight brassy taste, transient (second day),⁴⁹.—Since supper, I taste it now and then, and when sitting doubled up, eructations, and a sense of fulness and uneasiness in stomach (twenty-first day),⁴⁹.—At 10.45 P.M. took five broken granules, *i. e.*, grs. ijss., pulse being moderate; caused and left a good deal of bitter taste in back of mouth (nineteenth day),⁴⁹.—Bread tastes bitter (thirty-first day),⁵.—**Speech.** [320.] Speech difficult,¹⁹.—*My articulation seems somewhat impaired, as I have a number of times had to repeat my words to make myself understood (forty-second day),⁴⁹.—Disturbance of the organ of speech, occasionally entire loss of speech, for a longer or shorter period,¹².

Throat.—Objective. Tough mucus in the throat,⁵.—Collection of much tough mucus in the throat, waking him from sleep, and obliging him to cough it up (fourteenth night),⁵.—**Subjective.** Pain in the throat, reaching a very great height, gradually diminishing through the day, and disappearing in the evening (twenty-first day),⁷.—Pain in the throat, at the place where the irritation to cough had been earlier in the proving, so that swallowing was difficult (twenty-sixth day),⁵.—Pain in the throat, with roughness of the voice, lasting through the night (seventeenth day),⁵.—Throat feels a little full; clogging of upper pharynx by mucus; slowly detached by repeated swallowing, in the afternoon (fifteenth day),⁴⁹.—Constant scraping in throat, with irritation to cough, and slimy expectoration difficult to loosen, in afternoon (seventeenth day),⁵.—[330.] The cough began to loosen to-day, without relief of the scraping in throat, which causes the cough (twentieth day),⁵.—Irritation to cough in throat, without special pain, and without increased secretion of mucus (second day),⁵.—Tickling in the throat and larynx,².—**Uvula.** Itching of right side of velum palati, in the afternoon (twenty-fourth day),⁴⁹.—**Pharynx and Œsophagus.** Catarrhal clogging of upper pharynx, in the morning (twenty-sixth day),⁴⁹.—Catarrhal secretion descended the pharynx in considerable amount; again some hawked up the windpipe; and all afternoon there remained a tenacious coating of the same on the back of the palate, causing efforts to swallow it (twenty-fourth day),⁴⁹.—Phlegm from upper pharynx came down, also swallowed, in afternoon (twelfth day),⁴⁹.—At 10.30 A.M. took two granules (gr. j); for some time felt as if they had lodged half way down (seventeenth day),⁴⁹.—Before supper (after a powder), recurrence of sensation of something lodged (twenty-sixth day),⁴⁹.

Stomach.—Appetite. Appetite good, in the evening very great (fifth day),⁷.—[340.] Appetite and thirst increased (ninth day),⁸.—Great desire for food and drinks continued many days,⁷.—Hunger at 9 A.M., after eating considerable bread and butter, the hunger was greater than before

(eighth day),⁵.—Hunger after supper, then nausea (fourteenth day),⁵.—Hunger, with eructations, at 2 P.M. (twenty-fifth day),⁴⁹.—Ravenous hunger, at night (once),⁵.—Ravenous hunger after a hearty meal, becoming a qualmishness and nausea when continuing a long time (fourteenth day),⁵.—Hungry this afternoon (fourteenth day),⁴⁹.—2 P.M., hungry and drowsy whilst riding in street-car (fifteenth day),⁴⁹.—Diminished appetite,³.—[350.] Appetite much diminished,⁵.—Loss of appetite (twenty-seventh day),⁶; (thirteenth day),⁸.—Anorexia,³.—Aversion to food,⁵.—**Thirst.** Thirst (seventh day),⁵; (twenty-seventh day),⁶; (first day),⁷.—Thirst was especially great in the morning, although he had drunk two pitchers of water before 9.30 A.M., during which time he had passed no urine (twenty-sixth day),⁷.—Thirsty in the evening (sixteenth day),⁴⁹.—Thirst, with unusual appetite and sensation of fasting,⁷.—Thirst, eructations, and nausea, with great appetite (eighteenth day),⁷.—Considerable thirst in the afternoon (sixth day),⁵.—[360.] Much thirst in the afternoon (twenty-sixth day),⁵.—Thirst great,⁴⁹.—Very marked thirst (twentieth day),⁵.—Thirst, with increased appetite was very marked to-day, continued especially through the night, on which account the prover was obliged to rise several times to drink (eleventh day),⁷.—Constant thirst during the day, which frequently compels him to drink water (first day),⁵.—Constant thirst, with decided distension of the abdomen (fourteenth day),⁵.—**Eructation and Hiccough.** Eructations (after half an hour),¹.—Eructations tasting of breakfast (twelfth day),⁴⁹.—On retiring to bed, in crouching attitude, eructations tasting of the supper, with flatus and yawning, at 1.30 A.M. (eleventh day),⁴⁹.—Eructation tasting of tea taken at supper (twelfth day),⁴⁹.—[370.] Eructation, like a light hiccough, on starting to go out of the room, with stitch in right lumbar region, at 1 A.M. (twenty-fourth day),⁴⁹.—While sitting, eructation of half-digested matters quite frequently, causes me to loosen my clothing; slight pyrosis, 1 A.M. (twenty-second day),⁴⁹.—Eructations while sitting, tasting of supper, at midnight (twenty-fourth day),⁴⁹.—Eructations and heartburn (eighth and ninth days),⁷.—Slight eructation, empty (soon), (fifteenth day),⁴⁹.—Repeated slight eructations, tasting of supper mainly; then rising of ingesta whilst sitting bent, in the evening (nineteenth day),⁴⁹.—Frequent eructations,⁷.—Bitter eructations, lasting three hours,³.—Hiccough and retching,⁵.—**Heartburn.** Heartburn,⁴.—[380.] Ate a piece of dry bread; just after, standing bent over my table, heartburn, at midnight (twenty-sixth day),⁴⁹.—Pyrosis in the evening (thirtieth day),⁴⁹.—**Nausea and Vomiting.** Nausea,⁵; (thirteenth day),⁸ 19 20.—Nausea, continuing the whole day (soon),⁷.—Nausea, with frequent eructations (fifth day),⁵.—Nausea and eructations, sometimes empty and sometimes bitter, without being followed by vomiting,⁵.—Nausea and vomiting (thirty-first day),⁸.—Nausea and vomiting during a meal,⁴.—Nausea, weakness, and shivering (eighteenth day),⁶.—Slight nausea, relieved by eructation, in the early morning (twenty-sixth day),⁴⁹.—[390.] A little nausea sometimes,³⁷.—Sudden nausea, obliging her to go to bed (thirty-first day after 20 grains),⁸.—Walking after eating, threatening of nausea, better by loosing waistbands (twenty-ninth day),⁴⁹.—Inclination to vomit,³⁰.—Inclination to vomit, without being followed by vomiting,²⁶.—Vomiting on two occasions (evening after taking),³⁷.—Frequent vomiting of an insipid taste, in the afternoon,⁵.—**Stomach.** Two apples eaten caused indigestion, late at night (twenty-ninth day),⁴⁹.—Feeling of hollowness of stomach and desire for sugar (often taken for a like symptom at night, with effect, after early supper; but this time only a little over three hours from a late supper); sugar relieved in the

night (eleventh day),⁴⁹.—Intensely acid stomach for four days, with distress in epigastrium,⁴⁶.—[400.] Sensation of warmth in the stomach,¹.—Slight warmth in the region of the stomach and duodenum, followed by copious eructations,².—Intense sensation of heat in the stomach, starting from the cardiac orifice, and extending to the abdomen, sometimes up to the chest,¹⁶.—After eating ice cream, it seemed to cause a continuing coldness in stomach and slight uneasiness, less when clothes were loosened; later eructation, tasting of ice cream, in the evening (fifteenth day),⁴⁹.—Pain in the stomach (after one hour),¹⁹.—Cardialgia,^{19 20 26}.—Fulness in the stomach (seventh day),⁵.—Sense of fulness in the epigastrium after half an hour,¹³.—Full feeling in stomach, in the afternoon (twentieth day),⁴⁹.—A feeling as if the stomach were too full, and something had failed to go down, and lodged in the chest; better by eructation, but fulness still felt (twenty-fourth day),⁴⁹.—[410.] The head symptoms merged whilst walking out into a goneness and empty feeling in the stomach, with drowsiness; better by drinking cold water, also eating a bun; the shattered feeling subsiding more slowly (twenty-third day),⁴⁹.—Sensation of constriction of the stomach, with swelling of the abdomen,⁴.—10.30 P.M., having not yet supped, felt whilst going upstairs a sudden gnawing in stomach, then crampy gastralgia, quite severe, better by standing up straight; then the final, repeated shuddering of the head before mentioned, and eructations, which conclude the pain (twenty-fifth day),⁴⁹.—Pressure in the stomach,³⁹.—**After eating, pressure in the stomach, followed by cutting in the upper and middle abdominal region* (fifth day),⁷.—**Even the slightest food causes pressure in the stomach and a return of the usual symptoms*,⁴.—Sitting down, oppression of stomach; had to loosen my waistbands; better thereby, but only relieved by repeated eructations, in the evening (twenty-eighth day),⁴⁹.—Near morning, awoke, with painful oppression at epigastrium; turned over in bed and fell asleep again (third day),⁴⁹.—Oppressive sensation in the epigastric region and in the hypochondrium, especially in the left side, with occasional passage of very offensive flatus (twenty-second day),⁵.—Fasting; visiting a patient, sitting on a low chair, preparing medicine on my knee, sudden oppressive sensation in stomach, with salivation, and tension in the salivary (parotid) glands; better after leaving the house, but previously constant flow and swallowing. (I have occasionally had the like, with shuddering of the head at the end of the spell added to the above, in the evening), (tenth day),⁴⁹.—[420.] Sudden cutting and twisting in the epigastric and umbilical regions, transversely across the abdomen (eighteenth day),⁶.—Twitching sensation in the stomach and oesophagus,¹.—Trembling in the stomach,³.

Abdomen.—Hypochondria. **Pain in the region of the liver, shortly before going to bed*,².—**Dull painful sensation in the region of the spleen, disappearing on pressure; this frequently reappeared during the succeeding days* (second day),⁶.—Pressure in the region of the liver, lasting a quarter of an hour, disappearing on pressure of the hand, in the morning (sixth day),⁵.—Pressive pain in the region of the spleen (thirteenth day),⁵.—Stitch moving at a slow rate forward, from region of gall-bladder to right rectus muscle (forty-first day),⁴⁹.—**Stitches in the left side, below the short ribs* (fourteenth day),⁷.—Subcutaneous cutting stitch in left hypochondrium, in the afternoon (fifteenth day),⁴⁹.—[430.] A sensation of suppuration in the region of the liver, disappeared with the pain in the right side of the chest (thirty-second day),⁷.—**Umbilical.** While sitting in a room, colicky pain to the left of and above umbilicus; propagated to sigmoid flexure and rectum, immediately (not severe), in the after-

noon (tenth day),⁴⁹.—A rasping pain in the abdomen, from the umbilicus up to the chest, with dragging downwards towards the genitals (thirty-seventh day); this violent griping and rasping, with dragging towards the genitals, lasted two days, when at last traces of menstruation appeared in the night of the forty-first day, when it reached its height, and was quite copious; on the forty-third day the whole evolution was completed; after this the girl continued to menstruate regularly but scantily,⁸.—**General Abdomen.** Abdomen distended (tenth day),⁶.—Abdomen distended, with passage of much flatus, upwards and downwards (thirty-first day),⁷.—Distended abdomen,³; (seventh day),⁵.—Greatly distended abdomen, in the afternoon,⁵.—Much distension of the abdomen, followed by diarrhœa (twentieth day),⁵.—Great distension of the abdomen, without passage of flatus,⁵.—Commotion in the abdomen, which is sensitive to pressure, with passage of much flatus (fourteenth day),⁵.—[440.] Commotion in the abdomen, as if diarrhœa would follow; followed by passage of flatus only (thirteenth day),⁵.—Commotion in the abdomen, as from diarrhœa, with passage of much flatus,⁷.—Commotion in the abdomen, with passage of much flatus, followed by soft stool (had been constipated the previous day),⁷.—Commotion in the bowels began soon after rising in the morning, as if diarrhœa would follow; stool, however, was normal (eighteenth day),⁶.—Some commotion in left colon, including the left lumbar region, in the evening (twelfth day),⁴⁹.—Rumbling in the abdomen,^{1 15 30}.—Grumbling in small bowels (within boundaries of colon), (twenty-ninth day),⁴⁹.—Sitting, after motion, colicky grumbling in left colon, at noon (fourteenth day),⁴⁹.—Some flatulence (second day),⁵.—Passage of flatus (after two or three hours),¹.—[450.] Passage of flatus by the mouth and anus,¹⁵.—Passage of much offensive flatus (tenth day),⁶.—Profuse passage of flatus (fifth day),⁵.—Copious passage of flatus, upward and downward,¹.—Emission of non-fetid flatus; subsequently some fetid wind, in the evening (sixteenth day),⁴⁹.—Whilst moving about, another emission of still more fetid flatus, after midnight (seventeenth day),⁴⁹.—Sonorous evacuation of decidedly fetid flatus, after urinating (twelfth day),⁴⁹.—When leaning back in chair, flatus goes down into rectum with a shock, then presses on anus; escapes, with subsequent similar movements in left colon, and twinges of colic, coming and going; flatus not notably fetid; colic better by passing wind (twelfth day),⁴⁹.—On rising, breaking wind; after it, irritable around anus, with slight indication of protrusion (twenty-fifth day),⁴⁹.—The pain in the upper abdomen aggravated by pressure of the hand, returns and continues some days; it began in the epigastric region, and extended towards the umbilicus (ten and eleven days, etc.),⁷.—[460.] An unpleasant sensation in the upper abdomen, which increased to a tension and distension of the abdomen towards evening, with dull pain on pressure, and some oppression of the chest, after 2 P.M.,⁵.—Pinching in transverse and left colon, whilst going about house, continuing whilst in street-car, in the afternoon (thirteenth day),⁴⁹.—While standing, notable cramp in left colic region, causing me to give down somewhat, in the morning (seventeenth day),⁴⁹.—Dull crampy pain at left border of left upper rectus abdominis, whilst going about, recurring more sharply when sitting, at 1 A.M. (twenty-second day),⁴⁹.—Crampy ache in left border of upper left rectus abdominis, in the evening (twenty-fifth day),⁴⁹.—Cutting in the upper abdomen,⁹.—Tearing pain in the abdomen (after two hours),²⁷.—Colic, transverse and left colon (twenty-second day),⁴⁹.—Colic and diarrhœa,¹⁵.—Colic, immediately after rising, followed by stool, at first mushy, like diarrhœa, with cadaverous odor, with

gradual relief of the colic (twenty-third day),⁵.—[470.] Colic in transverse and left colon to rectum, afternoon (twenty-seventh day),⁴⁹.—Colic in transverse colon persists while sitting (twelfth day),⁴⁹.—Colic aggravated on standing up suddenly; then emission of fetid flatus; some amelioration, not complete relief, at noon (fourteenth day),⁴⁹.—The colic, with cutting pains in the upper abdomen, continues for several days, aggravated by pressure with the hand (fifth day),⁷.—Some colic during the day (first day),⁶.—Sudden colic, with passage of much flatus, at 2 P.M. (twentieth day),⁵.—Sitting, inclining to left side, slight, left-sided colic, in the evening (sixteenth day),⁴⁹.—Walking about, colic in transverse and sigmoid colon, quite sharp; relieved by emissions of flatus, evening (twenty-sixth day),⁴⁹.—Violent colic, lasting the whole day, with distension of the abdomen (thirteenth day),⁷.—Writing, colicky feeling in right superior angle of the colon, evening (twenty-seventh day),⁴⁹.—[480.] Colicky pain in transverse colon, slight, going to rectum as if for stool, in the afternoon (twelfth day),⁴⁹.—Colicky sticking in transverse colon, in the evening (eighteenth day),⁴⁹.—Irritation of the intestinal canal from the arrest of the ordinary movements by the action of the quinia,¹².—*Hypogastrium and Iliac Region.* Painful sensation in the lower abdomen, like a dragging towards the genitals (first day),⁸.—Wandering pains and cutting in the ileum, followed by diarrhoea (twenty-second to twenty-fifth day),⁶.—Little cutting stitch, outer left groin; subcutaneous, whilst sitting, in the afternoon (fifteenth day),⁴⁹.

Rectum and Anus.—Rectum. Stool, with usual protrusion (nineteenth day),⁴⁹.—Stool at 10 A.M., with protrusion, rectal activity deficient (twenty-third day),⁴⁹.—After stool, mucous protrusion, requiring the usual means of correction, in the morning (twenty-sixth day),⁴⁹.—After stool, with protrusion; sitting, felt the mucous fold spontaneously retracted, and on touching the anus, afterwards found very little of it. This is very notable (twenty-first day),⁴⁹.—[490.] Slight tenesmus,³.—Commotion in rectum, pressure of flatus, in the evening (eighteenth day),⁴⁹.—Pressure of flatus, and commotion in rectum, sitting, in the evening (eighteenth day),⁴⁹.—Itching in the rectum,³.—*Anus.* Increased hæmorrhoidal trouble,³.—Discharge of bright blood from the anus, without previous pain in the back,²⁶.—After breakfast, stool soft, but impeded by painful contraction of inner sphincter, which feels like a firm rim; comparable with rigid os. (This is a marked and repeated symptom, which I do not remember to have had before this proving.) Protrusions, requiring to be reduced (twenty-seventh day),⁴⁹.—Twice, when standing, sudden crampy or cutting stitch at inner sphincter ani (forty-fourth day),⁴⁹.—Whilst walking, in the evening, sticking to right of anus, like a straw; itchy and irritable; at the same spot, afterwards (twenty-third day),⁴⁹.—After stool, considerable soreness in front of anus; better by oiling, and sitting quietly with a bunch of clothing under perineum, on a cushion, in the forenoon (old symptom), (twenty-fourth day),⁴⁹.—[500.] Sticking in left side of inner sphincter ani, afternoon (twenty-sixth day),⁴⁹.—*Urging.* Urging to stool, without subsequent evacuation (fourteenth day),⁵.—Urging to stool, without subsequent stool, in the forenoon (fifth day),⁶.—Urging to stool, in the evening, with passage of very difficult small soft stool (fourteenth day),⁵.—Urging to stool, with slight griping in the abdomen, followed by a natural stool at 2 P.M. (fifteenth day),⁵.

Stool.—Diarrhoea. Diarrhoea (eighteenth day),⁸.—Diarrhoea, with violent colic-like pains across the abdomen (thirty-first day),⁸.—Diarrhoea-

like stool, with drawing and cutting in the intestines, at 6.45 A.M. (twenty-fourth day),⁵.—Stool at first mushy, then like diarrhoea, preceded by excessively offensive flatus, at 9 A.M. (twentieth day),⁵.—Some thin stools,³⁰.—[510.] Repeated stools, thinner and lighter color than usual,².—Four stools, first normal, the others liquid (first day),⁶.—Stool (after exertion of the body) postponed by circumstances; soft, except the very first; came away suddenly, partially arrested by a cramplike contraction of the sphincter, concluding as this gradually subsided; followed by painless prolapse of mucous membrane, etc., like piles, on right side (same as for some time past, but more pronounced), requiring replacement, and sitting on it to retain, for awhile (eighth day),⁴⁹.—After breakfast, good stool, yellow, soft, with yellow-tinted clear mucus; protrusion of right rectal fold considerable, requiring reduction with sweet oil, followed by pressure of cushion, to retain it (fourteenth day),⁴⁹.—Stool at first solid, then liquid, at 11 A.M. (twenty-seventh day),⁵.—Stool, with yellow mucus, after breakfast (forty-second day),⁴⁹.—**Constipation.** Stool hard, crumbly (second day),⁵.—Stool harder than usual,⁴.—Stool very hard (sixth day),⁸.—Stool at first hard, afterwards thin (fifteenth day),⁷.—[520.] Postponing stool, it proved scanty, with the habitual protrusion (fifteenth day),⁴⁹.—Stool with exertion and pain to-day (eleventh day),⁷.—Stool difficult, fæces of ordinary consistence,⁵.—Stool not very hard, but difficult to pass, always with the peculiar sensation extending from the right hand to the shoulder, as before noticed,⁵.—Defecation this morning, a little sluggish, and rather incomplete in amount (twelfth day),⁴⁹.—Defecation attempted at a later hour than usual is very incomplete and difficult; the peristaltic action deficient, and the sphincter contraction too great (usual in like circumstances), (seventh day),⁴⁹.—After breakfast, imperfect defecation; painful spasmodic resistance of the inner sphincter; afterwards marked protrusion, with difficulty of manual reduction, and irritability; better by applying cold water, then oil, and sitting on cushion as before. Stool contained some yellow mucus (twenty-fifth day),⁴⁹.—Constipation,³.—Constipation, for one day,⁴⁶.—Obstinate costiveness (14 to 16 grains daily),³⁸.—[530.] No stool, with distension of the abdomen (fourth day),⁴.

Urinary Organs.—Bladder. Catarrhal inflammation of the urinary bladder,¹².—**Urethra.** Constrictive biting pain in the orifice of the urethra after urinating, at 9 P.M. (seventeenth day),⁵.—When going about the room, desire to urinate, with colic in transverse colon; urination normal, in the afternoon (fourteenth day),⁴⁹.—As in several other instances, had to rise early in the morning to urinate (at ordinary times more during the night), (twenty-fourth-day),⁴⁹.—Urging to urinate, with passage of 16½ ounces of watery, straw-colored urine, which does not redden litmus-paper (after one hour and a quarter),⁵.—**Micturition.** Urine increased to double the usual amount, although he did not eat (twenty-sixth day),⁷.—Urine copious, high-colored, turbid (second day),⁵.—Urine scanty and turbid,¹⁵.—Secretion of urine increased; urine deposited a large quantity of orange-colored crystals, shown under the microscope to be right-angled prisms, with rhomboidal fragments,⁷.—[540.] Increased secretion of cloudy urine for several days,⁷.—Increased secretion of urine, preceded by distension of the upper and lower abdomen, and oppressed respiration,³⁸.—Passage of much urine, with much thirst and drinking, without deposit of crystals (fourth day),⁷.—14 and 8½ ounces of urine passed at 5 and 10 A.M. respectively; it was of a strong urinous odor, and turbid; 63½ ounces was the aggregate amount of seven passages (second day),⁵.—25 ounces of urine

in four passages, and containing many crystals (tenth day),⁶.— $29\frac{1}{2}$ ounces of urine in four passages, depositing $1\frac{3}{4}$ grains of crystals (ninth day),⁶.— $46\frac{1}{2}$ ounces of urine in six passages (fourteenth day),⁵.— $50\frac{1}{2}$ ounces of urine in four passages, high-colored, and very acid, without sediment (fifteenth day),⁵.—Urine, 51 ounces in five passages, depositing a loose, yellowish sediment, and a large number of orange-colored crystals,⁵.†— $60\frac{1}{2}$ ounces of urine in seven passages, pale yellow; the sediment was small, like brown granules, and seemed to be conglomerated crystals, but much smaller than on the previous day, and did not show the concentric layers (sixteenth day),⁵.—[550.] $61\frac{1}{2}$ ounces of urine in seven passages, high-colored, with a deposit of yellowish-red crystals (twentieth day),⁵.—66 ounces of urine in eight passages; a crystallized deposit the next morning like a conglomerate of candied sugar, in which regular forms could not be distinguished, consisting of urate and purpate of ammonia, with phosphates (seventeenth day),⁵.— $70\frac{1}{4}$ ounces was the aggregate amount of seven passages of urine (first day),⁵.—Urine, $99\frac{1}{2}$ ounces in eight passages (thirteenth day),⁵.—Flow of urinary residue after replacement of clothing after urinating, occurred once (thirty-ninth day).⁴⁹.—*Urine*. Urine, clear, pale, increased in quantity, even if nothing had been drunk,¹.—Urine high-colored, $40\frac{1}{2}$ ounces in five passages (eighth day),⁵.—Urine high-colored, having a strong urinous odor and acid reaction, $80\frac{1}{2}$ ounces in nine passages (seventh day),⁵.—Urine high-colored; on cooling it deposited a thin, powdery, yellowish-white sediment (third day),⁵.—Decided dark color to urine after thirty-five minutes, becoming darker, and even a dark orange color, with decided sediment after four hours; tests demonstrated Chinin in the urine,¹³.—[560.] Urine very frothy,⁵.—Urine turbid (second day),⁴¹.—Decided turbidity of urine after fifteen minutes; a thick, chocolate-colored sediment, with great turbidity (Chinin found in urine),¹³.—*Hæmorrhage of the urinary passages* (on one occasion profuse), (in a boy and a girl whenever the drug was administered),⁵⁰.—Urine as clear as water, containing, the next morning after the chill, a number of clear transparent crystals, shown under the microscope to be four-sided prisms, with four-sided pointed ends (about one-fourth of a grain of these crystals in 10 ounces of urine); the crystals were enveloped by tough mucus, as with a spider's web (fifth day),⁵.‡—Formation of crystals in the urine (character not mentioned),⁵.—Urine deposited crystals of prisms of three-sided pointed pyramids (fourteenth day),⁶.—Urine deposited crystals as before (twenty-third night),⁵.—Deposit of crystals in the urine continued daily,⁶.—Urine deposits a red sediment (fourth, fifth, sixth, and succeeding days),⁶.—[570.] Urine deposited a rose-red sediment, which under the glass showed rhomboidal flat crystals, with here and there double pyramids,⁶.§—Brickdust sediment in the urine,⁴⁹.—Urine deposited a thick brickdust sediment,⁴⁸.—A brickdust sediment in the urine of the previous day, consisting of adhering brown grains of the size of poppy-seeds, having the external appearance of gravel; they were round, oval, and

† These crystals consisted of urate of ammonia and phosphates, and traces of quinine.

‡ An analysis of these crystals showed that phosphates of ammonia and magnesia were certainly present; lime was not present, but soda was, which seemed to determine the peculiarity of these crystals, differing somewhat from the pure triple salt of phosphate of ammonia and magnesia.

§ These crystals were not soluble in alcohol nor cold water, but were dissolved by boiling water, which redeposited a sediment after cooling; this sediment contained only traces of uric acid, consisting almost wholly of phosphates.

kidney-shaped; one of the larger showed under the glass several concentric layers of a bright color; under a magnifying power of three hundred they seemed of the size of a bramble (*Rufus calsius*) berry, and the surface had the appearance of a collection of beautiful crystals (fifteenth day),⁵ †—*From the nineteenth to twenty-third day, *the urine deposited a straw-yellow, granular sediment*, mingled with transparent, glittering, perfectly colorless crystals,⁵.—Urine deposits a yellowish-white sediment, adhering to the vessel and of a strong odor (fourth day),⁵.—On the vessel is a light-colored, mealy deposit, containing two grains of glittering crystals, showing facets on all sides, consisting of urate of ammonia, phosphates, and sulphate of chinin (seventeenth day),⁶.—The solids in general, and the urea, I found not materially affected under the influence of quina, but the phosphoric acid appeared to be augmented,³⁶.—In the first experiment I took 20 grains of disulphate of quina in the course of the day, and during the next forty-eight hours the excretion of uric acid amounted in all to 0.542 grammes, less than half my normal quantity,³⁶.—The quantity of uric acid excreted during forty-eight hours, after 15 grains of quina had been taken, was equal to 0.790; on the third day, after quina had been taken, I excreted again about my normal average, namely, 0.621 grammes; and on the two following days 0.543 and 0.656 grammes respectively. I now took quina for a third time, and the quantity of uric acid again fell to 0.438 grammes on the first, and to 0.192 grammes on the second day,³⁶. . . —[580.] Dr. S. excreted during the two days previously to his taking quina 0.544 and 0.543 grammes of uric acid. On the third day he took 20 grains of disulphate of quina, in two 10-grain doses, and on that day he excreted 0.376 grammes of uric acid. The next morning he again took 5 grains of quina, and the quantity of uric acid subsequently fell to 0.317 grammes. During the three following days he excreted 0.483, 0.460, and 0.654 grammes respectively,³⁶.—Dr. M. excreted, during four days prior to his taking quina, 0.662, 0.774, 0.585, and again 0.585 grammes of uric acid. Then he took 10 grains of quina, and on that day excreted 0.358, and on the next 0.387 grammes of uric acid. On the third day after he had taken quina the uric acid rose again to 0.670 grammes, and remained there stationary, amounting to 0.671 and 0.668 grammes on the two following days,³⁶.—After taking 6 grammes of Chinin., over 4 grammes were found in the urine within forty-eight hours. (Binz.)

Sexual Organs.—Male. Decided depression of the sexual sphere during the proving,⁵.—Disappearance of the sexual function through the proving,⁵.—Sexual function completely lost during the proving,⁵.—Relaxation and aching of right testis, in the evening (thirtieth day),⁴⁹.—Slight aching in right spermatic cord, with relaxed scrotum (this side has usually tenderness of the globus major), in the afternoon (twenty-fifth day),⁴⁹.—Have had, since taking *Chininum sulph.*, several times renewal of an old symptom, *i. e.*, relaxed spermatic cord, right side, with dragging aching, requiring support; to-day (after sitting with some compression of it by the pants, and with suppressed sexual feeling), 10.30 A.M., aching constriction, worse when taking certain positions; better by the little jar of going down stairs; extends to epididymis, but worse at external inguinal ring; better by careful friction; testes full and firm (seventh day),⁴⁹.—An emission during the night, without waking (seventh day),⁴⁹.—Normal seminal dis-

† One-quarter of a grain of these crystals was collected from a pound and a half of urine; they contained urate and "purpurate" of ammonia mixed with phosphates.

charge, without sensation, in the morning (twenty-fifth day),⁴⁹.—*Female*. The leucorrhœa reappeared after 2 grains;† on the first day it was mixed with blood; examination showed heat and turgescence of the inner labia (fifth and sixth days),⁸.—[590.] Uterine epistaxis, coming on generally a few hours after the first dose, and lasting continuously, though moderately, for about sixteen hours (1 gramme daily),³⁹.—Moderate uterine epistaxis, lasting two days (8 decigrammes daily for two days),³⁹.—After the last dose, menstruation reappeared in a moderate degree, and afterwards returned regularly at the usual time,⁹.

Respiratory Organs.—Larynx, Trachea, and Bronchi. A contractive feeling, hardly a pain, in a weak spot the left side of hyolaryngeal space, in the early morning (twenty-sixth day),⁴⁹.—On rising this morning, scraping soreness of larynx and trachea when swallowing, with raising and coughing of considerable mucus, accumulated during the night, relieving the laryngeal scraping by degrees, but causing rawness in bronchus and lung of left side; later in the day, the cough affected rather the fauces, with rending sensation (eleventh day),⁴⁹.—Tickling in larynx, cough, and raising of mucus (as usual), in the evening (twenty-fifth day),⁴⁹.—Decided laryngeal tickling, after midnight (seventeenth day),⁴⁹.—Considerable tickling at bifurcation of trachea (behind upper end of sternum), cough, and raising and swallowing of phlegm, in the evening (nineteenth day),⁴⁹.—Tickling in left bronchus and trachea (site of my usual irritation); cough scarcely detaches anything, but is painful to the palate and fauces; phlegm seems as usual to come from the lower lobe, in front of the heart, detached and swallowed after awhile, in morning (twelfth day),⁴⁹.—*Voice*. Hoarseness at 4 P.M., with a deep tone to the voice (twentieth day),⁵.—[600.] The daily hoarseness reappeared about 4 P.M., and reached such a degree that the voice was like a bass voice, and the throat seemed constricted (twenty-fourth and subsequent days),⁵.—The attack of hoarseness, without anginose symptoms, recurred every afternoon for a long time,⁵.—All day, rough hoarse tone of voice, diminishing with the expectation; this always swallowed (eleventh day),⁴⁹.—Voice lost (after eight hours),²⁰.—*Cough and Expectoration.* The cough became worse towards morning, and was accompanied by the previous anginose condition (twenty-seventh night),⁵.—While dressing, cough, with stitch in upper left lung (?), and simultaneous slight rheumatic pain in left trapezius, near posterior edge of scapula, in the evening (ninth day),⁴⁹.—Sitting in street-car, cough, with cramp to left and above umbilicus; standing in street (wearing no overcoat, being averse to it), coughing, with crampy lumbago, left side, better by external support and adjusting position (cough aggravated when without overcoat to-day in open air, constantly, also after every powder), (after one hour and a half, tenth day),⁴⁹.—Cough and tickling in windpipe at 12.30 A.M., less at 1 A.M. (eleventh day),⁴⁹.—Frequent cough towards morning; the cough is caused by a small painful spot in throat (seventeenth night),⁵.—Loose cough (twentieth day),⁷.—[610.] Cough continued during the whole of six days, loose, but very severe, and whilst yesterday the mucus seemed to come from the throat, to-day it seemed as though he was obliged to cough deeply in order to raise the mucus from the lowest portion of the bronchi; expectoration was of a gelatinous nature (twenty-third day),⁵.—Cough and raising of phlegm, in the forenoon (twenty-eighth day),⁴⁹.—Cough, raising and

† She frequently suffered from leucorrhœa.

swallowing mucus, after midnight (seventeenth day),⁴⁹.—Standing in open air, cough, with raising, and threatened irritability in left bronchi, in the evening (twenty-fifth day),⁴⁹.—Cough, which must be continued until expectoration is raised from very low down (twenty-fourth day),⁵.—Frequent cough and need to raise in the night, so that he was obliged to sit up in bed to get his breath (twenty-sixth and other nights),⁵.—Frequent cough, with raising of mucus; once this struck the roof of my mouth (several times, also before in the morning), (twenty-fourth day),⁴⁹.—Short cough, with expectoration, swallowed, in the afternoon (fourteenth day),⁴⁹.—Walking in the open air, noticed that the raising of mucus by cough was renewed, and that I kept my teeth involuntarily pressed together, as has been the case frequently during the proving, but having had the same formerly at times, overlooked it, in the afternoon (fifteenth day),⁴⁹.—I noticed this morning that the phlegm came up the right side of the glottis, afterwards, the posterior (twenty-fourth day),⁴⁹.—[620.] The expectorated mucus, when examined, consisted of a basis of an opaque, white, globose little mass, say one-eighth of an inch in size; another, smaller, as of slower formation, with exfoliated epithelium; these, surrounded by about three times their quantity of fresh transparent secretion, stretching out between the fingers to more than an inch, in the forenoon (twenty-fourth day),⁴⁹.—**Respiration.** Expired air cool,¹⁹.—Breath offensive (after eight hours),²⁰.—Repeated loud expirations from time to time, like interrupted sighing (thirty-ninth day),⁴⁹.—Superficial and irregular respiration,¹⁰.—Repeatedly, whilst eating, took a long inspiration wearily, followed by loud sighing, heaving, groaning expiration, in the evening (seventeenth day),⁴⁹.—**Respiration increased*, 4 (after one hour),⁵¹.—Respiration rose from 18 to 20 (after four hours); was 20 next morning; 24 next evening; 18 third morning (first proving); rose from 18 to 20 (second day), (second proving).⁵².—Respiration rose from 16 to 20 (after one hour); 20 (after four hours); 20, next morning; 22 (second evening); 18 (third morning),⁵¹.—Respiration increased from 16 to 24 (after four hours); 22 the next morning; 20, next evening; 20, third morning; 16 (normal), third evening,⁵¹.—[630.] Respiration rose from 22 to 26 (after one hour and forty-five minutes); was 24 (after two hours and forty-five minutes); 24 (next morning), (first proving); respiration 24 before taking; 22 (after one hour); 22 (after four hours); 26 (second morning); 25 (second evening); 20 (third morning), (second proving); respiration 20 before taking; 22 (after one hour); 24 (second morning); 22 (third morning), (third proving),⁵³.—Respiration slow and easy (after eight hours),²⁰.—Slow and irregular breathing (68 grains),¹¹.—Respiration slow, interrupted by sighs,¹⁹.—Dyspnoea,⁵⁴.—Respiration oppressed, as from a pain about the chest (tenth day),⁶.—This warm weather, averse to close air in street-cars; it is oppressive (sixteenth day),⁴⁹.—In a close steam-car, felt oppressed; had to open the window (twenty-second day),⁴⁹.—Rising suddenly from my seat, on attempting to swallow at the same moment, arrest of breath by a contraction of the throat, in the evening (twenty-eighth day),⁴⁹.

Chest.—Hæmorrhage from lungs (probably) and eruptions on skin,¹².—Chest seemed completely dry; all provocation to cough had disappeared; he could breathe freely from the bottom of the lung; towards evening, however, the cough returned (twenty-seventh day),⁵.—[640.] Some pain transversely through the chest, as it seemed, in consequence of the racking night-cough (twenty-sixth day),⁵.—Pressive pain in the chest, on rising (twenty-first day),⁵.—**Oppression of the chest* (twentieth day),⁵; (third

day),⁶.—**Front.** Pain in the sternum, almost sticking, especially noticed on deep breathing or a sudden movement (twenty-first day),⁷.—In a few minutes a feeling behind mid-sternum (œsophagus?) as if food had failed to go down (first day),⁴⁹.—Feeling as if something indigestible had been eaten, behind lower sternum; better, temporarily, from slight eructations, in the evening (nineteenth day),⁴⁹.—Slight sensation in breast, left of sternum, as if spasmodic state of œsophagus from indigestion, in the morning (fifteenth day),⁴⁹.—Craved and chewed some fresh orange-peel, then ate some white sugar, and drank some cold water after it; immediately, as repeatedly heretofore has happened, dull but smart pressure in subsiform space, preceded by salivary tension and flow; afterwards, repeated shuddering of the head; no chilliness; this attack differs from others in being more instantaneous; relief after a few minutes by eructations, in the evening (seventeenth day),⁴⁹.—**Sides.** Pain in the right side of the chest, on rising in the morning, lasting till noon, when it disappeared (thirty-second day),⁷.—Pains in the left clavicle (thirtieth day),⁴⁹.—[650.] In street-car, crampy feeling in right side of chest, four inches outside of and below nipple (twenty-first day),⁴⁹.—Crampy feeling at ends of right false ribs, when bending forward to urinate, in the morning (twenty-third day),⁴⁹.—Slight crampy feeling at angles of last true ribs, right side, in the afternoon (nineteenth day),⁴⁹.—Pressive pain in the left half of the chest, which was very sensitive to deep inspiration, most sensitive when the left arm was thrown forcibly backward; it seemed to extend through the middle of the chest to the back, and was relieved by leaning upon the left forearm, with the body bent forward (position as when writing), at 7 P.M. (seventeenth day),⁵.—Sticking in right thorax; † also round lower angle of right scapula (twenty-ninth day),⁴⁹.—Sticking in the right half of the chest, extending up to the shoulder, during the afternoon, impeding respiration; relieved by bending the body forward (tenth day),⁶.—Stitches in the left half of the chest (thirteenth day),⁶.—Stitches in the left side of the chest, preventing deep breathing, continuing uninterruptedly until the next day, and very gradually disappearing (nineteenth day),⁵.—On entering my house, felt decided stitch, slow, moving from edge of liver upward, terminating outside and below the right nipple, in the evening (twenty-fifth day),⁴⁹.—Tickling in left chest persistent, in the evening (twelfth day),⁴⁹.—[660.] Phlegm (of chronic formation) in left chest, working up fast, tickles, with frequent coughing and raising, but swallowing, as usual, what is raised; irritability of left bronchi afterwards, in the evening (eighth day),⁴⁹.

Heart and Pulse.—**Præcordium.** Extreme præcordial anxiety,¹⁸.—Slight uneasiness in the præcordia,²⁵.—Considerable uneasiness in the præcordia,²².—Tension in the præcordial region, especially on the left side, below the short ribs, becoming so severe that the bands of the clothing must be loosened (thirteenth day),⁷.—Pressure in the præcordial region, with passage of flatus,⁴.—Sticking in the region of the apex of the heart, disappearing after a few minutes, (immediately after taking),⁵.—Heart's action subjectively perceptible, this whilst sitting partially doubled up, in the forenoon (nineteenth day),⁴⁹.—Sitting, heart's action subjectively felt, extending to head; having just had an incomplete stool, with protrusion of mucous membrane, especially right side, after postponement, in the forenoon (twentieth day),⁴⁹.—**Heart's Action.** Pulsations of heart, conscious, slightly accelerated, in the forenoon (twenty-eighth day),⁴⁹.—[670.]

† By "sticking," I mean a short stitch of indistinguishable course.

While at stool, pulsation of the heart increased, after straining, so as to be felt throughout left side of the body (abdomen and chest), in the forenoon (twenty-fourth day),⁴⁹.—This evening, at 6 o'clock, a nap, with hands joined over top of head; lying on back. Was awakened at 6.45, the heart-beat with abnormal impulse, felt through much of the chest; and too frequently, better by lying still awhile, then stirring about moderately (fourteenth day),⁴⁹.—At 10 A.M., strong heart-beat, after excitement (third day),⁴⁹.—Pulsation of heart felt in left chest after going upstairs, in the afternoon (twenty-fifth day),⁴⁹.—Conscious pulsation from heart to left chest, arm, and abdomen (not very rare), in the forenoon (third day),⁴⁹.—Palpitation (third day),⁶.—Palpitation of the heart,⁵.—Slight palpitation, in the afternoon (fifteenth day),⁴⁹.—Woke on right side; palpitation; relieved by lying in abdominal position (fourth day),⁴⁹.—Roused suddenly, "palpitation, had to lie on it," with hand supporting heart (twenty-third day),⁴⁹.—[680.] After breakfast, sitting at stool, elbows on knees, palpitation, felt through chest, down back to sacrum, and through abdomen (twenty-sixth day),⁴⁹.—Owing to indignation, in the morning, palpitation of the heart; better by lying on it, alternating with changes of position, stretching, etc. (as usual), (twentieth day),⁴⁹.—Woke in the morning, lying on left side, with slight, yet notable palpitation of the heart, ceasing on lying fairly upon it (third day),⁴⁹.—*Pulse.* Pulse rapid, full,¹ ⁵⁴.—Pulse rapid, neither hard nor full.²⁸.—Pulse more rapid, but not fuller than usual,¹.—Pulse accelerated by nine beats, small and irritable (after two hours),²⁷.—Pulse, morning and afternoon 45; towards noon 60 (seventh day),⁶.—Pulse 72, sitting, in the early morning (twenty-sixth day),⁴⁹.—Pulse in the morning 65, in the afternoon 66, in the evening 75 (fourteenth day),⁶.—[690.] Pulse 88, at 8½ P.M. (twenty-second day),⁵.—Pulse varied from 75 to 94 (the last one hour after eating), (second day),⁵.—Pulse (in temporal artery) beat very strongly under finger, bounding, counted 98 to 100 per minute; no other sign of fever, in the forenoon (nineteenth day),⁴⁹.—Pulse 100,²⁷.—Pulse 100, at 3 P.M. (fifth day),⁵.—Rise of pulse began in 95 minutes; greatest frequency reached in 120 minutes (girl), (12 grains),³⁷.—Rise of pulse began immediately; greatest frequency in 65 minutes; fell again in 195 minutes (girl), (20 grains),³⁷.—Rise of pulse began in 15 minutes; greatest frequency reached in 15 minutes; fell again in 120 minutes (girl), (10 grains),³⁷.—Pulse rose from 64 and 68 to 92, in 55 minutes (girl), (8 grains, after thirty-five minutes),³⁷.—Pulse rose from 72 to 80 (after one hour); 80 (after four hours); 84 (next morning); 88 (next evening); 74 (third morning),⁵¹.—[700.] Pulse rose from 72 to 84 (after one hour),⁵¹.—Pulse rose from 72 to 86 (after four hours); 82 the next morning; 80 in the evening; 84 third morning; 72 normal, in the evening,⁵¹.—Pulse 88 before taking; 90 (after one hour and three-quarters); 90 (after two hours and three-quarters); 90 (after four hours); 96 (second morning); (first proving). (She then took a second dose of 10 grains), 108 (after one hour); 106 (after four hours); 100 (next morning); 88 (next evening), (second proving). Pulse 84, before taking; 98 (after one hour); 98 (after four hours); 108 (next morning); 100 (next evening); 88 (third morning), (third proving),⁵³.—Pulse rose from 72 to 78 (after two hours); 74 (after four hours), (first proving). Rose from 76 to 100 (after one hour); 92 (after four hours); 84 (second day); 84 (third morning); 72 (third evening), (second proving). Rose from 72 to 86 (after one hour); 82 (second hour); 84 (second morning); 86 (second evening); 72 (third morning), (third proving),⁵².—

Daily Means, calculated from the Detailed Observations.

No med.,	Day of observ.	No. of observ.	Mean pulse of each day's observ.
5 grains Quinia pr. $\frac{1}{2}$ hr. till 8 doses,	1	6	70 $\frac{1}{2}$
5 grains Quinia pr. $\frac{1}{2}$ hr. till 8 doses,	2	5	70 $\frac{1}{4}$
5 grains Quinia pr. $\frac{1}{2}$ hr. till 3 doses,	3	8	69 $\frac{3}{8}$
5 grains Quinia pr. $\frac{1}{2}$ hr. till 3 doses,	4	3	69 $\frac{1}{2}$
10 grains Quinia pr. $\frac{1}{2}$ hr. till 10 doses,	5	10	69 $\frac{3}{8}$
20 grains Quinia pr. $\frac{1}{2}$ hr. till 10 doses,	6	10	73 $\frac{3}{8}$ ¹⁶

Slowness of the pulse,²⁹.—Action on the circulation was constant; it usually occurred half an hour after taking, and proportionate to the size of the dose, producing slowness of the pulse,²¹.—Pulse regular, slow, scarcely perceptible,¹⁹.—Pulse diminished four beats to a minute, within two hours,³⁴.—The pulse fell in a few days to 57, and then to 50 (from daily doses of 8 decigrammes),¹⁷.—[710.] Pulse on taking the drug, 80; after dinner it sank to 64 (whilst it was usually 73 to 75, at that time); in the evening, the pulse was normal, 75 (first day),⁵.—Pulse, on taking the drug in the morning, 60; after an hour, 62; taken at various times through the rest of the day 45 (fifth day),⁶.—Pulse became small, almost imperceptible, and fell to 40, 45 (from 32 decigrammes a day),¹⁷.—Pulse 83, in the morning of the third day before taking half a grain; one hour after taking, it was 75,⁵.—Whilst eating in the evening, pulse 76; 72 after writing; full, forcible (seventeenth day),⁴⁹.—Pulse diminished in frequency for about 30 minutes; began to rise in 50 minutes; greatest frequency in 100 minutes (girl), (20 grains),³⁷.—For fifty minutes afterwards the pulse fell a little in frequency and gained in strength. The fall was from 108 and 112 to 104 and 96. After this it beat 120 in the minute, and at the same time lost in strength (boy),³⁷.—Pulse at 9 A.M. 75, irregular, weak, and small (twenty-sixth day),⁷.—On those two occasions, when the temperature was decidedly depressed, the pulse beat the fastest when the temperature began to fall, and became less frequent again when the depression in the temperature was attained. On every occasion of the increase in the rapidity of the pulse there occurred also a loss of strength. On two occasions, when the pulse was at its quickest, the pulse became for a short time irregular and intermittent. On two other occasions the pulse, at first after the administration of the Quinia beat a little slower, and also grew in strength; but this temporary loss in frequency and gain in strength, was soon followed by the opposite circumstances (girl),³⁷.—Pulse full, firm, in the forenoon (twenty-eighth day),⁴⁹.—[720.] Strength of the pulse fell (boy), (two doses in one day),³⁷.—Pulse regular and very weak, scarcely perceptible (after eight hours),²⁰.

Neck and Back.—**Neck.** The neck began to swell, at 4 P.M., so that respiration was impeded thereby and the voice became hoarse (twenty-second day),⁵.—Swelling perceptible externally along the right sterno-cleido-mastoid muscle, which is not painful, even to pressure (twentieth day),⁷.—Pain in the neck, especially on moving it and on swallowing (nineteenth day),⁷.—Pains in both sides of the neck, sensitive to pressure, afterwards extending into the larynx, then disappearing towards evening (eighteenth day),⁶.—Slight crampy feeling in left sterno-mastoid muscle; then in left *levator anguli scapulae* (apparently), in the early morning (twenty-sixth day),⁴⁹.—On suddenly turning head to right, sprained feeling in upper right sterno-mastoid muscle, lasted a good while, with sticking aching in right ear (this on Sunday afternoon in street-car), (forty-first

day),⁴⁹.—*Sensitiveness of the last cervical and first dorsal vertebræ to pressure (twentieth day),⁵.—**Back.** Pains in the back (twentieth day),⁵.—**Dorsal.** [730.] Rheumatic feelings in left scapular muscles, upper and inner, after sitting in a draft, in the afternoon (twenty-seventh day),⁴⁹.—Rheumatic feelings several times at inner border of left scapula (twenty-second day),⁴⁹.—Midnight, writing, rheumatic ache at inner left scapular border; better when the arm is supported (twenty-second day),⁴⁹.—Twinges in lower half of right scapula; immediately after, in right lower jaw, then in upper, in malar region; these sensations succeed each other rapidly, some frequently recurring, in the afternoon (twenty-fifth day),⁴⁹.—In cool wind, with false position, acromial rheumatism, right side (twenty-ninth day),⁴⁹.—**The dorsal vertebræ are painful to pressure with the fingers or on leaning against any hard substance.*⁷.—During the chill the dorsal vertebræ were more sensitive to pressure than the cervical or lumbar vertebræ,⁵.—Pressure upon the first dorsal vertebræ, and also, though in a less degree, upon the second, was painful; this is not noticed in the cervical, in the other dorsal, nor in the lumbar vertebræ, in the afternoon (seventh day),⁵.—**Pain in the first and second dorsal vertebræ, on pressure* (twenty-fourth day),⁵.—**Third dorsal vertebræ very painful to touch, with oppression of the chest*; it was not noticed on pressing on the other vertebræ (twenty-second day),⁵.—[740.] Pricking to left of the irritable mid-dorsal spine, in the forenoon (twenty-eighth day),⁴⁹.—Carrying medicine-case in left hand, pricking in left side of middle dorsal vertebra (which is an habitually irritable part of the spine); have had similar pricking frequently during the proving, when straining this point in sitting bent up, etc., afternoon (twenty-sixth day),⁴⁹.—**Lumbar.** Dull left lumbar uneasiness (forty-fourth day),⁴⁹.—Lumbar pains, when sitting bent up, in a street-car (twenty-ninth day),⁴⁹.—Lumbar pain recurs as provocations recur, left side, in the evening (twenty-eighth day),⁴⁹.—After raw oysters, conditioned, dull lumbar pain when walking, in the afternoon (thirty-first day),⁴⁹.—Whilst out, during the day, repeated renewal of dull lumbar pain, left side, also subcutaneous sticking, noticed while walking, on right side; same, but running up, later, left side; when straightening myself on a seat (twenty-eighth day),⁴⁹.—After dinner, at 4 P.M., sitting in street-car, a little bent forward, dull pain in left lumbar region, say about lower end of kidney (twenty-fifth day),⁴⁹.—Whilst going about, dull pain in left lumbar region; later, in the right side; then, while sitting, in the left again, afternoon (twenty-seventh day),⁴⁹.—Dull pain, transient, in left lower lumbar region, while writing; not very rare, in the evening (twelfth day),⁴⁹.—[750.] During exertion, pleurosthotonic lumbar cramp, left side (twenty-ninth day),⁴⁹.—Sitting, dull aching in middle of left costo-pelvic (lumbar) muscular region, in the afternoon (fourteenth day),⁴⁹.—Constant pain in the small of the back (twentieth day),⁷.—Dull pain in region of left kidney, whilst bent to the other side, in the afternoon (twenty-fifth day),⁴⁹.—Bending over my table, dull pain in region of left kidney,⁴⁹.—Region of left kidney is quite persistently the seat of dull pain, with intolerance of positions, etc., which cause compression (twenty-seventh day),⁴⁹.—Crampy ache in left renal region, evening (twenty-fifth day),⁴⁹.—**Sacral.** Not having defecated, felt as if a firm mass pressed from within against sacrum, hips, and lower lumbar portions of back (relieved by stool) in the forenoon (nineteenth day),⁴⁹.

Extremities in General.—Trembling and coldness of the limbs (thirteenth day),⁸.—**Weakness in the limbs* (twentieth day),⁵.—[760.] Great

weakness and weariness of arms and legs,⁴⁶.—**Trembling in the extremities; the power of the will over them seemed to be very much hampered*,²⁸.—Frequent trembling of the limbs,²⁷.—His limbs would not obey his will,²⁷.—General numbness and trembling of the limbs, even on slight exertion, lasting two days (second day),⁵.—Tearings and drawings in the hands and feet (twenty-third day),⁸.—Neuralgic twinges in right index finger and right little toe when using them; afternoon (twenty-sixth day),⁴⁹.—Bruised feeling in the limbs (twenty-seventh day),⁵.

Superior Extremities.—The arms and hands become considerably tumefied and covered with pimples, which also fill and suppurate,⁴⁵.—Whilst folding powders, arms felt as if too little supplied with nerve-force, like nervous debility, or shattering, with want of control of the muscles, not amounting to agitation, in the afternoon (twenty-third day),⁴⁹.—[770.] The arms feel bruised the whole day (nineteenth day),⁵.—**Shoulder.** Cracking, so that it can be heard by others, in the shoulder-joints, on raising the arms (twenty-sixth day),⁷.—Pains in shoulders (thirtieth day),⁴⁹.—Sitting with right arm in malposition, rheumatic threatening in right deltoid muscle; later, in the course of the musculo-spiral nerve to back of forearm and hand, riding in car, and resting the palm on the seat; also in the ulnar nerve, adjoining the pisiform bone, in the afternoon (fourteenth day),⁴⁹.—All day, left deltoid region near acromion has been rheumatic; the day cool, humid, and windy. Warmth relieved (twenty-second day),⁴⁹.—At various times rheumatic feeling in one or other deltoid muscle, extending half way down outer arm, when the limb happened to be at all in malposition (sixteenth day),⁴⁹.—Whilst writing (2.20 A.M., after sleeping), rheumatic feeling in right deltoid. (Some of the upper deltoid pains should, perhaps, be rather referred to the insertions of the spinatus muscles into the tuberosities of the humerus, some of the lower, perhaps, to the brachialis anticus, at least as participating therein; being rather transient, it is difficult fully to test this by muscular movements, and especially as they usually cease with change of position), (twentieth day),⁴⁹.—Rheumatic feelings in tendons of both deltoids, and of left biceps, from muscular effort or strain from time to time, in the afternoon (nineteenth day),⁴⁹.—Rheumatic pain in left shoulder at noon (twentieth day),⁴⁹.—(Sitting back in arm-chair, and so pressing scapulæ, rheumatico-neuralgic ache in posterior axillary fold, right side, in the afternoon), (twenty-fifth day),⁴⁹.—[780.] Before going to bed, whilst making some motions with the arms, sharp cramp in anterior half of left deltoid after 1 A.M. (twenty-second day),⁴².—**Arm.** Recurrence of pain in outer right upper arm (apparently in the nerves), in the evening (twenty-fifth day),⁴⁹.—Recurrence of rheumatic pains in right arm (outer origin of brachialis anticus), (forty-sixth day),⁴⁹.—Whilst writing, slight and transient pain, referable to the ulnar nerve, in its middle third, from below the axilla to below elbow, left side, in the afternoon (twentieth day),⁴⁹.—Sticking above right external condyle of humerus; then, while sitting, in dorsum of right forearm; then left brow; in the evening (eighteenth day),⁴⁹.—Whilst writing, quick twinge in superficial nerves of upper arm, inner and outer aspects, in the evening (twenty-third day),⁴⁹.—**Elbow.** Slight pain front of elbow, when pulling a door, in the afternoon (first day),⁴⁹.—On flexing the right forearm in a forcible effort, sprained feeling at biceps tendon, at elbow (twenty-third day),⁴⁹.—**Forearm.** Neuralgico-rheumatic sensations in dorsum of right forearm, extending as a hard ache to middle of ulna, whilst going about, in the afternoon (twenty-fifth day),⁴⁹.—Carrying medicine-case in right hand, compres-

sion of ulnar nerve against body, pain to termini of nerve in little finger, etc.; afternoon (twenty-sixth day),⁴⁹.—[790.] Recurrent neuralgic pain in right ulna, etc., whilst writing, in the early morning (twenty-sixth day),⁴⁹.—On waking, the right arm being uncovered, rheumatic pain in shaft of ulna very decided (room not cold); disappeared after warm sponge-bath, in the morning (twenty-sixth day),⁴⁹.—Riding in cold wind, rheumatic pain in extensor tendons of right forearm; better by motion; afternoon (twenty-sixth day),⁴⁹.—Cramp in flexors of left forearm, when feeling for levator anguli scapulæ, in the early morning (twenty-sixth day),⁴⁹.—Aching, lower end of left ulna, whilst holding papers to write on, in the evening (twenty-fifth day),⁴⁹.—Neuralgic aching in dorsum of right forearm, two inches below head of radius (over belly of supinator longus), in the forenoon (twenty-first day),⁴⁹.—Neuralgic aching in right ulna whilst writing, every morning (twenty-sixth day),⁴⁹.—Sticking in dorsum of right forearm, when putting the hand behind me, at noon (nineteenth day),⁴⁹.—Sticking, dorsum of right forearm, whilst holding a weight, in the afternoon (twenty-fourth day),⁴⁹.—Sharp neuralgic twinge in forearm, in dorsal branches of radial nerve; then suddenly and sharply in the digital nerves of adjacent sides of first and second fingers of left hand, middle phalanges, in the afternoon (twentieth day),⁴⁹.—[800.] Dorsum of lower right forearm, pricking in the nerves (twenty-ninth day),⁴⁹.—*Wrist*. After writing, rheumatic pain around right carpus (weather mild), in the afternoon (twenty-sixth day),⁴⁹.—Writing: neuralgic twinges, or rather sticking (like sharp wires), in dorsum of right wrist, in the forenoon (twenty-first day),⁴⁹.—The hands and arms refused their service (fifth day),⁵.—Peculiar sensation in the right hand, as if some drops of fluid passed thence to the shoulder; this sensation was not especially painful, during every stool,⁵.†—Hands seem puffy when closing them (twenty-fifth day),⁴⁹.—After using hands vigorously, sticking in left hand, between bases of first and second metacarpal bones, in the forenoon (twenty-eighth day),⁴⁹.—Palmar intermetacarpal sticking, right hand, between first and second fingers, in the evening (eighteenth day),⁴⁹.—*Fingers*. Left index finger has a slight cut; after taking morning sponge-bath the finger was somewhat inflamed and tumefied half way up (fortieth day),⁴⁹.—When extending the fingers, the centre of nails look white, especially the first and second, in the morning (second day),⁴⁹.—[810.] In cutting my finger nails I observe that they seem unusually tough (twenty-fourth day),⁴⁹.—Pains in right finger and thumb (thirtieth day),⁴⁹.—Neuralgic pain (slight from same intermetacarpal space) along digital nerve, inner aspect of first phalanx, first finger, right hand, after midnight (nineteenth day),⁴⁹.—Crampy, then rheumatic pain, whilst writing, in right third knuckle, and above, in the afternoon (twenty-third day),⁴⁹.—Whilst holding papers in left hand and writing on them, neuralgic twinges in left index finger (twenty-second day),⁴⁹.—Sharp neuralgic twinge in inner digital nerve of left second finger (twenty-first day),⁴⁹.—Little finger-joint continues sore, frequently aggravated by friendly grips (thirty-ninth day),⁴⁹.—Last articulation of right little finger is quite sore to pressure, looks tumid, and a little reddish, in the evening (eighteenth day),⁴⁹.—The last little finger-joint, right side, continues in a sore state; the base of the last phalanx in particular is hypertrophic and inflamed, causing a slight distortion; shaking hands is often quite painful (twenty-fourth day),⁴⁹.—The last joint of right little finger is tender, the base of last phalanx is tumid, and at the

† This symptom appeared constantly in three repetitions of the experiment.

outer portion of the same the skin has a red spot of some size (twenty-second day),⁴⁹.—[820.] Proximal palmar portion of last phalanx of right thumb felt sensitive to pressure, as in incipient felon; the spot pressed by spring of my watch-case (sixteenth day),⁴⁹.—Having day before yesterday accidentally broken my right thumb-nail to the quick, now, whilst riding in a street-car, find it very sore and stiff; later, with heat; aching, at times extending to metacarpal joint, worse from using it, throbbing when hanging down; perceptible swelling; temporary aggravation whilst running hot water on it from hydrant; afterwards much ameliorated; later, entirely gone, in the afternoon (eighth day),⁴⁹.

Inferior Extremities.—Objective. The disease, which at first was confined to the neck, face, and arms, subsequently covered the legs; one of them was much swollen, and covered with a scaly eruption, like a species of elephantiasis (in a woman, from packing the sulphate),⁴⁵.—Walking, recurrence of disposition to aid by gravitation; walking bent forward, to supplement muscular inertia as it were, especially in the calves, in the afternoon (twenty-fourth day),⁴⁹.—**Subjective.** Walking about, notice the recurrence of the “wooden feeling,” a sort of constrained, stiff, awkward action of the lower extremities; evening (twenty-sixth day),⁴⁹.—Walking, the tendons seemed to catch and pain slightly (twenty-second day),⁴⁹.—**Hip.** Hips, in walking, feel old and inert; rigid, in the morning (twenty-third day),⁴⁹.—Just before going to bed, hips feel tired, as if from a long march; almost a stiff feeling; left side worst (fifteenth day),⁴⁹.—**Thigh.** Loss of power in the thighs (second day),⁵.—Catching, stitchlike, in anterior superior portion of left gluteus maximus, while walking, in the afternoon (twenty-fifth day),⁴⁹.—[830.] During the day, in walking, thighs felt loggy; knees ready to give way (forty-first day),⁴⁹.—Walking, tired feeling in upper front of thighs, as if overworked, in the afternoon (fourteenth day),⁴⁹.—Walking, slight recurrence of rigid feeling in rectus muscles of the thighs; then similar sensation posteriorly; then the joint and muscle debility before-mentioned, but this time in the knees, in the afternoon (twenty-fourth day),⁴⁹.—Rheumatic feeling behind right trochanter, in the afternoon (twenty-fifth day),⁴⁹.—Standing bent forward, rheumatic feeling in a small portion of left gluteus maximus, at noon (twenty-first day),⁴⁹.—Rheumatic pain along inner border of left rectus femoris, whilst walking (twenty-first day),⁴⁹.—Walking, rheumatic feeling in right vastus externus, lower half, in the afternoon (thirteenth day),⁴⁹.—Rheumatic pain in exterior of left thigh and upper fibula, when sitting with limb suddenly doubled up, by leaning far forward; afternoon (twenty-sixth day),⁴⁹.—Walking, increasing tension in rectus muscles of thighs; got almost rigid; obliged to pause to allow it to pass off, in the evening (twentieth day),⁴⁹.—Standing bent forward, right foot advanced, myalgia along right rectus femoris, exterior aspect, in the afternoon (twenty-sixth day),⁴⁹.—[840.] Overfatigued ache in left rectus femoris, whilst sitting, in the evening (twenty-fifth day),⁴⁹.—Crampy ache, lower border of right glutens maximus, in the evening (twenty-fifth day),⁴⁹.—After jumping from platform of car, cutting across lower half of left rectus femoris, quite sharp, with every step; afternoon (twenty-sixth day),⁴⁹.—Entering the house, felt crampy cutting across thigh, but this time on the right side, transverse in direction, and in lower half of rectus muscle; on walking out, left thigh again, both on same level; afternoon (twenty-seventh day),⁴⁹.—Whilst sitting at stool, recurrence of the transverse cutting, in inner and lower portion of rectus femoris, right thigh, in the forenoon (twenty-eighth day),⁴⁹.—Stitching be-

hind left trochanter, while walking, in afternoon (twenty-fifth day),⁴⁹.—Neuralgic twinge behind right trochanter; felt afterwards in walking; also similar crampy feeling at inner border of right scapula, in the afternoon (nineteenth day),⁴⁹.—Walking, rheumatic twinge recurs behind right trochanter, in the evening (twenty-fourth day),⁴⁹.—*Knee*. Began while walking to feel as if the bones at inner half of right knee-joint did not fit, impeding locomotion, increased to a drawing at inner part of popliteal space and up inner hamstring muscles; thought I should have to stop walking; did stop once or twice, and shook limb to relieve tension; it caused awkwardness of gait; subsided while making a call, in afternoon (fifteenth day),⁴⁹.—Contractive sensation down inner side of right knee; afternoon (twenty-sixth day),⁴⁹.—[850.] Sticking, left upper knee-joint, in evening (twenty-fifth day),⁴⁹.—*Leg*. Twitching, left ulnar flexor (twenty-ninth day),⁴⁹.—Tendons in front of right ulna twitching, quivering (twenty-ninth day),⁴⁹.—On rising from seat, rheumatic feeling about lower head of right fibula, in the afternoon (twentieth day),⁴⁹.—Slight pain on inner edge of right ulna, then upper dorsum of same, whilst resting it on table writing, more when ulnar nerve is on the stretch, less on relaxing it, or obviating its compression, in the early morning (twenty-sixth day),⁴⁹.—Aching over inner lower right tibia, in the evening (twenty-fifth day),⁴⁹.—Neuralgic aching in the lower half of left leg, in the course of the anterior tibial nerve, in the early morning (twenty-sixth day),⁴⁹.—Twinges in middle of right anterior tibial nerve; evening (twenty-sixth day),⁴⁹.—Neuralgic twinge in front of lower end of right fibula, in the evening (nineteenth day),⁴⁹.—Sitting, left knee resting on right, pricking, right inner calf, in the afternoon (twenty-fourth day),⁴⁹.—*Ankle*. [860.] After resting heel on floor or otherwise, with leg extended, and sleeping, severe feeling as if ankle were injured (thirty-eighth day),⁴⁹.—Sprained feeling of flexor tendons under left inner malleolus, while standing,⁴⁹.—Passive forced flexion of left ankle (sitting), followed by slight sprained feeling in front of joint; afterwards, in walking, similar feeling in both sides of astragalus within the joint, down to attachments of internal lateral ligament; later, under inside of left instep, in the afternoon (twentieth day),⁴⁹.—Sprained feelings now and then under and about left inner malleolus, also in tendo Achillis above ankle, walking (twenty-eighth day),⁴⁹.—In the morning on rising, sticking sensation below right inner malleolus; had it previous to this when walking, but laid it to a (probable) straw? in my stocking (fourth day),⁴⁹.—Post-malleolar sticking, left side, in course of posterior tibial artery, in the forenoon (thirty-first day),⁴⁹.—*Foot*. Trembling, especially of the feet, with aching of the malleoli (seventh day),⁷.—Sensation of numbness in the feet, on walking (twelfth day),⁷.—Putting on my boots, right foot feels a little swelled, in the evening (seventeenth day),⁴⁹.—Cramp, outer part of hollow of right foot (twenty-ninth day),⁴⁹.—[870.] Crampy feeling in hollow of left foot, inside (forty-fourth day),⁴⁹.—Sitting, a crampy pain in outer muscles of right sole, in the early morning (twenty-sixth day),⁴⁹.—Sharp, crampy pain in muscles of outer sole of right foot, when resting it on its inner side, in the evening (twenty-fourth day),⁴⁹.—Crampy aching quite severe in inner muscles of hollow of left foot; worse while sitting; relieved while standing; continuing to sit, it becomes persistent, and increased in severity (forty-eighth day),⁴⁹.—Dull pain, as if strained, hollow of right foot, in the afternoon (twenty-fourth day),⁴⁹.—Sprained feeling in inner part of hollow of right foot (in street-car), in the afternoon (twenty-fourth day),⁴⁹.—Slight pains at inner calcaneal spaces; left, sharp, when walking;

right, later, when standing, in the afternoon (first day),⁴⁹.—Vertical stitch back of right heel (forty-sixth day),⁴⁹.—At the inner side of left instep, dull twinge (twenty-third day),⁴⁹.—Some pains continue to recur; besides, yesterday, without known cause, came a severe soreness, like a "stone bruise," in ball of left foot anteriorly, causing limping (similar to a former symptom in right thumb), continues to-day (fifty-sixth day),⁴⁹.—[880.] 10 P.M., boots hurt both insteps (fourteenth day),⁴⁹.—**Toes.** Gouty (?) pain in right great toe-joint on pressing foot to floor (forty-first day),⁴⁹.—Rising from bed and standing, sprained feeling of middle toe left side; afterwards about ankle (thirty-first day),⁴⁹.—While walking indoors, suddenly, on pressing right foot to floor, a sharp separating or rending pain in the great toe-joint, reminding me of gout, something between neuralgia and a sprain; it soon after ceased, and several hours later recurred in a slight degree (twenty-third day),⁴⁹.—When the warmth got to the feet an inactive corn on left little toe began to twinge under pressure of the slipper; passed off on changing its position, in the evening (seventeenth day),⁴⁹.

General Symptoms. — Objective. Very decided emaciation during the proving,⁵.—General excitement of the arterial system, similar to that produced by strong wine,³³.—Paniculation and frequent yawning (twentieth day),⁵.—Trembling,¹⁰.—An internal trembling, wherewith the face became pale, with some urging to urinate, followed by pale urine (second evening),⁵.—[890.] Tremors (68 grains),¹¹.—Twitchings, in the evening (thirtieth day),⁴⁹.—Convulsions,¹⁰.—General physical power seems to be increased,¹⁵.—General quietness, indolence, and relaxed condition during the whole day (fifth day),⁶.—Woke in the morning feeling inert; dull feeling in head. Hard to get up (fifteenth day),⁴⁹.—* *Weakness* (tenth day),^{6, 9}.—Weakness and fatigue (after forty-five minutes),⁵¹.—Weakness and dulness on waking from the afternoon nap (twentieth day),⁵.—Weakness and trembling of the limbs, especially the knees (seventh day),⁷.—[900.] General weakness, indolence,⁵.—* *General weakness, especially of the feet*, so that she was unable to walk (after half an hour),⁵¹.—*Great weakness* (eighth day),⁵.—Symptoms accompanied by great weakness,⁷.—Great weakness of the body, so that he could scarcely remain up (fourth day),⁷.—Standing long in the evening produced much of an habitual weakness of the left side of the body, contracted by riding a rough horse in army life; relieved when recumbent, but requiring many turnings, in the morning, in bed, pressing up the left abdomen, etc., to get ready for my day's work; always worse by sitting up very late at night (thirteenth day),⁴⁹.—Sinking of strength,¹⁹.—Great loss of power, and weakness throughout the proving,⁷.—Disturbance of nervous system and of the heart's action, producing general prostration and feebleness of the cardiac movements,¹².—Exhaustion, as from hunger, a sensation of fasting in the stomach, with loss of appetite, so that the lunch in the middle of the day remained untouched (twentieth day),⁵.—[910.] Faintness,²⁰.—Attacks of fainting, now and then,¹⁹.—Often unable to stand, and several times fell suddenly when in the street (a scruple four times daily),³⁸.—Fell to the earth senseless (after two hours),¹⁹.—**Restlessness.** Extreme restlessness,¹⁰.—Night restless,⁴³.—Very restless at night,⁴.—After taking the dose at bedtime, passed a very restless night,²⁴.—After writing a letter, recurred the "nervous mobility," in the forenoon (thirty-first day),⁴⁹.—Uneasiness,¹⁰.—[920.] Uneasy, cold sensation in the whole body, at 5 P.M. (second day),⁵.—**Sensibility.** Excessive general sensitiveness of the body, during the whole proving,⁵.—Late this afternoon, in a street-car, down in a valley, felt that peculiar sensitive-

ness of mind and body, which sometimes precedes febrile diseases; as if a little more of the same would make me chilly. Have often experienced the same in Illinois, when laboring under malarial influences, and riding into valleys. It was like a sudden aura or magnetism, felt particularly about the neck and throat and face, and *Pulsatilla* then seemed remedial. It is the same feeling to-day, and disappears in the clear upper strata of air, where the opposite conditions of light, with dry warm atmosphere prevail (thirteenth day),⁴⁹.—**Subjective.** During the day felt rather old and "wooden;" motions and speech unusually deliberate (sixteenth day),⁴⁹.—Heaviness and disinclination to work during the whole day (eighth day),⁶.—Felt heavy and drowsy, in the forenoon (seventeenth day),⁴⁹.—While walking muscular system felt inert, the will also; stooped forward, that gravitation might supplement this inertia, in the forenoon (seventeenth day),⁴⁹.—Felt weary in the morning (seventeenth day),⁴⁹.—Felt utterly weary; had lost some sleep the past week; only left the house under the physician's "must;" slept and lounged about nearly all day (fortieth day),⁴⁹.—Great weariness (fourth day),⁹.—[930.] Felt less weariness than usual on rising in the morning (second day),⁴⁹.—The several shifting neuralgic pains in the localities most frequently mentioned, have recurred at other times in slight degree, in addition to those here recorded. Also, once or twice in the ball of the right thumb, in the evening (twentieth day),⁴⁹.—Frequently I find sudden motions cause catching dull or spraining pains, *e. g.*, in outer fibres of deltoid tendons, when raising arms; in tendons in front of left ankle, when flexing the joint suddenly. Prior to proving had a sprained feeling in last articulation of right little finger, especially when shaking hands with others; it seems worse of late, especially after the doses (seventeenth day),⁴⁹.—Internal quivering sensation through the body, at middle, followed by slight eructation, in the afternoon (twenty-fifth day),⁴⁹.—At various times since proving began, little shocks or pricks like neuralgia or rheumatism in divers places, as left supra-orbital nerve, right ear, right elbow, right knuckle, etc. (sixteenth day),⁴⁹.—During the afternoon and evening, spent mostly in street-car, on walking, or visits, had a rapid succession of transient, and principally slight symptoms, shifting locality, dull, sharp, crampy, etc., as crampy feeling in left hypochondrium in a small spot, probably in left rectus muscle; sticking in the right axillary folds (twenty-fifth day),⁴⁹.—(The interest of the symptoms seems to lie largely in their frequent shifting and recurrence in all parts of the body, in localities new and old, many such being necessarily here omitted) (twenty-sixth day),⁴⁹.—This morning, symptoms all seem wanting, for the first time. My impression is that my system, under the influence of the last dose, has established a "tolerance" of the drug, which I take to be another phrase, a synonym, for the incipency of that vital resistance or "reaction" which characterizes Hahnemann's "secondary effects," in the "resolution" of its "primary" pathogenetic action, *i. e.*, of return to health; the phenomena being alternately and periodically, both primary and secondary, probably in all cases, the former waning, the latter increasing up to full health; these thence ought to be easily distinguished (twenty-first day),⁴⁹.

Skin.—Objective. Skin soft, in the forenoon (nineteenth day),⁴⁹.—skin of fingers, knuckles, etc., when pinched up, retains the fold; color normal, in the morning (second day),⁴⁹.—[940.] After three or four days the oedema and the rash subsided, but the skin of the face scaled off, and there was peeling of the hands and feet, as after scarlatina,²².—**Eruptions, Dry.** Rash all over the body, vivid as scarlatina, and attended

with intolerable and incessant itching. The rash and irritation were persistent for several days, and then slowly and gradually subsided, followed by universal exfoliation of the cuticle,²⁵.—Scarlatina-like eruption, with extremely violent itching over the whole body, followed by desquamation, lasting fully three months,⁴⁰.—Sore pimple on right side of nose, at end of nasal bone, in the afternoon (third day),⁴⁹.—Sore pimple, left of bridge of nose, lasting two days (forty-seventh day),⁴⁹.—Erythema of the face and limbs, with marked swelling of the right arm,¹⁸.—Eruption on the lower lip, first on the left, afterwards on the right side (first and second months),⁵.—For some days have had a sore pimple, like a small boil, concealed by the beard, on right upper part of chin; culminating yesterday, pressed it, watery discharge; it is much reduced (nineteenth day),⁴⁹.—Large wheals with local redness over neck, chest, and arms,⁴⁴ ⁵⁴.—**Eruptions, Moist.** Vesicular exanthema, with much itching and inflammatory redness and swelling of the skin; appears first on the genitals and thighs, then on the face, hands, and arms; it is a little moist, but it usually dries with a fine crust, sometimes causing cracks and ending with a desquamation of thick scales; with this the general condition is only slightly disturbed, sometimes with slight febrile symptoms and gastric disturbances; its usual course is of one or two weeks,³¹.†—[950.] Colorless eruption on dorsa of hands, forming patches of flat lymph papules, itching but slightly, most at radial side of hands,⁴⁹.—**Eruptions, Pustular.** With some, the pimples degenerate into pustules, which do not suppurate, but take on the appearance of an itchlike crust, exceedingly repulsive,⁴⁵.—With some, pimples appear over the whole body, accompanied with an intolerable itching, and which eventually discharge a matter somewhat thicker than serum, though not exactly of the consistence of pus; having reached the suppurative stage, the eruption gives place to squamous scabs,⁴⁵.—Long-continued offensive suppuration (two cases),³⁰.—In some cases, the eruption declares itself upon the genital organs, and occasions acute suffering,⁴⁵.—**Subjective.** Intolerable pricking in the skin, followed by sweat, especially of the face (third and fourth nights),⁷.—Sudden, long, pricking stitches, as with needles, in the skin of the chest, back, and thighs, followed by moderate sweat on the chest and back, in the evening, while walking slowly in the open air (seventh day),⁵.—(The soreness of the little finger joint is concerned with persistent itching in right ear, and scratching it; also, in the first place, with carrying medicine-case by handle); the itching is old, but the soreness is new,^{18a} ⁴⁹.—Itching of anterior wall of left concha of ear; scratching it yields whitish scales, and allays itching; in the evening (twenty-fourth day),⁴⁹.—Inside of tragus of left ear constantly itches, so also left side of chin and jaw under the beard; scratching, temporary relief (old symptom), (twenty-first day),⁴⁹.—[960.] Itching of right alar crease of nose, in the afternoon (twenty-fourth day),⁴⁹.—Itching on both sides of chin, in head, etc., in the early morning (twenty-sixth day),⁴⁹.—Itching, left side of scrotum, in the afternoon (twenty-fourth day),⁴⁹.—Itching, dorsal, right side; friction, voluntary, by clothing, caused chilly creeping, round from back to sides and front of chest, after midnight (nineteenth day),⁴⁹.

Sleep and Dreams.—Sleepiness. Constant inclination to yawn, with decided weakness (second day),⁵.—Yawning (tenth day),⁶.—Yawning

† It attacks only those workmen who are employed in precipitating, by means of milk of lime, and filtrating the crude Chinin from the acidulated solution.

towards evening (eighth day),⁶.—Frequent yawning (third day),⁶.—Going out, and whilst in the street, repeated yawning and long expiration, with inclination to end in an audible ha! ho! (evening), (seventeenth day),⁴⁹.—Sleepiness during the day,⁵; (tenth day),⁶.—[970.] Drowsiness, so that I could not maintain the clearness necessary to enter the charges of the day's visits; had to lie down and go to sleep, evening (weather rainy, since 2 P.M.), (twenty-seventh day),⁴⁹.—Drowsiness in car and church, afternoon (twenty-sixth day),⁴⁹.—While sitting, drowsiness, with pressure downward in the whole frontal region, extending its influence to the upper eyelids, at noon (twenty-third day),⁴⁹.—Whilst sitting in conversation (both before and after dinner), drowsiness (twenty-second day),⁴⁹.—Drowsiness in street-car; after getting out, laggy gait (twenty-ninth day),⁴⁹.—Sitting, drowsy feeling like warmth about the eyes, and down to throat, in the afternoon (fifteenth day),⁴⁹.—In the afternoon, while sitting conversing, drowsy, cannot keep my eyes open; the lids seem to spasmodically contract; worse from glare on white wall (eleventh day); day before yesterday, in like circumstances, dozed in my chair (before dinner; to-day, after dinner),⁴⁹.—Feeling a little drowsy while standing, forenoon (twentieth day),⁴⁹.—In a close railroad car, very drowsy; fell asleep (eighteenth day),⁴⁹.—Felt drowsy and weary one hour; hard to get awake; felt very heavy in the afternoon (seventeenth day),⁴⁹.—[980.] During the day, when conversing with patients, felt very drowsy, in warm rooms (third day),⁴⁹.—Quiet sleep, without dreams (twenty-sixth day, after 8 grains),⁷.—Sleep more profound than usual, but did not refresh as usual, throughout the whole proving,⁵.—Slept with benefit, and retired earlier than usual; rose the next morning somewhat rested (forty-first day),⁴⁹.—**Sleeplessness.** Uneasy sleep, with much cough (eighteenth night),⁵.—Sleep uneasy, full of dreams (seventeenth night),⁶.—Sleep very uneasy, interrupted by wonderful dreams, constant tossing about the bed (ninth night),⁶.—Restless sleep at night (first night),⁵.—As daylight approached, frequent waking, sleep almost semi-conscious (seventeenth day),⁴⁹.—Waking earlier than usual from an uneasy sleep,⁷.—[990.] Sudden starting from sleep at 2 A.M.; throat swollen, expectoration accomplished only with great difficulty; he was obliged to rise, and with great exertion to cough up some mucus, after which there was momentary slight relief; besides, the more he coughed the worse the respiration seemed to become; sweat covered the whole body, especially the back and limbs; respiration became rattling and gasping, so that he was obliged to get out of bed (without thirst, anxiety, or palpitation, only general heat very marked; pulse 66, small, soft, irregular), (twenty-fifth night),⁵.—No sleep at night, except a few hours in the morning (eighteenth day),⁷.—Sleeplessness,⁵.—**Dreams.** Sleep full of dreams (twenty-seventh day),⁸.—Sleep interrupted by dreams,¹.—Dream indistinct in the morning (seventh day),⁴⁹.—Vivid dreams, towards morning (seventeenth night),⁵.—Frightful dreams, with restless sleep,⁴⁶.

Fever.—Chilliness. Temperature diminished (after eight hours),²⁰.—Temperature depressed,¹⁹.—[1000.] Bodily temperature fell 0.2°, lasting two hours (boy, after one hour and three-quarters),³⁷.—Bodily temperature fell 0.2°, lasting thirty minutes (8 grains, after eighty minutes); 1.0°, lasting three hours and a quarter (20 grains, after fifty-five minutes); 0.4°, lasting forty-five minutes (20 grains, after eighty minutes), (girl),³⁷.—Violent chill in the afternoon, while at work, lasting an hour; after the chill, the usual warmth of the skin returned; the temperature of the air rose, from 8 A.M. to 2 P.M., from 40° to 50° F. (second day),⁸.—Violent chill,

with trembling in the limbs, so that she could scarcely walk; after going to bed she had violent heat, with frequent yawning and sneezing, which was followed by copious sweat (thirty-first day after 20 grains),⁸.—Decided shaking chill at 3 P.M.; at 6½ P.M., heat of the face, lasting until almost 9 P.M., but no sweat followed (fourth day),⁵.—Violent shaking chill, followed by fever,⁴⁰.—Chilliness in the afternoon (twentieth day),⁵.—Chilliness towards evening, with rapid pulse, dryness of the mouth, and thirst,⁴³.—Chilliness, with paleness of the face, pain in the forehead and temples, and ringing in the ears, at 11 A.M. (eleventh day),⁷.—Slight chilliness, with somewhat accelerated pulse,⁴².—[1010.] General chilliness over the whole body, especially the back, with painfulness in the middle dorsal vertebrae (twenty-fifth night),⁵.—Special chilliness during the whole afternoon (it seems to be in contradiction to the state of the weather), (sixth day),⁵.—Stove-heat is agreeable, in the forenoon (second day),⁴⁹.—The fever shows itself at one time by an effervescence of the blood, causing great pulsation (or “snapping”) of the veins, at another by an icy coldness of the whole body, insomuch that it has been compared to the action of an intermittent fever; this fever seems to terminate by a sharp spontaneous accession (from breathing the dust of the bark),⁴⁵.—Chilly creeps, right side of occiput; afterwards left side, in the afternoon (twenty-fourth day),⁴⁹.—In the morning, had a renewal of an old symptom, from the blowing of cold air on front of chest, *i. e.*, a cold feeling under left clavicle, requiring additional covering (eighteenth day),⁴⁹.—Chilliness in scapular and mammary regions (twenty-third day),⁴⁹.—Chilly creeps over the whole tract of trapezius muscle; later, from spines of scapulæ to shoulders; and still later, on taking hat off in the house, from trapezius, over occiput, to vertex, and behind the ears, in the forenoon (nineteenth day),⁴⁹.—Chilly creeps over various parts of the trapezius, as heretofore, with soreness recurring in right lower bicuspid, in the afternoon (twenty-fifth day),⁴⁹.—Going to outhouse to urinate, the air growing slightly cool and windy, felt slight chill from occiput over the whole space of trapezius muscle and to upper arms, in the afternoon (fifteenth day),⁴⁹.—[1020.] When lying down, before breakfast, cold feeling in sacrum and left leg, from knee to foot (forty-fourth day),⁴⁹.—Extremities cold (after eight hours),²⁰.—Extremities, hands, feet, chin, and nose cold, from noon till evening (eighth day),⁶.—Feet and hands cold, especially left foot and tendo Achillis, in the afternoon (twenty-third day),⁴⁹.—Fingers, toes, and soles cold (room heated), in the morning (second day),⁴⁹.—Whilst sitting in warmish room in shirt-sleeves, writing, left arm feels slightly cool; single strong sneeze; tingling and snuffing afterwards, right side, then snuffing on left side; slight sense of stoppage (either side) alternates with the snuffing, in the evening (fifteenth day),⁴⁹.—Left hand cold, whilst writing, in the afternoon (twenty-fifth day),⁴⁹.—The left hand, holding the paper, colder than the right, using the pen, in the afternoon (first day),⁴⁹.—Backs of hands and fingers getting cold, in the afternoon (first day),⁴⁹.—Knees getting cold (twelfth day),⁴⁹.—[1030.] The left knee, if uncovered (by my wrapper), gets cold, the right less affected thereby; hands are comfortable, the left a little cool; not observed until thinking about it a little while, in the forenoon (twenty-fourth day),⁴⁹.—Feet cold (sitting writing) in the afternoon (fourth day),⁴⁹.—In a draft of air, feet getting cold to ankles, with sneezing; draft and cold feet continuing, sneezing not repeated, in the forenoon (twenty-first day),⁴⁹.—Noticed my feet getting cold; first soles, then anterior half, especially of left, the former with sneezing (after fifteen min-

utes), (thirteenth day),⁴⁹. †—Feet and inner calves cold, especially the left, in the forenoon (twenty-eighth day),⁴⁹.—Feet, then knees and above boots, especially the left, getting cold, the room being without a fire, in the afternoon (first day),⁴⁹.—Left foot cold to ankle, at noon (fourteenth day),⁴⁹.—Having crossed my limbs to test the leftsidedness, the left foot is even colder than before; the right not proportionately, at least, in the forenoon (twenty-fourth day),⁴⁹.—Sitting writing, left foot cold as before (perhaps this is so marked because the left is nearest to a draft from the bathroom on that side) (in the forenoon), (twenty-fourth day),⁴⁹.—Left foot gets cold whilst sitting, right less so, at noon (twenty-fifth day),⁴⁹.—**Heat.** [1040.] Flushing, but left foot cold, afternoon (twenty-seventh day),⁴⁹.—Temperature (second day), 98° (morning, noon, and night),⁴⁷.—Temperature (fourth day), 98°, at 7 A.M., 12 M., and 9 P.M.,⁴⁶.—Temperature (2 grains), 98° (after one hour); 99½° (after three hours); 98° (after eight hours); 98° (after nine hours),⁴⁶.—Temperature (third day), 98¼°, at 7 A.M., 98½° at 12 M., 98° at 9 P.M.,⁴⁶.—Temperature (10 grains), 98½° (after one hour); 99° (after four hours); 99½° (after six hours); 99½° (after eight hours); 98½° (after fifteen hours),⁴⁶.—Temperature (second day), 98¼°, at 7 A.M., 98½° at 12 M., 98° at 9 P.M.,⁴⁶.—Temperature (4 grains), 98¾° (after two hours); 99½° (after four hours and a half); 99½° (after six hours); 99½° (after nine hours); 98° (after sixteen hours),⁴⁶.—Temperature, 97° (after one hour); 99½° (after three hours); 100° (after four hours); 100° (after six hours); 99½° (after nine hours); 98½° (after twelve hours); 98° (after fifteen hours),⁴⁷.—Temperature rose slightly (after four hours), still more (after twenty-four hours), and returned to the normal (third day),⁵¹.—[1050.] Temperature before taking, 37° C.; 37° (after one hour and forty-five minutes); 38.8° (after two hours and forty-five minutes); 36.6° (after four hours); 37.2° (second morning); (first proving). Temperature before taking, 37.2° C.; 36.9° (after one hour); 36.8° (after four hours); 37.5° (second morning); (second proving). Temperature before taking, 36.9°; 37.1° (after one hour); 37.4° (second morning) (third proving),⁵².—Increased warmth of the skin, towards evening,¹.—A kind of pleasant warmth over the whole body; this gradually passed into sweat,²⁸.—Heat of the whole body (after four hours),⁷.—Heat over the whole body, which gradually breaks into sweat,²⁷.—Heat, followed by sweat, while perfectly quiet, towards evening (ninth day),⁷.—Sleep prevented by great heat of the body and excessive thirst (thirtieth day),⁷.—Intense heat over the whole skin,²⁷.—Dry heat throughout the whole body, during a sleepless night (third and fourth nights),⁷.—Slight attack of intermittent fever, in the cycle of an ordinary tertian,²⁴.—[1060.] Previous to sitting down to supper, whilst moving the arms, felt a chilly creep over the left shoulder, shoulder-blade, and left side of the neck; after sitting down, the room being rather warm, felt warm about face, shoulders, and downwards and backwards, gradually all over, with throbbing of heart and arteries, to feet and hands (seventeenth day),⁴⁹.—**Heat.** Heat in the head (twenty-second day),⁵.—Heat of the head, with a strong rapid pulse, followed at last by sweat,¹⁵.—The warmth is felt mainly in the forehead, then in the face, in the afternoon (fifteenth day),⁴⁹.—Heat of the forehead, with pressive pains in it (eighteenth day),⁶.—Warmth felt down left side of face, in the afternoon (fifteenth day),⁴⁹.—Heat of the face (seventh day),⁵; (first day),⁷.—Heat of the face, as after coffee,¹.—Heat of the face, towards evening (thirteenth day),⁶.—Towards evening, while busy writing, heat of

† Hay fever, with cold feet and sneezing, may here find a remedy.

the face, lasting nearly two hours (first day),⁵.—Flushes of heat in the face, with thirst, at 4 P.M. (thirty-first day),⁶.—Sensation of warmth, starting from the colon and spreading through the intestines (from injection into the anus),¹⁵.—The warmth extends downward, subjectively, to external chest, in the afternoon (fifteenth day),⁴⁹.—[1070.] Sitting writing, hands are warm, in the forenoon (twenty-eighth day),⁴⁹.—*Sweat*. Feeling as if I would perspire, spreading from right scapula to left face and hand, forehead, and nape of neck, and down back successively; found my under-clothing slightly moist, with general slight perspiration, in the evening (seventeenth day),⁴⁹.—Now and then, a feeling as if perspiration might follow (about neck and face), in the evening (seventeenth day),⁴⁹.—Sweat breaks out over the whole body from time to time, even during perfect quiet (thirteenth day),⁷.—Sweat during the morning sleep so profuse that the bed was soaked with it (eighteenth night),⁷.—In a crowded place in the evening, general moderate perspiration (sixteenth day),⁴⁹.—Perspiration of parts pressed by clothing, as dorsal, axillary, and perineal regions, in the evening (eighteenth day),⁴⁹.

Conditions.—**Aggravation.** (*Morning*), Head empty; on rising, especially on stooping or moving, pain in head; feeling of tension about head; at 3 o'clock, headache, etc.; at 9 o'clock, pain in side of forehead, etc.; on waking, frontal headache; early, on raising eyebrows, pain up side of head, etc.; while writing, with head inclined to left, dull headache on left side; when bending forward, sensation in brow; early, pain in supra-orbital region; resonance in ear; at 1.30 o'clock, while writing, fauces, etc., feel dry, etc.; twinge down lower jaw; teeth feel rough; tongue flabby, etc.; clogging of pharynx; hunger; thirst; early, slight nausea; pressure in region of liver; soon after rising, commotion in bowels; on rising, breaking wind, etc.; while standing, cramp in colic region; immediately after rising, colic, etc.; after stool, mucous protrusion; at 6.45 o'clock, diarrhoea-like stool, etc.; early, urging to urinate; early, feeling in hyolaryngeal space; on rising, soreness of larynx, etc.; tickling in left bronchus, etc.; cough, etc.; pain in chest; sensation in breast; on rising, pain in side of chest; when bending forward to urinate, feeling at ends of false ribs; after breakfast, sitting at stool, elbow on knees, palpitation; palpitation of heart; early, feeling in sterno-mastoid muscle, etc.; at 2.20 o'clock, after sleeping, feeling in right deltoid; after 1 o'clock, before going to bed, while making motions with arms, cramp in deltoid; early, while writing, pain in ulna; on waking, right arm uncovered, pain in shaft of ulna; early, when feeling for levator anguli scapulae, cramp in flexors of forearm; early, while writing, aching in ulna; hips feel old, etc.; early, aching in leg; on rising, sticking below malleolus; early, sitting, pain in muscles of sole; felt weary; early, itching on chin, etc.; before breakfast, when lying down, cold feeling on sacrum, etc.; fingers, etc., cold; during sleep, sweat.—(*Forenoon*), Feeling in head; after writing, fulness of head; while sitting, writing, head feels full; violent headache; twinge in supra-orbital nerve; sticking in ear; after breakfast, say at 10 o'clock, brassy taste; urging to stool; at 9 o'clock, stool mushy, etc.; cough, etc.; while sitting partially doubled up, heart's action subjectively felt; pulsations of heart accelerated; while at stool, pulsations of heart increased; at 10 o'clock, after excitement, strong heart-beat; conscious pulsation of heart; pulse in temporal artery beat very strongly; pulse full, etc.; pricking to left of dorsal spine; aching in forearm; twinges in dorsum of wrist; after using hands vigorously, sticking in left hand; while sitting at stool, cutting

in rectus femoris; post-malleolar sticking; after writing, "nervous mobility;" felt heavy, etc.; muscular system felt inert; at 11 o'clock, chilliness, etc.; stove-heat agreeable; in draft of air, feet getting cold, etc.; feet, etc., cold; sitting writing, hands warm.—(Noon), While holding forearm flexed and pronated, hand on table, neuralgic grip in right brow; sticking in ear; while waiting on doorstep, sneezing; on sitting, after motion, grumbling in colon; pain in shoulder; when putting hand behind him, sticking in dorsum of forearm; feeling in glutæus maximus; while sitting, drowsiness, etc.; while sitting, left foot gets cold.—(Afternoon), Feeling of impending evil; towards evening, rush of blood to head; headache; after walking in sun, headache; towards evening, headache; frontal arteries began to pulsate, etc.; between 5 and 6 o'clock, pain in forehead; towards evening, pain in forehead, etc.; some pain in forehead; about 4 o'clock, some pain in forehead; from 1 to 4 o'clock, frontal headache; towards evening, headache; at 5 o'clock, frontal headache; dull headache; twitching of temporal muscles; towards evening, headache in temple; feeling in left head, etc.; dull headache; on going out, with head down, neuralgic twinge in and behind parietal protuberances; twinges in occipital protuberance; eyes, etc., feel heavy; twinges about brow, etc.; flashing in supraorbital nerve; twitching of eyelid; glare of light disagreeable; sitting, tension in parotids, etc.; while walking out of doors, aching in ear; after going downstairs, sticking in auditory meatus; twitching of the nose; on going into room from cold air, sneezing; air blowing on side of face, pain in zygoma, etc.; twinge above root of zygoma; pain in lower jaw; twinges in lower jaw; aching in molars; sticking in teeth; sensitiveness of bicuspid; twitching of lingualis muscle; throat full, etc.; scraping in throat; itching of velum palati; phlegm from pharynx; at 2 o'clock, hunger, etc.; thirst; vomiting; full feeling in stomach; stitching in hypochondrium; while sitting in room, pain about umbilicus; distended abdomen; after 2 o'clock, sensation in upper abdomen; while going about house, continuing while in street-car, pinching in colon; colic; at 2 o'clock, colic, etc.; pain in colon; while sitting, stitch in groin; sticking in sphincter ani; at 2 o'clock, urging to stool, etc.; when going about room, desire to urinate, etc.; aching in spermatic cord, etc.; at 4 o'clock, *hoarseness*, etc.; short cough, etc.; walking in open air, raising of mucus, etc.; crampy feeling at angles of ribs; sticking in right chest; after going upstairs, pulsation of heart felt in chest; slight palpitation; at 4 o'clock, neck began to swell, etc.; after sitting in draft of air, feeling in scapular muscles; twinges in right scapula, etc.; sensitiveness of dorsal vertebræ; carrying medicine-case in left hand, pricking in dorsal vertebræ; when walking, lumbar pain; pain in lumbar region; sitting, pain in pelvic muscles; while sitting bent to other side, pain in region of left kidney; when using the parts, twinges in index finger, etc.; while folding powders, arms felt as if wanting in nerve-force, etc.; sitting, with arm in malposition, rheumatic threatening in deltoid muscle, etc.; feelings in tendons of deltoids; sitting back in arm-chair, aching in axilla; while writing, pain in ulnar nerve; when pulling a door, pain in front of elbow; while going about, sensations in dorsum of forearm; carrying medicine-chest in right hand, pain in little finger, etc.; riding in cold wind, pain in tendons of forearm; while holding a weight, sticking in dorsum of forearm; twinge in forearm, etc.; after writing, pain around carpus; while writing, pain in knuckles, etc.; walking bent forward; while walking, catch in glutæus maximus; tired feeling in thighs; walking, rigid feeling in thighs, etc.; feeling behind

trochanter; feeling in vastus externus; when sitting, with limb suddenly doubled up, pain in thigh; standing bent forward, foot advanced, myalgia along rectus femoris; after jumping from platform of car, cutting across rectus femoris; entering house, cutting across thigh; twinge behind trochanter; sensation down side of knee; on rising from seat, feeling about head of fibula; sitting, left knee resting on right, pricking in calf; pain in foot; feeling in foot; pains in calcaneal spaces; at 5 o'clock, uneasy sensation; sensation through body, etc.; itching on nose; itching on scrotum; towards evening, yawning; *drowsiness*; felt heavy; chill, etc.; at 3 o'clock, shaking chill, etc.; chilliness; towards evening, chilliness, etc.; special chilliness; chilly creeps on side of occiput; *chilly creeps over trapezius muscle*, etc.; from noon till evening, extremities, etc., cold; feet, etc., cold; while writing, left hand cold; left hand colder than right; backs of hands, etc., getting cold; sitting, writing, feet cool; feet, etc., getting cold; flushing, etc.; towards evening, skin warm; towards evening, heat, etc.; warmth of left side of face; towards evening, heat of face; while busy writing, heat of face; at 4 o'clock, flushes of heat in face, etc.—(*Evening*), Heavy feeling in head; at 7 o'clock, headache; frontal headache; sticking in forehead; temporal arteries full, etc.; neuralgia in parietal region; walking in open air, neuralgic twinge in right head; sitting, neuralgic twinge in side of head; threatening headache in occiput; on holding up head suddenly to right, shock across occiput; falling of dandruff from beard, etc.; itching of scalp; when walking in wind, lachrymation; while writing, stitch at left eyebrow; while writing, aching in orbit, etc.; while sitting in street-car, pain in supraorbital nerve; while writing, pain in supraorbital nerve; twitching of left eyelids; aching above mastoid process, etc.; sticking in ear; intolerance of noise of boys; sitting in shirt-sleeves, sneezing; moisture in nose; head held obliquely down in writing, sensation at end of nasal bone; while sitting, tingling in nose; in cold air, facial pains; aching about malar bone; reading, with head inclined, varying pains; sticking in molars; taste of abnormal secretion; appetite very great; thirsty; while sitting bent, rising of ingesta; pyrosis; eructations; fasting, visiting a patient, sitting on low chair, preparing medicine on knee, sensation in stomach, etc.; shortly before going to bed, pain in region of liver; commotion in colon; emission of flatus; aching in rectus abdominis; sitting, inclination to left side, left-sided colic; walking about, colic in colon; sticking in colon; standing in open air, cough, etc.; commotion in rectum, etc.; sitting, pressure of flatus, etc.; while walking, sticking to right of anus, etc.; urging to stool, etc.; at 9 o'clock, after urinating, pain in orifice of urethra; relaxation, etc., of right testis; tickling in larynx, etc.; tickling at bifurcation of trachea, etc.; while dressing, cough, etc.; while eating, long inspiration, etc.; rising suddenly from seat, and attempting to swallow at same moment, arrest of breath; feeling behind sternum; immediately after chewing orange-peel, eating sugar, and drinking water, pressure in subensiform space, etc.; at 7 o'clock, pain in left half of chest; on entering house, stitch from edge of liver; tickling in left chest; phlegm in left chest; lumbar pain; while writing, lumbar pain; aching in renal region; pain in upper arm; sticking above condyle of humerus, etc.; while writing, twinge in nerve of arm; palmar sticking; finger-joint sore; walking about, feeling in lower extremities; just before going to bed, hips feel tired; walking, tension in muscles of thigh; while sitting, ache in rectus femoris; ache in glutæus maximus; sticking in knee-joint; when warmth got to feet, toe began to twitch; aching over tibia; twinges in

tibial nerve; twinge in fibula; foot feels swelled; when resting it on one side, pain in muscles of sole; twitchings; while walking slowly in open air, stitches in skin of chest, etc.; itching of concha of ear; drowsiness; left arm cool, etc.; feeling as if he would perspire, etc.; moderate perspiration; perspiration of clothed parts.—(*Night*), When reading, bent forward, pain from supraorbital foramen to vertex; at 11.30 o'clock, twinge in brow; neuralgic twinges in brows; at 11.30 o'clock, tension in right parotid; cutting in lower jaw; ravenous hunger; thirst; on retiring to bed, in crouching attitude, eructations, etc.; on starting to go out of room, eructations, etc.; while going upstairs, before supper, gnawing in stomach, etc.; near morning, on waking, oppression at epigastrium; cough, etc.; 10 o'clock, boots hurt instep; restless.—(*Midnight*), While sitting, eructations; standing bent over table, just after eating piece of dry bread, heartburn; when writing, ache at scapular border.—(*After midnight*), While writing, neuralgic sensation on side of head; recurrence of ache in brow; between 1 and 2 o'clock, pain in right ear, etc.; teeth clinched; while moving about, emission of flatus; at 1 o'clock, while going about, recurring more sharply when sitting, pain at border of rectus abdominis; neuralgic tickling; towards morning, cough; at 12.30 o'clock, cough, etc.; towards morning, cough; cough, etc.; pain along digital nerve; dorsal itching, etc.—(*Open air*), Lachrymation; when without overcoat, cough.—(*Sitting bent up*), Eructations, etc.; lumbar pains.—(*Deep breathing*), Pain in sternum.—(*During chill*), Sensitiveness of dorsal vertebra.—(*Cold air*), Pain in infra-orbital, etc., nerves; toothache; with false position, acromial rheumatism.—(*After dinner*), Pain at forehead; at 4 o'clock, sitting in street-car, pain in lumbar region.—(*Eating*), Hunger; pressure in stomach, etc.—(*During exertion*), Lumbar cramp.—(*Friendly grips*), Soreness of little finger-joints.—(*While holding papers and writing on them*), Twinges in finger.—(*Sitting leaned to right*), Sensation of left temple.—(*Sudden movement*), Pain in sternum.—(*Moving eyes*), Pain in forehead, etc.—(*Pressure*), Colic.—(*Rising suddenly to standing posture*), Stitch in parietal region; colic.—(*Sitting*), Eructations, etc.; aching in muscles of foot.—(*After sleep*), Readily angry.—(*Standing*), Holding head down, stitch in parietal region; stitch at sphincter ani; sprained feeling of tendons under malleolus; after rising from bed, feeling in toe.—(*During stool*), Sensation in right hand.—(*On stooping*), Vertigo.—(*After supper*), Walking, after a little jar, tension in parotid, etc.; going from one room to another, tingling in left side of nose, etc.; hunger.—(*Turning head*), Pain in forehead, etc.—(*Suddenly turning head to right*), Sprained feeling in sterno-mastoid muscle, etc.—(*After urinating*), Evacuation of flatus.—(*Walking*), After eating, threatening of nausea; pain along rectus femoris; sensation of numbness of feet; indoors, on pressing foot to floor, pain in toe-joint.

Amelioration.—(*Forenoon*), Will positive, etc.—(*Afternoon*), Towards evening, headache.—(*Evening*), Buoyant feeling; more vim, etc.; resolute feeling, etc.—(*Walk in open air*), Lively mood, etc., returns; headache, etc.—(*Bending body forwards*), Sticking in chest.—(*Applying cold hands*), Feeling in head.—(*Drinking cold water, also eating a bun*), Goneness, etc., in stomach.—(*Eructation*), Nausea; feeling in stomach; pressure in stomach.—(*Careful friction*), Contraction of spermatic cord.—(*Jar of going downstairs*), Contraction of spermatic cord.—(*Loosening clothes*), Threatening of nausea; coldness in stomach, etc.; oppression of stomach.—(*Lying on abdomen*), Palpitation of heart.—(*Motion*), Pain in tendons of forearm.—(*Pressure*), Sensation in region of spleen; pressure

in region of liver.—(*Sleep*), Everything.—(*Standing*), Aching in muscles of foot.—(*Sugar*), Hollowness of stomach.—(*Supporting arm*), Ache at scapular border.—(*Trust in Almighty*), Feeling of gloom.—(*Walking in wind*), Parched feeling in eyes.—(*Warmth*), Neuralgic pains; toothache.—Rheumatism in deltoid region.—(*Warm sponge-bath*), Pain in shaft of ulna.

CHLORALUM.

Chloralum hydratum crystallisatum, Hydrate of Chloral. *Formula*, $C_2HCl_3O + H_2O$.

Preparations, Triturations.

Authorities. 1, Dr. W. Eggert, proving with 72 grains on a lady, Hahn. Month., 6, 22; 2, *ibid.*, proving with 30 and 55 grains; 3, Dr. S. Swan, proving with repeated doses of the 200th dil., Med. Invest., 9, 547; 4, Dr. D. A. Babcock's provings, Inaug. Thesis, N. Y. Hom. Med. Coll., 1874, 6th dec. trit., frequently repeated doses; 5, *ibid.*, proving with 15 grains crude drug; 6, *ibid.*, proving with $\frac{1}{16}$ th, repeated doses; 7, *ibid.*, proving with 2 grains crude; 8, *ibid.*, proving on G. A. T.; 9, *ibid.*, proving on P. H. M.; 10, *ibid.*, proving on Mr. B.; 11, *ibid.*, proving on Mr. B. with 6th dil.; 12, *ibid.*, proving on Miss R. with 15th trit.; 13, J. B. Andrews, experiments, Am. J. of Insanity, July, 1871; 14, F. E. Anstie, cases of poisoning, Practitioner, 12, 104; 15, Crichton Browne, effects on patients, Practitioner, June, 1873; 16, Dyce Brown, action on skin of 5 grains, thrice daily, in whooping-cough, Month. Hom. Rev., 15, 347; 17, *ibid.*, effects of 10 grains, thrice daily, in a young lady; 18, E. T. Blake, effects of ordinary doses, B. J. of Hom., 1871; 19, Dr. Cairns, proving, 1 drachm (first night), 2 drachms (second night), 3 drachms (third night), Ed. Med. Jour., 1870, p. 375; 20, Dr. Curshman, effect on larynx in a patient, Practitioner, June, 1873, p. 364; 21, H. Derby, experience, with doses of 30 to 75 grains, in eye and ear infirmity, Bost. Med. and Surg. J., Dec. 1869; 22, Geo. Dabbs, effect of 20 grains, taken twice in half an hour, Med. Times and Gaz., 1870, p. 435; 23, Drasche, effects on a man with fracture of lower leg, Monograph on Chloral, 1869 (A. H. Z., M. B., 21, 15); 24, *ibid.*, effects of half a drachm; 25, *ibid.*, effect of 40 grains; 26, *ibid.*, effect of 45 grains; 27, effect of 2 scruples in a student, *ibid.*; 28, G. S. Elliott, effect of 40-grain doses on self, taken experimentally, Lancet, 1870, p. 786; 29, G. T. Elliott, chronic effects of at least 200 grains every twenty-four hours for months, Lancet, May, 1873; 30, A. Fraser, effect on conjunctiva of 30 grains daily, Month. H. Rev., 15, 347; 31, Husband, effect on skin of 20-grain doses daily for eight days, and then 30-grain doses twice daily for 5 days, Practitioner, June, 1873; 32, Kirn, effect in patients, Practitioner, June, 1873; 33, Levinstein, poisoning by 4 drachms (Wien Med. Clin.), N. Y. J. of H., 2, 344; 34, H. J. Manning, effects on a monomaniac, Lancet, May, 1873; 35, R. J. McKay, tox. by 5 drachms in four hours, N. Y. Med. Rec., 1870, p. 284; 36, Wm. K. Murphy, chronic effects on female with affection of bladder (20 grains at night, and finally 150 grains a day for six months), Lancet, August, 1873; 37, *ibid.*, effects on sleepless female of 40 grains at bedtime, increasing by 20 grains to 120 grains in twelve hours for four months; 38, *ibid.*, on sleepless female, 60 to 70 grains a day for two years; 39, *ibid.*, on sleepless young man, taken from a bottle "by guess" for eighteen months; 40, Nicol and Mossop, observation with the ophthalmoscope on selves, after 10 grains to a drachm, Br. and F. Med.-Chir. Rev., July, 1872; 41, J. Fred. Plumley, general effects, Lancet, Feb. 1870; 42, Thos. S. Ralph, microscopic appear-

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Mind.—Emotional. Feeling as though he had been intoxicated by wine (soon),²⁷.—Feeling of intoxication when first awaking; this soon passed off,⁴¹.—All the phenomena of delirium tremens,²⁹.—Pain (from an ulcer in cornea) relieved in half an hour after taking, but the patient became somewhat delirious, and being missed from the ward, was found wandering about alone in the upper stories of the building (60 grains),²¹.—Became delirious, and hurled a hot-water bottle at an imaginary figure which stood menacing her at the foot of the bed,¹⁸.—A consciousness of everything going on around him, with an inability to resist giving utterance to what he knew to be profound nonsense (3 drachms after ten minutes),¹⁹.—A pleasant excitation for a quarter of an hour, with pulse 88 (before taking 68), (immediately),⁵³.—In answer to questions, he said that his condition was of the most agreeable kind (soon),²⁷.—Lively mood, with loud laughing and witty remarks (very soon),²⁷.—[10.] A muscular and moral excitability similar to a slight champagne intoxication, whereby the prover felt pleasant, smiled, and danced,⁵³.—Generally so much reduced was she, alike in *morale* and in *physique*, that though once an accomplished horsewoman and habituated to danger and fatigue, she constantly evinced the profoundest terror without any adequate cause, and was unable to walk a hundred yards without sinking from sheer exhaustion,³⁸.—The temper, never very good, has been much more irritable than usual ever since,¹⁹.—From having been a cheerful, upright, exceptionally intelligent, and strong-willed woman, she had become morose, deceitful, and imbecile alike in intellect, memory, and will,³⁶.—From having been a woman of strong will and excellent mental power, she became listless and peevish, childish, indeed, in many things, begging for chloral.³⁷.—**Intellectual.** Inability to concentrate thought (second day),¹⁰.—Confusion of thought; after an hour mind wandered much,⁴⁴.—Great confusion of mind; a feeling as if he were now in one county and now in another, and with an anxious desire to get home (3 drachms after ten minutes),¹⁹.—Mentally, while she enjoyed a distinguished reputation as an authoress, she betrayed a confusion of mind, inability to concentrate her thoughts, and impaired memory altogether remarkable in one so highly gifted by nature,³⁸.—Could not keep the thread of sermon at church (second day),⁶.—[20.] While unconscious, talks quietly but incoherently (after fifty-five minutes),¹.—A healthy, energetic man became almost idiotic through its use,⁵⁶.—Was with difficulty roused either to speak

or take food, and on perfectly rallying at 4 P.M. (second day) did not remember a single circumstance after swallowing the second dose at midnight, but that the sensation had been one of unlimited rest, unbroken by anything, but quite different from sleep; the only symptom to which she could herself refer was to the cramps; the agonizing pain in her legs was the only occasional break in her otherwise complete mental monotony,²².—He woke up refreshed in the morning, without any bad symptoms, but could not recollect the disturbance by which he was awakened, nor that he replied,⁵³.—Seemed in a peculiar state of consciousness; knew that she was very ill, and herself insisted upon my being sent for (after one hour and a half),²².—Slight stupefaction (after one hour),²⁴.—Could not be roused, and made no attempt to answer questions,⁴⁷.—Found to be insensible (after twelve hours),⁵⁰.—Perfectly unconscious; not a flinch responds to the strongest pinch; screams now and then, and is very restless; retching; foam at mouth; turns pale; temperature of skin natural; pupils dilated; left leg spasmodically stretched, the right being perfectly relaxed and easily flexed (during operation for rupture of perineum), (after forty minutes),¹.

Head.—**Vertigo.** Vertigo,⁴³.—**General Head.** [30.] Veins of head and neck filled to bursting (after one hour),³³.—Head bent upon chest (after four hours),²².—Uncomfortable feeling about head all day,⁷.—Two or three of the patients complained, on waking, of headache, lasting from one to three or four hours.²¹.—Feeling of fulness and constriction in head, at 8 A.M. (second day),¹⁰.—Dull feeling in head all day; it seemed full (second day),⁸.—Dull aching pain in head, on waking in morning, which lasted all day (second day),¹⁰.—Dull aching pain in head, aggravated by sudden motion (second day),¹⁰.—**Forehead.** Severe pain in frontal region right over the supraorbital ridge, which nothing relieved, aggravated by movement (soon after),⁵.—Headache in forehead, extending to occiput (after two-thirds of an hour),⁸.—[40.] Headache over both eyes, running down in the eyes, left side worse, with feeling as if the eyes were constricted; within two hours it gradually passed away (after two hours),⁸.—Severe headache, lasting about two hours; a feeling of fulness over the eyes, especially over left eye, accompanied with some nausea and sour eructations of liquid, supposed to be what had been eaten for breakfast (after two hours),⁹.—Feeling as if a hot band was drawn across the forehead from temple to temple, directly over the eyes, with sensation of a burning ring around each eye (after a few minutes),⁵.—Dull, heavy, pressing headache over the eyes, more particularly the left, while at supper; it lasted about an hour, and then gradually wore away (after one hour),⁹.—**Occiput.** Dull, heavy headache in occiput, and forehead over the eyes; a feeling of weight and soreness, and seems wholly inside the cranium; aggravated by moving about, and on lying down, but slightly relieved by going into the open air (after one hour and a half),⁴.—**External Head.** Change in hair, not in color so much as in texture, the patient asserting on recovery that it had acquired a "dry, fluffy feel," had become "woolly,"³⁶.

Eye.—Redness and watering of the eyes, lasting for two days,³⁰.—**Eyes bloodshot and constantly watering.**³⁶.—Eyes bloodshot, and as if starting out of their sockets (3 drachms after ten minutes),¹⁹.—Eyes suffused and half-covered by the drooping eyelids (1 ounce),¹⁴.—[50.] Eyes became inflamed and weakened, and there was burning lachrymation (ʒss. daily for two months),¹⁴.—For three weeks the eyes were much inflamed, and unable to bear the light without pain,¹⁹.—The disk after the dose was seen to have a transparent appearance resembling white wax; the retina was always found

paler than before taking; the central artery and vein and their branches were darker in appearance, and seemed to stand out more prominently,⁴⁰.—A state of capillary congestion was found in the left disk on two occasions; once it came on very soon after the light was thrown on the retina, on the other occasion it was observed from the first (1 scruple),⁴⁰.—A general haziness of the fundus was noticed on one occasion in both eyes, when sleep had been produced ($\frac{1}{2}$ drachm after one hour),⁴⁰.—Stared wildly about (soon after),⁵¹.—Eyes set and glassy (after twelve hours),⁵⁰.—**Brow.** Great fullness over eyes, with pressing headache (after one hour),¹².—**Lids.** Eyelids became red and swollen; conjunctiva injected,⁴⁵.—Eyelids closed, and with some little difficulty opened (after four hours),²².—[60.] Temporary ptosis (in an overworked man),¹⁶.—**Lachrymal Apparatus.** Lachrymation (after one hour and a half),³³.—**Conjunctiva.** Redness, swelling, and secretion of the conjunctiva,³².—*Conjunctiva congested (after twelve hours),⁶⁰.—The conjunctivæ were more congested after the effects of the drug were fully manifested,⁴⁰.—Whole conjunctiva injected (after four hours),²².—Injection of the conjunctiva, with turgescence of the face,²⁶.—**Ball.** Slight throbbing pain in left eyeball, aggravated by leaning forward, at 11.20 A.M. (second day),⁹.—**Pupil.** Pupils dilated,³⁶.—Pupils dilated, with sensitiveness to the light,²⁵.—[70.] Both pupils somewhat dilated,⁵³.—Pupils contracted,⁴⁷; (after half an hour),³³.—Pupils contracted, insensible to light (after twelve hours),⁵.—Pupils contracted to size of pin's head (after forty minutes),³⁵.—Pupils became at first contracted, the right more than the left, followed by dilatation of the pupils, with subsequent alternations of myosis and mydriasis,²⁶.—Pupils became elliptical in form, soon followed by angular contraction of the left pupil, at first directed downward and outward, afterwards outward and upward (although there were no seneciæ in the eyes),²⁶.—Pupils thought to be more sensitive to light,⁴⁰.—**Vision.** Dimness of sight,³⁶.—Once, after total cessation of chloral, temporary loss of vision, lasting with intervals for two days,³⁶.—After the sleep, diplopia in its worst form, succeeded in fifteen or twenty minutes by muscæ volitantes; ("everything appears double, and flies, or dark spots, pass before her eyes"),⁴⁵.

Ear.—[80.] Constant tinnitus aurium (1 ounce),¹⁴.

Face.—Wistful, haggard expression in the face (1 ounce),¹⁴.—Face dusky,⁴⁷.—Face quite purple (3 drachms, after ten minutes),¹⁹.—The face, to the roots of the hair and down to the ramus of the lower jaw, was of a dark-scarlet color, which was very persistent under pressure, most intense over cheek-bones, and shading in different directions; the ears partook of the same color, which was scattered in blotches over neck and chest, the lowest spot being at the centre of the sternum; this flushed condition was accompanied by slight contraction of the pupils, injection of the conjunctiva, and an excitement of the circulation; it continued for about an hour, and passed off during a paroxysm of sneezing (after half an hour),⁶⁶.—Face, forehead, the whole head to the neck, suffused with a deep redness (after one hour),³³.—Face and eyes very red (after one hour),²⁴.—Face becomes red and the eyes glittering (soon),²⁷.—Face flushed (55 grains, after twenty minutes),².—Face flushed and anxious,³⁶.—[90.] Face intensely flushed (after four hours),²².—The use of any alcoholic stimulant, even claret in very small quantities, would flush his whole face, suffuse his eyes, and bring on almost at once a severe headache, which was almost always at the back of the head, "about the cerebellum" ($\frac{1}{2}$ ounce daily),¹⁴.—Looked pale and anxious (second day),⁵¹.—Unusual pallor of countenance,

although the pulse continued as before taking (observed in several cases),²⁸.—Deathly paleness of face, with Hippocratic expression, veins sunken in (after one hour and a half),³³.—Rush of blood and sensation of heat in face, which lasted only for a minute or so (after a few minutes),⁵.—**Jaws.** Teeth firmly closed (after ten minutes),³⁵.—Teeth “fixed” (soon after),⁵¹.

Mouth.—**Gums.** Gums spongy (20 grains thrice daily),¹⁶.—**Tongue.** White, thickly-furred tongue,²⁹.—**General Mouth.** [100.] The lips and mucous membrane of the mouth were excoriated; in five days the ulceration of the mouth had extended further; the lips were covered with crusts (20 grains thrice daily),¹⁵.—**Saliva.** Frothy mucus flowed from the mouth, and it seemed filled with a membranous substance, not unlike that of membranous croup (after twelve hours),⁵⁰.—**Speech.** Expressed himself in a peculiar broken speech, as if partially drunk (1 ounce),¹⁴.

Throat.—Came near strangling by spasm of the throat, involving apparently the epiglottis,⁵⁷.—Moderate catarrhal sore throat, with pain in the fauces (three cases),³².—Awoke at 7 A.M. with feeling as of a cold in head; throat and posterior nares seem sensitive, raw, and burning (second day),⁶.—**Fauces and Œsophagus.** Unless largely diluted, it produces a burning sensation in fauces and stomach,¹³.—**Partial paralysis of the œsophagus,** accompanied by a nervous disinclination to take food or drink, and seriously interfering with nutrition of patient,³⁸.—Partial paralysis of the œsophagus, not spasmodic stricture; the muscles contracting, indeed, but sluggishly and incompletely, under the stimuli of food and drink; recurred at intervals for many months, even after convalescence was established,³⁶.—**Swallowing.** Deglutition difficult, the act not beginning till he strangled and coughed (after forty minutes),³⁵.

Stomach.—**Appetite.** [110.] Loss of appetite,²⁹.—Hardly any appetite for dinner,⁹.—**Thirst.** Great thirst,²⁹.—Urgent thirst,⁴⁴.—On awaking in morning, intense thirst, with dryness of tongue and fauces, headache, vertigo, nausea, and great nervous sensibility,³⁹.—**Erectation.** Acidity of stomach; regurgitation of food tasting very sour (after one hour),¹².—**Nausea and Vomiting.** Nausea⁴⁵ (especially on second or third day),⁴³.—In some instances, it has induced nausea and vomiting,¹³.—Sense of nausea and oppression in stomach, without inclination to vomit; an uneasy feeling in stomach; nausea and stomach symptoms seemed to be relieved by eating supper, but came on again later in the evening (after one hour and a quarter),⁴.—Retching (after fifty-five minutes),¹.—[120.] Slight retching (55 grains, after one hour and five-sixths),².—Slight tendency to vomit,²².—After the first dose, whether she had the whole or a part, she *always* was sick, so that a double dose was used every night (noticed in three other cases),³⁷.—**Stomach.** Belching of wind; lasted until after eating (after five minutes),⁸.—Sense of emptiness shortly after eating, as if he had not eaten,³.—Intolerable sense of sinking and oppression at pit of stomach,⁴⁴.—Pain in stomach and abdomen, accompanied by slight difficulty of respiration (second day),¹⁰.—Extremely painful sensation at pit of stomach (especially on second or third day),⁴³.—Sharp pains in epigastric region (after two hours),¹¹.

Abdomen.—Severe colic (especially on second or third day),⁴³.

Stool.—**Diarrhœa.** [130.] Was seized with diarrhœa about two months before she died (produced, I fear, by the Chloral); during this diarrhœa she passed a large amount of gelatinous matter in the stools,³⁷.—Three stools during the day (second day),⁷.—Two stools during the day,

instead of one,⁷.—Two loose stools, in afternoon,⁷.—Two soft light-yellowish stools, voided with some sharp pains in the rectum (after seven to nine hours),⁹.—Soft, lumpy, strong-smelling stools twice a day, and frequent passage of fetid flatus,⁷.—Soft yellow stool, in evening (after nine hours),⁷.—Stool, in morning, soft, but voided with great pain in the rectum (third day),⁹.—**Constipation.** Constipation,²⁹.

Urinary Organs. Frequent and profuse urination of a dark amber color, clear and no odor,³.—[140.] **Urinated copiously in bed without knowing it,*⁵⁸.

Sexual Organs.—Copious nocturnal emission,⁴.—Seminal emissions at night (it being only a week since the last), and again on the following night,⁵.

Respiratory Organs.—**Larynx.** Pronounced redness and swelling of the epiglottis and of the false vocal cords,²⁰.—**Respiration.** Breath fetid (20 grains thrice daily),¹⁵.—Constantly fetid breath,²⁹.—Odor of Chloral in breath something sickening (after four hours),²².—Respiration stertorous (after twelve hours),⁵⁰.—Stertorous breathing, with loud snoring during sleep in any position; when lying on the back, the inspiration was through the nose, while the expiration was blown through the lips, as in apoplexy,³.—Gasping breathing,⁴⁴.—[150.] Respiration so hurried as to “resemble the panting of a dog” (3 drachms, after ten minutes),¹⁹.—Respiration 48, shallow, and loudly stertorous (after forty minutes),³⁵.—Respiration slow, labored, and stertorous (after ten minutes),³⁵.—9 and 10 A.M., respiration 20 (before taking); 16 (after one hour); 18 (after three hours); 18 (after seven hours); 20 (after eleven hours),²³.—The patient was found breathing heavily, at times stertorously,⁴⁷.—Very laborious respiration, with occasional deep inspirations, with a sighing expiration,³.—Respiration quiet, and at times imperceptible,³⁷.—Respiration intermitting (after one hour),³³.—Sense of suffocation and oppression of chest, in front and at its base,⁴⁴.—Great dyspnoea,⁴⁴.—[160.] Attacks of extreme dyspnoea, which increased to asphyxia; at the same time the face was swollen, the facial muscles paralyzed, and there were also all the signs of cerebral effusion (45 grains daily),³².

Chest.—Singular sensation of fullness of chest, not as if it was filled up, as a person experiences after a hearty meal, but rather as if all the tissues were hypertrophied, producing an indescribable sense of tightness and pressure on the lungs, causing very labored breathing and redness of the face, which attracted attention; this condition was so uncomfortable that he discontinued the proving, and it was several days before he could breathe freely,³.—Used regularly to suffer after meals from a sense of oppression which made going upstairs extremely difficult, and even interfered with speech, although there was no chest disease to account for this; the symptoms persistently recurred in spite of all treatment till the Chloral was left off, when the oppression entirely disappeared,⁴⁹.—Sense of weight on the chest, in the region of the sternum, at night, causing an expiration to be easier than an inspiration,³.

Heart and Pulse.—**Præcordium.** Sounds of the heart indistinct (after one hour and a half),³³.—**Heart's Action.** The primary action is to increase the force of the heart's action and arterial tension,¹³.—Action of the heart so violent that its pulsations could be heard at a distance (3 drachms, after ten minutes),¹⁹.—As soon as she took a glass of beer there was strong pulsation of the arteries, and the whole face was swollen and of such an alarmingly deep color that we were obliged to for-

bid the use of wine and beer (30–45 grains),³².—The secondary effect is to diminish the force of the heart's action and arterial tension,¹³.—Heart acting regularly, but with increased frequency and diminished force,⁴⁴.—[170.] Motion of heart quite rapid, but so feeble as to be scarcely felt (after twelve hours),⁵⁰.—**Pulse.** Slight increase of pulse,³.—Pulse rapid, weak, and wavy (after forty minutes),³⁵.—Radial, temporal, and tibial pulses frequent, weak, and irregular, in both force and rhythm, and frequently intermittent; after an hour, the superficial pulses almost imperceptible,⁴⁴.—Pulse 74 (before taking, 68),⁵³.—Pulse weak, and about 76,⁴⁷.—Pulse 84 (76 is normal), (after half an hour),⁶.—Pulse 88³ (55 grains, after forty minutes),².—Pulse ran up from 76 to 88 (30 grains, after fifteen minutes),².—Pulse 90; whole body extremely relaxed, except the left leg (after forty-five minutes),¹.—[180.] Pulse 92 (55 grains, after thirty-five minutes),².—Radial pulse hard, 92 (after one hour),³³.—9 A.M., pulse 72; 10 A.M., pulse 80 (before taking); pulse 84 (after one hour and a quarter); pulse 92 (after three hours); pulse 90 (after seven hours); pulse 80 (after eleven hours),²³.—Pulse risen from 80 to 100 (55 grains, after six minutes),².—Pulse 100; sleeps; face commenced to flush up bright-red (after fifteen minutes),¹.—Pulse 108 (after twenty-five minutes; after one hour),¹.—Pulse 120 (20 grains thrice daily),¹⁵.—Pulse 120; sleeps with snoring; face flushed of darker hue (after twenty minutes),¹.—Pulse slow, feeble, and intermittent,³⁶.—Pulse fell from 125 to 100 in half an hour (75 grains),²¹.—[190.] Pulse quick and bounding; its frequency about 120, but gradually decreasing till (after seven hours and a half) it was only 96,²².—Pulse fell from 120 to 90 in about half an hour, with increasing drowsiness (60 grains),²¹.—Pulse fell from 96 to 84 in half an hour (45 grains),²¹.—Pulse sunk from 88 to 80 (after five minutes),¹.—Pulse fell from 80 to 70 in half an hour (45 grains),²¹.—After the dose, her pulse, generally small and 80 per minute, would fall from 10 to 12 beats; it would, after the lapse of half an hour or so, rise to 90, and even 100, and then, after some time, fall to its normal state; it was hard, but regular,³⁷.—Pulse fell from 90 to 60 in about half an hour, with increasing drowsiness (60 grains),²¹.—In large doses, within safe limits, the pulsations are not reduced in number proportionately to the size of the dose, but the effect is more prolonged,¹³.—The pulse of the carotids could hardly be felt (after one hour and a half),³³.—Pulse of right arm (she had lain on that side) not perceptible; that of the left, small, thready (after twelve hours),⁵⁰.

Neck and Back.—[200.] A "singing sensation," which seemed to come from the back of the neck, or from the medulla oblongata ($\frac{1}{2}$ ounce daily),¹⁴.

Extremities in General.—Jactitation of the limbs,⁴⁴.

Superior Extremities.—The blood had settled under the fingernails, and there were purple spots on the side on which she had lain (after twelve hours),⁶⁰.—Muscular pains, chiefly felt in upper extremities,²⁹.

Inferior Extremities.—Not merely leg-weakness, but some want of co-ordinative power,¹⁴.—Finally, on rising one morning, he found his legs suddenly give way under him, was unable to stand or walk, and was obliged to get into bed again; this attack fortunately passed off in the course of the day, but left behind it great nervous depression and general weakness, accompanied with a feeling of utter vacuity of mind and inability to concentrate the attention upon anything,³⁹.—Sensation and motion paralyzed in both legs (lasted one week),⁴⁸.—Spells of feeling as though the legs were asleep (after four hours),⁶.—Acute wandering pains in lower limbs,

especially in calves of legs, occurring many weeks previous to cessation of Chloral; had a feeling, at times, on putting his feet to the ground in the morning "as if his legs were all in a mash," as if "he could not distinguish clearly between one part and another,"³⁸.—**Leg.** Sat suddenly bolt upright in bed, and complained of agonizing cramps in the legs, a feeling of suffocation, of swimming in the head, and of absolute inability to co-ordinate the movements of the lower extremities (after one hour and a half),²².—[210.] On waking at 10 A.M., found to his horror that his legs were paralyzed from the knees downward; all the rest of the body was in a normal condition; this paralysis wore off in the course of the day (second day),⁵⁴.—Dull aching pain in calves of legs, at times running down into foot; sense of fulness of skin, with throbbing (after four hours); the severity of the pain lasted for about an hour and a half, when it gave way to a dull steady leg-ache, not very severe; it returned next day, more severe,⁶.

General Symptoms.—Objective. Literally, she resembled a living skeleton; appeared in a maudlin, semi-narcotized condition, and was only temporarily roused to consciousness by loud and repeated questionings; when roused, her answers were incoherent, her manner wild and uncertain, evincing altogether a state of mind closely bordering upon idiocy,³⁶.—In several parts of the field of the microscope, besides garnet-colored amorphous particles, a number of red-colored globules (double the diameter of white corpuscles, and many smaller) were seen; some of these were dark-red,⁴².—Almost jumping and springing, he changed from one bed to another (soon),²⁷.—With very great muscular agility, he was steady and sure, and with great talkativeness his speech was correct (soon),²⁷.—Was observed to grow quiet, his eyelids drooping (after five minutes),³⁵.—Inaptitude for exertion,²⁹.—General state one of great depression (20 grains thrice daily),¹⁵.—Became unaccountably depressed and very weak, especially in the lower limbs, this weakness increasing until he was compelled to give up his daily walks from sheer inability to put one leg before the other,³⁴.—[220.] Marked decubitus, with not merely indisposition, but at times manifest incapacity for exertion,³⁶.—Utter prostration of muscular strength, the limbs extended, the head low, and he had at times the aspect of impending dissolution,⁴⁴.—Lipothymia (especially on second or third day),⁴³.—Getting restless (after thirty minutes),¹.—Has become restless (55 grains, after twenty-five minutes),².—Most extreme restlessness (3 drachms, after ten minutes),¹⁹.—**Subjective.** *Marked cutaneous anæsthesia* (two cases, 60 grains),²¹.—Completely and profoundly anæsthetized (after forty minutes),³⁵.—The feeling of muscular languor was so decided after each dose as to call for special remark,⁴⁰.—Frightfully severe pains, particularly about the joints, worse in moist and cold weather; the pains very strictly resemble the analogous sufferings which are (somewhat rarely) produced by chronic alcoholism; they do not run in the course of the nerves like neuralgia, nor are they exactly in the joints, like articular rheumatism; they seem to encircle the limb, the finger, etc., immediately above or below a joint (1 ounce),¹⁴.

Skin.—Objective. [230.] A diffuse inflammatory redness over the whole body, so that it was thought advisable to isolate the patient; in ten hours this redness had disappeared,¹⁵.—**Eruptions.** Smooth, bright scarlet eruption over whole body (face, limbs, etc.),⁴⁸.—Four ounces of wine were sufficient to induce the chloral-rash (30 grains),³².—A scarlatinal rash broke out over the whole body, accompanied by fever and tenderness of the skin, and was followed by desquamation,³¹.—The tendency which the use

of Chloral produces to fluxionary hyperæmias, with increased and strengthened heart action, is first and most considerably manifested in the head, an intense erythema occurring, at first in spots, but afterwards more diffusely, and the vessels being dilated. In the more pronounced forms, the erythema extends downwards to the trunk, and becomes general, in which case it seems to follow, by preference, the course of the larger nerve-trunks. This choral-rash remains latent until set going by some stimulus to the vascular system, but then appears in an intensity and rapidity which are proportioned to the existing current of (general) choralization,⁴⁹.—On the ninth day of treatment, a rash appeared in the form of red spots which soon became confluent. On the twentieth day, the temperature and pulse rapidly rose to a febrile pitch; three days later, the temperature had reached 106.7°; large and repeated doses of Quinine were given without result, and baths had only a temporary effect. Œdematous swelling of the face, cheeks, eyelids, and ears now set in. During the whole course of the disease, the skin, so far from returning to its natural appearance, was the seat now of impetiginous, now of moist, and now of scaly eczema and ichthyoses, so that the process of desquamation, instead of being short as in the acute exanthemata, occupied many weeks, during which great sheaths of epidermis were cast off from all parts of the body. The profound lesions of the skin-nutrition were evidenced in the later stages by a remarkable shedding of the hair, and a gradual falling off of all the nails of the hands and feet. The affection of the skin was accompanied by a similar one of the mucous membranes, first of the intestines, which kept up watery diarrhoea in spite of medicines, and then by a similar affection of the conjunctiva and the bronchi. From the sixth week of the disease onwards a series of large abscesses formed on both arms over the shoulders and armpits, which secreted a considerable quantity of pus. Whilst these phenomena were occurring, there had been for eight weeks a continuous fever, occasionally remitting, and then again running up to a temperature beyond 104°.³².—Eruption on face erysipelatous, and face so much swollen that she could not see. Eruption lasted four days.⁴⁸.—*Eruption on arms and legs, exactly like nettle-rash, in large raised wheals, with intense irritative itching. (Twice, on repeating the dose, the identical symptoms returned),¹⁷.—*Eruption on arms, legs, and face, and subsequently over whole body, in large blotches of different shapes, raised above the surface, and of a deep-red color. Gradually, these blotches coalesced, till the whole skin was in this red blotchy state, more nearly resembling measles than anything else,¹⁶.—Dark erythematous flush over head and neck, with extraordinary twitching of facial muscles,³⁶.—[240.] *Erythema of head and neck*, with well-marked dark areolæ. *This hyperæmic condition of the skin was extraordinarily intensified immediately after the ingestion of the smallest quantity of wine, beer, or spirits, and was accompanied invariably with palpitation of the most distressing character*, both lasting for about two hours; the excessive hyperæmia disappearing last of all from the forehead in curiously well-defined patches,³³.—First, erythema of the face, and later a papular rash on the arms, with red bases. In some, nettle-rash occurred (60 grains, daily),³².—On the fourth day, a redness was developed on the skin of the chest and shoulders, which did not vanish on pressure; on the sixth day, the eruption had extended over the whole trunk and limbs, livid spots and deep red patches alternating. On the eleventh day, the petechial eruption was diminished on the chest and abdomen, the spots were yellowish, with patches of white skin between them. On the fifteenth day there was a sort

of general desquamation; fissures of the skin over the sacrum and in the neighborhood of the joints (20 grains, thrice daily),¹⁵.—Erysipelatous inflammation of the integuments of the fingers, with desquamation of the cuticle, and ulceration around the border of the nails (four cases),⁴⁶.—**Subjective.** Intense irritation and itching of skin, preventing sleep at night,¹⁶.

Sleep and Dreams.—Lies quiet; is gaping (55 grains, after six minutes),².—Inclination to drowsiness,¹².—For three weeks there was felt a painful sense of drowsiness,¹⁹.—Drowsiness came on in a quarter of an hour, followed by natural sleep, which began forty-five minutes after taking. Sleep continued in one case for two hours and a half, without waking, and an hour and a half at intervals afterwards. In the other case, with the same amount, sleep only lasted one hour and a quarter (45 grains),²¹.—Sleepiness (10 grains),⁴⁰.—[250.] Very sleepy in evening, and retired early; did not feel refreshed on waking, next morning,⁹.—Sleep (1 scruple),⁴⁰.—Went to sleep (soon after),⁵⁰.—On being brought back to bed, he at once went to sleep, passed the night quietly, and continued in a drowsy state all next day (60 grains),²¹.—The symptoms having continued from the time of taking, 11 P.M., till 6 in the morning, the subject, apparently from sheer exhaustion, became quiet and fell asleep, and slept for two hours, when he awoke with a most violent headache,¹⁹.—Without any trouble he fell asleep as soon as he laid down. Sleep quiet, natural, not disturbed by any dreams or hallucinations. Forcibly awakened, clear consciousness returned easily, and he replied promptly to any question. Left again to himself, he fell immediately again into his natural sleep, which lasted for ten hours, a thing which had not happened to him during his whole life,⁵³.—Sleep, on each occasion, occurred within half an hour of taking, and continued for upwards of eight hours, the result being that of having passed a sound refreshing night's sleep, with no unpleasant after-effects,²⁵.—Sleep came on in half an hour, and continued for four hours. It was, however, somewhat interrupted, and the patient was roused and made to answer questions without much difficulty (75 grains),²¹.—Fell asleep (after half an hour), and slept for two hours. Then she awoke with a scream, jumped out of bed and sat on the edge of it, semi-conscious. Recovered in five minutes, and was got back to bed, where she lay quietly for an hour, and then fell asleep again. In two hours more she awoke with much epigastric pain,⁵².—In the first case, the patient did not go to sleep for two hours, and then only slept one and one-fourth hours. Whereas, the other fell asleep in an hour, sleeping heavily two hours, and at intervals for from two to three hours more (60 grains),²¹.—[260.] In no instance did sleep come on in less than half an hour after taking,²¹.—At 10 A.M., quiet sleep,⁵³.—10.30 A.M., quiet sleep, although a good deal of noise in the hospital (prover suffers from a slight bronchial attack). 11 A.M., prover goes with another patient in bath-room and takes lukewarm bath; 11.45, returns from bath, takes hearty meal, and at 1 P.M., goes to sleep again. 5.30 P.M., wakes up refreshed; pulse, 72; respiration, 32; temperature 37,⁵³.—Dropped into a quiet sleep, lasting about one hour (after fifteen minutes). When she awoke, she complained of a slight headache, and was somewhat restless for half an hour, after which she dropped again into a quiet, natural and refreshing sleep (30 grains),².—Sleeps quiet; is snoring (55 grains, after fifteen minutes),².—Natural quiet sleep, lasting from four to six hours,⁴⁵.—Deep sleep, lasted thirty-six hours,⁴⁸.—He suddenly fell into deep sleep (after one hour),²⁷.—Deep sleep, with red face, the veins of the neck fuller

than usual; deep respiration, pulse 100 (after one hour and a half),³³.—Sound deep sleep, with loud snoring (after three to seven hours),²⁴.

Fever.—Chilliness. [270.] Surface of body cool (after one hour and a half),³³.—Temperature 22.9 (after one hour and a half),³³.—Became "stone-cold" (soon after),⁵¹.—Cold extremities,⁴⁴; (after twelve hours),⁵⁰.—

Heat. Temperature 36 (112°), before taking 37.2 (115°),⁵³.—Temperature 39.5 (after one hour),³³.—Temperature 36.8 at 9 and 10 A.M. (before taking); 37 (after one hour); 37.2 (after three hours); 37.4 (after seven hours); 36.8 (after eleven hours),²³.—Sensation of heat all over the body, particularly the face.³.—**Sweat.** Profuse sweating (especially on second or third day),⁴³.—A cold perspiration flowed from him, wetting his pillow and sheets (soon after),⁵¹.—[280.] A singular dryness of the skin (1 ounce),¹⁴.—Perspiration in large beads on the forehead (3 drachms, after ten minutes),¹⁹.

Conditions.—Aggravation.—(*Morning*), At 8 o'clock, feeling of fullness, etc., in head; on waking, pain in head.—(*Night*), Sense of weight on chest.—(*Open air*), Headache in occiput.—(*Leaning forward*), Pain in eyeball.—(*Alcoholic liquors*), Flushing of face; pulsation of arteries; rash on skin; erythema of head, etc.—(*Lying down*), Headache in occiput.—(*Sudden motion*), Pain in head.—(*Movement*), Pain in frontal region; headache in occiput.

Amelioration.—(*Eating supper*), Nausea, etc.

CHLOROFORMUM.

Formula, CHCl₃.

Preparation, for internal administration, solutions in alcohol.

Authorities. 1, Lembke, provings with repeated doses of 1 to 22 drops, A. H. Z., 39, p. 369; 2, Dr. Board, effects of 4 ounces internally, Br. Med. J., 1866; 3, Dr. Busey, effects of a teaspoonful internally, Am. J. of Med. Sc., Oct. 1872; 4, Chereau, effects of 37½ drachms, Med. Times and Gaz., 1857; 5, Dowling, effects of 1½ ounces, B. and F. Med.-Chir. Rev., July, 1864; 6, Dunreicher, effects of inhalation, Lond. Ed. M. J. of M. Sc., 19, 372; 7, Fricke, effects of a tablespoonful internally, Phil. Med. Times, May, 1871; 8, Haffoldt, chronic effects of habitual inhalation by an asthmatic patient, L'Art Med., 6, 378; 9, Hammond, inhalation, fatal, Med. T. and Gaz., 17, 174, n. s.; 10, Lamm, fatal case of drinking considerable for sleeplessness, A. H. Z. (M. B.), 5, 42; 11, Langenbeck, inhalation, Deutsche Klin., 48; 12, Mackei, effect of 12½ drachms internally, Union. Med., 1864; 13, Richet, fatal inhalation, Med Times and Gaz., 18, 142; 14, C. H. Smith, 2 ounces internally, Am. J. M. Sc., Oct. 1857; 15, Spence, 2 ounces internally, Laucet, Aug. 1856; 16, Yvonneau, general effects, Hirschel's Archiv., 1, 158; 17, Holmes, effects of 3½ ounces, Assoc. Journ., 1856; 18, Journ. de Toul., 1857, a woman swallowed 2 ounces; 19, Pringle, effects of 2 ounces internally, Lancet, 1856; 20, Robert, Gaz. des Hôp, 1853; 21, Santesson, inhalation, Hygeia, 2, 599; 22, effects of inhaling for extraction of tooth, All. Med. Zeit. (from Am. Obs., 7, 528); 23, Berridge, effects of inhalation, M. H. Rev., 16, 38.

Mind.—Emotional. Wild excitement, followed by complete insensibility,¹⁷.—On waking from its effects, she felt almost tipsy, frequently laughing, and not understanding what she said or did,²³.—Laughed and talked; told how the medicine burnt her tongue and hurt her (after half

an hour),³.—Talked nonsense, but spoke grammatically,²³.—In *two* proverbs obscene language was used under its influence,²³.—In *two* cases they sung comic songs, and one addressed the surgeon in a most familiar manner,²³.—Afterwards she could scarcely be persuaded to leave the piano, of which she was very fond; she would have continued playing all night if permitted; she could scarcely be persuaded to go to bed,²³.—**Intellectual.** Seemed scarcely to understand anything said to him, and kept on muttering,².—The patient pronounced some incoherent words, and sought to get away from the chloroform,¹³.—[10.] Insensible, still continuing to vomit (soon after),¹².—Could not be roused from insensibility (after ten minutes),¹⁴.—Remained unconscious for ten hours, and felt no uneasiness on awaking,⁸.—Entirely unconscious (after eight minutes),⁷.—Lying in a state of perfect unconsciousness (apparently in a profound sleep), from which she could not be roused (after twenty minutes),¹⁵.—Complete unconsciousness,¹⁹.—Utter loss of consciousness,¹².

Head.—Vertigo. Sensation of vertigo rising from the spine into the occiput (fourth day),¹.—Vertigo,¹⁶.—Dizziness,¹.—[20.] Whirling of the head; sensation as if he would fall forward (second day),¹.—Sensation as if the ground were waving, on closing the eyes (third day),¹.—**General Head.** Empty feeling in the head (fourth day),¹.—The head is light, with a peculiar sensation of clearness (first day),¹.—Heaviness of the head (fourth and fifth days),¹.—Heaviness in the head and pain in the forehead (sixth day),¹.—Felt a rush of something to the head,⁷.—Headache,¹⁶.—Violent headache (after sixteen hours),¹⁶.—Pressure in various places in the brain (fifth day),¹.—[30.] Pressure in various parts of the brain (sixth day),¹.—**Temples.** Pressing in the temples (fifth day),¹.—Pressure upon the temples (second day),¹.—**Occiput.** Heaviness of the occiput (fourth day),¹.—Heaviness in the occiput, with vertigo (fifth day),¹.

Eye.—Lids. Inclination to close the eyes (fourth day),¹.—Eyes closed involuntarily (fifth day),¹.—The eyes close in spite of one (fourth day),¹.—**Lachrymal Apparatus.** Moisture of the eyes (third day),¹.—Moisture, almost lachrymation of the eyes (third day),¹.—**Conjunctiva.** [40.] Conjunctiva injected,¹³.—Conjunctiva quite insensible (after twenty minutes),¹⁵.—**Ball.** The eyes were suddenly turned up,⁹.—Eyes fixed towards upper and inner angle,⁵.—**Pupil.** Pupils dilated (third day),¹.—Pupils dilated (just before death),²⁰.—Pupils dilated and insensible,^{5 11 16}.—Pupils widely dilated and insensible,⁴.—Pupils very much dilated,².—Pupils enormously dilated,¹².—[50.] Pupils very large (third day),¹.—Pupils contracted (second day),¹.—Pupils at first contracted (soon), (fifth day),¹.—Pupils very much contracted (after twenty minutes),¹⁵.—Pupils greatly contracted,^{18 19}.—Pupils variable, now dilated, now contracted,¹⁷.—Pupils during narcosis dilated; afterward, before death, contracted,¹⁰.—**Vision.** Everything seemed more distinct than usual (immediately),¹.—Dimness before the eyes (sixth day),¹.—Darkness before the eyes (fourth day),¹.—[60.] All seemed to grow dark except one bright spot,²³.—The sight *gradually* went during inhalation till everything seemed quite dark; it returned *gradually*,²³.—Dark points and bright streaks before the eyes (fourth day),¹.—Small black points float before the eyes (third day),¹.—Dark spots before the eyes, with bright spots on closing them (fourth day),¹.—Large black spots before the eyes (second day),¹.—A number of small gray spots and linear bodies appear to float a few inches before the eye; while looking at a distance they follow the motion of the eye; the same appearance before each eye separately (third day),¹.—Numerous bright points before

the eyes, with great inclination to close the eyes, and much yawning (fourth day),¹.—Bright and dark points; white flames when the eyes are closed, or when looking at a dark background (fifth day),¹.—Bright and dark spots before the eyes (sixth day after fifteen minutes),¹.—[70.] Flickering before the eyes (fifth day),¹.—Sparks before the eyes,¹⁶.—Flashes of light before the eyes,⁷.

Ear.—Ears seemed stopped with cotton (fifth day),¹.—Ringing in the ears (fifth day),¹ ¹⁶.—Roaring in the ears (sixth day),¹.—Roaring in the ears like boiling water (fifth day),¹.

Nose.—**Objective.** Nostrils obstructed by swelling of the mucous membrane,⁸.—Bleeding from the left nostril a teaspoonful of dark blood; it afterwards bleeds easily (fifth day),¹.—**Smell.** Sense of smell is weaker than usual (third day),¹.—[80.] Entire loss of smell (lasted two months),⁸.

Face.—Cadaverous countenance,⁴ ¹².—Expression that of a person partially intoxicated (after half an hour),³.—Some flushing of the face,⁹.—Face flushed,¹³.—Face livid,⁶; (after two hours),¹¹ ¹⁹.—Face became turgid,⁹.—Trismus,⁶.

Mouth.—**Teeth.** Teeth smooth, as after acids (fourth day),¹.—**Tongue.** Tongue pale,⁸.—[90.] Tongue covered with frothy saliva (third day),¹.—Tongue dry and parchment-like,⁴.—**General Mouth.** Mouth half open,⁴.—Mucous membrane of mouth and throat flaccid and swollen,⁸.—Foamed at the mouth,⁶.—Complained of the burning sensation the dose produced (immediately),⁷.—Complained of the pungency of the medicine,³.—**Saliva.** Much saliva (second day),¹.—Thin saliva (fourth day),¹.—**Taste.** Soapy taste in the mouth (third day),¹.—[100.] Altered taste of all food and drink, especially coffee (lasted two months),⁸.—Sense of taste abolished,⁸.—**Speech.** Could hardly articulate,².

Throat.—Jugular veins distended,⁴ ¹¹.—Scraping and dryness in the throat (second day),¹.—Prickling sticking in the throat, especially on swallowing (soon), (second day),¹.—**Fauces.** Fauces very red, with scraping in them (fourth day),¹.—Violent burning in the fauces and heat in the stomach (immediately after 20 drops), (sixth day),¹.—Scraping in the fauces (third day),¹.—Violent scraping and coldness in the fauces, on inspiration (fifth day), (soon after taking),¹.—**Swallowing.** [110.] Deglutition interrupted, slow, and difficult,³.

Stomach.—**Thirst.** Thirst (second day),¹⁸.—Great thirst at first,¹¹.—**Eruption and Hiccough.** Eructations tasting ethereal,¹.—Frequent eructations smelling strongly of chloroform, and causing prickling in the nose (fourth day),¹.—Constant hiccough,¹⁷.—**Nausea and Vomiting.** Nausea (sixth day),¹; (second day),¹⁶.—Nausea, with much saliva (fifth day),¹.—Urging to vomit (fifth day),¹.—Vomiting,⁹.—[120.] Vomiting (soon after),¹² ¹⁴.—Violent vomiting,¹⁷.—**Stomach.** Pain in the epigastrium (during convalescence),¹⁹.—Severe pain about region of stomach and spleen,⁵.—Burning in stomach,³.—Burning in the stomach alternating with chilliness (fifth day),¹.—Pressure in the stomach (third day),¹.—Pressure in the stomach, increased by external pressure (third day),¹.—Pressure in the stomach, with nausea (fifth day),¹.—Dull pressure in the stomach (third day),¹.

Abdomen.—**Objective.** [130.] Abdomen tense (before death),¹⁰.—Rumbling, with passage of flatus (fifth day),¹.—Rumbling in the abdomen (fourth day),¹.—Rumbling in the abdomen, with passage of flatus (third day),¹.—Much rumbling in the abdomen, with warmth (third day),¹.—

Passage of much flatus (third day),¹.—Abdomen painful (second day),¹⁸.—Cuttings deep from the stomach to the navel (second day),¹.

Rectum and Anus.—Although the rectum and intestines were as torpid as the genital organs, yet the sphincter ani preserved its contractility.⁸

Stool.—**Diarrhœa.** Bloody diarrhœa (during convalescence),¹⁹.—[140.] On two occasions, I have noticed involuntary discharge of feces,²³.—Much blood in the stools (second day),¹⁸.—**Constipation.** Constipation sometimes lasted eight days, but without giving rise to uneasiness,⁸.—The torpidity of the large intestine was such that he was obliged to resort continually to cathartics,⁸.

Urinary Organs.—**Urethra.** Emission of urine painless, but accompanied with a curious sensation along the urethra,⁸.—Stitches in the urethra (fifth day),¹.—Voluptuous tickling at the orifice of the urethra, with erections and desire to urinate (fourth day),¹.—Much desire to urinate (fourth day),¹.—**Micturition.** Urine increased in quantity (third and fourth day),¹.—Bladder distended, and bedclothes stained by urine that had escaped,⁴.—[150.] When the bladder was distended, the urine was only expelled after much effort,⁸.—Urine suppressed,¹⁰.—**Urine.** Urine dark yellow (fourth day),¹.—Specific gravity of urine rather lower than normal; it contained a large proportion of triple phosphates, and traces of uric acid crystals,⁸.

Sexual Organs. Genitals as if much shrivelled (third day),¹.—On one occasion erection of the penis occurred,²³.—No erections for two months,⁸.—Sexual desire, with a peculiar feeling in the testicles, which made him believe that the spermatic secretion still continued, and that the impotence was owing to paralysis of the perineal muscles,⁸.—Sexual appetite wanting, and the generative functions in a languid state, for several weeks,⁸.

Respiratory Organs.—Tracheal râle,¹².—He spoke in an altered drawling voice,²³.—[160.] Loss of power of speech; could not utter any sound whatever; remained in that state for five weeks, after which she began to speak in a low tone,²².—Respiration stertorous,¹²; (after ten minutes),^{14 16}.—Breath smelt of chloroform,⁵.—Short, quick, irregular, and superficial breathing,³.—Breathing slow and stertorous,⁵.—Respiration became very slow (?), and stertorous,¹⁹.—Respiration very slow and deep (sixth day),¹.—Respiration became very slow, full, and deep,²¹.—Respiration very slow and difficult,¹¹.—Respiration very slow, with plainly perceptible beating of the heart internally (fourth day),¹.—[170.] Respiration 15 (usually 22), (soon), (sixth day),¹.—Respiration fell to two in a minute,¹⁸.—Deep, slow respiration (after one hour); respiration very slow, fifteen to the minute, superficial, with at times deep inspiration (after one hour and a quarter), (fifth day),¹.—Frequent deep breathing (fifth day),¹.—Respiration during narcosis feeble and slow, afterward before death it became rapid, deep, and rattling,¹⁰.—Irregular respirations,⁶.—Respirations sometimes irregular and short, at others deeper and separated by longer intervals,⁴.—Some oppression of breathing,⁵.—Respiration appears embarrassed,⁵.—Respiration arrested every now and then,¹².—[180.] Eight or ten inspirations were distinctly remarked after the complete and entire cessation of the cardiac movements,¹³.

Chest.—Slow, but regular, heaving of the chest, with some subsultus of the muscles,⁴.—Moist crepitation over lungs,⁵.—Tension in the chest and bruised feelings in the joints (fourth day),¹.—Oppression of the chest, with slow respiration for a long time (fifth day),¹.—**Sternum.** Pain in the

right margin of the sternum, deeply seated (fourth day),¹.—Pressure behind the sternum (fifth day),¹.

Heart and Pulse.—Præcordium. Pressure on the heart (sixth day),¹.—Stitches in the region of the heart and upper half of the left lung (sixth day),¹.—Internal pulsation of the heart, like a trembling, rather more while sitting, with oppression of the chest, nearly the whole day (fifth day),¹.—**Heart's Action.** [190.] Action of heart occasionally tumultuous,¹².—Beating of the heart powerful, rapid, felt through the whole chest into the arms, and moving the book held in the right hand (first day),¹.—Beating of the heart felt in the chest without being noticed in the hand (fourth day),¹.—Heart beat so feebly that it required sustained attention to perceive its weak and rare contractions,⁴.—Heart-sounds feeble,⁵.—**Pulse.** Pulse frequent and undulating,⁶.—Pulse rapid and weak,¹⁷.—Pulse more rapid than usual (immediately),¹.—Pulse at first increased, afterwards small and indistinct,¹¹.—Pulse 78, soft and tolerably full (after twenty minutes),¹⁵.—[200.] Pulse 100 and feeble; afterwards insensible,¹².—Pulse 100 to 120, soft (second day),¹⁸.—Pulse slower than normal (at first),²¹.—Pulse became slower, and suddenly stopped,²¹.—Pulse 64, usually 75 (third day),¹.—Pulse about 60 (after ten minutes),¹⁴.—Pulse 60 (after half an hour), (fourth day),¹.—Pulse 56 (after one hour), (fourth day),¹.—Pulse 50, very weak,¹⁶.—Pulse weak and slow, afterwards, just before death, it became full and strong; then rapid (160), and weak,¹⁰.—[210.] Pulse 95 (after ten minutes); 65 (after half an hour); 70 (after three-quarters of an hour); 54 (after one hour and a quarter); 66 (after two hours and a half),¹.—Pulse 63, irregular; before the proving 70 to 75 (fifteen minutes after 12 drops), (fourth day),¹.—Pulse soon after taking small, irregular, scarcely perceptible, 80; after a few minutes 85, regular; after half an hour 70, for several beats in succession; then again some very slow beats; 62 (after three-quarters of an hour), firm; 64 (after one hour); 58 (after one hour and a half); 70 (after two hours and a half), (fifth day),¹.—Pulse very irregular, at one time very slow, then soon again rapid beats in quick succession (second day),¹.—Pulse small (third day), three-quarters of an hour after 8 drops),¹.—Pulse small and fast failing,⁵.—Pulse became very weak,¹⁹.—Almost imperceptible pulse,³.—Almost pulseless,².—Pulse suddenly ceased, face became pale,²⁰.—[220.] Pulse, from beating at the rate of 100, stopped as if it had been struck with lightning,⁹.

Neck and Back.—Veins of neck swollen,¹³.—Dull pains in the region of the kidneys (second day),¹⁸.

Extremities in General.—Objective. During commencing anæsthesia, twitching of the muscles of the extremities, especially of the arms,²¹.—Cracking in the joints and loss of power in them, on moving (fifth day),¹.—Excessive weakness in the limbs (fourth day),¹.—Complete resolution of the limbs,¹².—**Subjective.** Compressed sensation in the right ankle and left elbow (second day),¹.—Bruised pain in the shoulder and ankle-joints (third day),¹.—Feels very much bruised in all the limbs (sixth day),¹.

Superior Extremities.—[230.] Bruised sensation in the arms (fifth day),¹.—**Forearm.** Pressing pain in the muscles of the right forearm and in the flesh above the hollow of the right knee (second day),¹.—

Hand. Peculiar unsteadiness of the hands, with sensation of prostration (second day),¹.—**Fingers.** Finger-nails blue (fourth day),¹.—Fingers convulsively pressed against the palms of the hands, leaving impressions of the nails,⁴.

Inferior Extremities.—Staggered in walking (after half an hour),³—Constant painful weakness in the whole left leg, especially the lower leg and calf (first day),¹.—Great weakness in the feet (fifth day),¹.

General Symptoms.—Objective. Great nervous excitement,¹⁶.—The muscles stiffened,¹³.—[240.] Muscles become relaxed,⁹.—Frequent stretching and yawning (fifth day),¹.—Very feeble,⁷.—Every exertion of the muscles fatigues very soon (third day),¹.—Restless and tossing about before death,¹⁰.—**Subjective.** Anæsthesia, with muscular resolution,¹³.—Absolute general anæsthesia,¹².—Complete loss of sensibility and recognition, but not of self-consciousness. (Hirschell),¹¹.—Sense of touch perverted,⁸.—When under its influence, felt extremely comfortable; could have remained as she was forever,²³.—She felt as if floating on wings,²³.—[250.] Excessive weariness in all the joints, especially the ankles (third day),¹.—Sensation as if the seat were tottering (fifth day),¹.—While sitting, a sensation as if the chair and table were moving in different directions (third day),¹.—Felt queer twitchings in her body, which lasted over twenty-four hours,⁷.—Felt as if hammers were beating all over her,²³.

Skin.—Skin very blue, with coldness of the eyes (fourth day),¹.—Tingling of the limbs,⁷.—Crawling in the left fingers (first day),¹.

Sleep and Dreams.—Yawning (fourth day),¹.—Much yawning and closing of the eyes, even while walking (sixth day),¹.—[260.] Excessive yawning, as though he would dislocate the jaw (third day),¹.—Great sleepiness and much yawning (fourth day),¹.—A very agreeable sensation of sleepiness, with a very quiet mood (fourth day),¹.—Very sleepy, with chilliness and cold extremities (sixth day),¹.—Much sleep (fourth day),¹.—Apparently deep unconscious sleep, from which she could not be awakened,¹⁸.—Comatose sleep,¹⁶.—After vomiting had been induced, sank quickly and suddenly into a profound and alarming coma, characterized by excessive pallor of the features, sunken eyes, contracted pupils, insensibility of the cornea, perfect and universal muscular relaxation, complete anæsthesia, coldness of the extremities,³.

Fever.—Chilliness. Skin cold, pale,¹⁶.—Cold skin, especially on the extremities, with chilliness in the back, during the whole proving,¹.—[270.] Surface of body cold and clammy,⁵.—Constant chilliness, with cold extremities (third day),¹.—Internal chilliness (fourth day),¹.—Much internal chilliness, with cold skin (fifth day),¹.—Very cold,².—Temperature during narcosis diminished, but before death increased,¹⁰.—Chilliness deep in the back, extending to the temples (sixth day),¹.—Great coldness in the innermost portion of the spine, with coldness and paleness (after one hour and a half), (fourth day),¹.—Extremities cool,¹¹.—**Heat.** Feverish excitement (after sixteen hours),¹⁶.—[280.] Heat in the head (sixth day),¹.—Head hot,¹¹.—Heat in the occiput (fifth day),¹.—Warmth in the stomach (fourth day),¹.—Sensation of warmth in the bronchi that increases to a biting-burning, with a very troublesome constriction of the larynx, and with difficult interrupted sighing respiration, even amounting to a suffocative anxiety,¹⁸.—**Sweat.** Sweat copious before death,¹⁰.

Conditions.—Aggravation.—(On closing eyes), Sensation in head.—(On inspiration), Scraping, etc., in fauces.—(External pressure), Pressure in stomach.—(Sitting), Pulsation of heart.

Amelioration.—(Brandy), The symptoms.

CHLORUM.

The element. Chlorine; (G.), Chlor-gas; (Fr.), Chlore.

Preparations. Saturated solution of the gas in ice-cold water; lower dilutions with water.

Authorities. 1, Hering "and another man," Neues Archiv, 2, 3, p. 165; 2, Buchner, *ibid.*; 3, Berzelius, effect of inspiring the gas, from Hering's résumé; 4, Buchheim, general effects, from *ibid.*; 5, Christison, general effects of gas, *ibid.*; 6, Ferriar, *ibid.*; 7, Fourcroy, *ibid.*; 8, Gmelin, effects of inspired gas, *ibid.*; 9, Hare, effect of plunging the hand into the gas, *ibid.*; 10, Kastner, effect of inspiring the gas, from Hering and Wibmer; 11 (omitted); 12, Pereira, *ibid.*; 13, Siebers, *ibid.*; 14, Thenard, effect of the inspired gas, *ibid.*; 15, Wallace, *ibid.*; 16, anonymous, effect of fumes of Calcium chloride (from Archiv f. Hom., 19, 1, 69), *ibid.*; 17, Wallace, from Orfila Tox., effects applied to skin; 18, Cattell, symptoms (compiled), B. J. of Hom., 11, 157; 19, Dr. Tott, an apothecary, inhaled fumes, Frank's Mag., 4, 823, from All. Med. Zeit., 37, 1425; 20, Ziemssen's Handbuch d. Sp. Path. und Ther., 1, acute poisoning, effects on workmen; 21, *ibid.*, chronic poisoning; 22, Dunham, effects of washing mouth with a solution of Chlorine, Am. Hom. Rev., 2, 18; 23, *ibid.*, effect of inhalation of the gas, *ibid.*; 24, S. A. Jones, N. Y. J. of Hom., 2, 249, effects of inhaling the gas.

Mind.—Emotional. Mind tranquil and active,¹⁶—Excessive anxiety attacks him,¹⁰—Excessive anxiety; he could not speak a word,¹⁰—His mind is terribly affected; he is afraid of becoming insane; thinks it is impossible to get through it; everything seems confused; at the same time he cannot remember anything; worse the second day.¹—Great irritability and disposition to anger,¹—Great fretfulness in the morning,¹—**Intellectual.** The difficulty of recalling names when he sees the persons is far worse, besides, what is not so common, that of recollecting persons when he sees their names (second day),¹

Head.—Vertigo. Vertigo and stupefaction,⁶—**General Head.** Disagreeable sensation in the head when shuddering,¹—[10.] Forenoon at 11, disagreeable sensation in the head; crawling shudder, most on the back; he sits with his back to the sun, *which makes it worse*; later, a feverish sensation,¹—Sensation as if he would have a headache (after the first dose, in a man who never had a headache in his life),¹—Headache during coryza,³—Headache, worse after dinner,¹—**Vertex.** Painful wearing sensation in vertex and down the left side, with inclination to lie down (in a man who never had suffered from headache, every time on taking a drop of a weak solution of Chlorine, evening and morning),¹—**Parietals.** Headache in the left side, before the shuddering,¹—**Occiput.** Burning and pressure in the occipital protuberance gradually increased in severity (till he took the antidote, Sulphuretted hydrogen),¹⁹

Eye.—Eyes protruding,¹⁰—**Lachrymal Apparatus.** Lachrymation during coryza,¹—Lachrymation on waking (third day),¹—[20.] Lachrymation, especially in the open air; the right eye was formerly disposed thereto,¹—Watering of the eyes from Chlorine vapor,¹—Eyes very much affected the second day; he is often obliged to wipe them,¹—**Vision.** Dimness of the eyes during fever,¹—Suddenly, numerous fantastic images floated before the eyes, which disappeared with lightning-like rapidity,¹⁹

Ear.—Ringing in the right ear (dulness also in the left; deaf for forty years),¹.

Nose.—**Objective.** Severe sneezing,¹⁸.—Mornings, violent sneezing, after coryza in the evening,¹.—Violent coryza,¹⁰.—Flow from the right nostril; his left is always stopped; a few minutes after taking, afternoons,¹.—[30.] Abundant discharge of mucus from the nostrils,¹⁸.—Nose discharged mucus freely; water dropped from left nostril; did not burn or excoriate the skin,²⁴.—In twenty-four hours after coryza sets in, copious yellow mucus appears, as if the coryza were already ripe; no sneezing, and continued stoppage of the nose,¹.—Corroding water from the nose,¹.—Evenings, sudden flowing and dropping from the nose of a corrosive water, but without a sharp taste; at the same time lachrymation, dryness of the tongue, palate, and fauces, without thirst, but cold water is very agreeable; severe stopping up of the nose while it flows; all symptoms of coryza are worse when lying (two hours after 1 drop),¹.—**Subjective.** Mucous membrane of the nose attacked,¹⁰.—Dryness of the nose,³.—Has a peculiar suffocating odor, which produces a sensation of dryness in the nose and an irritation to cough in the windpipe, with pressure on the chest, lasting a shorter or longer time,³.—When Chlorine gas is inhaled, it causes a very disagreeable sticking sensation, and the consequence of this action is a violent coryza, that disappears again after several hours,⁴.—Burning pain, with severe tension and great dryness in the nose and eyes,¹⁹.—[40.] Sensation in the corners of the nose as if eroded, without visible soreness (after several days),¹.—**Smell.** Smell of Chlorine in right nostril; left one entirely stopped up,²⁴.—Loss of smell,²¹.

Face.—Heightened color of the face,⁸.—Complexion pale, often greenish,²¹.—Face puffy,¹⁰.—Face bloated,¹⁰.—Swollen face, with protrusion of eyes,¹⁸.

Mouth.—**Teeth.** Sensation of fulness in the teeth (after several drops),¹.—**Tongue.** Dryness of the tongue, palate, and fauces, without thirst, but cold water is agreeable to him,¹.—**General Mouth.** [50.] Mucous membrane of the mouth affected,¹⁰.—Mucous membrane of mouth and nose severely affected,¹⁰.—Increased vascularity and minute ulcerations in mouth and throat,¹⁸.—Dryness in the mouth,¹.—Soreness in the mouth, fauces, and pharynx, redness, and even small ulcers (from outward applications),¹⁸.—Soreness of mouth, fauces, and œsophagus, as if the tongue had been burnt, as if he had been eating vegetable acids, or as if his teeth had been injured by acids,¹⁸.—**Saliva.** The quantity and character of the saliva and bile are altered,¹⁵.—Flow of saliva (from continued use),¹².—Salivation,¹⁸.—Much mucus in the mouth,¹⁰.—[60.] Abundant discharge of mucus from mouth and nose,¹⁸.—**Taste.** Disagreeable taste and odor, so suffocating that it cannot even be inhaled mixed with common air without a sensation of suffocation and contraction of the chest,⁸.—Mornings, febrile taste in the mouth, ceased after rinsing it,¹.—**Speech.** Great difficulty in articulating or breathing,¹⁸.

Throat.—Choking sensation,⁸.—Throat sore, from uvula to bronchi (after two hours and a quarter),²⁴.—For two days after, throat and chest were sore and voice hoarse,²⁴.—Evenings, a few paroxysms, as if he would have a cough; as if the whole pharynx were raw or becoming so,¹.—**Swallowing.** Inability to swallow,¹⁰ ¹⁸.—He could not swallow,¹⁰.

Stomach.—**Appetite.** [70.] Evenings, less appetite,¹.—At first, appetite for tobacco; later, it does not taste good; smoking bites the tongue, and causes dryness in the mouth,¹.—**Thirst.** Desire for wine

rather increased,¹.—**Stomach.** Inflammation of stomach,¹⁸.—Acidity,¹⁸.—Acid stomach and other gastric troubles (in workmen exposed to Chlorine, and for which they eat chalk),⁵.—Acts on the mucous membrane of the stomach as a strong local irritant, also increases the secretion of bile; it cannot, however, act long independently, as it comes in contact with many substances having a great affinity for it; in this way it increases the quantity of chlorides in the blood, while it lessens that of carbonates and other salts; its secondary effect will therefore be similar to that of *Natrum muriaticum*,⁴.

Abdomen.—**Hypochondria.** The character of the bile was altered,¹⁵.—Increased secretion of bile,¹⁸.—**General Abdomen.** Weakness in the abdomen, mornings (third and fourth days),¹.

Stool.—[80.] During coryza, diarrhœa and other complaints, even during fever, appetite remains undisturbed,¹.—After 1 drop in the evening, some diarrhœa in the morning,¹.—After taking, stool next morning at the usual hour, but diarrhœa-like; a second still thinner the same forenoon; following day the same,¹.

Urinary Organs.—**Urethra.** Frequent desire to urinate, but it is only passed in moderate quantities, for several days,¹.—**Urine.** Increased urine,⁶.—Urine possesses bleaching properties,¹⁸.—Urine loses the power of reddening litmus-paper,¹⁸.

Sexual Organs.—Sudden impotence, even total aversion to sexual enjoyment; ordinarily he was easily excited, but now the contemplation of the greatest charms failed to arouse him; in a vigorous man of 30,¹⁶.

Respiratory Organs.—**Larynx, Trachea, and Bronchi.** Inflammation of the air-passages and lungs,¹⁸.—Inflammation of the bronchial mucous membrane,¹.—[90.] Phlegmonous inflammation of the bronchial membranes,¹⁸.—Bronchial catarrh, very common,²¹.—**Violent spasms of glottis*,¹⁸.—A feeling as if the rima glottidis were stiff, as if made of an iron ring (after two hours and a half),²⁴.—Inhaled mixed with air it causes a sensation of distress and suffocation, and violent cough; it always gave me a sensation as if the air-passages were contracted, as if there must be a cramp in the muscular fibres of the bronchi; the attack passed off with increased secretion of mucus, often with spitting of blood,¹².—**Sensation of constriction in air-tubes, tightness, and suffocation*,¹⁸.—Violent irritation in larynx and bronchi,¹⁰.—Violent irritation in the larynx, windpipe, and bronchi, cough, oppression, pressure in the chest; he could not swallow; *exercise in the open air agreed very well with him*, but did not relieve the excessive pressure and constriction; violent anxiety seized him, he could only utter single words, breathed heavily; the mucous membrane of the mouth and nose was severely affected; much mucus in the mouth, violent coryza; Ammonia did not help him; the face was bloated, eyes protruded, spasmodic cough tormented him, pulse slightly changed; inhalations of sulphuretted hydrogen gas relieved him very much; excepting cough and slight pain in the chest all other symptoms ceased after one hour and a half,¹⁰.—Irritation to cough,⁹.—**Voice.** [100.] *When inhaled undiluted, it causes *spasms in the vocal cords*,¹².—Loss of voice for seven months,¹⁸.—Aphonia for six months, from damp air,¹⁸.—**Cough and Expectoration.** Cough,¹⁰.—Cough, with spitting of blood,¹⁸.—Cough; tightness and sensation of pressure in chest,¹⁸.—Inhaled in small quantities it causes cough and oppression; inhaled frequently, hæmoptysis and consumption,⁸.—Violent cough,^{12,18}.—Spasmodic cough,¹⁸.—Tormenting spasmodic cough,¹⁰.

—[110.] Chronic cough,¹⁸.—Whistling-wheezing cough,²⁴.—Coughs seldom ; no expectoration, but a little hoarseness ; at each cough, a spot in the chest (region of right bronchus) feels sore, as if the cough jarred and hurt it (after two hours and a half),²⁴.—Cough, with expectoration of thick, white, frothy mucus,²⁴.—Fits of coughing, in which phlegm was always raised and ejected, but only after long and fatiguing efforts ; in a minute or two phlegm would again collect, causing a fit of exhausting coughing until it was expectorated,²⁴.—Constant cough, the bronchi apparently filled with thick, tenacious mucus ; no relief from expectoration, chest seemed to fill again at once ; when coughing, it seemed as if I must surely vomit, as if the efforts to “ raise ” the phlegm would also empty the stomach, yet no nausea is felt ; warm sweat broke out on the forehead while coughing,²⁴.—Abundant expectoration of mucus,¹⁸.—Inhaled in great quantities it produces spitting of blood and even death, with the most violent pains,¹⁴.—Hæmoptysis,¹⁸.—Workmen who inhale it often are attacked with hæmoptysis and lung disease,².—**Respiration.** [120.] Whistling râles, which are quite loud on a forced expiration (after two hours and a quarter),²⁴.—Respiration and heart’s action much increased,¹⁸.—*Expiration easy and noiseless, inspiration a little difficult* and attended with râles (after two hours and a half),²⁴.—**Inspiration easy, but not sufficient to fully inflate the lungs, could not completely fill them with air ; inspiration is attended with a short rattling-crackling râle ; expiration difficult, prolonged, and seems as if insufficient, as if the air-cells were hardly half emptied ; expiration is accompanied by prolonged, loud, whistling râles (not one sound merely, but a combination of several), and each pulsation of the heart gives a *crescendo diminuendo* effect to them,*²⁴.—Great anxiety, not that he thinks he will die, but on account of the impeded respiration (should call it a *physical*, not a *psychical* anxiety),²⁴.—Dyspnœa rapidly increasing ; profound sense of impending suffocation,²⁴.—Warm room was very suffocating, but cold open air gave no marked relief,²⁴.—*Scarcely had the liquid been received into my mouth, when I became sensible of a spasmodic action of some part of the respiratory organs of the following character: **Inspiration was unimpeded, and could be effected in the natural manner, but expiration was absolutely impossible,** and this impossibility arose, if I might trust my sensations, not from any inability of the muscles of expiration, but from a closure of the rima glottidis ; *expiration* being felt to be impossible, *inspiration* was again attempted, and was accomplished fully and easily, although the act was attended by a slight *crowing* noise ; expiration, which was again attempted, was impossible as before. By these successive operations *the lungs became inflated to a most painful degree, but so firmly did the glottis appear to be closed that it seemed as though air might pass through any part of the thoracic walls more readily than by the way of the larynx* ; this arrest of respiration having endured for about a minute, the face becoming turgid and livid, partial coma supervened, the spasm relaxed, and respiration became free again,²².—***Comparatively free, but crowing inspiration and absolutely obstructed expiration presented themselves, the face became extremely livid, convulsive movements of the extremities began, and the patient became partially comatose ;** I administered ammonia by olfaction, the spasm relaxed, and consciousness returned along with normal respiration,²³.—Respiration difficult,¹⁰.—[130.] Difficult breathing ; he could hardly speak,¹⁰.—***Sudden and extreme ayspnœa, from spasm of the vocal chords ; sufficient air cannot be inspired, even with the aid of all the auxiliary muscles of respiration, to sustain life, the eyes are staring, the face becomes blue, cold sweat covers the body, the pulse**

becomes small and soft, the temperature sinks from 37.4° to 36.8° C.,²⁰.—Suffocating sensation directly after taking Chlorine largely diluted with water,¹.—Paroxysms of suffocation,¹⁴.—*Chlorine gas mixed with common air produces *paroxysms of suffocation, often followed by a catarrh of some duration*,¹⁴.

Chest.—Inflammation of lungs and air-passages,¹⁸.—Contraction of the chest,^{9 10}.—Slight pain in chest and cough,¹⁰.—At once, tightness of the chest,²⁴.—When the dyspnoea was at the worst it was attended with a feeling as if a narrow band were drawn tightly around the lower third of the whole chest,²⁴.—[140.] Pressure on the chest,^{3 10}.—Oppression,¹⁰.—Oppression and constriction of the chest, not relieved in open air,⁴.—The sensation of oppression was most felt in the right lung,²⁴.—Sensation in lower and inner third of right lung, as if it was ruptured; there is a *feeling* as if the air escaped from the lung into the pleural cavity at each *inspiration*; the inspiration being attended by a separate *râle*, confined to the *quasi-ruptured* locality, the vibrations of which were felt by the *common sensation* (cœnæsthesis), perceptible to the touch (hand on chest), and audible to the bystander,²⁴.—Two hours and a quarter after inhaling the gas the chest feels sore interiorly, especially on coughing,²⁴.—The right lung seems to feel the force of the gas most markedly (having been *dosed* by inhalation, the superior size and *position* of the right bronchus most probably explains this seemingly one-sided action),²⁴.

Heart and Pulse.—Pulse frequent,¹⁸.—Accelerated pulse,⁶.—Pulse becomes more frequent, and perspiration breaks out,¹².—[150.] Pulse diminished,¹⁸.

Inferior Extremities.—Weakness of the legs (second day),¹.

General Symptoms.—Objective. The workmen seem very old; those 30 or 35 seem at least 40,²¹.—Absorption of the fat,¹⁸.—Loss of fat,¹⁸.—Disappearance of fat (in workmen),¹².—Phthisis,¹⁸.—Consumption,¹⁸.—Increased secretion from mucous membranes, and increased expectoration,¹⁸.—Was restless, desired to walk about; could not be easy either lying, sitting, or walking; seems as though the whole attention must be centred upon the act of respiration,²⁴.—Inclination to lie down (second day),¹.—Inclination to lie down during headache,¹.—Finds it difficult to rise in the morning, and great ill-humor,¹.—**Subjective.** [160.] Nervous sensibility,¹⁸.—*Excessive sensitiveness of skin*,¹⁸.—Sensibility diminished (from application of pure chlorine),¹⁸.—Feeling of comfort and increased cheerfulness,⁸.—Sensation as if a severe sickness were coming on, mornings at 3 o'clock,¹.—Wakes up at 3 or 4 in the morning, and feels as if a dreadful sickness were approaching,¹.

Skin.—Objective. Skin red and painful, becoming tumid and swollen, and thickened, as in facial erysipelas,¹⁸.—From ordinary application of the gas, the skin became red; if the application is continued a long time, it causes a violent pain, which increases with the redness; the skin swells and looks like erysipelas, with an unpleasant sensation, as if the parts were bruised; these symptoms continue some days, as if the skin were deeply affected; at last, itching and desquamation,¹⁷.—*Cutis anserina*,¹⁸.—Skin like *cutis anserina*, dry, yellow, and shrivelled,¹⁸.—Slight desquamation,¹⁸.—[170.] Furfuration,¹⁸.—Inflammation of cuticle and ulceration,¹⁸.—Determination of blood to the skin, with eruption of *minute papillæ*, chiefly on the back, loins, breast, abdomen, and arms, so close that the skin has a general red appearance at a short distance, like injected papillæ of *cutis anserina*; the papillæ suppurate and vesicate, or desquamate,¹⁸.—Accumulation of blood in capillaries of skin, with heat,¹⁸.—**Eruptions.**

Eruption of minute vesicles, thickly studded all over the skin; on shoulders, their bases very nearly touch one another; they disappear on the second day, leaving minute red and livid spots,¹⁸.—Nettle-rash, wheals white, small, in clusters, surrounded by diffuse redness,¹⁸.—Urticaria febrilis,¹⁸.—Causes tetter-like eruptions, and critical sweat,¹⁸.—**Subjective.** Sticking, pricking sensation in skin for several hours,¹⁸.—After several days the skin of the nose feels as if eroded,¹.—[180.] Slight smarting,¹⁸.—Stinging, as of a nettle,¹⁸.—Stinging sensation, succeeded by symptoms like those from Cantharides, which subside after half an hour; succeeded by soreness and bruised sensation for some days; replaced by itching sensation, the cuticle coming off in thick scales, as in psoriasis,¹⁸.—Sensation of stinging or biting in different parts, as of very minute insects, indescribably transient and minute, occurring here and there at intervals, on arm, back, abdomen, and lower limbs, as if an insect flitted over the part and stung it; increases, with desire to *slap* the part with the palm, so as not to allow any rest,¹⁸.—Diluted with water or air, and brought in contact with the skin, it causes a very peculiar sensation, resembling the stings of insects, with copious sweat, rush of blood to the skin, sometimes an eruption of little pimples, or even vesicles. Applied to the skin undiluted, it acts in the same way, but more violently,¹⁵.—Sensation (after ten minutes) as of stings or bites of small insects, in various places; the number of these places increases, and a sensation of general itching or heat follows; copious sweat usually begins with the itching, this sweat continued during the night after the application of the Chlorine; after this vapor-bath, there was an eruption of small pustules over all parts of the body, especially on the back, lumbar region, abdomen, chest, and arms; these seldom suppurated,¹⁷.—Itchiness, with greatly increased sensibility; he tries to avoid scratching,¹⁸.

Sleep and Dreams.—Falls asleep late after every mental excitement, during the first days; is sleepy very early the following days,¹.

Fever.—Chilliness. Chilliness in the warm room, evenings; not in the open air, mornings, several days,¹.—Shuddering and shaking (one hour after 1 drop, in the evening),¹.—[190.] From 10 to 11 forenoon to 2 in the afternoon, cold shudders over the outer surface of both arms, and over the back and thighs, with dimness before the eyes, then a feverish sensation with unchanged pulse,¹.—Headache, left side, before the shuddering. After dinner, at 2 o'clock, he feels much worse in his head, and so badly in general, that he is obliged to lie down. He is only improved by walking back and forth. The next day at the same time, the same, but more lightly. (Two days after omitting the remedy, in one who never had intermittent fever),¹.—**Heat.** Heat of surface of body,¹⁸.—Heat while eating and after eating, with great irritability and disposition to anger, while drinking wine and coffee,¹.—Slight fever and coryza,³.—Inhaled highly diluted with air, it causes a sensation of warmth, and promotes expectoration,¹².—Pleasant feeling of warmth, and diminished sensibility (from application of pure Chlorine),¹⁸.—Warmth in the stomach,⁶.—Agreeable warmth in the stomach, accelerated pulse, sensation of comfort, increased cheerfulness, heightened color, increased urine; but from larger doses, vertigo and stupefaction; from still larger, nausea, vomiting, colic, and diarrhoea,⁶.—Warmth in the air-passages,¹².—Sensation of warmth in respiratory passages,¹⁸.—[200.] With the atmosphere at 15° R., the hand dipped in Chlorine gas, feels a heat of from 32° to 55° R., although the thermometer is not affected. This must have been occasioned by a chemical combination of

Chlorine, with the exhalations of the skin,⁹.—**Sweat.** Perspiration increased,¹⁸.—Copious perspiration,¹⁸.—Night-sweat during sleep, with genial glow all over surface of body,¹⁸.—Causes critical sweat,¹³.

Conditions.—**Aggravation.**—(*Morning*), Fretfulness; on waking, lachrymation; sneezing; taste in mouth; weakness in abdomen; at 3 o'clock, sensation as if sickness were coming on.—(*Afternoon*), From 10 or 11 A.M. to 2 P.M., shudders over arms, etc.—(*Evening*), Flowing from nose; paroxysms; less appetite; chilliness.—(*Night*), Sweat.—(*Open air*), Lachrymation.—(*After dinner*), Headache.—(*During and after eating*), Heat, etc.—(*Lying*), Symptoms of coryza.—(*Sitting with back to sun*), Shuddering.

Amelioration.—(*From motion in open air*), Some relief.—(*From inspiring sulphuretted hydrogen gas*), Great relief.

CHROMICUM ACIDUM.

Chromium trioxide, CrO₃,H₂O.

Preparation, Solution of seven grains in 100 drops of water for the 8 (Duffield's provings).

Authorities. 1, Henry Duffield's provings, Inaug. Thesis at Phil. Hom. Med. Coll., 1852, proving with the 5th dil. (first, second, and third days), three doses daily; 2, *Ibid.*, proving with 6th dil., three doses daily for four days; 3, *Ibid.*, proving with 30th dil., two doses daily for four days; 4, *Ibid.* (a second prover), proving with 7th dil., two doses daily for four days; 5, *Ibid.*, proving with 30th dil., two or three doses daily for four or five days; 6, Dr. G. Oehme, provings on self with low dilutions (symptoms appeared only after long-continued and repeated dosing), N. Y. J. of Hom., 1, 367.

Mind.—Great confusion of mind,³.—Memory affected to such a degree that he was at a loss, when writing, to make several of the letters of the alphabet,³.

Head.—Sensation of vertigo, which inclined him constantly to the right side, while walking, at 10 A.M.,³.—Sensation of lightness of the head, like vertigo, with heat in face, at 10 P.M.,¹.—Pain from ball of right eye up into the interior of the brain, with soreness of the orb to the touch, at 12 M. (fourth day),³.—Feeling of fulness in head (fourth day),².—Fulness of head, at night, with peculiar sensation of lightness at the heart, and vertigo when descending stairs (fourth day),².—Throbbing and sensation of vertigo in forehead of head, and of emptiness in chest, with soreness on pressure, and cold feet (fifth day),².—Awoke, at 5 A.M., with sensation of fulness in vertex and frontal region,³.—[10.] Heavy pain along coronal suture, extending backward, occupying all the parietal portion of the head, at 10 A.M., lasting six hours; the same pain, lasting the same time, on two succeeding days,⁵.

Eye.—Dull pain over left eye, as if headache would set in,¹.—Eyes sore, and feel heavy as if inflamed (fifth day),².—Throbbing, pulsative sensation from region of heart to left eye and left side of head, with general feeling of fulness in frontal region, at 10 A.M.,¹.—Diminished vision,⁶.

Ear.—Occasional sensation in right ear as if water was in it; it appears and disappears suddenly,⁶.

Nose.—Sensation during the eating of the food, which tastes well and natural, as if the exhaled air smelt putrid, almost causing nausea. He

smells several times of the food, thinking that the steuch might proceed from that,⁶.

Face.—Lips dry and disposed to chap,³.

Mouth.—Teeth. Sudden violent pain in the night, in several undecayed teeth on left side, especially in the lower jaw; while the pain lasts the corresponding arteries beat more violently,⁶.—Toothache in the left lower jaw, for a short time, in the morning, after the usual rinsing of the mouth with cold water,⁶.—[20.] Repeated toothache of short duration, especially in the lower jaw, on the right side. During the attacks, the corresponding artery beats more violently than on the other side,⁶.—Soon after going to bed (10 o'clock P.M.), two attacks of very violent toothache on right side; each attack lasted about ten or fifteen minutes, with a free interval of several minutes. During the second attack, the painful teeth seemed too long; the pain extended into the forehead; a pain between the head, left shoulder-blade, and shoulder, grew much better. During the pain, he was frequently obliged to change his position. After the second attack, such uneasiness in limbs that he was obliged to get up and walk about. The teeth of the right side felt too long, even the next morning, and cold water produced pain,⁶.—**Taste.** A swallow of diluted Madeira tastes singularly disagreeable,⁶.

Throat.—Accumulation of tough mucus in throat, with constant inclination to swallow it, as it could not be easily hawked up,².—White phlegm in throat, causing hawking, especially in morning,⁶.

Stomach.—No appetite for breakfast,³.—Qualmishness of the stomach, at 2 P.M., after dinner, lasting two hours,⁵.—Nausea, transient, at different times, especially when the stomach is empty,⁵.—Nausea, gradually increasing, with sensation as if a stool would follow, half an hour after a simple supper,⁶.—Vomiting of food several times, and afterwards, three times, of bile, with much retching, at intervals of five or ten minutes, accompanied by warm perspiration and natural heat. Quick walking about relieves the nausea which precedes each vomiting. Between the attacks of vomiting, a kind of pressure and fulness in stomach, so that he is obliged to loosen his clothes. Soon after the last vomiting, sleep for half an hour, after which slight pressure or heaviness in stomach (after a few drops of 1st dec. dil., shortly before supper),⁶.

Abdomen.—[30.] Slightly acute pains in left hypochondria,¹.—Uneasiness in bowels before rising in morning, similar to the premonitory symptoms of diarrhœa, which passed away on rising,⁵.—Pain in colon on waking in the morning, accompanied with rumbling of wind, which passed off on rising (second day),⁵.—Awakened at 4 A.M. by a feeling of uneasiness in the lower part of the abdomen, which was very sore to the touch, especially along the course of the colon, accompanied with nausea and frequent eructations and retchings, throwing off white mucus,³.—Severe sharp pain in the hypogastric region and along the ascending colon, at 6 A.M., which became very severe and cutting and lasted half an hour, when he was relieved by a profuse diarrhœa which lasted three hours; then the symptoms all ceased, and headache, the same as the day before, set in, followed by the same sickness of the stomach, both of which lasted until 4 P.M., as before,⁵.

Rectum and Anus.—Piles, internal and bleeding (third day),².—Very painful external piles on left side of anus (second day),².—Hæmorrhoidal discharge from the anus during stool, at 8 A.M.,².—Copious hæmorrhoidal discharge during stool, at 8 A.M.,³.—Pretty copious hæmorrhoidal

discharge from the anus during stool, with weakness in the small of the back, at 8 A.M.,².

Stool.—[40.] Watery diarrhoea, with nausea and dizziness (in a girl of 14 years),⁶.—Diarrhoeic discharge from bowels at 8 A.M., after which pulse rose to 75,².—Small stool of mucus and knotty faeces at 8.30 P.M.,³.

Urinary Organs.—Attack of strangury on waking in morning, after dreaming of it at night, and from which he did not get relief for nearly two hours (fifth day),².

Chest.—Weakness in chest,³.—Stricture in chest in region of the heart at 10 A.M. (fourth day),³.—Sensation of rawness or soreness in chest, with slight, dry, hacking cough (fourth day),².—Throbbing pulsation through chest at 12 M. (fourth day),³.—Slight pain and throbbing pulsation in left lung (fifth day),².

Heart and Pulse.—Sudden violent stitch in region of heart; the pain disappeared only gradually, after several minutes,⁶.—[50.] Pulse full and a little accelerated,¹.—Pulse 84 at 4 P.M. (fifth day),².—Pulse 82 at 10 A.M. (fourth day),³.—Pulse 80 at 7.30 A.M.; 76 at 3 P.M. (second day),³.—Pulse 75 at 4 P.M.,³.—Pulse 72 at 8 A.M. (fifth day),².—Pulse 70 at 8 A.M.,³.—Pulse 70 all day,³.—Pulse 68 at 3 P.M. (fourth day),³.—Pulse 64 at 7 A.M.,².—[60.] Pulse 64 at 9 P.M.,².—Pulse 62 at 10 A.M. (normal pulse 55),².—Pulse 58 at 12 M. (fourth day),³.—Pulse slower,³.—Pulse below standard,⁴.—Pulse 58 (normal pulse 64),³.—Pulse 56 at 10 A.M.,².—Pulse 56 at 12 M.,².—Pulse 52 at 4 A.M.,³.—Pulse 48 at 7 A.M.,².—[70.] Very remarkable irregularity of pulse; on some days, in a single hour, the variation would be from 60 to 84, the pulsations scarcely ever being the same in two successive hours,³.—Pulse 48 at 7 A.M.; 64 at 3 P.M. (second day),².

Neck and Back.—Stiffness of the muscles on left side of back of neck at 10 A.M. (fourth day),³.—An apparently deep-seated pain for almost three weeks, with stiffness, at times more severe, at times less, in left shoulder-blade and left part of back of neck, up to occiput; for several days it was so violent that the slightest motion of the affected part was very painful; at night even sleep was impaired, as only certain positions were endurable; the rising from a lying position caused much pain, and turning the head to the left or backward was impossible; the pains were least felt when standing and walking; at times the pain extended into the left olecranon, to the muscles on the chest below left shoulder and spina; all muscles connected with the shoulder-blade were more or less affected and painful to touch; the least draft of air increased the pain; the use of the left arm was impeded; in drawing a long breath, a stitch in the upper left part of chest, near the shoulder; coughing caused very violent pain over the whole upper left part of chest, and deep coughing was impossible; pressure on the chest; the pain moved from the left shoulder-blade down to the pelvis, and the lumbar region was sensitive,⁶.—Pain in the lumbar region at 9 P.M.,².—A sharp shooting pain from the lumbar vertebrae to the crest of the ilium of right side, while sitting, at 6 P.M.,³.—Weakness and pain in small of back at 4 P.M.,³.—Shooting pain from small of back into left hip-bone at 3 P.M. (fourth day),³.

Superior Extremities.—The arms fall asleep easily,⁶.—Dull aching pain on top of left shoulder, as if from great fatigue, which lasted two hours, at 10 A.M.,².—[80.] Several times, a short-lasting growing pain, with lameness, in the middle of the left brachium, in front, as if from a

severe blow,⁶.—Short-lasting slight pain in right elbow,⁶.—Transient pain in left elbow,⁶.

Inferior Extremities.—A kind of hitching in left knee-joint when walking,³.—Weakness and knocking of left knee-joint when walking, at 8 P.M.,³.—Rheumatic feeling in right knee-joint, afternoon and evening (third day),³.—Sensation of paralysis in right leg, from knee down (at 10 A.M.),².

General Symptoms.—Tiredness and weakness,⁶.—Heavy, dull, stupid,⁶.—The pains are worse and last longer on the left side than on the right,⁶.

Skin.—[90.] Disagreeable prickling and itching here and there, mostly in evening, with uneasiness in the limbs, so that he was obliged to get up from sitting or lying and walk about,⁶.

Sleep and Dreams.—Sleepiness. Excessively sleepy an hour before usual bedtime,³.—Notwithstanding the good sleep at night, great sleepiness in daytime, but if he lies down for a nap, cannot fall asleep,⁶.—

Sleeplessness. Late going to sleep, with restlessness during night and anxious dreams,¹.—Restless night, with sensation of swelling of the eye-balls, which continued till after he awoke; they felt as if much enlarged (second day),³.—Wakes up at early dawn, and cannot fall asleep again, although still sleepy and not excited,⁶.—Awoke at 5 A.M., very restless; could not lie quiet five minutes at a time,⁵.—**Dreams.** Unpleasant dreams at night, which cannot be remembered (second day),³.—Distressing dreams at night; about to be put to death by poison, and at the same time innocent of crime,².—Many dreams at night; dreams of crossing a stream on horseback; the stream and the water on him freezes,⁴.—[100.] Dreamed at night that he had an attack of strangury, which on awaking in morning proved to be the case, and from which he did not get relief for nearly two hours (fifth day),².

Fever.—General coldness all over,⁴.—Could not get warm for nearly a week after finishing medicine,⁵.—Sensation of coldness in back of neck at 10 A.M. (third day),³.—Feet cold (naturally, burning hot), (fourth day),².—Cold feet, even when walking, at 12 M. (fourth day),³.

Conditions.—Aggravation.—(*Morning*), After rinsing mouth with cold water, toothache; phlegm in throat; before rising, uneasiness in bowels; on waking, pain in colon; uneasiness in lower abdomen; pain in hypogastric region; on waking, attack of strangury.—(*Forenoon*, at 10 o'clock), Pain along coronal suture; sensation from heart to eye, etc.; stricture in chest; stiffness of muscles of neck; sensation in leg; cold sensation in back of neck.—(*Noon*), Pain into brain, etc.; pulsation through chest; cold feet.—(*Afternoon*), At 2 o'clock, after dinner, qualmishness; at 6 o'clock, pain from lumbar region to crest of ilium; weakness, etc., in small of back.—(*Evening*), Prickling, etc.—(*Afternoon and evening*), Feeling in knee-joint.—(*Night*), Fulness of head, etc.; pain in teeth; at 10 o'clock, toothache, etc.—(*Draft of air*), Causes or increases the pains; pain in shoulder-blade, etc.—(*Cold water*), Causes or increases the pains.—(*While walking*), Sensation of vertigo; weakness, etc., of knee-joint.

Amelioration.—(*Standing*), Pains in shoulder-blade, etc.—(*Walking*), Pains in shoulder-blade, etc.—(*Quick walking*), Causes relief; nausea.

CHROMIUM OXIDATUM.

Chromium sesquioxide (Chromic oxide); Cr_2O_3 .

Preparation, Triturations.

Authorities. Drysdale's provings, Hahn. Mat. Med., Part I, effects of 1st dec. trit. thrice daily for twenty days, afterwards the 1st cent. trit. four times daily.

Head.—Dull confusion in head, in forenoon.—Shooting pains in the left temple.

Eye.—Feeling of dryness and uneasiness in right eye and right nostril.—**Brow.** Pain, dull, pressive, over right eye.—**Lid.** Smarting in the eyelids, in the evening.—Smarting and heaviness in the eyelids, in the evening.—**Ball.** Sort of sudden jerk of both eyeballs for a second.—Cutting pain across left eyeball, with flow of tears, in morning, in bed.—Several sharp cutting pains across the left eyeball, at night, in bed.

Ear.—[10.] Sudden jerking pains in left ear.

Nose.—Fetid, musty smell in the posterior nares, after breakfast and dinner, chiefly perceived in expiration.

Face.—Quivering of lower lip.

Mouth.—**Tongue.** Pricking in the tongue.—Almost daily, pricking in the tongue at various times.—**Taste.** Bad taste in morning.—Metallic taste in mouth before dinner.

Stomach.—**Appetite.** Unusual hunger in middle of day.—**Nausea.** Sudden inclination to vomit in morning, while dressing, with flow of water in mouth and dull pressure in stomach.—**Stomach.** Pinching pain in epigastrium.—[20.] Frequent aching and shooting pains at the epigastrium.

Abdomen.—**Objective.** Flatulenc.—Flatulence and rumbling in abdomen.—Frequent passing of flatus for several days.—**Subjective.** Violent disagreeable pain, like flatulence, in the right side from lumbar region round to cæcum, in the evening, brought on by any movement of the trunk or by deep inspiration, not felt in sitting or lying still; next morning, in bed, the same pain still felt very troublesome, rather better on getting up; next day but one it seems to arise in a spot which is tender to pressure, about an inch to the right of the middle lumbar spine.

Rectum and Anus.—Fulness about rectum, and difficult evacuation of a soft scanty stool.—Fulness and slight shooting pains about the anus in morning and forenoon.—Sudden and pressing desire to stool, with scanty, thin, lumpy evacuations, after tea.

Chest.—Deepseated pain in the back of the left side of chest and in the corresponding place in front, with a feeling on deep inspiration as if the root of the lung could not expand and was painful.—A severe boring pain, in the night, in left side of chest, below axilla, about the fourth rib, not increased by motion or respiration, going off on turning to the right side.—[30.] A sort of clucking, painful sensation on deep inspiration, when lying on the heart.

Heart and Pulse.—Pain in region of heart, in evening, in bed, a fine, drawing, nervous pain, at times reaching through the chest to the shoulder and neck.—Fixed pressive pain at apex of heart.

Neck and Back.—**Neck.** Two successive mornings, heavy muscular pains in neck and shoulders and various parts of the trunk; soon went off,

and only slightly felt in the back during the day.—**Back.** Pains in the back.—**Dorsal.** Pains in left scapula.—Dull pain at inner angle of left scapula, in the evening.—Drawing pains in left scapula occasionally throughout the day, but most in morning.—Superficial burning pains about the middle dorsal spines.—**Lumbar.** Lumbar pain most felt in morning in bed.

Superior Extremities.—[40.] Rheumatic pains about the right shoulder and various parts of the back.—Transitory undefiend pains in the elbows, in the morning.—Frequent dull deepseated pains in the hands and fingers.

Inferior Extremities.—Dull, bruised, fatigued feeling in the legs for several days, especially above the knees, with some pain on firm pressure.—**Thigh.** A severe quivering-boring deepseated pain in the inner side of the thighs, chiefly the left, in bed.—**Knee.** Pains in the knee.—**Foot.** Sharp drawing pain in the bones and ligaments of the right foot.—Occasional indistinct pains, like a strain, about the feet and ankles.—Shooting-drawing pains about the balls of the feet.—Itching and drawing pains in the balls of the feet, at the roots of the toes, painful on treading on the ground.—**Toes.** [50.] Burning and itching in the toes, like chilblains (to which he is not subject).

General Symptoms.—Transitory pain in various parts.—Awoke early, with pains suddenly shifting to various parts of the trunk; dull pain at one time at the inferior edges of the scapulæ, then pressive in the right hypochondrium, at the edge of the false ribs, then in the region of the bladder.—Uneasiness, stiffness, and dull pain in the muscles in the morning, chiefly in shoulder-blades and back of neck, also between shoulders and in hips, coming occasionally during the day till evening.

Skin.—Pricking in the skin in various parts in the evening.—Pricking-itching in various parts.—Itching and smarting round the eyes, especially the inner canthi.—Itching and irritation of skin around eyes and cheek-bones in evening.—Itching in armpits at night.—Itching in palm of right hand in morning.—[60.] Itching in feet, toes, and various parts in the evening.

Sleep and Dreams.—Had a dream, in morning, with pain under apex of heart, and awoke with that pain.—Vivid dreams.

Fever.—Cold feeling in a small spot in the meatus of the left ear.

Conditions.—Aggravation.—(*Morning*), Symptoms generally; in bed, pain across eyeball, etc.; bad taste; while dressing, inclination to vomit, etc.; pain in neck, etc.; pain in scapula; in bed, lumbar pains; pains in elbows; early, shifting pain; uneasiness, etc.; itching in palm.—(*Forenoon*), Confusion in head.—(*Evening*), Smarting, etc., in eyelids; pain in side; in bed, pain in region of heart; pain at angle of scapula; pricking in skin; itching, etc., around eyes; itching in feet, etc.—(*Night*), In bed, pains across eyeball; pain in side; itching in arm.—(*In bed*), Feeling in legs.—(*After breakfast and dinner*), Chiefly perceived in expiration, smell in posterior nares.—(*Before dinner*), Taste in mouth.—(*On deep inspiration*), When lying on heart, clucking sensation.

Amelioration.—(*Getting up*), Pain in side.—(*On turning to right side*), Pain in left side goes off.

CICUTA MACULATA.

Cicuta maculata, Linn. *Nat. order*, Umbelliferæ.

Common names, Water hemlock, spotted cowbane, beaver poison, musquash.

Preparation, Tincture of the root gathered in summer.

Authorities. 1, Charles A. Lee, poisoning of two boys from eating the root, *Journ. of Mat. Med.*, May, 1871 (*Am. Obs.*, 8, 412); 2, *Montreal Med. Gaz.*, 1844, Hempel's *Mat. Med.*, 2, 183, eating the root; 3, *N. E. Med. Gaz.*, 7, 219, eating the root.

Mind.—Fell on their way, and were picked up unconscious (after one hour),¹.

Head.—Dizziness (after one hour),¹.

Eye.—Eyes wild and staring,¹.—Pupils dilated to the utmost extent,¹.

Face.—Face very livid, and even purple, from congestion,¹.—Whole face puffed and bloated, resembling the appearance of the head of a person who has been drowned (two cases), (after two hours),².—Jaws rigidly fixed (two cases), (after two hours),².

Mouth.—Bloody froth issued from mouth and nose,¹.

Stomach.—Extreme nausea (after half an hour),².—Sickness of stomach (after one hour),¹.—Vomiting (one case),².—Vomited a frothy, glairy fluid,¹.—Puked, and brought up a teacupful of masticated root,³.—Burning pain at epigastrium (after half an hour),².

Abdomen.—Pain in bowels,³.—Colicky pains in bowels (after half an hour),².

Rectum and Anus.—Felt as if he had a call to a dejection, but on going to stool he could do nothing,³.

Respiratory Organs.—Stertorous breathing (two cases), (after two hours),².

Heart and Pulse.—Pulse intermitting, sometimes imperceptible (two cases), (after two hours),².—Scarcely any pulse perceptible,¹.

General Symptoms.—Violent spasms (after one hour),¹.—Every muscle of the body affected with powerful clonic spasms, contracting and then partially relaxing with wonderful rapidity; his movements required four strong men to control; no cessation to the spasms,¹.—Tetanic convulsions (two cases), (after two hours),².—Fell backwards in convulsions, which with various remissions and exacerbations continued till he died; they consisted of tremors, violent contractions and distortions, with alternate and imperfect relaxations of the whole muscular system, astonishing mobility of the eyeballs and eyelashes, with widely dilated pupils, stridor dentium, trismus, frothing at mouth and nose, mixed with blood, and occasionally violent and genuine epilepsy; the convulsive agitations were so powerful and incessant that I could not examine his pulse with sufficient constancy to ascertain its character,³.

Sleep and Dreams.—Complete coma (two cases), (after two hours),².

Fever.—Head hot,¹.—Profuse sweat,³.—Body covered with sweat,¹.

CICUTA VIROSA.

Cicuta virosa, Linn. (“*Cicuta aquatica*” is *Phellandrium aquaticum*.)

Nat. order, Umbelliferæ. *Common names*, Water Hemlock, Cowbane; (G.) Wasserschiebling, Wütherich; (Fr.) La cigue vireuse.

Preparation. Tincture of the fresh root, collected when the plant begins to flower (Hahnemann).

Authorities. 1, Hahnemann, R. A. M. L., 6, 263; 2, F. H—n, *ibid.*; 3, Horuburg, *ibid.*; 4, Langhammer, *ibid.*; 5, Allen, Synopsis, poisoning, *ibid.*; 6, Bresl. Samml., 1729, poisoning, *ibid.*; 7, Wepfer, de cicuta aquatica, *ibid.*, with additions from Wibmer's details of the cases of poisoning; 8, Lembke, proving with repeated doses of 10 to 200 drops of tincture, A. H. Z., 51, 109; 9, Tragus, effects of an infusion of root in a woman, Wibmer; 10, Scaliger, effects of eating root, Wibmer; 11, Reimann, *ibid.*; 12, Gäritz, two girls, aged 4 and 6, ate the root, *ibid.*; 13, Box, in Schwenke, from Wibmer; 14, Blom, a man ate the root, *ibid.*; 15, Ettinger, effects of eating the root, *ibid.*; 16, Trew, *ibid.*; 17, Bennewitz, child ate the root, Frank's Magazine, 1, 39; 18, Meyer, *ibid.*; 19, Allihn, Hartlaub and Trinks, R. A. M. L., 3, 359, poisoning; 20, Velten, seven children ate the root, Casp. Woch., 1840, No. 19; 21, Schleiser, a girl ate the plant, Hempel's Mat. Med., 2, 183; 22, Willson, effects of eating root, Lancet, Sept. 1871; 23, Lenden, three boys ate the root, B. and F. Med.-Chir. Rev., April, 1866; 24, a student took 15 grammes of root in half an hour, Schmidt's Jahrb., 1; 25, L'Art Med., 20, 460, case of poisoning by an omelette containing Cicuta.

Mind.—Emotional. *Aberration of mind, singing, performing the most grotesque dancing-steps, shouting,²⁵.—Delirium,^{9 10 22}; (in two hours),²⁴.—Delirium; after an unusual sleep heat of the body; she sprang out of bed, danced, laughed, and did all sorts of foolish things, drank much wine, jumped about, clapped her hands, and grew very red in the face; the whole night,⁷.—Intoxication,⁹.—Feels as if intoxicated, while sitting, standing, and walking (after five minutes),².—Drunkness,⁵.—Drunkness, reeling,⁶.—*Excited, with apprehension concerning the future; everything which could befall him seemed to be dangerous,¹.—He did not believe that he was living under ordinary relations; everything seemed strange and almost fearful to him; it seemed as though he had awakened from an acute fever and saw all kinds of visions, though without physical sick feeling,¹.—[10.] It seemed as though he was a child of 7 or 8 years, as if objects were very lovely and attractive to him, as toys to a child,¹.—Likes to be alone and is disinclined to speak, with diminished power of comprehension,⁸.—Laughing and biting,¹².—*Weeping, moaning, and howling,⁵.—Lively mood, inclined to work, with a feeling of lightness on walking or making any other muscular exertion,⁸.—Quiet disposition; he was exceedingly contented with his condition and with himself, and was very happy,⁴.†—Sadness for several days,⁶.†—When others were lively he was sad,¹.—(Gloominess for two days after the headache),¹.—Dejection (second day),¹⁹.—[20.] Anxiety,⁷.—Anxiety; he is excessively affected by sad stories,⁶.†—(Anxiety, sweat on the face, and trembling of the hands about noon; a feeling at the heart, in the middle of the chest, as if he would become faint),¹.—*He thought of the future, with anxiety, and was constantly sad,¹.—Great fearfulness; she feels stitches in the left side of the head, from fright, on every opening of the door, and every word, though not spoken aloud,².—He believed he would die,²².—Contempt and scorn for mankind; he avoided them, abhorred their follies excessively, and his disposition seemed to tend towards misanthropy; he withdrew himself into solitude,⁴.—Want of confidence in mankind, with misanthropy; he forsook society, remained alone and reflected

† Curative action.—HAHNEMANN.

‡ Not found.—HUGHES.

upon their errors and about himself,⁴.—Suspicious,¹.—He was indifferent to everything, and began to doubt whether he was really in the condition in which he found himself.¹.—[30.] Insensibility,¹⁴.—*Intellectual*. Weakness of mind,¹⁹.—**Mental torpor*,²⁵.—**Dull and stupid* (after ten minutes),².—Disinclined to work, morose, ill-humored,⁸.—*Loss of ideas; loss of sensation*,^{5 6}.—Confusion of ideas, and rapid change of thought from one to another subject,⁸.—He confuses present events with the past,¹.—Stupor,¹⁸.—*Stupefaction*,^{15 17}.—[40.] *Loss of consciousness*,¹⁶.—Loss of consciousness, and delirium,¹⁵.—Complete loss of consciousness,¹⁸.—**Became insensible, and convulsed generally*.²³.—Quite insensible,²¹.

Head.—Confusion and Vertigo. Confusion of the head, in the morning after rising,¹.—Confusion of the forehead,⁸.—More or less confusion of the forehead,⁸.—Stupefaction and heaviness of the head (after seventy-four hours),⁴.—**Vertigo*,^{7 18}; (second day),¹⁹; (soon after),^{20 22}.—[50.] Vertigo, while walking, as if he would fall forward to the left (after seventy-two hours),⁴.—*Vertigo, reeling*,⁶.†—*Vertigo; he fell to the earth*,⁵.—Giddiness (after half an hour),²².—Fell down from giddiness,²⁰.—Dizzy,⁷.—Reeling,¹².—Reeling, so that she believes she would fall (after six hours),².—Reeling and tottering, while walking (after eighty-two hours),⁴.—*General Head*. **Jerking and twitching of the head*,².—[60.] Head bent backward (a kind of opisthotonos),⁶.—If she is allowed to sit quietly a long time her head gradually sinks down, while her eyes remain staring at the same point, so that when the head has sunk low down the pupils lie almost under the upper lid; when she has ceased with a kind of internal jerk, whereby she suddenly returns to consciousness for a short time, she again falls into a similar insensible condition, wherefrom she is aroused from time to time by an internal shivering, which seems to her like a chill,².—Dulness in the head, with a shaking chill; with stiffness of the neck, and sensation as if the muscles were too short,².—Anxiety in the head,².—Strange feeling in head,²⁴.—Heaviness in the head, while sitting,³.—Heaviness of the head and chest,⁷.—On stooping, it seems as though the head would fall forward (after eighty hours),⁴.—Headache,¹².—Head feels too full and heavy,⁸.—[70.] Compressive headache from both sides,³.—Headache, in the morning on waking, as if the brain were loose, and shaking on walking; when he thought how the pain should be described it had disappeared,¹.—(Violent headache for two days, followed by a sick feeling in the abdomen, a sticking which extends from the nose and the right eye to the occiput), (after fifteen days),¹.—Pressure deep in the brain in various places,⁸.—Sticking headache,⁷.—The headache is relieved by passage of flatus,¹.—The headache disappears while sitting upright,¹.—*Forehead*. Heaviness in the forehead,⁸.—Heaviness and heat in the forehead,⁸.—Heaviness and pain in the forehead,⁸.—[80.] Heaviness in the forehead, with pressure deep in the brain,⁸.—Pain, with fulness in the forehead and right temple, afterwards in the left,⁸.—Pressure in the forehead,⁸.—Pressure in the left frontal bone,³.—Pressive pain beneath the left frontal eminence,⁸.—Pressure in the forehead and in the muscles of the left upper arm,⁸.—Pressive pain beneath the bones in various places in the forehead,⁸.—*Pressive, stupefying headache, external in the forehead, more during rest* (after one and thirty-six hours),⁴.—Sticking pain in the frontal bone,³.—Tearing pain beneath the bones in the upper part of the forehead, extending to the vertex,⁸.—[90.] Pulsation in forehead, with beat and violent action of the heart,⁸.—Hammering pain

† Not found.—HUGHES.

in the forehead from morning till evening (after two hours),².—**Temples.** Strong pulsation of the temporal arteries, perceptible to the finger,⁸.—Painful pressure in the right temple, between the skin and bones,⁸.—Tearing in the left temple,⁸.—**Vertex.** Pressure on the vertex beneath the bones,⁸.—**Parietals.** One-sided headache, like a pressure, rather external,¹.—Repeated pressure beneath the bones of the left side of the head,⁸.—Tearing beneath the bones of the head on the right side,⁸.—Tearing in the bones of the head of the left side, with internal pulsation and confusion deep in the brain,⁸.—[100.] Tearing pain through the left side of the brain, more towards the top of the skull, extending from before backwards,⁸.—**Occiput.** Heaviness in the occiput,⁸.—Heaviness deep in the occiput,⁸.—**Severe headache in the occiput*, like a dull pressure, and as with some coryza (after forty-eight hours),¹.—Tearing in the bones in the right side of the occiput,⁸.—**External.** Profuse eruption on the scalp and face,².—Crawling, as from ants, in the forehead (after two minutes),².

Eye.—Objective. Eyes prominent,⁷.—Eyes protruding from the head,⁸.†—Staring look,⁸.†—[110.] Staring look, almost without winking; it seems as though a gray fog were before the eyes,⁸.—Staring look at one and the same point, whereby everything looks like black cloth (after six minutes),².—**Staring* (after quarter of an hour); *she stares with unaltered look at one and the same place, and cannot help it*, although she wishes to do so very much, wherewith she has not entire control of her senses, and must be very much excited to answer correctly; she makes a visible effort by turning the head to abandon objects with her eyes, but by so doing she loses her consciousness, and everything becomes black before her eyes,².—**Subjective.** **Very much inclined to stare at objects*,⁸.—Slight pressure in the eyes on reading,⁸.—**Brow and Orbit.** Twitching of the orbicularis beneath the lower lid,¹.—Pressive pain beneath the left brow, in the bones; it then extends towards the temple and left zygoma,⁸.—Drawing stitches in the eyebrows (after twelve hours),⁴.—**Lids.** Pressure upon the lids,⁸.—Pressure in the right inner canthus, so that he was obliged to close the eyes and press them together, in order to relieve it,³.—[120.] Sticking in the left lids,⁸.—Stitches in the eyelids,⁸.—Tearing in the eyelids,⁸.—**Pupil.** Pupils dilated soon after taking,⁸.—**Pupils dilated and fixed*,²¹.—**Pupils dilated and insensible*,¹⁸.—*Pupils much dilated*,⁸.—Pupils very large,⁸.—Pupils contracted,⁸.—**Pupils sometimes contracted, sometimes dilated*,⁸.—[130.] **Pupils at first contracted* (after one hour and a half to two hours and a half), *afterwards much dilated* (after eight to nine hours),⁴.—Pupils at first excessively contracted, soon afterwards excessively dilated,³.—Pupils small; pressure in the eyes, with sensitiveness to light (in very foggy weather), with at times bright gray spots before the eyes,⁸.—**Vision.** **Eyes sensitive to light*,²⁴.—Eyes sensitive to daylight,⁸.—Everything seems very distinct and brighter than usual; with small pupils,⁸.—When she fixes her gaze upon an object she does not see it distinctly; everything runs together as after looking too long at one and the same object; when, as we say, the eyes give out,².—Obscuration of vision,⁷.—Black points obscure the vision while reading,⁸.—The white snow is blinding, and on looking away from it to a dark wall, a gray curtain seems to cover the left portion of the vision,⁸.—[140.] All objects seem to move to and fro, from one side to another, although everything has its proper form (after ten minutes),².—She believes she is wavering to one side or the other, or that

objects about her are moving to and fro; it seems as though nothing stood still, but everything was moving from side to side, like a pendulum,².—All objects seem to move in a circle, especially while he is sitting, lasting several hours (after two hours),².—She thinks she is obliged to remain or sit very still, because she sees nothing steady or firm before her, and she also thinks that she herself wavers; everything blinds her (after fifteen minutes),².—**When she attempts to stand, she wishes to hold on to something, because objects seem now to come nearer, and now to recede from her*,².—**At one time objects seem double, and of a black color; at another time she hears with difficulty*,².—Bright spots before the eyes, at times,⁸.—Bright points and stripes before the vision,⁸.—A bright point seemed to float before the right eyes, mingled with dark streaks and specks,⁸.

Ear. Flow of blood from the ears,⁶.—[150.] Sore pain behind the left ear,³.—Sore sensation behind the left ear, as after a bruise or blow,³.—Pain behind the right ear, such as would remain from a bruise or blow,³.—

Hearing. **She does not hear well unless one speaks loudly to her, and she pays attention*,².—Cracking in the right ear, on swallowing,².—Violent ringing in the left ear,³.—Roaring in the ears,¹⁸.—Roaring in both ears, worse in the room than in the open air,².

Nose.—Very frequent sneezing, without coryza (after twenty-nine hours),⁴.—Nose stopped,⁸.—[160.] Stoppage of the nose,⁸.—Stoppage of the nose, together with profuse secretion of mucus in it,¹.—Yellow discharge from the nose,¹.—Discharge of bright-red blood from the right nostril (three teaspoonfuls),⁸.—Slight touching of the nose renewed the bleeding from the right nostril,⁸.—Dryness in both nostrils, as if they were stopped, without any mechanical hindrance,⁸.—The right wing of the nose pains, as if sore, as after a blow or bruise,³.

Face.—Objective. Anxious expression,²².—Redness of the face,⁶, †—**Face red*,²².—[170.] **With the spasms, the face became dark-red, lips blue, with bloody froth from the mouth*,¹⁷.—Flushed countenance,²².—**Cadaverous paleness* (two children),¹⁹.—**Face pallid*,²¹.—**Face pale and drawn*,¹⁸.—Face puffy,⁷.—Face (and throat) swollen,⁶, ‡—Muscular movements of the face (in a boy of fourteen),¹⁹.—**Checks.** Pressure beneath the right malar bone,⁸.—**Lower Jaw.** Gnashing of the teeth,⁶.—[180.] **Teeth clenched, lockjaw*,⁶.—*Lockjaw*,⁶.—Firmly closed mouth, with froth from it,¹⁹.

Mouth.—Teeth. Toothache in the nerves of the lower row of teeth,³.—**Tongue.** **A whitish sore (sore place) on the margin of the tongue, very painful to touch*,².—**General Mouth.** Sensation of dryness in the mouth,².—**Saliva.** Much salivation,⁸.—Frothing at the mouth,⁷.—Froth in the mouth,⁶, ‡—Mouth full of froth,⁶, §—[190.] Water, tinged with blood, flowed involuntarily from his mouth,²³.—**Speech.** Tried to speak, but could not move the tongue,¹⁵.—While speaking a few words, he can articulate the first five or six words without hesitation, but while speaking the rest of the words he is seized by slight jerking of the head backward, even noticed by others, sometimes also the arms jerk, so that he seems compelled to draw backward and swallow a syllable, and to articulate almost as in hiccough,².—Completely dumb,¹².

Throat.—*Dryness of the throat*,⁷ §¹².—Dryness and scraping in the throat,⁸.—Great dryness of the throat (after half an hour),²².—Fine stitches in the throat,⁸.—Sensation in the throat and chest, as if something as large

† With S. 450.—HUGHES.

‡ Not found.—HUGHES.

§ Post-mortem.—HUGHES.

as the fist were lodged there, and were pressing the throat asunder, impeding respiration, worse while sitting than while walking,².—The throat seems grown together internally, and is painful externally, as if bruised, on moving or taking hold of it, becoming worse for several hours, with eructations from noon till evening,².—*Swallowing*. [200.] *Unable to swallow,⁶.—Entire loss of power of swallowing,²¹.

Stomach.—*Appetite*. Constant hunger and appetite, even if he had just eaten,².—Appetite for eating at noon, but the appetite disappeared with the first mouthful,¹.—*Great longing for coal; he swallowed it,⁶.†—Loss of appetite on account of a dry sensation in the mouth; food has not a bad, but still not its complete, taste,¹.—Does not relish his breakfast; it filled up his abdomen, as if he had eaten too much,¹.—*Thirst*. *Thirst,^{7 12}.—Great thirst for cold water in the afternoon,⁶.—Great thirst (with the cramps),⁶.†—*Eructations and Hiccough*. [210.] He raises, as by eructations, a very bitter yellow fluid, while stooping in the open air; it rises from the stomach to the mouth, and causes a burning in the throat, the whole forenoon,².—*Hiccough,^{3 6 7}.—Frequent hiccough,⁷.—Loud sounding hiccough,⁶.†—*Nausea and Vomiting*. Nausea,¹⁹; (after half an hour),³.—Nausea in the morning, with sticking-tearing headache,².—Nausea, while eating,².—Nausea, with stitches in the forehead, the whole day,².—Vomiting,^{5 11 13 18 23 24}.—Vomiting, without relief of the lockjaw,⁶.—[220.] Copious vomiting,¹⁷.—Difficult vomiting, followed by relief,⁷.—Vomiting of blood,^{7 16}.—*Stomach*. Gastritis,¹³.—Anxiety at the pit of the stomach,⁶.†—Sensation of waterbrash rising up from the stomach; is qualmish and hot all over, and accumulation of saliva rises from the stomach to the mouth (after nine and thirteen hours),⁴.—*Burning in the stomach,⁷.—Sensation as of hot water in the stomach,⁸.—Tightness in the pit of the stomach and anxiety, for eight days,¹.—Pressure in the pit of the stomach immediately after eating, which compelled her to take a deep breath, with inclination to eructations,¹.—[230.] *Burning pressure in the stomach*,³.—Sticking pain and burning in the pit of the stomach,⁶.—Sudden tearing in the epigastric region,⁸.—Scraping sensation in the stomach,³.—Burning-scraping sensation, extending from the throat into the epigastric region,³.—*Throbbing in the pit of the stomach, which was raised up, of the size of the fist*,⁶.—Unusual throbbing in the pit of the stomach,⁶.†—Shock in the region of the pit of the stomach, as with the finger, immediately spreads, and then only he becomes collected and returns to his senses,².

Abdomen.—*Objective*. Abdomen distended,²¹.—Abdomen distended by gas, with passage of much flatulence,⁸.—**Rumbling and roaring in the abdomen* (after a quarter of an hour),³.—[240.] Much accumulation of flatulence; constant anxiety and fretfulness,¹.—Much persistent moving of flatulence in the abdomen,⁸.—Frequent emission of flatus,⁸.—Profuse discharge of flatus,³.—*Subjective*. Sick feeling in the abdomen in the morning, and as this disappeared in the afternoon, headache, sticking in the right side of the head, extending from the right eye and nose (in both of which it was most violent) to the occiput, lasting three days, followed by running from the nose and discharge of yellow mucus (after nine days),¹.—Dull, painful sensation in the abdomen,⁸.—Pain in the abdomen,¹⁸.—Pain in the abdomen and sleepiness, immediately after eating,¹.—Most fearful pains in the abdomen,¹⁹.—Tearing pains deep in the abdomen, increased by pressure,⁸.—[250.] Most violent colic,¹⁸.—*Hypogastrum*. Distension

and painfulness of the lower abdomen (second day),¹⁹.—Gripping in the lower abdomen, immediately after eating,¹.—Sudden, sharp stitches, extending from the navel to the neck of the bladder,⁸.—A kind of sore pain in the right pelvic region, in the margin of the ilium, as after a violent blow, a pulsating, drawing sensation,³.—Sensation in the right groin as if an ulcer would break through (while sitting),³.

Rectum and Anus.—Protrusion of the rectum, with thin stool,⁸.—Sensation as of liquid stool in the rectum,⁸.—Itching internally in the rectum, just above the anus; after rubbing, pain as if burnt; the pain always causes shuddering; after walking, while sitting still and during a stool,¹.—Swelling on the right side of the anus, as from hæmorrhoidal tumors under the skin, whereby the orifice is contracted, with annoyance during stool,⁸.—[260.] Burning in the anus, with soft stool,⁸.—Sudden urging to stool, without warning; he was scarcely able to retain it, together with bruised pain in the back and general loss of strength; the stool was passed suddenly, and was followed by urging, with great desire to urinate,⁸.

Stool.—Diarrhœa,⁵.—Stool almost hourly, consisting of black offensive mucus in small portions, with urging at 2 P.M.,⁶.—Stool softer than usual,⁶.—*Thin stool (at 2 and 5 A.M.), with violent urging to urinate, which could not be withstood,⁶.—Thin slimy stool at 7 and 8 P.M., with profuse urine,⁶.—Constipation,⁶.

Urinary Organs.—Urethra. Sticking in the navicular fossa of the penis,⁶.—Dull sticking pain in the navicular fossa of the urethra,⁶.—[270.] Stitches in the urethra,⁶.—Dull stitches in the urethra,⁶.—Tickling in the navicular fossa, with frequent erections,⁶.—Violent itching in the navicular fossa,⁸.—Urging to urinate,⁸.—Frequent urging to urinate,⁴.—Frequently repeated desire to urinate, with difficulty in retaining the urine,⁸.—**Micturition.** Frequent micturition,⁸.—Very frequent micturition,².—*Involuntary micturition,⁶.†—[280.] Violent spurting out of the urine,⁶.—Urine scanty and dark,⁸.—Urine more scanty than usual during the night,⁶.—Difficult passage of urine at night,⁶.†—Retention of urine,⁶.‡

Sexual Organs.—Male. Erections, without desire,⁶.—Frequent erections, without desire,⁸.—A sore drawing pain beneath the penis, extending to the glans, which compels him to urinate (after twelve hours),³.—Testicles drawn up against the abdomen,⁶.—Testicles drawn up tightly into the abdominal ring,³.—[290.] Emission, without voluptuous dreams,⁴.—Three emissions in the night,³.—**Female.** Menstruation delayed,².

Respiratory Organs.—Larynx. Pressure below the larynx, while sitting (after four hours),³.—**Voice.** Hoarseness,⁶.§—**Cough and Expectoration.** Cough, with much expectoration, especially during the day,².—**Respiration.** Respiration stertorous,²³.—Slow, difficult respiration,¹⁹.—Respiration deep, labored,⁶.—Deep inspiration, while sitting,⁶.—[300.] Deep inspiration at times, more while sitting than while walking,⁶.—Respiration feeble and rattling,²¹.—Respiration very weak and scarcely perceptible,¹⁶.—Respiration uneven, stertorous, at times interrupted by hic-cough,¹⁸.—*Oppression of breathing,⁷.—*Want of breath the whole day (immediately),².

Chest.—Burning about the nipple (after three hours),².—*Tightness of the chest, so that she could scarcely breathe, the whole day (immediately),².—Pressure upon the chest, with at times deep inspiration,⁶.—Oppressed sensation in the chest, with deep respiration,⁶.—[310.] Jumping in the chest,

† Not found.—HUGHES.

‡ With S. 266.

§ Not found.—HUGHES.

about the pit of the stomach (after one hour),³.—**Front.** Pressure, as after a blow, and sore sensation on the lower end of the sternum, while walking,³.—**Sides.** Pressive pain in the right pectoralis major, while walking slowly, afterwards in the left pectoral and intercostal muscles, without affecting respiration, then in the left knee, in the external malleolus, in the right pectoral muscles, right forearm, and radial side of the right wrist and dorsal surface at the base of the right fingers,⁸.—Some needle-like stitches beneath the last false ribs of the left side, on inspiration and expiration, which disappeared while standing and walking (after three hours),⁴.

Heart and Pulse.—Præcordium. Sudden sensation, as if the heart stopped, while walking,⁸.—Pain in the præcordial region,⁷.—Pain in the præcordium,⁷.—Sticking and burning pains in the præcordial region,⁷.—**Pulse.** Pulse 90,²².—Pulse slow and full,⁸.—[320.] Pulse small and slow,¹⁷.—Pulse weak,²⁴.—Pulse soft, small, and scarcely perceptible,²¹.

Neck and Back.—Neck. Swollen neck,⁶.†—Tension in the cervical muscles,³.—Sore tension in the left cervical muscles, on bending the head backward,³.—A kind of cramp of the cervical muscles; if he looks around, he cannot bring the head back again, the muscles do not yield, and when he attempts to force them it hurts very much,¹.—Drawing pains in the left side of the neck (after six hours),³.—Tearing (immediately) in the muscles of the right side of the neck,⁸.—**Back.** *The back bent backward like an arch,⁶.—[330.] Painful stiffness in the back, on stooping,⁸.—Peculiar sensation, extending through the back along the posterior surface of the legs, similar to that experienced on lying down after a fatiguing walk; felt while sitting,⁸.—**Dorsal.** Painful sensation on the inner surface of the scapula,³.—Painful tension across the right scapula,⁸.—Stitches in the muscles on the right scapula,⁸.—Sensation as if there were an ulcer on the right scapula,⁹.—Transient stitches in the muscles of the back, in the region of the eleventh and twelfth dorsal vertebræ, aggravated on deep inspiration,⁸.—Shock in the dorsal vertebræ,³.—Pain in the lumbar muscles,⁸.—Pain in the lumbar and dorsal muscles,⁸.—[340.] Frequent pain in the lumbar muscles,⁸.—**Sacral.** *Tearing-jerking in the coccyx,³.

Extremities in General.—Objective. *Trembling in the upper and lower limbs,³.—The limbs were tossed about hither and thither,⁶.—He tossed his limbs now to one, now to the other side,⁶.—*Spasmodic distortion of the limbs, throwing himself to the distance of two feet,⁶.—*Great weakness in the arms and legs, after slight exertion,⁸.—Limbs palsied,²¹.—Complete paralysis of the limbs; sensation was benumbed, but not completely lost; paralysis of the arms was incomplete,²².—**Subjective.** Sensation of great weakness, now in the right shoulder, now in one or the other knee, or in the ankle,⁵.—[350.] Alternating painful pressure in various muscles of the extremities, mostly in the lower legs, with prickling in the toes,⁸.—Tearing in the extensor of the left forearm and at the base of the three last toes of the right side,⁸.—Bruised sensation of the forearms and legs,⁸.—Painful bruised sensation, alternately in the arms and legs, with heat streaming through them, making motion difficult,⁸.

Superior Extremities.—Objective. *Frequent involuntary jerking and stitches in the arms and fingers (lower limbs and head),².—Jerking in the left arm, so that the whole body is jerked (after four minutes),².—Loss of power of the whole arm and fingers,³.—**Subjective.** Sensation as if there were no power in the left arm, with a sticking-tearing

pain in it,².—Arms felt numbed, and their movements were weak,²².—The arm seems very heavy on raising it, with sticking in the shoulder, so violent that she cannot raise the arm to the head without crying aloud; she cannot even move the fingers,².—[360.] Painful sensation beneath the right arm,³.—Drawings in the left arm,⁸.—Pressive pain in the muscles of the right upper and forearm,³.—Tearing pain in the whole of the left arm, as far as the fingers,².—**Shoulder.** Twitching in the left shoulder (after twenty minutes),².—Sensation of cracking in the shoulder-joint, not audible,².—Tearing in the muscles of the left shoulder,⁸.—Sore pain, as from a blow, in the right shoulder-joint,³.—**Arm.** Painful weakness in the muscles of the lower portion of the left upper arm,⁸.—Painful weakness in the muscles of the right upper arm, on writing,⁸.—[370.] Tearing in the inner side of the lower portion of the right upper arm,⁸.—**Elbow.** (Swelling on the inside of the left elbow-joint, as if an ulcer would form; on moving the arm it pains as if one pressed on an ulcer),¹.—Painful sensation and heaviness in the left elbow,⁸.—**Forearm.** Sticking-like tearing in the muscles of the right forearm, while writing, disappearing during complete inactivity of the body (after one hour and a quarter),⁴.—A sore pain, as from a blow or bruise, in the left forearm,³.—**Wrist.** Sensation of cracking in the wrist, which is not audible,².—Severe pressive pain in the ulnar side of the left wrist,⁸.—**Hand.** Veins of the hands distended,³.—Drawing on the dorsal surface of the left hand at the base of the fingers,⁸.—Pulsation on the hand, on straining at stool,⁸.—**Fingers.** [380.] Dark color of the fingers and thumb of the right hand,².—*Nails blue,⁸.—Deadness (going to sleep, numbness, coldness) of the fingers,².—Drawing in the tendons of the dorsal surface of the left fingers,⁸.

Inferior Extremities.—**Objective.** *Frequent involuntary jerking of the lower limbs,².—**Visible trembling of one leg*,².—Great weakness in both legs, on sitting and standing, less in the arms, relieved on walking about,⁸.—**His legs refused to carry him, and he staggered*; objects seemed at one time to approach, at another time to recede from him,²².—Lower extremities numbed, not insensitive, but completely paralyzed,²².—Painful stiffness and stiff sensation of the lower limbs, so that he could not walk at all for three hours (after one hour),².—[390.] Pressure in various muscles of the lower extremities,⁸.—Pressure and weakness in the legs,⁸.—**Hip.** Burning-sticking in the left hip-bone,³.—**Thigh.** Sudden great weariness in the left thigh, on rising,⁸.—Tension in the fascia of the anterior upper and outer part of the left thigh and in the hollow of the right knee, towards the inner margin, while walking,⁸.—Pressure on the right trochanter major,⁸.—Tearing in the muscles on the inner surface of the right thigh,⁸.—Tearing pain in the thighs, while walking; they are heavy,².—Pain, like a tearing, in the thighs, immediately after rising from sitting, with aching, as if beaten, in the knees; the pain in the thighs is worse while walking, like a deep-seated stiffness,².—**Knee.** While sitting, a feeling in the knees as after a long walk,⁸.—[400.] Painful pressure in the right knee,⁸.—Painful bruised sensation in the knees,⁸.—**Leg.** Very violent trembling of the left lower leg,².—Great weakness in the lower legs,⁸.—Painful sensation of weakness streams through both lower legs, while sitting; it attacks also the knees,⁸.—Stiffness in the right calf,⁸.—Feeling of stiffness in the tendo Achillis, with painful pressure in the muscles of the posterior portion of the left thigh, while walking slowly,⁸.—Pain in the left calf,⁸.—Tension in the calves,⁸.—Tension in the left calf; on walking, through the arm,⁸.—[410.] Tensive sensation in the lower portion of the calves,⁸.—

Compressive sensation in all the muscles of the left leg, as if the whole leg were contracted, while walking,⁸.—Jerklike drawing on the posterior and lower portion of the right leg, extending into the heel,⁵.—Pressure in the calves,⁸.—Pressure in the left calf and tearing in the left toes,⁸.—Painful pressure in the calves,⁸.—Tearing in the lower portion of the extensor of the left leg,⁸.—Tearing in the right peroneal muscles,⁸.—Tearing pain in the sides of the right tendo Achillis,⁸.—Sudden tearing in the lower portion of the right calf, extending to the tendo Achillis,⁸.—[420.] Bruised sensation and heaviness extend alternately through one and another leg, and become seated in the knee,⁸.—Prickling pulsation in the right calf, momentary,⁸.—**Ankle.** Tearing about the malleoli of the left foot,³.—**Foot.** In walking she does not step exactly on the soles of the feet, they turn inward considerably,².—Drawing on the back of the right foot, rather towards the inner side,⁸.—Drawings in the tendons on the back of the left foot,⁸.—Drawing in the tendons on the back of the right foot and in the left sole,⁸.—Tearing in the tendon on the back of the left foot,⁸.—Constant painful tearing in the tendons of the back of the left foot, while walking and standing,⁸.—Stitches, as with needles, in the right sole,⁸.—Tearing deep in the inner margin of the left sole,⁸.—[430.] Painful tearings in the left sole,⁸.—Sudden tearing in the right sole,⁸.—Frequent needle-like stitches in the heels, while sitting,³.—**Toes.** Twitches in the left toes,⁸.—Slight stitches in the corns, which are usually never painful,⁸.—Tearing on the inner side of the right great toe, lasting a long time,⁸.—Drawing-jerking pains in the toes,³.

General Symptoms.—**Objective.** Veins very prominent,⁸.—Twitchings (in two children),¹⁹.—**Spasm of all muscles*,²⁴.—[440.] The most violent (tonic) spasms, so that the fingers were bent and could not be straightened, neither could the limbs be bent or straightened,⁶.†—**Convulsions*,^{12 13 18}.—**Convulsions*; complete loss of consciousness,¹⁵.—**Convulsions, with loss of consciousness, frightful distortions of the limbs and whole body*,⁷.—**Convulsions, with wonderful distortion of the limbs, head turned backward, back bent as in opisthotonos*; after the convulsions were relieved the child fled to its mother for help, but was soon attacked by still more violent convulsions, which lasted till death,⁷.—Convulsions, and sudden death,²⁰.—**General convulsions*,⁶.—Rapid convulsions in quick succession, with frightful distortion, trismus, opisthotonos, and great swelling of the præcordial region, violent hiccough, lasting half an hour without intermission until death,⁷.—**Frightful convulsions*,^{5 16}.—He fell to the ground and passed urine with great force; was attacked with most violent convulsions; mouth was firmly closed, so that it could not be opened; he gnashed the teeth, distorted the eyes; blood spurted from the ears, and much swelling was felt in the præcordial region,⁷.—[450.] *Epilepsy*,^{5 6}.—Frightful epilepsy, recurring at first at short, then at long intervals; the limbs, head, and upper part of the body are convulsed in the most wonderful manner, with clenched jaws,⁶.—Attack like epileptic spasms,²⁰.—**Epileptic attacks, with swelling of the stomach, as from violent spasm of the diaphragm*; hiccough; screaming; redness of the face; trismus; loss of consciousness, and distortion of the limbs,⁷.—Epileptic attack, with wonderful distortion of the limbs, upper part of the body, and head, with blue face, interrupted breathing for some moments, and froth from the mouth; after the convulsions, as the respiration was freer, he had no con-

sciousness, and lay as if dead, giving no sign of sensation when one called out to him, or pinched him,^{7,†}—Violent epileptic attack, which frequently recurred during the night, in which the patient was frightfully convulsed,⁷.—Epileptic convulsions for four or five minutes,²⁴.—Epileptic convulsions in three children, one of whom recovered,⁷.—Soon after eating, the child began to stagger, fell down, and was seized with the most violent epileptic spasms, with complete loss of consciousness,¹⁷.—Catalepsy; the limbs hang down, relaxed as if dead, without breathing,^{6,†}—[460.] *Tetanus* (three cases),²⁰.—*Opisthotonos*,⁶.—Cramplike stiffness of the whole body, with coldness,⁷.—Child became rigid and sleepless,¹².—Great lassitude (second day),¹⁹.—*Weakness, especially in the knees and in the muscles of the back, after standing only a short time,⁸.—Staggering and intoxication,¹⁵.—Faint and unconscious,²³.—Exhaustion,¹⁷.—*General prostration*,²⁵.—[470.] He falls to the ground, unconscious,¹⁹.—He is always falling to the ground,⁶.—Falls to the earth and rolls about,⁶.—He fell to the ground without saying a word,⁶.—Fell down, as if struck by lightning (soon after),²⁰.—As often as she is spoken to, roused from her senseless staring and awakened by calling out, just so often she falls back again, *with pulse of only 50*,².—She lies as if dead, with clenched jaws,⁶.—They were all lying, weak, without consciousness or motion, like logs or dead people,^{6,†}—*Subjective*. Inseusibility of the whole body,¹⁹.—Numbness,^{6,†}—[480.] While lying in bed, a wonderful sensation, as if the whole body were swollen, with frequent starting up, as though he would fall out of bed (after fifteen hours),⁴.

Skin.—Objective. Black spots on the skin,¹⁴.—*Eruptions, Dry*. Much eruption on the ears,².—*An elevated eruption over the whole face (and on both hands) as large as peas, which causes a burning pain when touched; it afterwards becomes confluent; of a dark-red color, lasting nine days, followed by desquamation, which lasts three weeks,^{2,§}—A cluster of sixteen or eighteen small red spots on the back of the left hand, smooth, disappearing on pressure,⁸.—A small red spot on the dorsal surface of the first phalanx of the left thumb,⁸.—*Eruptions, Moist*. A burning-itching vesicle on the left side of the upper lip on the vermilion border,³.—*Red vesicle on the right scapula, very painful to touch*,³.—*Elevated eruption as large as peas on both hands, even on the balls of the fingers, in which there is a burning pain when touched; afterwards it becomes confluent, of a dark-red color, and moist (ninth day),².—Small itching vesicle on the back of the right hand,⁸.—[490.] Five vesicles, as large as poppy-seeds, surrounded by red areolæ, without sensation, on the back of the left hand, between the first and second fingers,⁸.—*Eruptions, Vesicular*. Much eruption on the temples, and in front of the ears, filled with pus at the tip, and painful like a boil,².—*Subjective*. Itching over the whole body, so that he was obliged to scratch,².—Burning-itching all over,¹.—Drawing beneath the skin, on the outer side of the left thigh,⁸.—Drawing under the skin, just above the left tendo Achillis,⁸.—Sudden pressure in the skin of the right

† Not found.—HUGHES. (In a man 20 years old, who died after two hours; the body remained warm the whole day, without blueness or swelling; the limbs were stiff, the lungs full of blue and yellow spots, blood red and fluid, the heart empty, the throat internally bluish and dry)

‡ Not found.—HUGHES.

§ I have cured chronic pustular, confluent eruption on the face, with only a burning pain, with the aid of one or two doses of a small portion of a drop of the juice, but did not venture to administer a second dose under three or four weeks, if the first was not sufficient.—HAHNEMANN.

side of the scrotum,⁸.—Crawling under the skin of the left upper arm,⁸.—Crawling just under the skin of the thighs and legs, and especially in the soles of the feet, as if the leg would go to sleep, only while sitting.².—Crawling in the left toes,⁸.—[500.] Creeping beneath the skin on the back of the right foot,⁸.—Creeping sensation in the soles of the feet, with pressure in various places in the legs,⁸.—Prickling in the left great toe,⁸.—Tingling and worrying sensation in the left sole,³.—Itching, with a hot sensation, in the right side of the chest,³.—Burning-itching on the right side, so that he was obliged to scratch, whereupon it disappeared,³.

Sleep and Dreams.—Sleepiness. Frequent yawning,³.—Frequent yawning, as if he had not slept enough (after one hour and three-quarters),⁴.—Sleepiness, so that the eyes constantly closed,³.—If she looks long at one place she becomes sleepy, and feels as though her head were pressing downward, although one sees nothing of it; she does not, with open, staring eyes, recognize letters,².—[510.] Very sleepy, even during the day, with weakness and great thirst,⁸.—Sleep,¹⁴.—Sleep for two hours, immediately,¹⁵.—**Sleeplessness.** Frequent waking at night, with sensation as if he had slept enough; even on rising at 6 A.M. he felt vigorous, and experienced no ill effects from too little sleep,⁸.—*Frequent waking from sleep, with sweat all over every time, from which, however, he feels refreshed,*⁴.—Loss of sleep the whole night (immediately),².—Loss of sleep; he awoke every quarter of an hour, with a painful heavy sensation in the head,².—Every morning he has not slept enough,².—**Dreams.** *Vivid but unremembered dreams,*⁴.—*Vivid dreams at night about the events of the previous day,*¹.—[520.] Many confused dreams, full of disquietude,³.—Voluptuous dreams, with drawing pain in the navicular fossa,⁸.

Fever.—Chilliness. Temperature diminished,¹⁷.—Frequent chilliness,⁸.—General coldness of surface,²¹.—Icy coldness of whole body,²⁰.—*They all long for a warm stove,*⁶.†—Chilliness in the whole abdomen,⁸.—Slight chilliness through the back from 2 to 3.30 P.M.,⁸.—Frequent chilliness through the back,⁸.—[530.] Coldness and stiffness of the arms and feet,¹⁹.—Coldness creeps down the legs, then coldness in the arms (coldness seems to come more from the chest), after which there is great inclination to stare at one point,².—Feeling of coldness creeping through the lower legs and arms, with alternations of heaviness and lightness in these parts,⁸.—Cold sensation streams through the lower legs, with tearing in the toes; cold sensation is especially persistent in the right lower leg,⁸.—Ears cold,⁸.—The whole abdomen was cold,¹⁸.—Cold extremities,⁸.—**Heat.** Sensation of increased warmth in the whole body,⁸.—General heat and *special heat in the chest*, lasting three-quarters of an hour, aggravated by the accustomed smoking,⁸.—Excessive heat in all parts of the body, from the beginning to the end of the proving,³.—[540.] Skin hot and dry,²².—Heat and heaviness in the forehead,⁸.—Heat, extending from deep in the occiput to the vertex and to one side of the head (always deep in the head),⁸.—Heat low down in the occiput,⁸.—Heat and burning about the eyes,¹.—Heat in the abdomen (and chest),⁸.—Heat in the chest (and abdomen),³.—Much heat and heaviness in the head,⁸.—Frequent creeping heat over the back into the head and down to the feet, as from hot water, in the upper arm, and a sensation as of hot water in the chest, followed by pain in the muscles on the posterior portion of the right thigh, while sitting,⁸.—Sensation of heat in both legs,⁸.—[550.] Flushes of heat in the face, especially towards the upper

† Not found.—HUGHES.

part,⁸.—Flushes of heat over the back,⁸.—Forehead hot and heavy, skin puffy, with throbbing in the temporal arteries,⁸.—Ears very hot, internally and externally,⁸.—Burning and redness of the face,⁸.—Constant desire to go out in order to cool himself,¹.—**Sweat.** *Sweat on the abdomen (first night),¹; at night,¹.—Skin warm and dry,²².

Conditions.—Aggravation.—(*Morning*), After rising, confusion of head; on waking, headache; nausea, etc.; feeling in abdomen.—(*About noon*), Anxiety, etc.—(*Afternoon*), Thirst; from 2 to 3.30 o'clock, chilliness through back.—(*Night*), Urine scanty; difficult passage of urine.—(*While eating*), Nausea.—(*After eating*), Immediately, pressure in pit of stomach; immediately, pain in abdomen, etc.; immediately, griping in lower abdomen.—(*Deep inspiration*), Stitches in muscles of back.—(*Moving the part*), Pain in throat.—(*On reading*), Pressure in eyes.—(*Rest*), Headache.—(*After rising from sitting*), Immediately, pain in thighs.—(*In room*), Roaring in ears.—(*Sitting*), Objects seeming to move in circle; sensation in throat; pressure below larynx; sensation through back; feeling in knees; sensation through lower legs; crawling in legs.—(*While standing*), Tearing in tendons of foot.—(*Taking hold of part*), Pain in throat.—(*Tobacco-smoking*), General heat, etc.—(*While walking*), Vertigo; pressure, etc., in end of sternum; sensation as if heart stopped; tension in fascia of thigh; pain in thighs; tension through arm; sensation in leg; tearing in tendons of foot; stitches in heels.—(*On writing*), Weakness in muscles of arm; tearing in muscles of forearm.

Amelioration.—(*Afternoon*), Headache.—(*Passage of flatus*), Headache.—(*While sitting upright*), Headache disappears.—(*While standing*), Stitches beneath ribs disappear.—(*While walking*), Stitches beneath ribs disappear; weakness in legs.

CIMEX.

Acanthia lectularia, Fabr. (*Cimex lectularius*, Linn.).

Natural order of insects, Hemiptera. *Common name*, Bedbug; (Fr.), Punaises; (G.), Wanze.

Preparation, Trituration of the living animals.

Authorities. Dr. Wahle's provings with the 2d and 3d trits., Neues Archiv f. Hom., 3, 1: 1, Dr. Bertoldi; 2, a girl, aged 17; 3, a woman of 44 (past the change of life); 4, Berridge, a man took the 200th dil., N. Y. J. of Hom., 2, 462.

Head.—Confusion. Confusion of the head, as if headache would ensue,².—**General Head.** Head seems dull and painful, without special character to the pain (after twenty-four hours),³.—Drawing headache, especially beneath the right frontal bone, continuing the whole day; even the next day the head felt dull,³.—**Forehead.** Outward pressing pain in the left frontal eminence,¹.—Headache, pressing outward, first on left, then on right side of forehead, lasting ten to fifteen minutes (after forty-five minutes),⁴.—**Parietals.** Sticking pain beneath the right parietal bone, aggravated by cough; the pain extended through the right shoulder to the middle of the arm; even the jaws were affected by it, though there the pains were relieved by external pressure (after twenty-four hours),³.

Nose.—Sneezing incessantly from 12 to 12.30 (after five hours and a half),³.—Fluent coryza for several days, which afterwards increased,¹.—Fluent coryza, with pressure in the frontal sinuses,¹.—[10.] Dryness of the nostrils, which is slightly worse after twenty-four hours and more sensitive,¹.

Mouth.—Teeth and Gums. A loose tooth seems larger and looser than usual.²—Violent itching on the inner side of the gum of the upper jaw; she is compelled to rub it with the tongue and finger, after which it pains as if burnt (after fifty hours).³—**Tongue.** Tongue coated.²—Tongue coated with white; tearing in the middle of it, with loss of appetite (after six hours).³—Tongue coated dirty-white, with a sensation of swelling as if it had been burnt; there is even a burnt sensation on the palate and on the upper anterior gum (after half an hour).³—**Saliva.** The saliva collects on the middle of the tongue, and causes a taste of iron in the mouth (after forty-eight hours).³

Throat.—Much tasteless mucus in the throat, which can be easily expectorated in the morning (after twenty-four hours).³—Slight dryness of throat almost directly, lasting five minutes.⁴

Stomach.—She drinks only on account of dryness in the throat, not on account of thirst, the whole day.³—[20.] Sour eructations, once with frothy saliva, which rises from the stomach (after half an hour).³—Hiccough, very slightly painful, for five minutes (after ten minutes).⁴

Abdomen.—Pain in the liver, as if she had bent the right side sharply inward; the place is also painful to touch and on coughing (after six hours).³—Colic, relieved by passage of flatus, lasting seven minutes (after several hours).²—Colic, soon after taking, followed by liquid stool, which was once repeated towards noon, with urging to stool towards evening without result.²

Rectum and Anus.—Urging to stool (after twenty-four hours), followed by passage of only a piece of soft stool, after which the rectum closed immediately; after dressing and sitting down she experienced a sore sensation which extended to the small of the back, and there caused a sensation of weariness (after twenty-four hours).³

Stool.—Stool regular, but like small nuts, and as soon as a small ball had passed, the rectum immediately closed tightly (after forty-eight hours).³—After she had had two diarrhoea-like stools the day previous, she experienced desire for stool (after twenty-four hours), but could only pass a small piece; after much pressure a second stool, with hæmorrhoidal pains.²

Urinary Organs.—Scanty, saturated urine (first day).³—Urine very light straw-color (third day).³—[30.] Urine bright-yellow, depositing a sediment of the color of kermes mineral, which not only adheres to the bottom, but also coats the whole vessel (second day).³

Sexual Organs.—A hot sensation on the inner side of the pudenda (after fifty-six hours).³

Respiratory Organs.—Painfulness, with constant, short, dry cough.³—After two eructations of air, cough, with sour vomiting of saliva, soon after which there is sour vomiting with violent retching of food eaten the day previous; this exertion caused a dull pain on the forepart of the right side of the head, which afterwards spread over the whole forehead and then into the head of the sterno-cleido-mastoid muscle, behind the ear and into the occipital protuberances, with a sensation as if she had lain through the night with the head in an uncomfortable position (after one hour).³—Cough, with retching, as if she would vomit, caused by pressure in the middle of the lower portion of the sternum; the pressure, however, is persistent, and the cough causes sweat, with pressing pains in the right side of the forehead (after a quarter of an hour).³—Scraping paroxysmal cough, which causes retching, with pain in the middle of the chest after coughing a few times; the sternum becomes painful to touch (after one hour).³—

Dry cough, with tensive pain in the left side of the trachea and pharynx, which extends diagonally through the right breast, and causes a shuddering,³.—Dry, frequently repeated cough, with shuddering pain in the middle of the lower portion of the chest, which extends to the right side of the liver (after twenty-six hours),³.

Chest.—Scraping sensation beneath the sternum, with short cough, repeated after twenty-four hours, after rising in the morning,¹.—Scraping sensation beneath the upper part of the sternum, with irritation to short cough,¹.

Heart and Pulse.—[40.] Pulse intermitting, with chilliness (after several hours),³.

Neck and Back.—**Neck.** Twitching in the muscles of the right side of the neck, very transient, in the evening,¹.—**Back.** Pain in the back, which extends round to the abdomen, with accumulation of flatulence (after four hours and a half),³.—**Dorsal.** Drawing pain beneath the right scapula, extending through the whole arm and into the tips of the fingers, where it caused a sensation as if the tips of the fingers were asleep; after ten minutes motion of the point of the shoulder-blade was painful, as if she had received a blow and it were swollen, with anxiety and sweat (after one hour and a half),³.—**Lumbar.** Great weariness in the loins, so that she is obliged to sit down, disappearing, however, after awhile (after half an hour),³.—Pains in the small of the back and loins of the right side, now severe, now slight; at 3 P.M. (third day) most severe; she lay awhile upon the bed, and after half an hour they disappeared,³.—Pain in the small of the back while sitting, in the sacrum and right hip-bone, extending down to below the knee, on which account she was obliged to loosen her garters (after forty-eight hours),³.

Extremities in General.—Great weariness in the limbs, with sleepiness; she is constantly obliged to sit (first and second days),².

Superior Extremities.—A painful sensation in the right shoulder and anterior pectoral muscles, extending through the whole arm to beneath the nails, where it causes a sensation as if the fingers were asleep,³.—Drawing pains from the right shoulder down through the arm, soon disappearing,².—[50.] Intermitting pricking pains in muscles back of right arm, for fifteen minutes (after fifty minutes),⁴.

Inferior Extremities.—*Pain in the recti muscles of the thighs, with oppression of the chest, shortness of breath, and frequent deep inspiration, with a sensation as if he would creep into himself, and on that account could not sufficiently crouch together; every attempt to stretch out the arms or legs causes tensive pains in these parts, and he suffers thirst rather than move,¹.

General Symptoms.—The whole right side is especially affected,³.—Weariness the whole day; inclination to stretch frequently; sleepy early in the evening,³.

Sleep and Dreams.—Frequent yawning, as if she had not slept enough, with cold sensation on the skin, or as if the wind blew on the knees, lasting several hours (after one hour and a half),³.—Goes to sleep easily while sitting, in the morning (after forty-eight hours),³.

Fever.—Chilliness over the whole body; she was obliged to lie down and be warmly covered, lasting an hour and a half, followed by creeping flushes of heat on the body, with sensation as if sweat would break out, but very transient, in the morning (after twenty-four hours),³.—Chilliness at times, soon followed by dry heat, then by some perspiration, with anxiety,

so that she could not rest long in any place, with frequent yawning and a weak pulse, almost without thirst, but with desire for drinking because the throat was dry, lasting nearly all day (after four hours),³.—Sweat on the head and on the nose; warmth in the morning and during rest (after twenty-four hours),³.

Conditions.—**Aggravation.**—(*Morning*), Mucus in throat; after rising sensation beneath sternum; chilliness.—(*Afternoon*), From 12 to 2.30 o'clock, sneezing.—(*Evening*), Twitching in muscles of neck.—(*While sitting*), Pain near small of back.

Amelioration.—(*Passage of flatus*), Colic.—(*External pressure*), Pain in jaws.

CIMICIFUGA.

Cimicifuga racemosa, Ell. *Synonyms*, *Actæa racemosa*, Linn; *Macrotys actæoides*, Raf.; *Botroflus serpentaria*, Raf. (*Med. Flora*).

Nat. order, Ranunculacææ. *Common names*, Blacksnake root, Bugbane, Rattleweed.

Preparation, Tincture of the root.

Authorities. 1, Dr. T. S. Garden, effects of "full doses," *Amer. Med. Recorder*, 1823 (from Wibmer); 2, G. W. Mears, took an ounce of "saturated tincture" in two hours, in divided doses, *Hempel's Mat. Med.*, 2, 506; 3, Chas. H. Burr, proving with fluid extract, 10 drops hourly for fourteen hours, then after twenty-four hours, 15 drops hourly for twelve hours, *Inaug. Thesis*, *Hom. Med. Coll. of Penn.*, 1858 (from *Hempel's Mat. Med.*, 2, 507); † 4, Dr. H. M. Paine's provings, repeated doses of the tincture, 10 to 40 drops (five different provings), *N. Am. J. of Hom.*, 3, 207; 5, *ibid.*, proving with the 6th dec. dil.; 6, Mr. S., proving with tincture, 5 to 20 drops, *ibid.*; 7, Mrs. A., proving with daily repeated doses of tincture, 10 to 20 drops, *ibid.*; 8, Dr. L. B. Wells, proving with 1st dil. (first day 3 drops, third day 3 drops), *ibid.*; 9, Dr. Luther Wells, proving with tincture, 102 drops in seven days, afterward 178 drops in eight days, afterward 210 drops in seven days; 10, résumé of provings of Drs. Hill and Douglass, *N. Am. J. of Hom.*, 7, 450, "provings on forty men and six women, medical students, entirely ignorant of what they were taking;" † 11, Dr. Bacmeister's provings with half a teaspoonful of the tincture, *Trans. Am. Inst. Hom.*, 1871; 12, Mrs. L. B., *ibid.*; 13, two girls took repeated doses of the 12th dil., *ibid.*; 14, Mrs. L. B. took half a teaspoonful of tincture, *ibid.*; 15, Mr. W. took 10 drops of tincture every four hours, *Trans. Am. Inst. of Hom.*, 1872; 16, Cooper, effects of 1st dec. taken ten days, in a woman of 35, who had not menstruated for fifteen years, *M. H. R.*, 15, 179; 17, Garrison, poisoning of a pregnant woman by 1 drachm of Squibb's fl. ext., *Br. and F. Med.-Chir. Rev.*, 1869; 18, Chapman, effects, *Elem. of Therap.*, 1, 357 (1831); 19, Davis, effects of large doses, *Trans. Am. Med. Assoc.*, 1, 352; 20, Young, effects of a teaspoonful three times a day for chorea, *Am. J. of Med. Sc.*, 9, 313.

Mind.—**Emotional.** A sort of delirium, with an inclination to run over the subject on which he was reading,¹⁰.—Half intoxicated feeling, with swimming of the head (after half an hour),¹⁰.—**Miserable, dejected feeling*,¹⁰.—In afternoon, depression and dulness (second day),¹².—*Anxiety*,¹.—***Feels**

† Original not to be found.

‡ This résumé would seem to include much of Dr. Paine's provings, many of the groups of symptoms being identical in expression and sequence; Drs. Hill and Douglass furnish no details of doses, nor day-books.—EDITOR.

grieved and troubled, with sighing; next day, a feeling of tremulous joy, with mirthfulness, playfulness, and clear intellect,¹⁰.—*Intellectual*. Mind clear (as a first effect),¹⁰.—Mind dull and heavy,¹⁰.—Not disposed to fix the attention,¹⁰.—[10.] **Not disposed to fix the attention on any subject* (second day),⁶.

Head.—*Vertigo*. *Vertigo*,^{1 19}.—Vertigo to such an extent that she could not sit up (after two hours),¹⁷.—**Vertigo, fulness and dull aching in vertex* (after ten minutes),⁵.—**Vertigo, impaired vision, dizziness, dulness, with fulness and aching in the vertex*,¹⁰.—Dizziness, dulness in the head (second day),⁶.—*General Head*. Dulness and heaviness of the head and eyelids, as if produced by cold,⁷.—Dulness of the head, and pain in forehead and occiput (fourth day),⁵.—**Dull sensation throughout the head, as though he had been on a "spree," and was getting over the effects*,¹⁰.—Heaviness in head,¹⁰.—[20.] Heaviness and dulness of the head,⁷.—Heaviness, dulness, fulness, slight dull pain,¹⁰.—Pains in head and face constant, and very severe,¹⁰.—Slight pain in the head,⁴.—Slight pain in the head, in the evening,⁴.—**Great pain in the head, back, and limbs* (after two hours),¹⁷.—Severe pains in the head, with much somnolency and coldness (after one hour), followed by warmth (after two hours),².—On waking, had a most distressing pain in the head, with vertigo, flushed face, dilated pupils, and an increase of twelve beats in the frequency of the pulse (after three hours),².—Slight dull pain in head,⁴.—**Constant dull pain in the head, particularly in the occiput, extending to the vertex, during the forenoon and part of the afternoon* (second day),⁴.—[30.] Fulness and pressure in the brain (second day),¹⁵.—Slight fulness of head,⁴.—Feeling of fulness, with headache,¹⁰.—Sense of fulness and heaviness of the head; soon after dull pain of forehead, heat of face, and slight sweat,¹⁰.—Head feels too large,¹⁰.—Brain felt too large for cranium; brain feels compressed,¹⁰.—Headache,⁷.—Dull headache on getting up in morning,¹⁰.—Dull, heavy headache, more in left temple, at 9 A.M. (second day),⁸.—**Aching pain in head, particularly in occiput, experienced only while indoors, relieved by the open air; it increased during the afternoon, and was quite severe in the evening; about 9 P.M. it disappeared entirely, after a walk in the open air* (after two hours),⁴.—[40.] Feeling of pressure in head, and heat in head and face (after one hour),¹⁰.—Head and eyes relieved from an existing pressure,¹⁰.—Acute pain generally through the head, during the day, at times more severe on the left side,⁴.—**The pain in the head is always relieved by the open air*,⁴.—*Forehead*. Pain in front and top of head,¹⁰.—Pain in forehead, which seemed to proceed from the right temple in burning lines, accompanied after an hour by a sense of fulness and heat; pain, heat, and fulness soon become continuous, with a sense of drowsiness (10-drop doses),³.—Pain in forehead and occiput, with heaviness of head (after one hour); the pain in the head continued for ten days,⁸.—Slight pain in forehead, with dryness of the pharynx, and aching in the eyes, apparently between the eyeball and orbital plate of the frontal bone, at 10 P.M. (fourth day),⁵.—Occasional transient pain in forehead over right eye,⁸.—Dull pain in forehead, in afternoon,⁴.—[50.] Dull pain in forehead, before breakfast (second day),⁶.—Dull pain deep in forehead (soon after),⁴.—Dull boring pain in forehead over left superciliary ridge, continuing for two hours (after three hours),⁸.—Awoke at 2 A.M., with excruciating though dull pain in forehead, extending to temples, with coldness of forehead,¹⁰.—Headache (frontal), (fourth day),¹⁵.—After hearty dinner, headache in left frontal region, continuing at intervals during the rest of the day; worse outdoors; after sleep, headache as before, worse during a walk out of doors; better after entering

a room (second day),¹¹.—Pressure in front part of head and eyes,¹⁰.—**Temples.** Pain in left temple,¹⁰.—Headache through the temples; headache as if it would burst,¹⁰.—Sensation as if the temples were compressed, occasionally through the day,⁴.—[60.] Sharp cutting pain in right temples (immediately),³.—**Vertex.** *Pain in vertex, during afternoon and evening,⁴.—Fulness in vertex, in evening,⁴.—Full feeling in upper part of brain, with dull feeling,¹⁰.—*Aching pains in vertex and occiput, in paroxysms at times quite severe, immediately after rising; the pains continued through the day, but not so severe as in the morning (second day),⁴.—After one hour, aching pain and soreness of vertex, increasing to great severity; after two or three hours passing to the frontal part of the head, continuing all night, and depriving him of sleep,¹⁰.—*Pain from the eyes to the top of the head; it seemed as if the nerves were excited to too much action, lasting three hours; under larger doses it lasted six hours,⁹.—*Dull pain in the region of the moral organs; a pressing outward and upward, as if there was not room enough in the upper portion of the cerebrum; this pain was very oppressive and almost intolerable; it began about 5 o'clock P.M., after taking the second dose, and continued unabated till morning, when it was relieved in thirty minutes by a single dose of *Bryonia*,¹⁰.—**Parietals.** Slight pain in left side of head (soon after),⁴.—Fulness on left side,¹⁰.—[70.] Dull pressive pain in left side of head,¹⁰.—**Occiput.** Pain extending from the right eyeball through to right side of occiput, slightly affecting the ear, at night,⁶.—*The pain in the head seemed to extend over and through the whole brain, producing a distinct sense of soreness in the occipital region, which was much increased by motion (15-drop doses),³.

Eye.—*During the headache the eyes were so congested as to attract the attention of every one, although there was no disagreeable feeling in them,¹⁰.—Heaviness of the eyes, as if caused by cold,⁷.—Eyes feel as if swollen,¹⁰.—Aching of the eyes at 10 A.M. (fourth day),⁵.—Dull aching pain in eyes (fourth day),¹⁵.—**Brow.** Pain over the eyes (second day),⁶.—Pain over left eye, extending along the base of the brain to the occiput (second day),⁴.—[80.] Severe pain just over right eye,¹⁰.—Acute pain over left eye; in forehead, occiput, vertex, etc., in paroxysms; pain relieved by the open air,¹⁰.—Shooting pain over left eye (fourth day),¹⁵.—**Lids.** Inflammation of both eyelids (second day),⁴.—During afternoon, pain in right eyelid when closing it,⁴.—Sensation of swelling of right eyelid, with heat, as if inflamed (after four hours),⁴.—Stinging in the eyelids (after one hour),⁷.—Stinging and inflammation of the lids,¹⁰.—**Ball.** *Pain in the eyeballs,¹⁰.—*Pain in both eyeballs (fifth day),⁴.—[90.] *Pain in the centre of the eyeballs, and also sensation as if pain were situated between the eyeball and the orbital plate of the parietal bone, in the morning on rising, continuing all day, but not so severe as in the morning (second day),⁴.—Eyeballs occasionally painful for a short time,⁷.—Eyeballs painful for a short time in the forenoon (second day),⁷.—Pain in the eyeballs continued for two weeks after discontinuing the drug,⁷.—Dull pain in both eyeballs,⁴.—*Aching pain in both eyeballs, through the day (fourth day),⁴.—Severe aching pain in right eyeball, after retiring for the night,⁴.—Constant dull aching pain in right eyeball and across forehead, accompanied with nausea,⁴.—**Pupils.** Dilated pupils,¹.—Pupils dilated (after three hours),².—[100.] Pupils enormously dilated (after two hours),¹⁷.—**Vision.** Vision very much disordered (after two hours),¹⁷.—Dimness of vision,¹⁹.—Myopia increased,¹⁰.—*Black specks before eyes,¹⁰.

Nose.—**Objective.** Sneezing,⁷.—Sneezing at 4 P.M. (fourth day),⁵.—

Sneezing several times (after half an hour),⁵.—Frequent sneezing and fluent coryza, during the day (second day),⁴.—Obstruction of left nostril, in evening,⁴.—[110.] After pain in the head, which continued ten days, coryza, sore throat, and extension to bronchial mucous membranes,¹⁰.—The pain in the head was followed by coryza, with sore throat and a gradual extension of the disease to the bronchial mucous membrane, dry, short, and hacking cough, night and day, continuing two weeks, which is uncommon, the prover not having had a catarrh or cold for several years,⁸.—Constant coryza during the day,⁴.—Smarting and burning coryza relieved,¹⁰.—Fluent coryza (third day),⁵.—Fluent coryza of whitish mucus, during the day,⁴.—Fluent coryza, aching, and soreness in the nose, during the day (second day),⁴.—Fluent coryza, more so than for many weeks, as if caused by cold, at 4 P.M. (fourth day),⁵.—Abundant watery coryza,⁴.—Copious coryza (fourth day),⁴; (fifth day),⁵.—[120.] Copious coryza during the forenoon (fifth day),⁴.—Profuse coryza in the forenoon; aching pain in the head; pain in both eyeballs many times through the day (third day),⁴.—Very profuse, greenish, and slightly sanguineous coryza,¹⁰.—Very profuse, greenish, and slightly sanguineous coryza, after rising (fourth day),⁵.—At first, dry, stuffed condition of the nostrils, which was soon followed by an open, moist condition, with great sensitiveness to the cold air, as if the base of the brain were laid bare, and every inhalation brought the cold air in contact with it; this is exactly similar to that produced by a sudden change of weather in winter, from cold and dry to damp thawing, as by a south wind, which melts the snow,¹⁰.—*Subjective*. Inclination to sneeze, twice in the afternoon,⁴.—Frequent inclination to sneeze, in the afternoon,⁴.—Fine stitch to outside of right wing of nose,¹¹.—Stinging sensation in the nose, in the evening (second day),⁶.

Face.—Face flushed (after three hours),².—[130.] Redness of face and eyes,¹⁰.—Very severe pain in face, more in under jaw, lower teeth, and articulation of lower jaw,¹⁰.—*Cheeks*. Pain in right superior maxillary bone and teeth,¹⁰.—At 10 A.M., feeling of lateral expansion and pressure outward in both malar bones and forehead,¹¹.—*Lips*. Dry lips (second day),⁴ ⁷.—Dry sore lips,¹⁰.—Dryness and soreness of the lips,⁴.—*Jaws*. Severe pain in left jaw,¹⁰.

Mouth.—*Teeth*. Thick mucus on teeth,¹⁰.—Accumulation of thick mucus upon the teeth (second day),⁴.—[140.] During afternoon, peculiar uneasiness in teeth; wants to chew or pick at them,¹⁴.—*Tongue*. Swelling of back part of tongue,¹⁰.—Roots of tongue and fauces swollen,¹⁰.—*Mouth in General*. Mouth dry in morning,¹⁰.—Dryness of lips and mouth,¹⁰.—Palate and uvula red and inflamed,⁴ ¹⁰.—*Saliva*. Increased flow of saliva immediately,¹⁰.—Spitting of thick saliva, which seemed to stick to the mouth and throat, and to be detached with difficulty,¹⁰.—*Taste*. Unpleasant taste,¹⁰.—Unpleasant taste in mouth (15-drop doses),³; (second day)⁴ ⁷.

Throat.—[150.] Throat dry,¹⁰.—Dryness and soreness of throat on swallowing and on pressure, worse on left side,¹⁰.—Fulness of throat and vertex, and stiffness of neck,¹⁰.—Sensation as if the throat was partly filled, as low as the top of the sternum,¹⁰.—*Throat sore,¹⁶.—Sore throat, when swallowing,¹⁰.—Soreness of throat when swallowing; sensation of fulness high up in throat, with fulness in vertex and stiffness of neck, in evening,⁴.—Sensation of rawness in throat,¹⁰.—Sensation of rawness in throat; slight difficulty in swallowing; hoarseness, which increased towards night; constant unpleasant fulness in pharynx,⁴.—Irritation of throat with expectoration of

mucus for half an hour, resulting in the cure of an existing cold,¹⁰.—[160.] Roughness and dryness of the throat, with thirst,¹⁰.—*Uvula*. Inflammation of the uvula and palate, more severe than the day before (fifth day),⁵.—*Fauces, Pharynx, and Œsophagus*. Increased secretion of thick viscid mucus in the fauces,³.—Dry pharynx,¹⁰.—Dryness of the pharynx, and inclination to swallow, during the night (fourth day),⁵.—Dryness of the pharynx at 4 P.M. (fourth day),⁵.—Fulness of pharynx, and inclination to swallow,¹⁰.—Fulness of the pharynx, and constant inclination to swallow (fourth day),⁵.—Constriction of the pharynx, with increased secretion of mucus in the throat,³.—During forenoon, sense of empty aching all along œsophagus (second day),¹¹.

Stomach.—Appetite. [170.] Loss of appetite (second day); experienced during the last few days of the proving, and continued for two weeks after,⁴.—No appetite for supper; repugnance to food (second day),⁶.—Desire for tobacco decidedly weakened (second day),¹¹.—*Thirst*. Thirst, but no desire to drink,¹⁰.—*Eruclatations*. Eructations tasting of the medicine (immediately),^{4,7}.—Eructations and slight nausea (immediately),⁶.—Eructations, nausea, and loss of appetite,¹⁰.—Violent eructations, but no relief,¹⁰.—*Nausea and Vomiting*. Nausea,⁷.—Nausea for fifteen minutes (after half an hour),⁷.—[180.] Nausea with loathing (soon after),⁸.—*Nausea and vomiting (during the first twelve hours),¹⁷.—*Nausea and vomiting,¹⁰.—Nausea, vomiting, and much gastric irritation in *females*, while in *males* it was hardly noticed as affecting the stomach in the least,¹⁰.—Nausea all through the abdomen, followed by a loose stool, accompanied by sharp pain in abdomen and considerable downward pressure in rectum (after two hours),¹⁴.—Some nausea, followed by greater freedom of expectoration and more or less relaxation of the surface, with slight nervous tremors and vertiginous affections,¹⁸.—Slight nausea and burning of the stomach,¹⁰.—Slight nausea, with weak, trembling, exhausted feeling,¹⁰.—Slight nausea, which increased with a sickening pain in the duodenum; half an hour afterwards, flatulence, eructations, and more nausea; a second dose increased the symptoms, with general feeling of illness; supper abated the bad feeling, but nausea returned soon after,¹⁰.—Awful nausea, with tremors all over,¹⁰.—[190.] Violent retching,¹⁰.—*Stomach*. Distension of stomach and upper part of abdomen,¹⁰.—**Faintness of the stomach*,⁷.—*Faintness of the stomach*, two or three times, of short duration,⁷.—**Faintness and emptiness of stomach*,¹⁰.—Faintness in the epigastrium, with repugnance to food, which, however, did not prevent his partaking of a moderate breakfast (second day),⁴.—Faintness in the epigastrium, generally in the morning, before eating (particularly if the medicine had been taken over night), not preventing eating, which was followed by a sensation of repletion, as if too much food had been taken,⁴.—Slight faintness in the epigastrium during the forenoon (second day),⁶.—Great uneasiness at the stomach (after three hours),².—Pain and heat in the stomach followed by eructation, which afforded relief,³.—[200.] Pain and heat in stomach, followed by eructations, which afforded relief; the sense of heat in stomach continued, with a feeling of warmth and dryness in the whole alimentary canal,³.—Before breakfast, slight pain in the epigastrium, extending to the left hypochondrium, with faintness and sensation of emptiness (second day),⁴.—Feeling as if too much food had been taken,¹⁰.—During afternoon, sensation as if too much food had been taken into the stomach,⁴.—Acute darting pain in the epigastrium, after a light supper,⁴.—Tremor in the stomach,¹⁰.—Sense of internal tremor in the stomach, after breakfast (second day),⁸.

Abdomen.—Hypochondria. Pain in left hypochondriac region, worse on motion and on taking a deep inspiration,¹⁰.—Dull pain in region of liver,¹⁰.—**Umbilical.** Rumbling of flatus below the umbilicus at 10 P.M. (fourth day),⁵.—[210.] Dull griping-twisting at the umbilical region, more towards the left,¹⁰.—Acute cutting pain at the umbilicus,¹⁰.—Acute cutting pain in the umbilical region, which, although acute, was not so severe as to prevent attending to his usual business; uninfluenced by eating, and continuing through the afternoon (after three hours),⁴.—**General Abdomen.** Flatus,¹⁰.—Flatulence,¹⁰.—Flatulence, causing a sensation of fulness in the abdomen, at 10 P.M. (fourth day),⁵.—Pain in the abdomen,¹⁰.—Wandering pains in bowels,¹⁰.—Dull, heavy pains in the abdomen,¹⁰.—Fulness, pressure in abdomen,¹⁰.—[220.] Griping pains in bowels, from the umbilicus down,¹⁰.—Periodic colic, with inclination to bend forward, relieved after stool,¹⁰.—Soreness of abdominal muscles on taking a full inspiration,¹⁰.—**Hypogastrium and Iliac Regions.** Flatus; rumbling in lower part of abdomen at 10 A.M. (fourth day),⁵.—Rumbling in lower abdomen,¹⁰.—Fulness and pressure in lower part of abdomen; increased pressure next day, with some pain,⁷.—Soreness in lower abdomen (second day),¹².—Slight pain in left iliac region; afterwards, severe pains in bowels, mostly below the umbilicus, with weight and pain in lumbar and sacral regions,¹⁰.

Rectum and Anus.—Disposition to diarrhœa,¹⁰.—Disposition to diarrhœa, in the evening,⁴.—[230.] Slight disposition to diarrhœa,⁴.—Slight disposition to diarrhœa, after rising (second day),⁴.—Urging to stool; inclined to diarrhœa,¹⁰.

Stool.—Diarrhœa. Scanty diarrhœa, with tenesmus (fourth dose),¹⁰.—Two copious papescent stools in morning,¹⁰.—Copious papescent stool in morning,¹⁰.—Large papescent stool, with general indisposition (after second dose),¹⁰.—**Constipation.** Fæces hard and dry,¹⁰.—Constipation,^{3 10}.—*Evacuations natural during provings, but *alternate constipation and tendency to diarrhœa for a month after*,¹⁰.—[240.] Evacuation regular and natural during the proving, but for a month afterwards, alternate constipation and tendency to diarrhœa,⁴.

Urinary Organs.—Urethra. Violent stitches in urethra in morning,¹⁰.—Disposition to frequent urination (second day),⁷.—Disposition to frequent urination, with increased secretion,¹⁰.—**Micturition.** Increased secretion of pale urine,⁶.—**Increased flow of urine* (second day),⁸.—Profuse flow of clear watery urine,¹⁰.—Passes a great quantity of clear urine, which makes her feel very weak,¹⁶.—During the first of the proving it was necessary to void urine about once an hour,³.—Urine scanty and high-colored (fourth day),¹⁵.—[250.] Retention of urine for eighteen hours, followed by frequent micturition,¹⁰.—**Urine.** The second specimen showed that from a normal standard the urine in sp. gr. had gone down to 1.005. The following specimen showed that a change was taking place, and the next that it had gone up to 1.019. It soon reached 1.020, at which point it remained. It was collected in a vessel, and allowed to repose till the expiration of twenty-four hours, at which time it was strongly acid to litmus, and to the eye presented a dull cloudy appearance. A closer examination showed that there were thousands of little fibres, about the eighth of an inch in length, which the microscope exhibited as fibrinous casts of uriniferous tubes, (!) with minute lozenge-shaped crystals of uric acid adhering to their sides. On the addition of a few drops of hydrochloric acid quite an abundant deposit was thrown down, which presented the beautiful

variety of colors peculiar to these crystals,³.—In the vessel could be seen a copious deposit of uric acid in the form of yellow sand, while above it floated a cloud of mucus and the urate of ammonia. The urine above the cloud was filled with floating particles of yellowish sand, which seemed to be gradually settling to the bottom, presenting the appearance of a free admixture of ginger and water. Specimens of the sand were examined by heat, acids, and the microscope, carefully enough to determine that it was uric acid of the nucleated form of crystals, with the obtuse angles rounded so as to make an elliptical figure,³.—Urine yielded abundant crystals on the addition of nitric acid; these crystals had the fine satin-like lustre peculiar to the nitrate of urea, and were deposited without previous evaporation of the urine, which indicates that urea was largely in excess,³.

Sexual Organs.—**Male.** Pain and tenderness in testicles,¹⁰.—Pain and retraction in right spermatic cord,¹⁰.—Drawing pain along right spermatic cord,¹⁰.—**Female.** Leucorrhœa and chronic inflammation and congestion of uterus cured during the proving, while no other symptoms were observed on the provers until disappearance of the uterine disease,¹⁰.—(Leucorrhœa of long standing cured during a week's proving),¹⁰.—Bruised, sore feeling in vagina (second day),¹².—[260.] *During menses, very severe bearing-down, forcing pains,¹³.—Labor-pains ceased entirely for thirty-six hours (after two hours),¹⁷.—Taken unwell in the morning; wandering pain in back and around through hips, inside, lasting all morning, quite severe at 10, when she was obliged to lie down; has never had so much pain during menses; flow more profuse since 5 P.M. (second day),¹².—Menorrhagia,¹⁰.—Suppression of menses,¹⁰.

Respiratory Organs.—**Larynx and Bronchi.** Constant inclination to cough, from tickling in the larynx, increased by speaking,¹⁰.—Constant inclination to cough for half an hour, caused by a tickling sensation in the larynx, which almost prevents speaking, at 7.30 P.M.; an attempt to speak is followed by an inclination to cough (fourth day),⁵.—Sensation of slight contraction in the bronchial tubes, which rendered expiration somewhat difficult, after a full inspiration (after six hours),³.—**Voice.** Hoarseness (fourth day),⁴; (after nine hours and a half),⁵,¹⁰.—Hoarseness after rising (second day),⁴.—[270.] Hoarseness, more towards night,¹⁰.—Hoarseness and roughness of throat,¹⁰.—Hoarseness, roughness, and scraping in the throat,¹⁰.—Hoarseness, with roughness and scraping of the throat,¹⁰.—Hoarseness; unpleasant fulness in pharynx (third day),⁵.—Slight hoarseness (fifth day),⁴.—**Cough.** Dry cough of long standing cured after short irritation of throat and expectoration,¹⁰.—Dry, short, hacking cough, night and day, for two weeks,¹⁰.—Slight dry cough four or five times, produced by tickling in larynx (after nine hours and a half),⁵.—Short dry cough,¹⁰.—[280.] Short dry cough several times during the evening, caused by tickling in the larynx (third day),⁵.—**Respiration.** *Offensive breath,*⁷,¹⁰.—Offensive breath,¹⁰.—Decidedly quickened respiration on waking,¹⁰.—Difficult respiration after slight exertion, with general feeling of illness,¹⁰.

Chest.—Slight pain in chest,¹⁰.—Soreness of the chest (second day),⁷,¹⁰.—Lancinating pain along cartilages of false ribs, increased by inspiration,¹⁰.—Lancinating pain along the cartilages of the false ribs, increased by taking a long inspiration, soon after waking, at 3 A.M. The same pain, very severe and piercing, so as almost to prevent inspiration for a short time, immediately after retiring, between 10 and 11 P.M., and continuing for half an hour,⁴.—Prickling sensations during the day in the (female) mammae, with cold chills,⁷.—**Sides.** [290.] Pain in the left side of the chest,¹⁰.—

**A catching pain in the left side, just where the heart is*, which comes on when she bends her body forward, sometimes when sitting still at dinner and after dinner,¹⁶.—Acute pain in right lung, from apex to base, to the right of the sternum, aggravated by inspiration,¹⁰.—Acute pain in right lung, extending from apex to base, about two inches to the right of the sternum, aggravated by every inspiration, continuing for two hours, and gradually diminishing in intensity until after retiring; similar pain next morning, for half an hour, but much less severe (second day),⁵.

Heart and Pulse.—Præcordium. **Pain in region of heart, followed by slight palpitation*; at the sixth hour the pain was felt all the time, and accompanied by frequent paroxysms of palpitation,³.—Stitches in the region of the heart or in the heart,¹⁰.—**Heart's Action.** Palpitation and faintness,¹⁰.—**Pulse.** Pulse quick and weak,¹⁰.—Pulse feeble and accelerated,¹⁰.—Pulse increased twelve beats (after three hours),².—[300.] *Pulse 70 or 80, *irregular* (after one hour),¹⁰.—Pulse ranged at about 80 (15-drop doses),³.—Pulse 86, full, hard, and *irregular* (after twenty minutes),³.—Pulse too slow, every third or fourth pulsation intermitting (second day),⁴.—Pulse too slow, every third or fourth beat intermitting,¹⁰.—Pulse fallen from 78 to 72 (after one hour),³.—Pulse went down to 69 (after six hours),³.—Depression of the pulse, which remains for a considerable time,¹⁸.—The pulse is considerably lowered, and is apt to remain so for some time,¹⁸.—Pulse very weak, with general feeling of lassitude and weakness, with heat and smarting of the face (after third dose),¹⁰.—[310.] Pulse weaker and very irregular; 80 to the minute (after three-quarters of an hour),¹⁰.—Feeble pulse (during the first twelve hours),¹⁷.—In the morning, pulse feeble, with weakness and trembling,¹⁰.—Pulse small,¹.

Neck and Back.—Neck. Stiffness of neck,¹⁰.—Stiffness of neck, in evening,⁴.—***Rheumatic pains in the muscles of the neck and back**; a feeling of stiffness and contraction,¹⁰.—Cramping in the muscles of the neck on moving the head, first in the left, afterwards in the right side,¹⁰.—**Back.** Trembling and weakness in the back,¹⁰.—Pain as of boils in the back, small of back, and extremities,¹⁰.—[320.] Terrible backache (second day),¹⁵.—Symptoms of the back, etc., felt for several days,¹⁰.—Backache better from pressure (second day),¹².—**Dorsal.** Pain below left scapula,¹⁰.—Occasional slight pain in either scapula and right shoulder,¹⁰.—Occasional slight pains in either scapulæ and left shoulder,¹⁰.—Dull pain behind right scapula,¹⁰.—Dull pain in region of lower dorsal and upper lumbar vertebræ,¹⁰.—**In the morning, on bending the neck forward, a severe drawing-tensive pain at the points of the spinous processes of the three upper dorsal vertebræ, which continued for several hours*,¹⁰.—Drawing pain in a single muscle between the right scapula and spine, for some hours,¹⁰.—[330.] Stitches in back, a little below the right scapula and spine,¹⁰.—**Lumbar.** Lame, tired feeling in the back, extending from the region of the kidneys to the sacrum, relieved by rest and increased by motion,¹⁰.—***Weight and pain in the lumbar and sacral regions**, sometimes extending all around the body, somewhat below the crest of the ilium,¹⁰.—Feeling of weight in the small of the back,¹⁰.—Weak trembling pain in the small of the back,¹⁰.—In early morning, dull pain in small of back, both sides of spine,¹¹.—A dull heavy pain in the back, in the region of the right kidney; this pain (after twenty minutes) was continuous and increased by motion,³.—Dull, heavy aching in small of back, extending towards the sacrum,¹⁰.

Extremities in General.—Objective. **Trembling in the limbs*; scarcely able to walk,¹⁰.—*Twitching of the fingers and toes (second day),¹⁵.—

Subjective. [340.] *An "uneasy feeling," amounting to "almost an ache," through all the extremities every time she took it, which would continue from one to three or four hours,²⁰—Pains in the extremities,¹.—Pain in the extremities, as of boils, with fulness of the head on left side,¹⁰.—Restless, drawing sensation in the extremities,¹⁰.—Pain in all the limbs (second day),¹⁵.—Rheumatic pains in the muscles of the arms and legs, of a drawing character,¹⁰.—Pain in right arm, elbow, wrist, and in the knee, extending down to the ankle,¹⁰.—In morning, his joints felt, on motion, as if he had labored exceedingly hard the previous day; joints felt stiff for a day after,¹⁰.

Superior Extremities.—Severe pains in the arms, with a numbing sensation, as if a nerve had been compressed. These pains were first felt in the shoulder, and passed down the arm, and then the forearm, producing a very peculiar lame, numb, and sometimes cramping sensation. Similar pains in the legs, but more severe and constant in the upper part of the thigh, about the hip-joint and inguinal region. Slight rheumatic pains all next day,¹⁰.—Dull pain in the right arm, in the muscles, from the shoulders to the wrist,¹⁰.—[350.] Dull pain in right arm, deep in the muscles, extending from the shoulder to the wrist, continuing during the next day,⁹.—**Elbow.** Laming, aching pain in left elbow-joint, anteriorly,¹¹.—**Wrist.** Lameness of left wrist,¹⁰.—Pains in wrist and right elbow, which had continued all day, were relieved,¹⁰.—**Hand.** Hands and forearms weak and trembling; cannot grasp anything firmly; later, hands and feet cold as death, with general chilliness,¹⁰.—**Fingers.** *Trembling of the fingers when writing,¹¹.—Lameness and inability to flex the second finger of left hand,¹⁰.

Inferior Extremities.—Rheumatic pain in left leg,¹⁰.—**Thigh.** Constriction of left sartorius muscle,¹⁰.—**Knee.** Rheumatic pain in knee-joint,¹⁰.—**Leg.** [360.] Lameness in right leg, worse when bending forward; soreness and stiffness, moved forward to inside of ankle (second day),¹².—While walking out of doors, sense of aching and shortening in the tendo Achillis (left leg), (second day),¹¹.—Towards evening, soreness, aching, and stiffness in region of tendo Achillis, aggravated by walking (second day),¹⁴.—**Ankle.** Sharp wandering pains in left ankle and scapula (after twenty minutes),³.—Exerciating pain in left external malleolus and left forearm,¹⁰.—**Foot.** Feeling in foot as if it had been compressed,¹⁰.—**Toes.** *Pain in right great toe (second day),¹⁵.—*Dull aching-burning pain in second joint of right great toe,¹⁰.—*Dull burning-aching pain in second joint of right great toe, extending up the limb, continuing an hour, from 8 to 9 P.M. The same pain at the same time the next evening, but not extending up the limb. The same pain, less severe, on the third evening,⁴.—Stinging of left great toe for a few moments on the lower surface, and afterward on the upper, in the afternoon,⁷.

General Symptoms.—**Objective.** [370.] *Nervous shuddering through upper and back part of body,¹¹.—Very trembling,¹¹.—*Tremors all over (after third dose),¹⁰.—*After going to bed, jerking commenced on the side on which he was lying, obliging him to change his position; it began by a perceptible twitching in the left foot,¹⁰.—Easily fatigued, as after great exertion,¹⁰.—Weak, trembling, exhausted, sinking feeling, with slight nausea,¹⁰.—Nervous weakness, afternoon,¹⁰.—Prostration (during the first twelve hours),¹⁷.—**Restlessness.** *Restlessness,¹.—Restlessness, afternoon, moving about, not knowing what to do,¹⁰.—[380.] *Continual restlessness during the forenoon; desire to move about, not knowing where to go, or what to do,⁸.

—Restless the latter part of the night,¹⁰.—During night, very restless,⁶.—**Nervous uneasiness*, during the afternoon (second day),⁶.—**The general uneasiness and disturbance in the whole system was such that it was difficult to fix the attention on any subject of business or study*,³.—Uneasy feeling, hardly amounting to pain, in all parts, principally the right side,¹⁰.—All day nervous, full of work, and doing it fast,¹¹.—**Sensibility*. Sensitiveness to cold air,¹⁰.—Great sensitiveness to cold air, which seemed to penetrate the system (second day),⁶.—**Subjective*. Desire to lie down and close the eyes,¹⁰.—[390.] General feeling of weariness, weakness, and prostration, as if from over-exercise,¹⁰.—Feels tired,¹⁰.—Feels very tired,⁷.—Feels very tired and worn out (fourth day),¹⁵.—Feeling of exhaustion, as from over-exercise,¹⁰.—Sensation as if from severe muscular exercise, especially in the small of the back,¹⁰.—Feeling, which only those know who “spree,” “court,” or watch all night with the sick,¹⁰.—Feels bad generally (third day),¹⁵.—General feeling of illness,¹⁰.—In morning, general feeling of lameness, and many unenviable feelings, which he thinks the feeling on getting over a “spree” would hardly express, unless it was a pretty hard case,¹⁰.—[400.] Sick all over; so weak and trembling as not to be able to go out or study; believes the condition to be but one remove from mania-a-potu; next morning weak and trembling (after fourth dose),¹⁰.—**Soreness and stiffness of whole body*, as after hard labor,¹⁰.—**General bruised feeling, as if sore*,¹⁰.—Peculiar tingling in the muscles, followed by an aching pain in the limbs, from above downward,¹⁵.—**Affects the left side most*,¹⁰.

Skin.—Eruptions, Dry. Small red papillæ first appeared, becoming a diffused redness,¹⁰.—**Eruptions, Pustular*. Single pimples on the back of the hand, with a little pus at the apex,¹⁰.—In morning, soon after rising, observed a single pimple on dorsal surface of left hand; it was larger, but similar in appearance to those produced two months since; a little pus secreted at its apex; after three or four days it disappeared (second day),⁴.—**Ulcers*. Ulcer on inner surface of lower lip,¹⁰.—Small ulcer on inner surface of lower lip,⁴.—**Subjective*. [410.] Itching of the back of the hand and wrist,¹⁰.—Itching and redness of the back of the hand,¹⁰.—Itching and redness of the dorsal surface of the right hand, in the afternoon, and especially in the evening,⁴.—Itching of the dorsal surface of the left hand and wrist, particularly on the dorsal surface of the thumb, in the evening; small red papulæ first appeared, becoming, after slight irritation, a diffused redness, which disappeared in a few hours, but could be reproduced at any time by slightly irritating the surface; this symptom gradually disappeared in a few days,⁴.

Sleep and Dreams.—Sleepiness. Very sleepy (second day),¹⁵.—In afternoon, felt as if he could not keep awake, but must lie down and go to sleep,¹⁵.—Drowsiness, with creeping chills upon the back, during the evening, followed by frequent wakings during the night, and desire to throw off the bedclothes, although the thermometer was below zero,¹⁰.—So drowsy that he laid down and soon fell asleep, and remained in this state an hour (after two hours),².—**Sleeplessness*. During the night, slept well for three or four hours, then restless,⁴.—**Sleep very restless*,¹⁰.—[420.] Disturbed, restless, unrefreshing sleep from 3 to 5 A.M., with disposition to fold the arms over the head (second day),⁴.—Frequent wakings during the night, and a copious, papaceous stool in the morning,¹⁰.—Frequent wakings during the night, during some of which there were flushes of heat, and desire to throw off the bedclothes, when the thermometer was below zero,¹⁰.—Cannot sleep

at night (fourth day),¹⁵.—**Dreams.** Troublesome dreams,¹⁰.—**Unpleasant dreams of being in trouble, of being in a sad plight*,⁴.

Fever.—Surface of the body, together with that of the face and hands, became cool and dry (after six hours),³.—Chilliness in the forenoon,¹⁰.—Afternoon chilliness (second day),¹².—Cold chilliness, with cold hands and feet,¹⁰.—[430.] Chilly, in bed before rising (third day),¹⁵.—General, internal, nervous, chilly feeling all over, but less over the back,¹¹.—Cold chills, with prickling sensations in the breasts,⁷.—Cold chills and prickings in the female mammæ,¹⁰.—Occasional cold chill,⁷.—Coldness and chills, especially of the arms and feet,¹⁰.—Soon after waking, in morning, whole surface became cold,¹⁰.—Soon after waking, at 3 A.M., the whole surface became cold; slight cold perspiration, and sensation as if it would become profuse, continuing for an hour, accompanied by lancinating pain along the cartilages of the false ribs left side, increased by taking a long inspiration (second day),⁴.—During afternoon, chilliness in back,¹⁴.—**Heat.** Heat in front part of head,¹⁰.—[440.] Heat in left side of face, with lassitude all over,¹⁰.—Increased heat of face; slight inclination to sweat; pulse rather full, and 90 in the minute, it being nearly 80 before taking the drug (after three-quarters of an hour),¹⁰.—Flashes of heat in cheeks,¹¹.—Heat, pain, and weariness in the region of the kidneys (second day),³.—**Sweat.** Disposition to perspire at night, for three weeks,¹⁰.—Perspiration, headache, similar to morning sickness during pregnancy, etc.,¹⁰.—Slight cold perspiration, with lancinating pain along cartilages of false ribs, increased by inspiration,¹⁰.—Skin dry and hot,³.—Cold sweat on hands and feet (third day),¹⁵.

Conditions.—Aggravation.—(*Morning*), On waking, pain in head; on getting up, dull headache; before breakfast, pain in forehead; on waking, at 2 o'clock, pain in forehead, etc.; after rising, pains in vertex, etc.; on rising, pain in eyeballs, etc.; after rising, coryza; dry mouth; before eating, faintness at epigastrium; before breakfast, pain in epigastrium, etc.; after breakfast, sense of tremor in stomach; after rising, disposition to diarrhœa; papescent stools; stitches in urethra; on waking, quickened respiration; on bending neck forwards, pain at points of spinous processes of vertebræ; early, pain in small of back; feeling in joints; from 3 to 5 o'clock, disturbed sleep, etc.; in bed, before rising, chilly; soon after waking, surface cold.—(*Forenoon*), At 9 o'clock, headache; at 10 o'clock, aching of eyes; eyeballs painful; coryza; at 10 o'clock, feeling in malar bones, etc.; sense of aching along œsophagus; faintness in epigastrium; at 10 o'clock, rumbling in abdomen; restlessness; chilliness.—(*Afternoon*), Depression, etc.; pain in head; dull pain in forehead; pain in eyelid; at 4 o'clock, sneezing; inclination to sneeze; uneasiness in teeth; at 4 o'clock, dryness of pharynx; sensation in stomach; towards evening, soreness, etc.; in region of tendo Achillis; stinging of great toe; nervous weakness; itching on hand; chilliness; chilliness in back.—(*During forenoon and part of afternoon*), Dull pain in head.—(*Evening*), Pain in head; at 10 o'clock, pain in forehead, etc.; fulness in vertex; after retiring for the night, pain in eyeball; obstruction of nostril; stinging in nose; sore throat; towards night, hoarseness; at supper, no appetite; at 10 o'clock, rumbling of flatus; at 10 o'clock, flatulence; disposition to diarrhœa; dry cough; stiffness of neck; from 8 to 9 o'clock, pain in great toe; after going to bed, jerking; feeling of lameness, etc.; itching, etc., on hands; drowsiness.—(*Afternoon and evening*), Pain in vertex.—(*Night*), Pain from eyeball through occiput; dryness of pharynx, etc.; restlessness; disposition to perspire.—(*Bending forward*), Lameness in leg.—(*After hearty dinner*), Frontal headache.—

(*Inspiration*), Pain along cartilages of ribs; pain in lung; pain in hypochondriac region.—(*During menses*), Forcing pains.—(*Motion*), All symptoms; soreness in occipital region; pain in hypochondriac region; lame, etc., feeling in back.—(*Outdoors*), Frontal headache; while walking, aching, etc., in tendo Achillis.—(*Speaking*), Inclination to cough.—(*After supper*), Pain in epigastrium.—(*Walking*), Soreness, etc., in region of tendo Achillis.

Amelioration.—(*Open air*), Pain in head; pain over eye.—(*Eating*), For a time, seemed to relieve all symptoms.—(*Pressure*), Backache.—(*Rest*), Lame, etc., feeling in back.—(*In room*), Headache in frontal region.—(*After stool*), Colic.—(*Supper*), Nausea, etc.

CINA.

Artemisia maritima, var. *Stechmanniana*, Besser; (*A. Lecheana*, Karel et Kiril; *A. maritima*, var. *pauciflora*, Weber.)

Nat. order, Compositæ; *Common names*, Flores Cinæ (Semen Cinæ), Wormseed, Wurmsamen.

Preparation. Tincture of the flower heads (commonly called seeds).

Authorities. 1, Hahnemann, R. A. M. L.; 2, Ahner, *ibid.*; 3, Gross, *ibid.*; 4, Langhammer, *ibid.*; 5, Ruckert, *ibid.*; 6, Stapf, *ibid.*; 7, Andry, *De gener. vermin. observ.*, *ibid.*; 8, Bergius, *Mat. Med. Observations*, *ibid.*; 9, Pelargus, *Obs.* I, 8, 31, 279, *obs. of overdosing*, *ibid.*; 10, Noack, effects of a teaspoonful of the powder in a boy of 2½, *Hygeia*, 16, 81; 11, Schmid, a boy of 5 took several large doses of the seeds, *Deutsche Klin.*, 1852; 12, *Archive für Hom.*, 16, 2, 206, effects of powder on children; 13, von Linstow, effects of 10 grammes of seeds on a girl of 10, apparently suffering from worms, *Vjhrschr. f. Ger. Med.*, xxi, 1, 80, 1874 (*S. J.*, 165, 21).

Mind.—**Emotional.** **Delirium*,⁹.—**Delirium, and crying out*,¹².—**Cries piteously if one takes hold of it or carries it* (after three hours),¹.—**The child is whining and complaining*,⁶.—Moaning and groaning (in the afternoon),¹.—Great anxiety and apprehension, while walking in the open air, as if something evil had happened to him (after thirty-seven hours),⁴.—**Great earnestness and sensitiveness; he is offended at the slightest joke*,⁴.—***Cannot be quieted by any persuasions; remains proof against all caresses**,¹.—Scorns everything, even those things of which he is usually fond,¹.—[10.] Indifference; neither agreeable nor disagreeable things make the slightest impression upon him,⁴.—**Intellectual.** *Loss of consciousness, and frothing from mouth,¹².—**Head.**—**Vertigo.** Vertigo,¹¹.—**General Head.** The child leans the head to one side,¹.—Headache aggravated by reading and reflecting, relieved by stooping,³.—Headache, with sensation of general discomfort,³.—Violent headache,⁹.†—**Stupefying internal headache, on walking in the open air, especially in the forehead, afterwards also in the occiput* (after three hours),⁴.—*Dull headache, with affection of the eyes, in the morning*,⁵.—Headache as if the whole head were screwed in, with confusion,³.—[20.] A dull drawing pain within the head, immediately after eating and afterwards, aggravated by reading and by mental labor,³.—Some headache the whole day, a tearing pressure; it also extends into the malar bone,¹.—Pressive pain in the head the whole day, at evening also in the forehead,⁵.—Dull stitches in the brain, especially in the left parietal region (after one hour and a half),⁵.—**Forehead.** Pain, as if the upper part of

† In a child with Ss. 1 and 186.—HUGHES.

the frontal bone were forcibly pressed together from both sides,³.—**Drawing from the left frontal eminence to the root of the nose, causing confusion of the head*,³.—Pressure in the frontal bone, afterwards with a waving, like a beating of waves,³.—Drawing pressure in the left side of the forehead,³.—A pressive stupefying pain externally in the forehead and temples, which at last involves the whole head, while sitting (after thirty-six hours),⁴.—Pain pressing from above downward externally in the forehead, as if it were gradually pressed down (after three-quarters of an hour),⁴.—[30.] Dull stitches in the frontal bone above the right temple, forcibly extending deep into the head; they threaten to stupefy him,³.—Paralytic-like tearing in the left frontal eminence, with stupefaction of the head; immediately after in the right frontal eminence,³.—**Temples.** Cramplike drawing in the temples, increased by external pressure,³.—Pressive pain, like a fine tearing, in the left temporal region; disappears on moving the head (after eleven hours),⁴.—Tensive tearing pain in the right temple,⁵.—**Vertex.** **On the middle of the vertex an intermitting pressure, as from a heavy weight, as if the brain were pressed down; pressure increases and renews the pain*,³.—**Parietals.** A small spot on the right parietal bone seems numb and asleep,³.—A pressing-out pain in the right parietal bone and right side of the forehead, on waking from sleep,¹.—Drawing-tearing pain in the whole left side of the head,².

Eye.—**He looks sickly about the eyes, with paleness of the face*,³.—[40.] Weakness of the eyes in the morning; the upper lids were so weak that he could scarcely open them, lasting the whole forenoon,².—Sensation of dryness within the eyes, with drawing pressive pain if he exerts the eyes only a little, while reading,⁵.—Dull pain in the eyes, while reading and during mental labor,⁵.—Pressure within the eye, usually with dilatation of the pupil,⁵.—**Brow and Orbit.** *Pulsation of the superciliary muscles; a kind of convulsion*,³.—Dull pressure on the lower margin of the orbit; increased and renewed by pressing upon it,³.—**A slow stitch, extending from above the upper orbital margin deep into the brain*,³.—**Lids.** Dryness of the lids, with oppressed sensation in them, as from sand in them, in the evening by the light,³.—(Burning in the eyelids, especially in the inner canthus, in the evening in the light),³.—Crawling in the lids, so that he is obliged to rub them,³.—[50.] (Agglutination of the inner canthus with matter, in the morning after rising),³.—Burning pain in the external canthus, mingled with itching on the margin of the upper lid (after two hours),¹.—Tickling-itching in the right inner canthus, which obliges him to rub it (after one hour),⁴.—Tickling-itching in the left external canthus, obliging him to rub it (after thirty-six hours),⁴.—**Pupil.** **Pupils dilated*,¹³; (after half an hour),⁴.—Contracted pupils (after three hours and a half),⁴.—Great contraction of the pupils (after one hour),⁵.—**Vision.** While reading, it becomes dim before the eyes, so that he can only read by rubbing the eyes vigorously with the fingers,².—**On rising from the bed, it becomes black before the eyes, with dizziness in the head and faintness; he totters to and fro; relieved on lying down*,¹.—In the evening, when he is looking sharply (reading by the light), everything appears as if seen through a gauze; relieved for a short time by wiping the eyes,³.—[60.] Blue seems green, carmine-red fawn-colored, madder-red bronze-colored, white yellow,¹¹.

Ear.—Dull sticking beneath the mastoid process, like a pinching pressure; when pressed upon it feels as after a bruise or blow,³.—Cramplike jerking in the external ear, like an earache,³.

Nose.—**Objective.** **The child frequently bores into the nose so long*

that the blood comes,¹.—**Violent sneezing* (after one-eighth of an hour),^{4,5}.—Sneezing so violent that it is felt in the head, and presses out at the temples; a pressing-outward headache through the temples remains for some time afterwards,³.—Sneezing so violent that it seems as though the chest would burst out on both sides, followed by a pain, especially in the right side,³.—Discharge of purulent matter from the nose,^{9,†}.—A kind of coryza; he is obliged to blow the nose frequently; it is constantly full of loose mucus (after a few days),³.—[70.] Violent coryza (after three-quarters of an hour),⁴.—Stoppage of the nose in the evening, followed by fluent coryza in the forenoon,³.—*Subjective*. Deep internally, not unpleasant, hot, burning sensation in the left nostril, as if blood would come, or as after snuffing up brandy,³.—Burning-aching on the septum of the left nostril, as if one had picked off a scab; aggravated by external touch,³.

Face.—*Face red,¹².—Face bluish, puffy,⁶.—*Face pale and cold,¹.—*Cheeks*. *Pain as if both malar bones were seized by pincers and pressed together; aggravated by external pressure,³.—Periodic tensive-tearing pain in the malar bones, wandering from one place to another, aggravated by pressure,⁵.—Cramplike jerking in the malar bone; if the pain has disappeared it is renewed by strong pressure upon it, but after that it seems to be a constant cramplike or paralytic pain,³.—*Lips*. [80.] *White and bluish about the mouth,^{9,‡}.—*Lower Jaw*. Dull sticking pain in the right ramus of the lower jaw, aggravated by pressure,⁵.—Some fine stitches, as with needles, in the left lower jaw, aggravated by pressure with the hand,².—Jerking pain in the left lower jaw,².—Pressive pain in the submaxillary glands,¹.

Mouth.—Toothache, as from soreness,¹.—Inspiration of air and cold drinks cause pain in the teeth,¹.—(Several round worms come through the child's mouth),⁶.—Dryness and rawness in the month, especially of the palate, with uneasy qualmishness (after three hours and a half),⁴.

Throat.—Is constantly obliged to hawk and hack in the morning, on account of much mucus, which constantly collects in the back of the throat and in the larynx,³.—[90.] Great dryness in the back of the throat (air-passages), in the morning; a catarrhal sensation,³.—*Swallowing*. *Cannot swallow,¹.—Inability to swallow; drinks roll around in the mouth a long time,⁶.

Stomach.—*Appetite and Thirst*. *Great hunger soon after a meal,³.—*Desires many and different things,¹.—No appetite,¹².—*Thirst,¹¹².—*Eruetation and Hiccough*. Empty eruptions in the morning, fasting,³.—Eruetations tasting of the food, after dinner,³.—Eruetations of a bitter acid fluid in the mouth, not long after a meal,³.—[100.] Frequent hiccough (after one hour and a quarter),⁴.—*Nausea and Vomiting*. Nausea, with emptiness in the head,².—Qualmishness in the pit of the stomach, with creeping shivers, immediately,³.—*Vomiting only mucus,¹².—*Violent vomiting,¹³.—Repeated violent vomiting of yellow water (after ten minutes),¹⁰.—*Stomach*. Pain in the pit of the stomach, impeding respiration (after four hours),⁴.—(Constant pressure in the stomach at night),¹.—Dull sticking in the left side beneath the pit of the stomach, aggravated by pressure, and relieved by deep inspiration,³.

Abdomen.—*Umbilical*. Boring pain above the navel, disappearing on pressure,².—[110.] Pressive pain in the navel after eating, also caused by pressing upon it,³.—Violent pain in the navel and in the umbilical region, as if one forcibly pressed the navel inward, or as if one received a

† With Ss. 1, 16, 186.—HUGHES.

‡ Not found.—HUGHES.

blow there, at first for a short time, afterwards for a long time, when it was aggravated by pressure,².—**Painful twisting about the navel*, pain also on pressing upon the navel,³.—Sudden, deep, sharp, intermitting stitches internally to the left side, near the navel, especially on inspiration, and always associated with stitches on the inner side of the shoulder-blade, towards evening (after twelve hours),⁵.—**General Abdomen.** Crackling of flatulence, and slight inaudible motions in the abdomen,³.—Sensation of emptiness in the abdomen, with slight passage of flatus (after one hour),⁴.—Continued griping in the abdomen,⁹.—Cutting-griping in the abdomen that is only relieved after going to stool (after four hours),⁴.—Twisting-digging pain in the upper abdomen (epigastric region), as from a bruise,³.—**A pinching or cramplike pressure transversely across the upper abdomen, in the region of the pit of the stomach, after a meal*,³.—[120.] When the headache disappears there is a pressive pain in the abdomen, and when this disappears the headache returns,¹.—Intermitting, needle-like stitches in the left side, similar to gripings in the bowels, while sitting (after ten hours),⁴.—**Hypogastrium and Iliac Region.** Cramplike, frequently recurring pains in the abdomen, as if menstruation would appear (after two hours),¹.—Violent, single, isolated stitches in the lower part of the abdomen, on the passage of flatus,².—Pulsation in the lower abdomen just above the mons veneris, internally, as from an internal beating of the pulse,³.—Cutting colic in the ilium, in the morning,³.

Stool.—**Watery diarrhœa* (after ten minutes),¹⁰.

Urinary Organs.—**Frequent urging to urinate, with passage of much urine, the whole day* (after three hours),⁴.—**Urine became immediately turbid*,¹.

Sexual Organs.—Hæmorrhage from the uterus, so long as she continued to use Cina (in a girl of 10 years),⁸.

Respiratory Organs.—**Larynx, Trachea, and Bronchi.** [130.] A loud whistling râle in the air-passages, on inspiration; not heard on expiration (after twelve hours),⁴.—Disposition to cough caused by deep breathing,³.—Tickling irritation to cough in the air-passages beneath the manubrium of the sternum, with a whitish mucous expectoration (after sixteen hours),⁴.—Tickling irritation to cough low down in the air-passages; when he coughs, a whitish mucus is expectorated (after twenty-four hours),⁴.—**Cough and Expectoration.** In the morning he is obliged to cough with such force in order to loosen the mucus that had accumulated over night, that the tears came into the eyes,³.—**Paroxysm of violent cough from time to time*,¹.—Hollow cough in the morning, after rising; violent shocks against the upper part of the air-passages, whereby the mucus is loosened, though with difficulty (after a few days),³.—**Gagging cough in the morning, after rising; the irritation thereto (as from dust) is renewed by inspiration after a long interval*,³.—**Hoarse gagging cough, consisting of a few shocks, which is renewed only after long intervals, in the evening*,³.—**After coughing, the child cries au! au! a noise like a gurgling going down is heard; she is anxious, catches her breath, and becomes very pale in the face; paroxysms lasting two minutes*,¹.—[140.] Mucus in the larynx, which he expectorates by voluntary hacking and hawking (after six hours),⁴.—*In the morning, after rising, mucus hangs in the larynx; he is frequently obliged to hawk it up, after which it soon collects again*,³.—**Respiration.** Rattling respiration while walking in the open air, as if there were much mucus in the chest, without being obliged to raise it (after six hours),⁴.—Very short breath, with very loud rattling in the chest,⁶.—

* *Very short breath at times, with interruptions, so that some inspirations are omitted*,¹.—Very short rattling respiration,¹.—Difficult loud respiration (after half an hour),¹.—Dyspnoea while standing (lasting half an hour), with anxiety, whereby he sweats very much on the chest,².

Chest. Oppression of the chest on inspiration,³.—Some stitches in the chest from time to time,⁵.—[150.] Fine pinching on the clavicle, like the pressure of a dull pain,³.—**Front.** Pinching pain on the sternum, when writing,³.—Aching in front of the sternum by itself,³.—Painful digging in the upper part, beneath the sternum,³.—Cramplike digging pain beneath the sternum, as if the chest would be pressed asunder,².—A kind of oppression of the chest; the sternum seems too close to the chest, and the respiration seems oppressed,⁵.—Dull stitches near the sternum on one of the cartilages of the ribs, increased by pressing upon it and by expiration, relieved by inspiration,³.—Two dull piercing stitches in rapid succession beneath the clavicle, near the sternum, on deep inspiration, not felt on expiration; pressure was painful,³.—With the morning cough, the upper part of the chest hurts (beneath the upper part of the sternum), and when with difficulty he has loosened something, the place pains for a long time, is sore and burning, as if something had been torn off,³.—**Sides.** Cramp-like contraction of the left half of the chest,³.—[160.] Pinching pain in the left side of the chest, between the second and third ribs,².—Pinching pains in the left side of the chest, aggravated by every inspiration (after thirty hours),².—A pressing-out pain, now in the left side of the chest, now in the small of the back; the latter seems as from much stooping, especially on expiration (after four hours),⁴.—Sudden oppressive pain on the left side of the chest,².—Boring-sticking pain in the right side below the ribs, disappearing on pressure,².—Pinching-sticking pain in the left side of the chest, lasting a quarter of an hour,².—Jerking-sticking pains in the right side of the chest, between the sixth and eighth ribs, not affected by pressure or respiration,².—Sudden jerking stitches in the left side of the chest, between the fifth and sixth ribs,².

Heart and Pulse.—Trembling of the heart,³.—Pulse small, contracted, regular,¹⁰.

Neck and Back.—**Neck.** [170.] Paralytic sensation in the nape of the neck,⁵.—Boring stitches in the right cervical muscles, rhythmical with the beat of the pulse, disappearing on moving the neck (after eleven hours),⁴.—**Back.** The spine seems as if broken while lying upon the side, in the evening, in bed,³.—The spine pains as if broken when lying on the back in bed,³.—**Drawing-tearing pain down along the whole spine* (after twenty-nine hours),².—**Tearing-jerking pains in the middle of the spine*,².—**Dorsal.** Aching in the scapulæ if he moves them,³.—Sticking pain on the outer margin of the right scapula,².—Sticking pain in the middle of the spine; it disappears on moving the body, but returns during rest,².—Tearing-sticking pain in the upper part of the spine, extending to the right shoulder-blade,³.—[180.] After eating (when the symptoms are most violent, first day), tensive tearing pain in the scapulæ, upper arm, head, and nape of the neck, increased by touch,⁵.—**Lumbar.** Pain in the loins and spine, if he bends to one side or backwards, as if he had become very weary,³.—**Fatiguing pain in the loins, as if he had stood a long time*,³.—After eating, a sensation as if a tight band were laced around the lumbar region, just above the hip,³.—Paralytic drawing in the loins,³.—*Bruised pain in the small of the back, not aggravated by motion* (after five hours),².

Extremities in General.—Objective. *Twitching of limbs,¹².—**Jerkings and distortions of the limbs*,⁹.—Convulsions of all limbs,¹².—**Subjective.** Paralytic pain in the arms and legs for several days,⁵.—Tearing, in part sharply cutting, pains in the limbs, in the head, and in the jaws, frequently only momentary,⁵.—[190.] Painful sensitiveness of all the limbs on motion and when touched,³.

Superior Extremities.—Paralytic sensation in the whole of the right arm; it feels like a stiffness in the joints, so that he is unable to move it (after twenty-four hours),².—Paralytic pain in the arm, so that he is obliged to let it sink down,³.—Paralytic drawing pain through the right arm, especially if he lets it hang down or rests it anywhere, especially on anything hard,³.—Tensive tearing pains in the arms, with paralytic pain; on taking hold of them a bruised pain, as after great muscular exertion,⁵.—Drawing-tearing pain in the whole of the right arm, not disappearing on motion (after seven hours),².—**Shoulder.** Pinching on the top of the shoulder,³.—Sticking pain on top of the left shoulder, affected by neither pressure nor motion of the arm (after thirty-two hours),².—Some stitches in front of the left shoulder,⁵.—Needle stitches in the top of the left shoulder,².—**Arm.** [200.] Violent pinching pain in the right upper arm, disappearing on motion, but returning during rest,².—*Boring-pinching pain in the left upper arm*, relieved by motion (after twenty-five hours),².—Paralytic drawing through the upper arm, from the upper part down to the middle, so that he could scarcely allow himself to move it; pressure upon the suffering part hurts as if he had received a blow or bruise,³.—Drawing-tearing pain in the right upper arm, disappearing on pressure, but immediately returning (after twenty-seven hours),².—Pain as from a blow or bruise in the upper arm, above the elbow-joint,³.—**Elbow.** Paralytic pain in the bend of the elbow externally, like a jerking, at intervals,³.—Tearing pain in the right elbow-joint when at rest, not affected by motion (after twenty-seven hours),².—**Forearm.** On stretching out the arms violently in the morning, after rising, a cramplike pain in the forearm, especially from the elbow-joint downward; on bending the hands back and forth while the arms are outstretched, the same pain is felt in the wrists,³.—Drawing-digging pain in the left forearm, from the wrist to the elbow (after one hour and three-quarters),².—Cramplike pressive pain in the muscles of the forearm, especially on bending it,⁵.—[210.] Contractive tearing, like a cramp, in the muscles of the forearm, close to the wrist, speedily disappearing on motion (after seventeen hours),¹.—Paralytic jerking from above downward on the lower surface of the forearm, though especially severe, at the point where it begins,³.—**Wrist.** Pinching-boring pain in the right wrist (after three hours),².—Drawing pains in the wrists (after twelve and twenty-four hours),¹.—The wrists feel sprained,¹.—**Hand.** Intermittent cramplike contraction of the hands,³.—Several stitches in the left hand, extending to the little finger,².—*Some small jerking stitches, now in the left, now in the right hand* (after thirty-three hours),².—Jerking-tearing pain in the hollow of the left hand, aggravated by stretching out the hand,².—**Fingers.** Cramplike contraction, with cramplike pain in the right middle finger; it was bent inward,².—[220.] Cramplike jerking in the fingers,³.—Burning pain in the uppermost joint of the middle finger,³.—Cramplike pain in the muscles of the outer side of the left little finger, disappearing on motion (after twelve hours),¹.—Drawings in the fingers (after forty-eight hours),¹.—Paralytic drawing in the ring finger during rest and motion,³.—Fine stitches in the upper end of the

metacarpal bone of the ring finger; on pressure it pains as if bruised,².—Pains in the balls of the thumbs, as after a bruise, on pressing upon them, and also on moving the metacarpus of the thumb towards the hollow of the hand,³.—Sudden inward jerking in the fingers of the right hand,².—Crawling in the tip of the thumb, as from being asleep; it seems numb,³.—Crawling in the last joint of the thumb, almost as after being asleep,³.

Inferior Extremities.—Hip. [230.] Tearing in the left hip and nates,¹.—**Thigh.** The nates pain while sitting, as if weary from long sitting,³.—Paralytic pain in the left thigh, not far from the knee,⁵.—Cramplike pain in the anterior muscles of the left thigh while standing (after a quarter of an hour),⁴.—Boring pain from within outward, below the gluteal muscles, while sitting, disappearing on pressure and motion, but returning during rest,².—Cramplike contractive stitches (while sitting) in the muscles, now of the right, now of the left thigh, now in the muscles of right, now of the left upper arm, now down along the small of the back, like pains in the back, which, however, disappear while walking in the open air (after twenty-seven hours),⁴.—Drawing-tearing pain in the anterior side of the right thigh, disappearing on violent motion,³.—Pain in the great trochanter while walking, as if he had fallen upon it,³.—**Knee.** Dull stitches in the knees now and then,⁵.—Single needle-like stitches in the patella (after ten hours),⁴.—**Leg.** [240.] Cramplike pain in the muscles, now of the right, now of the left lower leg, while walking in the open air, soon disappearing while standing and sitting (after thirty hours),⁴.—Digging pain in the tibia, below the left knee (after eight hours and a half),⁴.—Paralytic draggings in the forepart of the lower leg, between the tibia and fibula,³.—Intermitting stitches, as with a fork, in the left tibia, just below the knee,².—Tearing pains in the middle of the left calf (while sitting),².—While sitting, cramp-like tearing in the muscles, now of the right, now of the left lower leg, now of the left, now right forearm, disappearing on walking in the open air (after fifty-two hours),⁴.—**Foot.** The child stretches out its feet spasmodically,⁶.—The child's left foot is in a constant spasmodic motion; at last it lies immovable, abducted far from its body,⁶.—Tearing-sticking pain in the left heel (while sitting),².—Stitches in the ball of the right foot,⁵.—[250.] Twitching-tearing in the inner border of the left foot,⁵.—**Toes.** Cutting pain in all the left toes, as if they were loosened from the feet, not disappearing on motion (after two hours),².

General Symptoms.—Objective. **Trembling of the body, with shivering sensation while yawning,*³.—Paralytic jerkings in various parts of the body, especially in the limbs,³.—Paroxysms of spasmodic stretching out of the body at 4 P.M., followed by trembling of the whole body, with blue lips and weeping complaints about pains in the chest, throat, and all the limbs,¹.—**Before coughing, the child raises herself suddenly, looks wildly about, the whole body becomes stiff, she loses consciousness, just as if she would have an epileptic spasm; then follows the cough,*¹.—**Convulsions,*¹³.—General convulsions (after ten minutes), lasting an hour; they consisted of distortions of the limbs in all directions, except that the fingers and toes remained unaffected; the head and trunk were drawn now backward, now forward, now to one side, while the arms and legs were thrown about; then from time to time violent shocks through the whole body, with motion downward like stamping the feet, with jerking of the head upward and backward; the shocks were felt by the hand to be especially violent in the lower portion of the chest and upper part of the abdomen; the face, at first pale, became gradually livid, and at last quite blue; the eyeballs were turned convulsively upward, so that only the

whites were visible, then again they were directed staringly forward; pupils moderately dilated and insensible; at times the tongue was contracted to a cylinder, and spasmodically protruded between the lips, without any effort being made to vomit,¹.—**Epileptic-like convulsions, with consciousness* (eclampsia),¹.—**Weak, pale*,¹².—[260.] **The child is very weak and sick*,⁹. †—Morning, on rising, weakness and nausea,¹².—He was obliged to lie down (after six hours and a half),⁴.—Restlessness at night; frequent tossing about from one place to another on account of discomfort,³.—Uneasiness,¹.—Incessant uneasiness,¹.—**The child tosses about uneasily, even while awake*,⁵.—**Subjective.** Very painful stitches here and there in the trunk, but especially in the abdomen, while sitting (after eight hours),².—*Dull stitches here and there in the body* (after several days),⁵.—*Dull stitches, sometimes like a cramp, sometimes like a pressure, sometimes like a blow or jerk, sometimes like an itching, here and there in the body, now in the limbs, arms, feet, toes, now in the side or back, now in the nasal bones, but especially on the posterior portion of the crest of the ilium, on the hip; the places are painful on pressure, as if sore or bruised*,³.

Skin.—Objective. Eruptions. [270.] Eruption of red itching pimples in the evening, soon disappearing,¹.—Transparent rash,⁹.—An ulcer, surrounded by an induration, on the cheek,¹.—**Subjective.** Fine burning stitches here and there, disappearing on scratching,³.—Prickling itching-crawling sensation in several parts of the body, soon disappearing after slight scratching,³.—Itching-tickling on the external border of the right hand, near the thumb and index finger, obliging him to scratch (after thirty-five hours),⁴.—Itching on the back of the left hand, obliging scratching, whereby it is relieved (after six hours and a half),².—Violent itching of the skin here and there in the night,¹.—**(Voluptuous itching on the front of the anus, which obliges scratching)*, (after four hours),⁴.

Sleep and Dreams.—Sleepiness. Frequent yawning, as if he had not slept enough (after five hours),⁴.—[280.] Sleepiness throughout the whole day,².—Great sleepiness,⁴.—Unusual sleepiness in the afternoon,³.—Overpowering sleepiness in the evening, for several days,⁵.—**Sleep while erect with the head leaned backward or to the right side* (after two hours),¹.—**Sleeplessness.** Loss of sleep,¹.—Wakes with weeping complaints, groaning, and sobbing, with restless motions (after two hours),¹.—Frequent waking from unpleasant or busy dreams,³.—**Tossing about during sleep, with lamentations and cries about colic* (from eight to twelve hours),¹.—**Dreams.** Many disconnected dreams,¹.—[290.] Sleep full of troubled dreams,².—Anxious dreams,³,⁴.

Fever.—Chilliness. Temperature diminished,¹⁰.—Skin cool,¹³.—Febrile shivers all over (after half an hour),⁴.—**Febrile shivering over the whole body, with hot cheeks, without thirst* (after twenty-five hours),⁴.—Shivering over the upper part of the body, extending up to the head, as if the hairs would stand up, even by the warm stove,³.—**Shivering-creeping over the trunk, so that it trembles even by a warm stove*,⁴.—Shivering creeps over the thigh,³.—Coldness of the face, with warmth of the hands,⁶.—Cheeks cold,¹.—[300.] Cold hands and creeping chills, without thirst, in the morning, even by a warm stove,³.—**Heat.** Heat every afternoon, followed by increased sweat and deep sleep,¹².—Heat in the evening and throughout the night,⁹.—**Heat mostly in the head during the fever, with yellow color of the face and blue rings around the eyes*,¹.—(Heat, with red-

ness of the face, immediately accompanied by sweat, without thirst), (after eight hours),¹.—*Great heat,¹².—*Rising heat and glowing redness of the cheeks, without thirst, after sleep,⁴.—*Burning heat over the whole face, with redness of the cheeks and thirst for cold drinks (after thirty-five hours),⁴.—Sensation of heat, with heat and redness of the face (after two hours),⁵.—*Fever; vomiting of food, followed by chill all over, and then heat with great thirst (after a few hours),¹.—[310.] *Fever daily at the same hour; chill, followed by heat without thirst (after twenty-four hours),¹.—*Daily fever at the same hour, with very short breath (after forty-eight hours),¹.—Fever daily in the afternoon,¹.—Violent fever and heat,⁷.—Violent fever, with vomiting and diarrhœa.⁹†—Several attacks, with thirst, coldness in the hands and feet, followed by heat of the pale face, and especially heat of the hands and feet, with cutting colic,¹.—Unpleasant sensation of warmth in the abdomen, which at last becomes a griping (after four hours),⁴.—Heat creeps over the knees, with a not unpleasant sensation as if a hot body, like a glowing coal, were placed near the knee,³.—*Sweat*. Sweat constantly,¹².—Skin dry,¹⁰.—[320.] Cold sweat on the forehead and hands,¹.—*Cold sweat on the forehead, nose, and hands (after twelve and twenty hours),¹.

Conditions.—**Aggravation.**—(*Morning*), Headache, etc.; weakness of eyes; after rising, agglutination of canthus; hawking, etc.; dryness of throat; fasting, eructations; colic in ileum; after rising, hollow cough; gagging cough; after rising, mucus in larynx; after rising, on stretching out arms, pain in forearm; on rising, weakness, etc.; cold hands, etc.—(*Morning and evening*), The attacks.—(*Afternoon*), Towards evening, stitches near navel; at 4 o'clock, paroxysms of stretching, etc.; heat, etc.; daily fever.—(*Evening*), By the light, dryness of lids; in the light, burning in lids; when looking sharply, everything appears as if seen through gauze; stoppage of nose; cough; in bed, while lying on side, spine seems broken; heat.—(*Night*), Pressure in stomach; restlessness; itching of skin.—(*Every day*), At same hour, fever, etc.—(*Walking in open air*), Headache; pain in muscles of lower leg.—(*In bed*), When lying on back, spine pains.—(*Bending the part*), Pain in muscles of forearm.—(*After dinner*), Eructations.—(*After eating*), Immediately, pain within head; pain in navel.—(*Expiration*), Stitches near sternum; pain in side of chest.—(*Inspiration*), Pains in side of chest.—(*After a meal*), Pressure across upper abdomen.—(*Mental labor*), Pain within head.—(*Pressure*), Drawing in temples; pain on vertex; pressure on margin of orbit; pain in malar bones; pain in ramus of jaw; sticking in left side; pain in navel; stitches near sternum.—(*Reading*), Headache; pain within the head.—(*Reflecting*), Headache.—(*Rest*), Pain below gluteal muscles.—(*On rising from bed*), Blackness before eyes, etc.—(*While sitting*), Pain in forehead, etc.; stitches in side; tearing in muscles of limbs; stitches in trunk.—(*While standing*), Pain in muscles of thigh.—(*Stretching out the part*), Pain in hand.—(*Touch*), After eating, pain in scapulæ.—(*While walking*), Pain in great trochanter.—(*When writing*), Pain on sternum.

Amelioration.—(*Walking in open air*), Stitches in muscles of thigh, etc.; tearing in muscles of limbs.—(*Inspiration*), Stitches near sternum.—(*Deep inspiration*), Sticking in left side.—(*Lying down*), Blackness before eyes.—(*Motion*), Pain in upper arm; tearing in muscles of forearm; pain in little finger; pain in thigh.—(*Moving head*), Pain in temporal region.—

† In several children.—HUGHES.

(*Moving neck*), Stitches in cervical muscles.—(*Moving body*), Pain in middle of spine.—(*Pressure*), Pain above navel; in side.—(*Sitting*), Pain in lower leg.—(*Standing*), Pain in lower leg.—(*Stooping*), Headache.

CINCHONINUM SULFURICUM.

Sulphate of Cinchonine, *Formula*, $C_{20}H_{24}N_2O_4 \cdot SH_2O_4 + 4H_2O$ (Baup).

Preparation, Triturations.

Authorities. 1, Rust, effects, Rust's Mag., 12, 3 (in Noack, Hygeia, 16, 148); 2, Berandi, effect of 15 to 20 grains, Omad, Annali di Med., 1829 (ibid.); 3, Barbier, effects of 4 to 8 grains of pure *Cinchoninum*, Traité Element. de Mat. Med., 1837 (ibid.); 4, Madam M., suffering lately from catarrhal cough (cured by the proving), and occasional leucorrhœa, took (first day) 1 grain, (second day) 2 grains (ibid.); 5, Julian P., aged 25, complains of oppression of chest, want of breath, and weeping mood, took 1 grain (ibid.); 6, Wilhelmina Deitz, a healthy girl of 19, took 2 grains, on the first and fourth and ninth days (ibid.); 7, Wilhelmina Walter, girl of 17, never menstruated, but lately has had periodic menstrual colic, has just recovered, took 2 grains (ibid.); 8, Fritz, aged 25, took (first day) 1 grain, (third day) 4 grains, (seventh day) 6 grains (ibid.); 8 *b*, same prover took 12 grains at once (ibid.); 9, Dr. Otto Piper took 8 grains (ibid.); 10, Birkner, aged 23, took (first day) 4 grains, (sixth day) 8 grains (ibid.); 11, Dr. Geyer took 2 grains (ibid.); 11 *b*, same one took 4 grains, second proving (ibid.); 12, Dr. Noack took 4 grains (ibid.); 12 *b*, same prover took 10 grains (ibid.); 13, Bouchardt and Delondre, Experiments, l'Art Med., 13, 3; 14, Dr. Elson, experiments on the pulse, Am. J. M. S., N. S., 52.

Mind.—Sort of transient intoxication,¹³.—Complete disinclination for work (seventh day),¹⁰.

Head.—Confusion and Vertigo. Confusion of the head (first day),^{1**b**}.—Confusion of the head, becoming better towards noon (seventh day),¹⁰.—Confusion of the head, with vertigo (tenth and eleventh days),⁸.—Confusion of the head, with sensation as though the brain had increased in volume (sixth day),¹⁰.—Confusion of the head, with pressive pain in it, and a kind of dizziness, at 9 p.m. (seventh day),¹⁰.—Confusion of the head, with pressure in the eyes (third day),⁷.—Vertigo, in the evening (third day),⁷.—[10.] Dizziness (Berandi, from 20 grains),¹³.—**General Head.** Rush of blood to the head, with heat in it (second day),⁴.—Heaviness of the head, and rush of blood to it,².—Head heavy, painful (0.70),¹³.—Headache,².—Headache every morning, affecting the whole head,⁶.—Headache, with vertigo and great thirst in the afternoon, on walking in the open air (fifth day),⁷.—Headache, involving the whole head, worse on stepping, with sensation of dulness (seventh day),⁶.—Headache, especially involving the left side, aggravated by stooping (seventh day),⁸.—The headache returned every afternoon about 3 o'clock, became a general heaviness of the head, and towards evening a pressive pain, especially in the occiput and in the coronal suture, worse in the evening (sixth day),¹⁰.—[20.] Severe headache (fourth day),^{5**b**}.—Specific headache, mostly in the anterior part, with a very remarkable sense of compression (0.70),¹³.—Headache, as if the head would burst, especially worse in the occiput, on waking (sixth day),⁸.—Pressive pain on the head, as from a heavy weight pressing the parietal bone against the brain (tenth day),^{11**b**}.—**Forehead.** Pain in the anterior

lobe of the cerebrum, as though a net were drawn through the whole substance of the brain (ninth day),^{11b}.—Pain in the forehead, lasting till evening (third day),^{8b}.—Pain in the forehead, pressing down to the eyes, aggravated by motion, while walking,⁴.—Pain in the forehead and pressure upon the eyes, in the afternoon (first day),⁵.—Some pain in the forehead, especially affecting the right side, noticed now and then, especially through the afternoon, and disappearing before going to sleep (first day),^{12b}.—Pressive pain in the forehead (tenth day),^{11b}.—[30.] Periodic throbbing pain in the right half of the forehead (seventh day),^{11b}.—Violent headache in the forehead, extending to the occiput, lasting till noon, then ceasing for two hours, and then lasting till going to sleep (second day),^{8b}.—Frequent frontal headache, in the afternoon; chill in the evening, even by a fire (first evening),⁷.—**Occiput.** Headache, especially in the occiput, relieved after rising (eighth day),¹⁰.—**External Head.** Profuse falling out of the hair for eight days,⁸.—Sensation of tension in the scalp, with soreness at the roots of the hair, as if pus were under the scalp, mostly on the right side (seventeenth day),^{11b}.

Eye.—Objective. Sparkling eyes, which are heavy and difficult to open,¹³.—Blue rings around the eyes (third day),^{8b}.—Accumulation of mucus in the eyes (second night),^{11b}.—**Subjective.** Sensation as if the eyes were lying deep in the head (second day),^{8b}.—**Pupil.** [40.] Pupil sometimes dilated, sometimes contracted.¹³.—The pupil dilates only from poisonous doses; from less than a gramme it contracts,¹³.—**Vision.** Obscuration of vision,².—Attacks of darkness before the eyes (second day),^{8b}.—On exerting the eyes it becomes black before them,⁵.

Ear.—Humming in the ears (as from Sulph. Quinine, but a less constant effect),¹³.—Ringing in the ears (sixth day),⁸; (second day),^{8b}.—Frequent ringing in the ears,⁶.—Roaring in the ears,²; (fourth day),⁷; (seventh day),⁸.—Roaring in the ears, during the night (third day),⁴.

Nose.—[50.] Sudden nose-bleed, of thin bright red blood, while sitting (second day),⁹.—Dryness of the nasal fossæ, followed by increased secretion,¹³.

Face.—Animated countenance,¹³.—Pale sickly color of the face (second day),^{12b}.—Face pale and hollow-eyed,⁶.—Face very much swollen about the eyes, which was perceptible on opening the lids (second day),⁹.

Mouth.—Tongue. Redness of tongue (Berandi, from 20 grains),¹³.—Thick yellow coating at the root of the tongue, with clean moist edges (sixth day),⁸.—Thin coating of mucus on the middle of the tongue (eighth day),⁶.—Tongue covered with thin saliva-like coating (first day),^{12b}.—[60.] Dry tongue, with yellow coating,¹.—**General Mouth.** Heat in the mouth,⁶.—Sensation of heat, and as if burnt within the mouth and throat,⁶.—**Saliva.** Increased salivation,².—Accumulation of water in the mouth, especially in the forenoon (second day),⁷.—Ptyalism (Berandi, from 20 grains),¹³.—Dryness of the mouth and throat,¹.—At first the mouth is dry, followed by increase of saliva, but it remains gluey, frothy,¹³.—**Taste.** Taste pasty (first day),^{12b}.—Intolerably bitter taste, which goes off entirely on rinsing the mouth two or three times (immediately),¹³.

Throat.—[70.] Great dryness and roughness of the throat (fifth day),⁷.—Burning in the throat,¹.—Sensation as if the throat were burnt with hot drink, and something were sticking in the pharynx,⁶.—Sticking pains in the throat, as with fine needles, on swallowing (sixth day),⁸.

Stomach.—Appetite. Hunger, without appetite (sixth day),⁸.—Great appetite (after seven days),⁶.—Little appetite (second day),⁷.—Very

little appetite; became satiated and full from very little food (third day),^{11b}.—Loss of appetite (sixth day),^{10 11}.—Thirst,¹; (seventh day),⁸.—[80.] Thirst the whole day (third day),¹².—Thirst, in the afternoon (second day),⁷.—Thirst and sweat,^{8b}.—Much thirst the whole day (second day),⁸.—Very great thirst, especially on the sixth and seventh days,⁶.—**Eru-
ctations and Hiccough.** Eructations (after one hour),⁴; (second day),^{8b}; (sixth day),¹⁰; (seventh day),⁸.—Eructations of air,⁵; (second day),⁷; (fourth day),⁴.—Eructations tasting of foul eggs,¹¹.—Frequent eructations,⁶.—Sour eructations (fourth day),⁷.—[90.] Hiccough,¹.—**Heartburn.** Sudden heartburn (fourth day),⁴.—**Nausea and Vomiting.** Nausea,^{2 3}.—Nausea (Berandi, from 20 grains),¹³.—Nausea for several hours after dinner (first day),¹².—Nausea, continuing the whole day (second day),⁷.—Nausea and eructations (soon after 4 grains), (third day),⁸.—Transient nausea and inclination to vomit, before eating (fifth day),⁷.—Slight inclination to vomit,¹³.—**Stomach.** Pains in the pit of the stomach, increased by pressure (sixth day),¹⁰.—[100.] Heat at the epigastrium,¹³.—Great heat in the stomach,¹.—Great heat in the stomach, extending into the abdomen and upward into the chest and head, especially noticed in the throat, with burning thirst,³.—Burning in the stomach and lower portion of the œsophagus (fifth day),^{11b}.—Cold feeling at the epigastrium (Berandi, from 20 grains),¹³.—Fulness in the stomach,¹¹.—Painful fulness and pressure in the stomach, lasting several hours, after dinner (first day),¹¹.—Pressure in the epigastric region (first day),¹⁰.—Frequent sensation of pressure in the pit of the stomach (fifth day),^{11b}.—Pressive pain in the pit of the stomach (fourth day),⁷.—[110.] Tearing in the stomach, at 10 p.m. (second day),¹¹.—Epigastric region sensitive and distended (first day),¹².—Throbbing in the epigastric region,³.—Sensation of pulsation in the epigastric region (third day),¹⁰.

Abdomen.—**Hypochondria.** Constant pain across the hypochondriac region, as from incarcerated flatus (sixth day),^{11b}.—Pressive pain in the region of the liver (fourth day),⁷.—**Umbilical.** Pains in the umbilical region, with passage of much offensive flatus (second day),⁸.—**General Abdomen.** Distended abdomen, many borborygmi,⁶.—Abdomen distended; passage of much offensive flatus the whole day (first day),^{12b}.—Distension of the abdomen, after eating (sixth day),⁸.—[120.] Distension of the intestinal region,³.—Commotion in the abdomen,⁵.—Slight motion of flatulence in the abdomen (first day),¹².—Rumbling in the abdomen (fourth day),⁴; (sixth day),⁸.—Rumbling in the abdomen, lasting twelve hours,⁴.—Rumbling and gurgling in the abdomen (fifth day),^{8b}.—Flatulence,¹.—Very offensive flatus (fifth day),^{8b}.—Passage of flatus (third day),¹⁰.—Passage of much flatus,⁵.—[130.] Warmth in the abdomen,¹.—Sensation of heaviness in the abdomen, after eating, as if a stone were lying in it, lasting the whole afternoon, and only disappearing towards evening (first day),^{12b}.—A little pain, which extends all over the abdomen,¹³.—Fulness of the abdomen (sixth day),¹⁰.—Sensation of fulness in the abdomen (sixth day),¹⁰.—Tension of the abdomen,⁵.—Tension in the abdomen at night (third day),¹².—Abdomen tense, full, and heavy (first day),^{12b}.—Slight griping and commotion in the abdomen (first day),^{12b}.—Cutting in the abdomen; disappears after the evacuation of nineteen ounces of clear watery urine (third day),¹².—[140.] Fine cutting in the abdomen compelled him to bend up, extending afterwards to the upper abdomen, and lasting two hours more in bed (third day),¹².—Rasping and griping pains in the left side of the abdomen, during the whole day (fourth day),⁷.—Colic,²; (third.

day),¹⁰.—Violent colic,³.—Colic in the upper abdomen, especially towards the right side, lasting all day (sixth day),⁸.

Rectum and Anus.—Frequent dragging and crawling in the anus, relieved by scratching (fourth day),^{11b}.—Dull cutting pain in the anus, extending thence to the navel, with fine stitches in the pit of the stomach (twelfth day),^{11b}.—Urging to stool at 10 P.M., with soft stool, very difficult to pass (third day),¹².

Stool.—**Diarrhœa.** Diarrhœa, at times,².—Two diarrhœa-like stools (fifteenth day),⁷.—[150.] Very pasty diarrhœa-like stool (third day),¹⁰.—Two stools (first day),⁶.—Two soft stools (first day),⁵.—Copious stool, dark greenish-brown color, very large and thick, so that the anus pains after the passage (first day),^{12b}.—Stool copious, at first of the usual consistence, afterwards like diarrhœa (first day),¹².—Soft stool (second day),^{1b}.—**Constipation.** Constipation,¹; (second and sixth day),⁸.—Stool more sluggish than usual (second day),¹⁰.—Hard scanty stool, towards evening (second day),⁷.—Hard stools, with tenesmus,³.—[160.] Stool thick, pasty, thin formed, and passed slowly and with much pressing; the sphincter is very much relaxed, as if paralyzed; the rectum on the contrary is more contracted than usual, which the prover recognizes not only from the thin-formed fœces, but also from a sensation difficult to describe, felt during the passage of the stool (fourth day),^{11b}.

Urinary Organs.—**Urethra.** Burning sensation in the urethra, after passage of urine (sixth day),⁸.—Excessive urging to urinate, with pain in the sides of the abdomen towards the genitals, with frequent evacuation of large quantity of urine, which gradually relieved the pain (second day),⁵.—Cinchonine produces opposite effects on the urine, according as it is given in larger or smaller doses. After 20, 30, and even 40 centigrammes, the prover had frequent urging to urinate; 70 centigrammes, on the contrary, caused a sort of retention, so that he had to make prolonged efforts to expel the contents of the bladder; the larger the dose, the less the urging, and the smaller the quantity passed,¹³.—**Micturition.** Increased secretion of urine (third day),^{8b}.—Frequent discharge of copious clear urine (second day),⁷.—Evacuation of urine three times (first day); four times (second day); seven times (third day); three times (fourth day); three or four times (fifth day), etc.,⁶.—41 ounces of urine in four times (first day); 39 ounces in four times (second day); 74½ in seven times (third day); 97 ounces in eight times (fourth day); 62 ounces in seven times (fifth day); 31 ounces in three times (sixth day),¹².—53 ounces of urine in five times; in the morning, very light-colored, in the afternoon less so; an acid reaction; nitrate of silver causes a profuse whitish-green sediment, “consisting of much free phosphates” (first day),^{12b}.—Retention of urine (Berandi, from 1 gramme),¹³.—[170.] Urine first day 35 ounces, in four times, acid; second day, 43 ounces in four times; third day, 35 ounces in five times; fourth day, 56 ounces in five times; fifth day, 59 ounces in six times; sixth day (after 8 grains), 45 ounces in four times; seventh day, 30 ounces in four times (always with some sediment); eighth day, 56 ounces in five times; ninth day, 49 ounces in six times; tenth day, 56 ounces in four times; eleventh day, 45 ounces in four times,¹⁰.—**Urine.** Urine pale in the morning, depositing (after twenty-four hours) a slimy brownish-green sediment, of an offensive odor (urine passed on other days was high-colored, had a dark-red deposit; secretion of urine diminished; at most only three times a day), (second and third days),⁹.—Urine acid, deposits soon a sediment, and is covered with an iridescent film (third

day),¹².—Turbid urine,¹.—Urine deposits a reddish-yellow sediment (fourth day),¹².—Urine deposits a white sediment (seventh day),⁸.—Urine deposits a profuse, white, flocculent sediment,⁵.

Sexual Organs.—**Male.** Great sexual excitement and erections (eighth day),^{11b}.—**Female.** Menstruation a week too soon, much worse than usual,⁶.

Respiratory Organs.—**Larynx and Bronchi.** Scraping in the larynx, lasting half an hour (soon),⁹.—[180.] Much mucus, which collects in the bronchial tubes, must be hawked up with considerable exertion (first day),^{12b}.—**Voice.** Hoarseness (sixth day),⁶.—Hoarseness continues after sixth day of the first proving,⁶.—**Cough and Expectoration.** Cough loose, racking, shaking the head, with pressive pain in the stomach (fifth day),⁶.—Loose cough, with slimy expectoration from deep in the chest,⁶.—**Respiration.** Whistling respiration (sixth day),⁸.—Respiration slow and impeded,¹³.—Loss of breath on walking rapidly,⁶.

Chest.—The chest seems to be hollow and distended, so that breathing seems to be especially easy (first day),^{12b}.—Sensation as if the chest were quite hollow (sixth day),⁸.—[190.] Painful tension across the chest (eighth day),^{11b}.—Constriction of the chest, as though the lips were pressed together in front (fourth day),^{11b}.—Oppression of the chest (sixth day),⁸.—Oppression of the chest, with rapid respiration (sixth day),¹⁰.—Stitches in the chest, mostly extending from the right side to the pit of the stomach, at the insertion of the diaphragm (second day),^{8b}.—**Front.** Pressive pain beneath the sternum (tenth day),^{11b}.—Waking in the night with pains in the sternum; it seems as though the lower portion of the sternum were pressed inward (third day),¹¹.—**Sides.** Sticking in the side, alternating in one and the other, especially aggravated by motion; these pains last during the second day, omit on the third and fourth days; reappear on the fifth; after the fifth day they extend more towards the back, affecting the whole length of the back, and especially seat themselves between the shoulder-blades,⁶.—Stitches in the cartilages of the fourth and fifth ribs of the left side, in the morning (seventh day),^{11b}.

Heart and Pulse.—**Præcordium.** Præcordial pain, which seems to compress the whole left side of the chest,¹³.—[200.] The præcordial pains and slow respiration were constant symptoms, in a series of provings; and after 70 centigrammes the præcordial pain became so severe that the prover had to stop; it extended to the summit of the chest,¹³.—

Heart's Action. Startings of the heart (0.70 grm.),¹³.—**Pulse.** Frequent pulse (Berandi, from 20 grains),¹³.—Accelerated pulse,².—Heightened pulse (0.70 grm.),¹³.—The Quinia, while it increased the volume of the pulse, did not appear to influence its rapidity, while the Cinchonia decidedly accelerated it,¹⁴.

5 grains Cinchonia pr. $\frac{1}{2}$ hr. till 11 doses,	. . .	Average, $76\frac{1}{2}$
10 grains Cinchonia pr. $\frac{1}{2}$ hr. till 12 doses,	. . .	“ $78\frac{1}{2}$
20 grains Cinchonia pr. $\frac{1}{2}$ hr. till 11 doses,	. . .	“ $94\frac{3}{10}$, ¹⁴ .

Pulse before taking 56, after two hours 70, after six hours 84, and in the evening 45; second day, in the morning 54, at noon 82, in the evening 62; third day in the morning 56, in the afternoon 75, in the evening 64; fourth day in the morning 52, noon 78, in the afternoon 54; sixth day (after 8 grains) in the morning 55, after two hours 68, after dinner 88, in the evening 68; seventh day in the morning 56, noon 80, evening 72; eighth day in the morning 54, at noon 78, in the evening 58 (rather irregular); ninth

day in the morning 54, noon 76, evening 54; tenth day, morning 53, noon 72, evening 54; eleventh day, morning 54, noon 76, evening 57,¹⁰.—Pulse 65, small, weak, slow, regular,⁶.—Pulse before taking, 85; 75 (after three-quarters of an hour); 65 in the evening (after eleven hours); 66 at 5 A.M. (second day); 70 at 10 A.M. (second day); 60 at 9 P.M. (second day),¹².—[210.] Pulse quiet, soft, regular (third day),⁷.—Pulse generally weak and small (second day),¹².—Pulse small in the morning, weak and compressible; in the afternoon fuller and almost bounding; at 7 A.M., 66; at 10 A.M., 86; 3 P.M., 75; 9 P.M., 75,^{12b}.

Neck and Back.—**Neck.** Painful stiffness of the neck (first day),¹¹.—Pains and tension in the neck, on moving it (fourth day),⁴.—**Back.** Tearing in the back, extending to the right shoulder (fourth day),⁴.—Pain as if bruised in the back, especially between the shoulders, in the ribs, arms, and legs (first day),^{12b}.—**Dorsal.** The first dorsal vertebræ are painful to pressure with the fingers (fourth day),⁷.—Pain in the back, between the shoulders, during the forenoon (fourth day),⁷.—**Lumbar.** Pain in the small of the back (sixth day),⁸.—[220.] Bruised sensation in the small of the back (sixth day),^{11b}.

Extremities in General.—**Objective.** Trembling of the limbs (seventh day),⁸.—Trembling of the limbs, and weakness,⁸.—Trembling of the limbs, with great muscular weakness (seventh day),⁸.—**Subjective.** Limbs go to sleep in every position (sixth day),⁸.—Great weariness and bruised sensation in all the limbs (fourth day),⁵.—Sensation of internal lightness of the limbs (first day),⁵.—Pains and drawings in the limbs,³.—Drawings in the arms and in the bones of the extremities generally (for two months),^{11b}.

Superior Extremities.—**Objective.** Involuntary twitching motion of the second and third fingers of the left hand (ninth day),^{11b}.—[230.] The arms become heavy,¹³.—**Subjective.** Spasmodic pain in the right hand, here and there, felt on moving the fingers or hands (ninth day),¹¹.—Bruised pain in the arms, at the insertion of the deltoid muscle; the coats could scarcely be borne on the shoulders (ninth day),^{11b}.—The arms at the region of the insertion of the deltoid muscles pain as if bruised (fourth day),^{11b}.

Inferior Extremities.—**Objective.** When standing, the legs give way,¹³.—**Subjective.** Great lassitude in the thighs, in the evening (first day),¹².—Great weakness of the feet (third day),⁷.

General Symptoms.—**Objective.** Trembling (third day),^{8b}.—Weakness (third day),^{8b}.—Great weakness,¹¹; (third day),^{11b}; (seventh day),⁸.—[240.] Great weakness, all day (seventh day),^{11b}.—Great weakness obliged him to go to bed early (sixth day),¹⁰.—Great weakness, in the morning in bed (fourth day),¹².—Great weakness, so that he could scarcely move his feet forward, and was obliged to lie down, in the afternoon (sixth day),⁸.—Great weakness, with yawning and stretching of the limbs (second day),^{11b}.—Great exhaustion and indolence (fourth day),¹¹.—Syncope,¹³.—**Subjective.** Weariness and sleepiness (fourth day),⁴.—General aching of the whole body (fifth night),⁸.—Painful aching over the whole body, especially in the eyes, ears, and genitals (seventh day),⁸.—[250.] The same stinging pains as in the first proking reappeared; they seemed this time to extend to the back, around the hypochondrium; disappeared during standing or sitting, but reappeared when lying, or during deep cough,⁶.

Sleep and Dreams.—**Sleepiness.** Sleepiness (third day),^{8b}.—Somnolence (Berandi, from 20 grains),¹³.—Drowsiness,¹³.—Quiet deep sleep

(first night),⁷.—Rather quiet deep sleep, without dreams, lasting much longer than usual, but without being refreshed as usual on waking (first night),^{12b}.—**Sleeplessness.** Sleep uneasy (seventh night),¹⁰.—Uneasy sleep (second night),⁸.—Uneasy sleep at night,^{8b}.—Uneasy, dreamy sleep (first night),⁷.—[260.] Restless night, with frequent waking (third night),⁷.—**Dreams.** Sleep full of dreams, startings up in affright (fourth day),⁴.—Grotesque dreams,¹³.—Voluptuous dreams and painful erections (seventh night),^{11b}.—Sleep with anxious dreams (first night),¹¹.—Nightmare (seventh night),^{11b}.

Fever.—**Chilliness.** Chilliness, soon after eight grains, returning again during the day (sixth day),¹⁰.—Chilliness, especially in the pit of the stomach (third day),¹⁰.—Chilliness in the morning in bed (third day),¹⁰.—Chilliness and chattering of the teeth, the whole day (sixth day),⁸.—[270.] Chilliness in the evening, and dry heat, and at night, a sweetish sickly smelling sweat (seventh day),⁸.—The symptoms gradually disappear (after five days); on the 15th they reappear, especially the chill, as though she had been dashed with cold water,⁷.—Shaking chill, from 10 A.M. till noon, without subsequent heat or sweat (third day),⁷.—**Heat.** Warmth of the skin,¹.—Burning skin,¹³.—Much heat and sweat, especially at night,⁸.—Great heat over the body, with great turgescence of the veins, in the evening (sixth day),¹⁰.—Heat of the head (second day),^{8b}.—Heat in the head, especially about the eyes, with sleepy sensation, so that the lids constantly closed (third day),⁴.—Heat of the head at 4 P.M., with cold extremities; at 6 P.M., intense general burning heat, with dryness of the skin (seventh day),¹⁰.—[280.] Constant dry heat of the head,⁸.—Heat in the forehead, extending thence over the whole head, at 10 P.M. (sixth day),⁸.—**Sweat.** Sweat during the night (second night),^{11b}.—Sweat, with excessive thirst, in the night (sixth day),⁸.—Slight sweat,¹.—Profuse sweat (third day),^{8b}.—Skin dry, the veins distended (first day),^{12b}.—Sweat between the shoulder-blades, in the night, followed by itching, which obliged him to scratch (first night),^{11b}.—Sweat on the shoulders after moderate motion (ninth day),¹¹.

Conditions.—**Aggravation.**—(*Morning*), Headache; on waking, bursting headache; stitches in ribs; in bed, weakness; in bed, chilliness.—(*Forenoon*), Water in mouth; pain in back; from 10 o'clock till noon, shaking chill.—(*Afternoon*), On walking in open air, headache, etc.; about 3 o'clock, headache returned; pain in forehead, etc.; sore pain in forehead; frontal headache; thirst; weakness; at 4 o'clock, heat of head, etc.; at 6 o'clock, burning heat, etc.—(*Evening*), At 9 o'clock, confusion of head, etc.; vertigo; pressive pain in head; chilly; at 10 o'clock, tearing in stomach; at 10 o'clock, urging to stool; lassitude in thighs; chilliness, etc.; heat, etc.; at 10 o'clock, heat of forehead.—(*Night*), Roaring in ears; tension in abdomen; on waking, pains in sternum; sweetish sweat; heat, etc.; sweat, etc.—(*In bed*), Cutting in abdomen.—(*During deep cough*), Sticking pains reappeared.—(*After dinner*), Nausea; fulness, etc., in stomach.—(*After eating*), Distension of abdomen; sensation in abdomen.—(*When lying*), Sticking pains reappeared.—(*Motion*), While walking, pain in forehead; sticking in the side.—(*Pressure*), Pain in pit of stomach.—(*Stepping*), Headache.—(*Stooping*), Headache.

Amelioration.—(*Forenoon*), Towards noon, confusion of head.—(*After rising*), Headache.—(*Scratching*), Dragging, etc., in anus.—(*During standing or sitting*), Sticking pains disappeared.

CINNABARIS.

Mercuric sulphide, HgS.

Preparation, Triturations.

Authorities. 1, Hahnemann, R. A. M. L., 1, 426, internal administration; 2, *ibid.*, effects of fumes; 3, Jac. Hill, in Edinb. Essays, iv, effects of fumes of Cinnabaris (from Hahnemann); 4, Pet. Schenk, vii, obs., 213, effects of the fumes, *ibid.*; 5, Oettinger, Diss. Cinnab. exul. redux. Tübing., 1760, p. 22, effects of prepared Cinnabaris taken internally, *ibid.*; 6, Neidhard's provings, in "Metcalf Hom. provings," S. A. took $\frac{1}{7000}$ th of a grain daily, two days; 7, *ibid.*, A. J. B. took 6th dil.; 8, *ibid.*, A. J. B. took 3d dec. trit., first and fourth days; 9, *ibid.*, J. P. Dake took 3d dec. trit., and again the 3d cent. trit.; 10, *ibid.*, J. H. Henry took 6th dil.; 11, *ibid.*, A. Lindsay took 6th dil., afterward the 3d trit.; 12, *ibid.*, C. L. Merriman took the 6th dil.; 13, *ibid.*, J. L. Mulford took 1st trit.; 14, *ibid.*, D. S. Pratt took 6th dil.; 15, *ibid.*, J. M. Randell took 6th dil.; 16, *ibid.*, J. C. Raymond took 30th dil. (two provings); 16 *b*, *ibid.*, same prover took $\frac{1}{10}$ th trit.; 17, *ibid.*, H. Ring took 30th dil., and afterward the 6th dil.; 17 *b*, *ibid.*, same prover took the $\frac{1}{2}$ cent. trit.; 18, *ibid.*, C. E. Toothaker took 5th dil.; 19, *ibid.*, D. Wilder took 6th dil.; 20, *ibid.*, J. R. took 30th dil., afterward 3d cent. trit., the 6th dil., and 3d dec. trit.; 21, *ibid.*, T. took 30th dil.; 22, *ibid.*, Mrs. H. took 6th dil.; 23, *ibid.*, Miss F. took 6th dil.; 24, *ibid.*, Mrs. F. took 5th dil. and 5th dec. trit.; 25, *ibid.*, a patient with phymosis took 1st trit. two weeks; 26, Cattell, B. J. of Hom., 11, 528, symptoms from Br. Am. J. Med. Assoc., 1848.

Mind.—Emotional. Illusion of mind; he considers himself well,³.—Peculiar agreeable sensation of *exhilaration*, and with fulness extending from all sides of chest, particularly the thorax, towards the stomach and heart, accompanied or followed by a similar sensation in all the joints, continuing with intermissions till 8 o'clock; at 5 A.M. (second day),¹⁸.—Sense of elevation on walking in open air; never felt better in his life; like the effects of a cordial,¹⁸.—Depressed, melancholy, cynical state of mind,²⁰.—Feels desirous of improving spiritually, but is rather disconsolate (second day),²⁰.—Every little noise about the house troubled him, as though it were something serious (after ten minutes),⁹.—Irrascibility,¹⁰.—Unusual irritability, throughout the whole proving,¹⁹.—His friends remarked that he was very cross and sullen, in afternoon,¹⁵.—[10.] Mind in morbid state; disposed to fret at trifles, and not at all satisfied with himself (second day),²⁰.—**Intellectual.** General feeling, as not being fit for any mental labor,²⁰.—Indisposition to mental exertion,¹⁷.—Indisposition for mental labor (second day),⁷.—Aversion to close study,²⁰.—Quite difficult to fix the mind long on any subject; cannot pay attention to lectures as well as before; this sensation is relieved by open air,²⁰.—Great difficulty in collecting ideas and studying usefully,²⁰.—Cannot think long, deeply, or clearly on any subject, and his mind seems to be altogether disturbed,²⁰.

Head.—Vertigo. Dizziness and lightness of head,²³.—A little giddiness and pain in forehead, with sensation of soreness in eyeballs, upon arising at 7 A.M.; these passed away soon after breakfast (second day),⁹.—

General Head. Dulness in whole head, especially in forehead just over eyes, in evening (second day),¹⁷.—Heaviness in head,¹⁷.—[20.] Head feels weary, as from long mental application (second day),⁷.—Pain deep, as if in the centre of the head,¹⁰.—Fulness of head (sixth day),¹¹.—Fulness and

general pressure in whole head, as after taking cold, with dull aching pain in region of *Benevolence*, better in open air (after two hours),¹².—Head full in forenoon (second day),^{17b}.—Head full, heavy, with strong pulsations of temporal arteries (third day),^{17b}.—Congested sensation over whole head, particularly in the forehead,²⁰.—Strange congestive sensation about head, principally in forehead (after five hours),²⁰.—Intense headache, so severe he could hardly endure it; relieved by external pressure,²⁵.—Excessive headache,².—[30.] Attacks of excessive headache, which are relieved by external compression of the head,⁴.—Pain in head increased to a heavy stupefying ache, aggravated by thinking, reading, and pressure (after eleven hours),⁸.—Drawing pain in head, extending from crown to occiput, inclining to the right, before going to bed,¹⁰.—Occasional darting pains through the head from without inwardly (second day),⁷.—Headache much worse after sleeping,²⁵.—**Forehead.** Pain in forehead,¹⁵.—Pain in region of *Causality*,¹⁰.—Pain in organ of *Tune*,¹⁵.—Occasional pain in sinciput (second day),¹⁸.—Slight pain in sinciput (after one hour),¹⁸.—[40.] Severe pain in forehead, lasting all night (second day),¹⁹.—Fulness and pressure in forehead, for two hours (after eight hours and a half),²⁰.—Dull pain in forehead, which is cold, and is relieved by warm hand (second day),¹⁹.—A kind of dull pain (sometimes more intense and sharper) in forehead and top of head, worse when lying on left side and pressing forehead into pillow, almost every morning after waking; as soon as he turns to left side or the back the pains return; on turning to right side, or getting up and washing, the pains disappear,¹¹.—Some pain of a dull character in forehead over eyes, in afternoon, becoming severer in evening, and aggravated by motion (second day),¹⁶.—Dull heavy ache in front of head (second day),⁷.—Aching pain in the whole of the forehead and top of head, in morning on waking, aggravated by lying on left side and back, relieved by lying on right side and pressing forehead with pillow (second day),¹¹.—Pain of a dull aching character in the right frontal region, in afternoon; aggravated in evening (third day),¹⁶.—Heavy pain in forepart of head, on waking in night,⁹.—Sharp steady pain in forehead, mostly in right orbital region; soon after felt a sharp throbbing in left hypochondrium, in region of spleen (after four hours and a half),⁸.—[50.] Shooting pains in forehead, with great heaviness,¹³.—A kind of throbbing pain in forehead, on waking, going off on pressing head on pillow (third, fourth, and fifth days),¹¹.—**Temples.** Beating-burning in both temples, which he felt all day (after three hours),⁶.—Sensation of fulness and weight across temples, with sometimes throbbing over right temple, worse on motion (after half an hour),²⁴.—Pressing pain in right temple,¹⁴.—Occasional flashes of pain in right temple from in front backwards (organ of *Mirthfulness*),¹¹.—Occasional shootings in upper part of left temple, along temporal ridge, in evening (second day),¹⁷.—A dull pain, felt before in temple and side of forehead, disappeared (after ten minutes),⁹.—**Vertex.** A kind of a sore pain began at about 9 A.M. in the crown of the head, and extended as far front as the organ of *Veneration* (at times there is a slight sensation of throbbing); it is very sensitive to touch, he cannot even touch the hair without causing a sore pain; this pain continued all day (seventh day),¹¹.—**Parietals.** Pain in left side of head, temple, and supraorbital ridge, at 11.40 o'clock,¹⁵.—[60.] Constant pain in right side of head; from the temples the pain goes to the occiput,²⁵.—Sensation of sticking over the secretive region, which increases and becomes a numb pain, extending to right temple (*Time and Locality*), with a feeling of warmth on right side; pain extends from one temple to the other across

the *os frontis* from right to left, is mild in the forehead, but violent in the organs of *Time* and *Locality*, both night and day, and on rising in morning,¹⁰.—Pain darting through from sides of head and temples; the pain is near the outer edge of the orbit of right eye, and more frequent on right side of head than on left,²⁵.—Throbbing pain in organ of *Conscientiousness*, extending to forehead over eye, on waking in morning (second day),¹¹.—**Occiput.** Rush of blood to back part of head, attended with violent itching and heat, extending to each ear; and behind the left ear there came three hard lumps, one the size of a small shot, the other that of a buckshot, and the last a size larger (after one hour),¹⁰.—Pain sometimes in left side of occiput (organ of *Amativeness*), (sixth day),^{17b}.—A fulness and pressure in occiput and back of neck, after rising from bed, continuing with much severity until about noon, after which the symptom somewhat abated (fifth day),^{17b}.—**External Head.** A protrusion in the outer parts of the head, only during the day,¹.—Head excessively sore on outside to every touch,²⁵.—Skull externally sensitive when touched, even the hairs pain,¹.

Eye.—Objective. [70.] Livid circles around both eyes,¹⁰.—(Inflammation of the right eye; itching pressure and sticking in the inner canthus and in the lower lid, with constant lachrymation, when looking at anything, with severe fluent coryza),¹.—**Subjective.** Eyes very sensitive to cold air, when walking out (second day),¹⁸.—Weak sensation in left eye (third day),¹¹.—Sensation as if there were something in the eyes, lasting three days,¹⁰.—Numb pressing pain in eyes,¹⁵.—Aching soreness of eyes, worse in evening (second day),¹⁹.—**Brow and Orbit.** *Pain from inner canthus of left eye across eyebrows (organs of *Size, Color, Order, Calculation*),¹⁰.—Sharp aching pain in right supraorbital region, shooting backwards and downwards to ear and side of neck; worse in warm room, and on moving eyes and scalp (after half an hour),⁸.—**Lids.** Weakness and sleepiness in the eyes about noon; could scarcely keep them open (seventh day),¹¹.—[80.] Feeling as if the eyelids were enlarged and puffed, as if the muscles were too short, when looking up to the wall,¹⁰.—Drawing sensation from right inner canthus across the malar bone to the ear,¹⁰.—Shooting pains in inner canthus of right eye, with a burning and itching,¹³.—Itching of the lids of both eyes,¹⁰.—Itching and sticking in the internal and external canthi (third day),^{17b}.—Severe and frequent itching in outer canthi, from 9 to 12 o'clock, with a sense of stiffness in upper eyelids (second day),¹⁸.—Excessive itching in inner canthi of eyes, for two days (after nine hours),¹⁸.—**Lachrymal Apparatus.** Eyes watery and dull, with a sharp sticking pain in left inner canthus, as of a sharp stick being stuck in lower lid (second day),⁷.—Flow of tears,²².—Excessive lachrymation,²⁵.—[90.] Watery sensation in left eye, soon passed off (after eleven hours),²⁰.—Pain from right lachrymal duct around the eye to the temple,¹⁰.—Sticking pain about punctum lachrymale of left upper eyelid,¹⁷.

Ear.—Sensation as if there were something in the ear,¹⁵.—Sensation of water in left ear, which soon passes off (after ten hours and a quarter),²⁰.—A pain and sensation of fulness in meatus of left ear, for a short time (after one hour),^{17b}.—Aching in both ears, lasting about fifteen minutes,²⁴.—**Hearing.** Noises in ears after eating,²⁵.—Roaring in the head, for half an hour after dinner, and in the evening before going to sleep, which made him dizzy,¹.

Nose.—Objective. Flow of mucus from right nostril, lasting for three days,¹⁰.—[100.] Discharge of much mucus from nostrils (sixth day),¹¹.—Much coryza,¹.—Epistaxis,¹.—**Subjective.** Symptoms of a cold in the

head(?), with lameness of the thighs, much mucus in lumps of a dirty-yellow color, from posterior nares, during the whole week (second and third days),¹¹.—**Sensation on bridge of nose similar to that produced by touching it with a metallic substance*,¹⁷.—**Uneasy creeping and pressive sensation about ossa nasi, lasting about an hour, and is the sensation experienced by most persons on putting on a pair of heavy spectacles, if not accustomed to wear them (after one hour)*,^{17b}.

Face.—Pain in left side of face and teeth,¹⁵.—Left cheek flushed (after eleven hours),²⁰.

Mouth.—Teeth. Aching soreness in teeth (second day),¹⁹.—Pain in molar teeth of right side,¹⁰.—**Tongue.** [110.] A whitish-furred tongue, in morning,¹⁰.—Tongue covered with a white fur (after three hours),⁶.—Small spot on left side of tongue, which itches,¹⁰.—Sore spot on tip of tongue (fourth day),^{17b}.—Small sore on right side of tip of tongue, also one on each lip, continuing several days (second day),¹⁸.—Sensation of soreness on left side of root of tongue on swallowing, accompanied by roughness and stiffness, continuing through night (after nine hours),¹⁸.—**General Mouth.** Sores in mouth on under lip (second day),¹⁹.—Small sore on roof of mouth,¹⁰.—Great fetor of the mouth,³.—Dryness in mouth, with desire for cold water,²⁵.—[120.] Much dryness and heat in the mouth and throat, at night, he is obliged to drink frequently, with sticking posteriorly under the tongue,¹.—Contractive burning sensation in the palate,¹.—A peculiar drawing in mouth, after rising, until breakfast (second day),¹⁸.—Soreness in roof of mouth,¹⁷.—Pricking sensation in mouth and fauces,¹⁰.—**Saliva.** Increased flow of saliva (second day),^{16 21}.—Increased flow of saliva during the day, so much so, that when he attempted to speak, he found some difficulty, from his mouth being constantly filled with saliva (second day),¹⁶.—Salivation,²⁶.—Most excessive salivation, immediately,³.—Incipient salivation,⁵.—**Taste.** [130.] Bad taste in mouth, with phlegm and ptyalism,²⁵.—Metallic taste in mouth, from 8 A.M. till 2 P.M., modified by a continual tendency to hawk and spit, with unusually copious flow of saliva and mucus (second day),¹⁸.—Peculiar metallic taste in mouth, not much unlike sulphate of zinc, or the taste after a metal or salt, after tea, continuing more or less one hour (after eleven hours),¹⁸.—Taste as of tobacco, coffee, in mouth,¹⁰.

Throat.—A good deal of mucus at the posterior nares, which comes away in lumps (second day),¹⁹.—Throat dry, at 8 A.M., on waking (second day),²⁰.—(**Increased dryness of throat and mouth, being obliged to moisten and rinse the mouth every time he wakes*),¹¹.—Pressive contractive pain in the throat, when simply swallowing saliva,¹.

Stomach.—Much appetite for eating and drinking, and much desire for coition,¹.—Great desire for eating, and for coition,⁶.—[140.] Appetite greatly impaired, in morning. But little appetite for breakfast (second day),⁷.—Loss of appetite,²⁵.—Loss of appetite, eats very little,²⁵.—No appetite, aversion for all food,¹.—**Thirst.** Thirsty, at 8 A.M., on waking (second day),²⁰.—**Eructation.** Acidity of stomach, general headache, and heaviness of eyes came on before noon, somewhat as usual, only much aggravated (second day),⁹.—Regurgitation of wind from stomach (second day),¹⁹.—**Nausea and Vomiting.** Nausea (immediately),¹.—Nausea and uneasiness in stomach (after ten minutes),⁷.—Nausea, with occasional throbbing in left hypochondrium (second day),⁷.—[150.] Mucus thrown up tastes like old tallow, mixed with coffee,¹⁰.—**Stomach.** Sensation of emptiness in stomach, and very hungry two hours after eating a hearty

breakfast,¹¹.—Sense as if secretions were flowing from stomach and all the mucous surfaces, as well as from the salivary glands (second day),¹⁸.—Soreness in stomach, with tightness in temples,²³.—Tenderness of epigastric region (after eleven hours),⁸.

Abdomen.—Hypochondria. Pains of short duration in right hypochondrium; in middle of left breast, in front; in left kidney; occiput (fifth day),^{17b}.—The severest pains were in hypochondria and kidneys,^{17b}.—Aching and somewhat sharp pain in the left hypochondrium, in front, over a space as large as may be covered by the hand; worse on moving about, and in the open air. Pain soon extending around the lower border of ribs behind, and to region of left kidney, where it seems dull and somewhat oppressive. All felt and disappeared in four hours. Soon after, appearing in right hypochondrium, in front, and extending around to back, and region of right kidney, where the pain is of the same character as in the left kidney. The dull pressive pain is felt in one and then in the other region of the kidney alternately. The pains intermit in severity, and those in the hypochondria are relieved by bending forward (soon after),¹⁷.—**Umbilical.** Constrictive feeling in umbilical region, at 11 A.M. (third day),⁸.—Soreness in umbilical region, obliging him to turn during the night as well as during the day (third day),¹¹.—**General Abdomen.** [160.] Abdomen distended (second day),⁷.—Rumbling through the abdomen, below transverse colon, which lasted about one hour and a half (after six hours),⁶.—Rumbblings in abdomen, and pains passing from the epigastric to the pubic region (after ten minutes),⁹.—Uneasy, indescribable feeling in abdomen,⁸.—Sensation of approaching looseness of bowels, in evening,^{17b}.—Pain in bowels before each evacuation (second day),¹³.—Sensation as if abdomen were too large, and wishes to have everything loose about the bowels,¹⁵.—Gripping pain in bowels,¹⁵.—Excessive gripping in the bowels,³.—Shooting pains in bowels, at intervals during day,¹³.—**Hypogastrium and Iliac Region.** [170.] Pain in lower part of abdomen, attended with diarrhœa, and also flatulence, after taking the first dose. (Colic from eating boiled cabbage),¹⁰.—Sore feeling extending from the small of the back around both sides over ossa ilii, worse on pressure,¹⁰.

Rectum and Anus.—Bleeding piles for two days,¹⁰.—Feeling of weight in lower part of rectum, and a sensation like aching, after dinner (ninth day),^{17b}.—Violent itching in anus, worse at night, in bed,¹⁰.

Stool.—Diarrhœa. Nightly diarrhœa for two weeks, without colic,².—Two stools daily,¹.—Two easy soft stools every day, preceded by some gripping, which is relieved after the stool,¹.—Two passages from bowels, in afternoon, the last one with straining,²⁴.—**Constipation.** Constipation, only one passage in a week,²⁵.—[180.] Violent constipation, lasting all the time while taking, and for a long time after,¹⁰.—Disposed to costiveness throughout the whole proving,^{17b}.—Stools hard and too large (second day),⁷.

Urinary Organs.—Urethra. Pain like a soreness in the urethra, while urinating, although it is not painful to pressure,¹.—Sensation as if there were a raw spot in centre of urethra, which woke him up two nights in succession,¹⁰.—Urgent desire to urinate (after ten minutes),⁹.—**Micturition.** Increase of urinary discharges,¹⁰.—Great increase in flow of urine and saliva, lasting one hour, with shooting pain in left side of head, from occiput to forehead,²².—More profuse discharge of clear urine,¹⁰.—**Urine.** Urine tinged yellow (third day),⁸.—[190.] Urine turbid,¹⁵.

Sexual Organs.—Male. Redness and swelling of the prepuce; it looks sore, with itching pain,¹.—Small red spots on the glans penis,¹.—Two

small red spots appeared on each side of the glans, secreting a large quantity of lardaceous matter. It had the appearance, according to his opinion, of herpes preputialis,¹⁰.—Shining red points on the glans, as if pimples would form,¹.—Penis swollen,¹.—Jerking in the penis,¹.—Violent erections in the evening,¹⁰.—Violent erections in the evening, in bed,¹.—Tearing stitches in the glans,¹.—[200.] Itching pain in the fossa behind the glans penis; pus having a nauseous sweetish odor oozes out,¹.—Violent itching of the corona glandis, with a profuse secretion of pus; the itching was so violent as to cause him to rub it, which only ceased it for a short time, to return with tenfold violence,¹⁰.—Burning, sticking itching on the corona glandis, in the evening, relieved by rubbing, soon after, returning more violent than ever,¹.—Sexual excitement on the least provocation (second day),²⁰.—Sexual excitement, as if about to have an emission, but is able to combat the feeling, at 2.30 P.M. (second day),²⁰.—Increased sexual desire, with erections, which continued at night, terminating by an emission of semen (second day),^{16b}.—After finishing the medicine, all desire for an embrace is lost, which was not the case before he took the medicine,¹⁰.—**Female.** **Leucorrhœa*, the discharge of which causes a pressure in the vagina,¹.

Respiratory Organs.—Voice. Hoarseness of the voice, in the morning, going off in two or three hours,¹³.—Every evening, hoarseness, with crouplike cough,¹⁰.—**Cough.** [210.] Cough,³.—(On lying down she is compelled to cough incessantly, relieved by sitting up; single, very dry shocks of cough),¹.

Chest.—Front. Pain under lower point of sternum, extending to left side under short ribs,¹⁰.—Pain running near ensiform cartilage from the seventh rib on right side, diagonally through to the chest,²¹.—A severe pain extending from the cartilage of the seventh rib at its junction with the sternum, to the right hypochondriac region under the inferior border of the tenth rib, from 4 to 5 P.M. (second day),¹⁶.—Sticking in chest, just beneath sternum,¹⁵.—**Sides.** Pain in upper part of left and right lung,¹⁰.—Pain on seventh rib of each side, in a spot as large as a quarter dollar, more on left side,¹⁰.—Occasional pains in left side of chest, between cartilages of fifth and sixth ribs (second day). Returned in evening, in region of heart, of a sharp cutting character, producing difficulty in getting breath, while they continued (third day). Returned in forenoon, followed by wandering pains throughout whole chest (fourth day),¹⁶.—Soreness under right breast, near last true rib, particularly on drawing breath,²⁵.

Heart and Pulse.—Præcordium. [220.] *An inward soreness over the heart, extending along the left arm on taking a long breath,¹⁰.—**Heart's Action.** Nervous trembling of the heart, with anxiety, to which she was formerly subject, again returns, in evening,²⁴.—**Pulse.** Pulse at first rapid, intermitting, strong, afterwards tremulously weak,³.—Pulse, which was at 12 M. from 44 to 52, rose at 4 P.M. to 80,¹⁵.—Pulse 60, at noon; 80 in evening (second day),¹⁹.—Pulse 60 (second day),⁷.—Seems to lower the pulse in forenoon and make it irregular,¹⁵.—Throbbing-like pulse and sticking here and there near the sternum and beneath the short ribs, mostly when walking, least when sitting and lying,¹.

Neck and Back.—Neck. Pain in back part of neck, when head is thrown back, extending to occiput,¹⁰.—Pain on right side of neck, below the sterno-cleido-mastoid muscle, on turning head,¹⁰.—[230.] The muscles of the back part of neck seem as if contracted,¹⁰.—Pain as if dislocated in the cervical vertebræ,².—Soreness from right ear into the middle of the

posterior cervical region, as if the glands were affected (second day). Soreness increased, very severe in evening (third day),²⁰.—**Back.** Tearing pain and a sensation as if everything would separate in the side of the back, especially at night, on the slightest motion in bed, and also in the arm while writing, both relieved by the warmth of the stove,¹.—**Dorsal.** General pain all over the back, down to loins, worse after every dose of medicine, aggravated on drawing a long breath,¹⁰.—Dull pain in lower dorsal portion of spine, continuing only for a short time (after ten minutes),⁹.—Sticking pain in region of left side of fifth and sixth dorsal vertebræ, in evening (fifth day). Same pain occasionally on the *right* side of same vertebræ (sixth day),^{17b}.—**Lumbar.** Aching in small of back, as if bruised,²⁴.—Aching pain in small of back and legs (sixth day),¹¹.—Aching across small of back and in limbs, in morning (third day),¹¹.—[240.] Severe aching and drawing pains in back, from region of kidneys to sacrum, and in thighs and legs, all last night and to-day. Drawing up of legs affords relief. (The pains in legs were exactly like those he suffered years ago from *Calomel*), (seventh day),¹¹.—Awaked by a dull sticking pain in region of left kidney, which lasted but a short time, about 4 A.M. Afterwards, tossing about and sleeplessness for an hour (fifth day),^{17b}.—Sharp pain, at night, in region of kidneys, as if a nail had been driven in on each side of the vertebræ,¹⁰.

Extremities in General.—Paralytic sensation in all the limbs; he is heavy and sleepy,¹.—Numbness and heavy aching in arms and knees, and lower legs, at 8 P.M. (second day),⁸.—Pain in all the joints, with lameness, during the day (second day),¹⁹.—Dull aching in bones of forearms and legs (second day),⁷.—Dull aching pain in bones of forearms and legs (after six hours and three-quarters),⁸.

Superior Extremities.—Edema of right arm,²⁶.—Pain along left arm, particularly in little finger, third finger, and thumb,¹⁰.—[250.] Wakened several times from sleep at night by a severe pain in right arm. It continued next morning and during the day; at times very severe, commencing about the centre of the os humeri, and extending to the elbow and along the radius to its inferior extremity; the pain was of a heavy, aching character, deepseated, and caused lameness and difficulty in moving the arm (fourth day),¹⁶.—Severe stitches, at times, in the arm,¹.—**Shoulder.** Lamé sensation in right shoulder-joint, in evening (second day),¹⁷.—**Elbow.** The least twitch causes the elbow-joint and shoulder to crack,¹⁰.—Numb feeling in elbows, as if the ulnar nerve was compressed, also numbness in knee-joints,¹⁵.—A constant pain in left arm-joint when turning and straightening the arm and when writing,¹⁰.—On supinating the forearm, the pain is worse at the elbow; it feels as if the "crazy-bone" were struck,¹⁰.—**Forearm.** Numbness of left arm, from elbow down to end of little finger,⁸.—Numbness in left arm, from elbow to end of little finger, passing off on using the arm, and returning again while at *rest* (second day),⁷.—**Finger.** Pain in right little finger,¹⁰.—[260.] Occasional shooting and prickling pain in the two middle fingers of left hand, better by firm pressure upon thumb (after two hours),¹².—Sharp darting pains like electric flashes, passing from the first phalanx of ring finger of right hand to middle of forearm, and from lower extremity of radius of left arm up to elbow (after one hour),¹⁶.

Inferior Extremities.—Lameness and frequent stitches on walking, particularly inner side of knee-joint (second day),¹⁸.—Tired feeling in all the joints of lower extremities, better from rising and walking,²⁰.—

Drawing in all the muscles of the lower extremities, on the under surface,¹⁰.—**Hip.** Pain and tired feeling in right hip, and afterwards in left,²⁰.—**Thigh.** Aching pains in thighs, during day and night (second day),¹¹.—Drawing-aching pains in thighs, from the hip-joints nearly down to the condyles, aggravated by moving, and accompanied with great lameness on getting up and attempting to walk, getting better after walking a short distance,¹¹.—Shooting-aching pain on posterior side of right thigh, from hip-joint to middle of os femoris, on straining at stool (after two hours),¹¹.—**Knee.** Pain in knee-joint, worse at noon, while walking,¹⁰.—[270.] Frequent pain in lower side of left knee, near inner side of tibia (second day),¹⁸.—Sticking pain in back part of left knee-joint for a short time in forenoon (second day),^{17b}.—A slight sticking pain in right knee-joint, with a creeping sensation above and below it, seemingly about the bone, lasting about an hour, in afternoon (second day),^{17b}.—**Leg.** Painful jerking in the lower leg, in the evening, after going to sleep, awakens him,¹.—Pain in tendo Achillis and os calcis after walking,¹⁵.—**Ankle.** Sore feeling of the ankle, attended with heat and itching over the whole leg,¹⁰.—**Foot.** Pressive sensation in the foot, as if it would go to sleep,¹.—**Toes.** (Rheumatic pain in the great toe),¹.

General Symptoms.—Objective. Nervous system excited,²⁰.—Lassitude, weariness,¹⁰.—[280.] Uncommon tiredness and weakness (sixth day),¹¹.—Great weakness of all the limbs, in morning (second day),⁷.—Continual restlessness, and dreams that a lump is in his throat and right ear,¹¹.—Great restlessness and nervousness (second day),¹⁹.—Nervousness and irritability for a short time, about noon (second day),^{17b}.—**Subjective.** Heaviness and sleepiness during day (fifth day),^{17b}.—A dull, heavy, and at times a sleepy feeling during day (second day),¹¹.—Sense of languor and depression, as after excessive exhilaration or intoxication; this continued, with intermission, for three days (second day),¹⁸.—Felt wearied in body and confused in mind on going to bed (after ten minutes),⁹.—Feels very tired in morning, after restless sleep with many dreams (third day),¹¹.—[290.] Feeling of depression and weakness of whole system, as after a severe illness (second day),⁷.—Feeling as if an attack of typhus fever were coming on,¹⁰.—Sense of general prostration in morning (second day),⁷.—General nervous, uneasy sensation (second day),²⁰.—A peculiar nervous thrill pervading the whole frame, even to the fingers and toes, affecting especially the joints (second day),¹⁸.—Sensation of having taken cold,²⁰.—A very uncomfortable sensation in the body after eating, as if it were distended and puffed up; sensation across the chest and stomach, as if oppressed,¹.

Skin.—Objective. Redness of skin, like a chronic eruption,²⁵.—**Eruptions, Dry.** Eruption on posterior cervical region,²⁰.—Eruption on inner and lower part of thigh, with itching (second day),¹⁹.—[300.] (Warts here and there on the prepuce, which bleed when touched),¹.—**Eruptions, Moist.** A small pimple (like a transparent vesicle), sore to touch, on inner edge of eyelid, near the spot where the pain was, the latter having disappeared (second day),¹⁷.—Right middle finger and palm of hand, scurvy tetter exedens,¹⁰.—**Eruptions, Pustular.** (The margin of ulcers becomes painful and tense),².—Sore in inside of under lip towards the left,¹¹.—**Subjective.** From the first, felt as if pimples would come out over his body, with general uneasy sensation and itching; (has had this feeling for some time, but now in an aggravated form),²⁰.—Itching at night, especially on inside of thighs,²⁰.—Itching in various parts of the

body while walking in open air,^{17b}.—Itching over the body during the day (second day),^{17b}.—Spot on right side, on one of the ribs (seventh and eighth), as large as a wafer, very sore to touch, with occasionally a sore pain in and around it (fourth day); some pains on left side, but without the sore spot (fifth day),^{17b}.—[310.] Itching of eyelids and of various parts of body (sixth day),^{17b}.—Itching of nose, with bleeding, after blowing it; the blood is very dark; the itching is caused by pimples at right nostril,¹⁰.—Itching on left side of face,¹⁰.—Itching in palm of right hand,¹⁰.—Violent itching on the inside of the thighs, knees, and legs, worse at the knees, especially at night (sixth day),¹¹.—Violent itching and pricking on inner side of knee-joint ever since he began to take the medicine, worse in the night and the morning before getting up,¹¹.—Sticking-itching in the forepart of the throat, forepart of the chest, with swollen cervical glands; red points appear, forming round spots, with hard granular pimples; this eruption burns and itches, especially on scratching; at last the spots became painful,¹.

Sleep and Dreams.—Sleepiness. Drowsiness,²⁵.—Great drowsiness and lassitude in warm room (after two hours),¹².—Unusual drowsiness in morning,²⁴.—[320.] Unusual drowsiness and heaviness over eyes (after three hours),²⁴.—Felt a drowsy sensation, as though he could sleep readily; went to bed at 12 o'clock (after two hours),²⁰.—Desire to sleep during day,¹⁷.—Disposition to sleep during the day,¹⁰.—Disposition to fall asleep while listening to the lecture, several times, notwithstanding great effort to keep awake, at 11 A.M. (third day),⁸.—Great inclination to sleep during day (third day),^{17b}.—*Sleeplessness.* No desire for sleep, but sat up and read until 1.30 A.M.; did not sleep for half an hour after going to bed,²⁰.—Restlessness at night,¹⁷.—Restlessness and sleeplessness during night from a constant flow of ideas, changing from one subject to another,¹⁶.—Great restlessness at night, continual dreaming and waking,¹¹.—[330.] Restless and tossing about during the whole night, with anxious dreams, which he is wholly unable to recall after awaking (second day),¹.—Restless, uneasy sleep; increased restlessness on following night, with constant dreaming; seemed to dream before getting to sleep,¹⁹.—Sleep restless, with vivid dreams, but he cannot remember them in morning,¹⁵.—Still had drowsy sensation on going to bed, and very strong desire to sleep, but could not sleep on account of a disagreeable nervous sensation, which caused him to toss about in bed for an hour and a half,²⁰.—After retiring, did not sleep for over an hour, but tossed about, very nervous and mentally vexed,²⁰.—Wakes up suddenly, as from a dream,²⁵.—Waking suddenly after midnight, as from a dream, he has no breath, like a nightmare,¹.—Awoke and started up several times without purpose,⁹.—Loss of sleep during forepart of night (second day),¹.—Loss of sleep at night, without pains and without exhaustion; in the morning he feels strengthened, and as if he had no need of sleep,¹.—[340.] Nightly sleeplessness; hears the clock strike every hour,²⁵.—Sensation as if he had not had a refreshing sleep, at 8 A.M., on waking (second day),²⁰.—*Dreams.* Dreamed continually,²⁰.—He would be scarcely lost in a drowse before he would be dreaming,¹¹.—Dreams, with much talking in sleep, which is very restless,¹⁰.—Had several dreams, and woke several times during night,¹¹.—Many dreams, and waked up often,¹¹.—Vivid dreams of studies and business, etc.,¹¹.—Vivid dreams of the lectures, particularly the anatomical, during the night; could not believe that he was not actually there (third day),¹¹.—Slept not so well as the night before, and his dreams are vivid and rather pleasing, but he cannot bring

them to his recollection ; (he dreams more or less every night, but thinks the above dreams were rather unusually vivid),²⁰.—[350.] Unusually vivid dreams of a sensual nature,²⁴.—Slept very well, but had very vivid dreams, which he could not remember,²⁰.—Although accustomed to dream much, yet he had more troublesome dreams than usual,⁹.—In one of his dreams, saw a spider as large as an ox,⁹.

Fever.—Chilliness. Chilliness in warm room,⁸.—Feeling of coldness and sensation of inertia,²⁵.—Sensation as if a cold breeze was blowing upon the eyes, very marked, in afternoon, when sitting in house (second day),¹⁸.—A space about the size of a quarter-dollar, just above and between the supraorbital regions (root of nose?), felt as though pressed upon by a cold metallic body, while within the cranium underneath there seemed to be more warmth than usual (after ten minutes),⁹.—Coldness in the joints; shivering and drawing in the arms and legs,¹.—Hands cold,¹⁵.—**Heat.** [360.] Fever,²⁶.—Occasionally, fever and fulness in forehead,²⁰.—From the front to the back of the head, mostly over right eye and temple, heat in the head (second day),⁷.—Front of head very hot (after half an hour),⁸.—Heat rises from the stomach into the throat and head, at night, while lying in bed, disappears on sitting up,¹.—Flashes of heat, confined to abdomen, with great flatulence,¹³.—Abdomen, below transverse colon, felt hot (after three hours),⁸.—Sensation of warmth under sternum (second day),¹⁸.—Felt a warm glow through legs, soon succeeded by a dull pain in left arm, just above elbow, and occasional darting pains in lower extremities (after ten minutes),⁹.—**Sweat.** Perspiration about 12 m.,¹⁰.—[370.] Skin moist and cool (second day),⁷.—Sweat between the thighs while walking; it has an offensive odor and is corrosive,¹.—Profuse sweating between the thighs,¹⁰.

Conditions.—Aggravation.—(*Morning*), On rising, at 7 o'clock, giddiness, etc.; after waking, especially when lying on left side and pressing forehead into pillow, pain in forehead; on waking, especially when lying on left side and back, aching pain in forehead; on waking, pain in organ of *Conscientiousness*; after rising from bed, fulness, etc., in occiput, etc.; furred tongue; after rising, drawing in mouth; on waking, at 8 o'clock, throat dry; appetite impaired; on waking, at 8 o'clock, thirsty; hoarseness; aching across small of back, etc.; at 4 o'clock, pain in kidney region; weakness of limbs; sense of prostration; before getting up, itching etc., on inner side of thighs.—(*Forenoon*), All symptoms; head full; at 11 o'clock, feeling in umbilical region; pain in knee-joint.—(*Noon*), While walking, pain in knee-joint; nervousness, etc.; perspiration.—(*Afternoon*), From 4 to 5 o'clock, pain from ribs to hypochondriac region; pain in knee-joint; sensation on eyes.—(*Evening*), All pains; pain in forehead; pain in right frontal region; shooting in temple; soreness of eyes; erections; hoarseness; soreness from ear to neck; pain in side of dorsal vertebræ; at 8 o'clock, numbness, etc., in limbs; sensation in shoulder-joint.—(*Night*), Dryness, etc., in mouth; itching in anus; on motion in bed, pain in back; itching inside of thighs; itching, etc., on knee-joint; while lying in bed, heat from stomach into throat, etc.—(*Before midnight*), Loss of sleep.—(*Open air*), Pain in left hypochondrium.—(*After dinner*), Feeling in rectum.—(*After eating*), Noises in ears.—(*Inspiration*), Soreness under breast.—(*Long inspiration*), Soreness over heart; pain over back.—(*Lying down*), Cough.—(*Motion*), Pain in forehead; sensation across temples; pain in left hypochondrium; pains in thighs.—(*Moving eyes and scalp*), Pain in supra-orbital region.—(*Pressure*), Pain in head; sore feeling over ossa ili.—(*Reading*), Pain in head.—(*Rest*), Numbness in arm.—(*Sleeping*), Head-

ache.—(*Before stool*), Pain in bowels.—(*Thinking*), Pain in head.—(*Walking*), Throbbing pulse, etc.; pain in tendo Achillis; sweat between thighs.—(*In warm room*), Pain in supraorbital region; drowsiness, etc.—(*Writing*), Pain in arm.

Amelioration.—(*Afternoon*), All symptoms.—(*Evening*), All symptoms.—(*Open air*), Feels better; mental sensation; fulness, etc., in head.—(*Walking in open air*), Sense of elevation.—(*Bending forward*), Pain in left hypochondrium.—(*External compression of head*), Attacks of headache.—(*After dinner*), Feels better.—(*After eating*), Better.—(*Getting up and washing*), Pain in forehead.—(*Sitting up*), Cough.—(*After sleeping*), Better.—(*Turning to right side of bed*), Pain in forehead.—(*Walking*), Feeling joints of lower extremities; pain in thighs.—(*Warmth of stove*), Pain in back; pain in arm.

CINNAMOMUM.

Cinnamomum zeylanicum, Breyne.

Natural order, Lauracæ. *Common names*, Cinnamon; (Fr.), Cannelle; (G.), Zimnt.

Preparation, Tincture of the best bark of commerce.

Authority. Dr. E. Darwin Jones, of Albany, N. Y., MSS.

A lady, having prepared a tea of the bark for her own use, to check excessive menstrual flow, allowed her child, about 3 years old, to take an occasional sip. After two or three days, the doctor was called to attend the child, who was suffering from hæmorrhage from the bowels, occurring especially after any physical exertion; even running across the room would cause this hæmorrhage, which was bright-red and clear. This was associated with frequent attacks of nosebleed; in other respects the child seemed to be in good health.

CISTUS.

Helianthemum Canadense, Michx.

Natural order, Cistacæ. *Synonyms*, *Cistus Canadense*, Linn.; *Helianthemum corymbosum* and *rosmarinifolium*, Pursh. *Common names*, Rock-rose, frostweed.

Preparation, Tincture of the whole plant.

Authorities. Hering's Monograph, Philadelphia, 1866; 1, Dr. Bute's observations; 2, "careful proving with globules of the X," by Dr. Gosewich.†

Mind.—*After supper, until bedtime, cheerfulness,².—*Bad effects from vexation (1st dil.),¹.

Head.—Headache all day, oppressive,¹.—Headache in the sinciput after being kept waiting for dinner, which is better after eating,².—Headache in the right side, with piercing pain in the eye,².—Generally the headache grows worse towards evening and lasts all night (Puls.),².

Eye.—Feeling as though something were passing around in the eye, with stitches,¹.—Stitches in the left eye,¹.—**Brow and Orbit.** Feeling as of a weight above the eyes,¹.—[10.] Pressure above the eyes,¹.—Pressure

† Starred symptoms are denoted in Hering's monograph "cured symptoms;" whether pathogenetic or not is not stated. Symptoms obviously clinical are omitted.

above the eyes, in the forehead,¹.—Pressure in the glabella,¹.—Spasmodic piercing pain in the middle of the upper rim of the right eye-socket, with some headache on that side,².

Ear.—High swelling, beginning at the ear and extending half-way up the cheek,¹.—Inner swelling of the ears,¹.—Inner swelling and discharge from the ears,¹.—Swelling of the parotid glands,¹.—Discharge from the ears of water and bad-smelling pus,¹.

Nose.—The left side of the nose grew painfully inflamed and swollen (cured by Sepia),¹.—[20.] Sneezing, without cold in the head or any other cause,¹.—Burning sensation in the left nostril,¹.—*Painful tip of nose, which at first grew worse, and then was cured,².

Face.—A feeling as though the facial muscles would be drawn to one side,¹.—Half way up the cheek, swelling beginning at the ear,¹.

Mouth.—Teeth. Twitching-stitching toothache in a decayed molar tooth in the left upper jaw,².—**Gums.** *Very scorbutic gums, swollen, separating from the teeth, bleeding easily, putrid, disgusting (15th dil.),¹.

—**Tongue.** Immediately after taking a dose (10 o'clock A.M., X 000), the tongue grew cool, then the breath through the mouth and nose gave a decidedly cool feeling in the larynx and in the windpipe; much saliva in the mouth, which is also cool; more mental calmness than usual; some sleepiness,².—Sore tongue, as if raw on the surface,¹.—Continuous soreness of the tongue, as if raw,¹.—[30.] *Dryness of the tongue and roof of the mouth (1st dil.),¹.

Throat.—Hawking of mucus which is lodged at the head of the windpipe,².—Cold air causes pains in the throat,¹.—*Hawking of mucus (1st dil.),¹.—*A feeling of softness in the throat (1st dil.),¹.—*Continuous feeling of dryness and heat in the throat (1st dil.),¹.—*Must get up in the night, on account of dryness in the throat,¹.—*In the night, swallowing of saliva, on account of dryness,¹.—*The patient is constantly obliged to swallow saliva to relieve an unbearable dryness, especially during the night (1st dil.),¹.—*After eating, the dryness of the throat is relieved (1st dil.),¹.—[40.] *Stitches in the throat, causing cough, whenever mentally agitated (1st dil.),¹.—*Every mental excitement is followed by stitches in the throat, producing a cough (1st dil.),¹.—*Tearing pain in the throat when coughing,¹.—*In the morning, sore pain in the throat and dryness of the tongue (1st dil.),¹.—*Rawness, extending from the chest into the throat,¹.—*Feeling as of rawness, extending from the upper part of the chest into the throat (30th dil.),¹.—*A feeling as if sand were in the throat (1st dil.),¹.—*Tickling and soreness in the throat (1st dil.),¹.—*Periodical itching in the throat (1st dil.),¹.—*Inhaling cold air causes pain in the throat (1st dil.),¹.—**Fauces.** [50.] *Fauces inflamed and dry, without feeling dry; tough, gumlike, thick, tasteless phlegm brought up by hawking, mostly in the morning (30th dil.),¹.—**External Throat.** Glands on the throat swollen,¹.

Stomach.—Appetite and Thirst. (Inclination for acid food),¹.—(He wants cheese),¹.—Thirst with the fever,¹.—**Eruetation.** Eruetation, with feeling as though it would relieve,¹.—Cool eruptions,².—**Nausea.** Frequent nausea (1st dil.),¹.—Cold feeling in stomach before and after eating,².—Before and after eating, a cold feeling in the stomach; cold eruptions,².—[60.] Immediately after eating, pain in the stomach,¹.

Abdomen.—Hypochondria. Stitches in the left hypochondrium,¹.—In the morning, on waking, a bruised pain under the hypochondria, with flatulence,².—**General Abdomen.** In the evening, the

belly puffed up with flatulency,².—Flatulence and uncomfortableness in the intestines,¹.—Towards evening, flatulence; last evening there was several times a discharge of wind, as when air-bubbles rise in water,².—Much flatulence and pain in the hypochondria,¹.—Troubled with wind in the belly at night,².—Immediately after taking the dose, discharge of much wind,¹.—*The wind is not incarcerated as often as before,².—**Hypogastrium and Iliac Region.** [70.] In the groin, pain coming from the back,¹.

Rectum and Anus.—Towards evening, violent urging of stool; stool pappy,².

Stool.—Diarrhœa, lasting a short time,¹.—*Diarrhœa after eating fruit,¹.—After drinking coffee, diarrhœa,².—*Till daybreak, very thin stools, squirting out, of a grayish-yellow color; until noon, three more discharges,².—In the morning, thin stool,².—(The thin stools are hot),¹.

Sexual Organs.—Frequent itching on the scrotum,².

Respiratory Organs.—**Larynx and Trachea.** In the larynx and windpipe, cool feeling,².—[80.] At night, an itching and scratching in the larynx, and anxious dreams,².—*Pain in the windpipe (1st dil.),¹.—**Cough and Expectoration.** *Cough, from stitches in the throat (1st dil.),¹.—*Cough, with a very painful tearing in the throat (30th dil.),¹.—*Mental agitation increases the cough (15th dil.),¹.—*Expectoration of bitter mucus (1st dil.),¹.—**Respiration.** *Impure breath (1st dil.),¹.

Chest.—After partaking of it frequently in the form of tea for the sequæ of scarlet fever, it caused an induration of the left mamma, which was taken for cancer and successfully operated upon. Lippe.—Fulness in the chest,¹.—Pain in the chest, and in the throat,¹.—[90.] Pain in the chest and in the shoulder,¹.—*Pressure on the chest (1st dil.),¹.

Neck and Back.—A burning bruised pain in the os coccygis,².

Extremities in General.—Pain in all the joints,¹.—Always, or repeating the dose, a drawing and tearing in all the joints, particularly in the knees and finger-joints,¹.—Involuntary drawing and trembling feeling in the muscular parts of the hands and lower extremities, with pain in the wrists, fingers, and knee-joints,¹.—A bruised pain in all the limbs, as from fatigue,¹.

Superior Extremities.—The right arm and back of the hand are painfully sensitive to the least touch,².—**Shoulder.** Pain in front of the right shoulder,¹.—In the evening, violent pain in the left shoulder and in the chest, with a feeling as though an eructation would relieve the pain,¹.—

Wrist. [100.] Pain in the wrists,¹.—A sprained pain in the wrist, drawing, scraping,¹.—**Hand.** Hand pain,¹.—In the afternoon, a bad pain in the right hand, so that he cannot use it,¹.—In the hands, drawing trembling feelings,¹.—**Fingers.** The tips of the fingers were very sensitive to the cold; the pain becoming more intense when they grew cold,².—Pain in the fingers of the right hand, while writing,¹.—Pain in the finger-joints,¹.—The pain in the arm extends to the tip of the little finger periodically, a very sensitive, piercing, drawing pain, so as to draw up the little finger,².—Tearing in finger-joints,¹.

Inferior Extremities.—[110.] Drawing, trembling feeling in the lower extremities,¹.—**Thigh.** While walking, a violent pain in the right thigh,¹.—Pain, as from a blow or shock in the left buttock, going down on the inside of the thigh-bone, distinctly felt in the knee-joint; with spasmodic drawing together of the calf of the leg,².—**Knee.** Pain in the knee, coming from the thigh,².—Pain in the knee, in the evening,¹.—In the

evening, pain in the knees, in the right hand and left shoulder,¹.—Pain in the knees and in the right thigh, when walking or sitting,¹.—Pain in the knee-joint,¹.—Tearing in the knees,¹.—*Leg.* Spasmodic drawing together of the calf of the leg,².—*Toes.* [120.] In the evening, a sharp piercing pain in the right great toe,¹.

General Symptoms.—Trembling, with the fever,¹.

Skin.—Objective. Eruptions, Dry. Below the right shoulder-blade, extending around to the front of the body, was a very much inflamed spot about the size of the palm of the hand, painfully sore to touch; soon after pimples began to appear on this spot in a large group, they caused violent burning. Later, a pain went from this beltlike spot to the left hip and into the groin; the pain was like rheumatism, motion increased it,¹.—*Eruptions, Moist.* Vesicular erysipelas in the face,¹.—**Eruptions on the back, like zoster,*¹.—*Subjective.* Sensation as if ants were running through the whole body, in the evening, a quarter of an hour after lying down, then anxious, difficult breathing,¹.—In the evening, a quarter of an hour after lying down, a sensation as if ants were running through the whole body, then anxious difficult breathing. He was obliged to get up and open the window; the fresh air relieved him; immediately on lying down again these sensations returned, two evenings in succession,¹.—Itching all over the body, without eruption,¹.—Itching and scratching on the outside of the throat, in the region of the larynx,².—Itching of the belly and umbilicus,².—[130.] Itching on the back,².

Sleep and Dreams.—Very restless at night, the first night, the next night slept well,².—Very restless at night; pain from flatulency; he could move the wind with his hands and bear it,².—Anxious dreams,².

Fever.—Chilliness. Chill succeeded by heat,¹.—Violent chill, succeeded by fever heat, with trembling, accompanied by a quick swelling and great redness of the glands below the ear and in the throat,¹.—The coolness, particularly in the throat, continues all day,².—Coolness on the forehead,¹.—Cool feeling in the nose,².—Cold feeling in the abdomen,².—[140.] Cold feeling in the whole abdomen,².—*Cold feet (1st dil.),¹.—*Heat.* Heat with thirst, causing to drink frequently,¹.—Heat in the face,¹.—Heat and burning of the facial bones,¹.—*Flushes of heat in the face (1st dil.),¹.—*Sweat.* In a very warm room the skin grows moist, at the same time the forehead is not only externally cool, but also there is a feeling of coolness inside,².

Conditions.—Aggravation.—(*Morning*), *Sore pain in throat, etc.; fauces inflamed, etc.; on waking, pain under hypochondria, etc.; thin stool; **all symptoms.*—(*Afternoon*), Towards evening, headache; towards evening, flatulence; towards evening, urging of stool; pain in hand.—(*Evening*), Belly puffed up; pain in shoulder, etc.; *pain in knees*; a quarter of an hour after lying down, sensation through whole body.—(*Night*), *Dryness of throat; at night, itching, etc., in larynx, etc.; pain from flatulency.—(*After drinking coffee*), Diarrhœa.—(*After eating*), Immediately, pain in stomach.—(*After eating fruit*), Diarrhœa.—(*Motion*), Pain from inflamed spot to left hip, etc.—(*While writing*), Pain in fingers.

Amelioration.—(*Fresh air*), Anxious breathing.—(*After eating*), Headache in sinciput.

CITRUS LIMOMUM.

C. Limomum, Risso. *Natural order*, Rutaceæ. *Common name*, Lemon.

Preparation, Expressed juice.

Authorities. 1, Farre, poisoning of two children, by eating two and one and a half lemons respectively, Lancet, 1860; 2, Klusemann, effects of the juice, Schmidt's Jahrbucher, 74, 159.

Mind.—Insensibility,¹.

Face.—Lividity of face,¹.

Abdomen.—Hæmorrhage from the bowels, and death (after the use of 60 ounces of the juice, gradually administered, for dropsy following intermittent fever),².

Respiratory Organs.—Hæmoptysis, with fatal result (two cases, from use of Succus Citri),².—Breathing in the form of gasping,¹.

Heart and Pulse.—Heart beating very feebly,¹.—Absence of pulse at wrist,¹.

General Symptoms.—Great prostration, and collapse,¹.

Fever.—General surface of body cold,¹.

CITRUS VULGARIS.

Citrus vulgaris, Risso. (C. Aurantium var. amara, Linn. C. Bergaradia, Duhamel.) *Natural order*, Rutaceæ. *Common names*, Bitter or Seville orange, ("bitter orange-peel"); (French), Bigaradier; (German), Pome-
ranzenschale.

Preparation, Tincture of the fresh "peel."

Authority. Dr. Imbert Gourbeyre, effects on workers ("peelers"); Gaz. Med. de Paris, 1853.

Mind.—Wept constantly, and fancied she was disabled.

Head.—*Vertigo*. Dizziness.—Very visible trembling of the head, at times.—Complained of head and stomach (every evening on returning home).—Heaviness of the head.—Headache, with lancinations on the right side.—Headache, with nausea.—General headache, as if intoxicated.—Severe headache, especially in left temple.—[10.] Occasionally, very severe headache.—*Frequent headache*.—*Forehead*. Frontal headache, as if the head was split open; when severe, accompanied with nausea.—Severe frontal headache, with vertigo.—*Temples*. Headache in temples, especially on right side, with intoxicated feeling.—*Parietals*. The hemicrania from which she had previously suffered every month, was much aggravated; she had headache every day, always in the forehead, with desire to vomit; it was sometimes so bad, that she quit work, kept her room, and could not bear the least noise.

Eye.—Burning sensation, with lachrymation.—*Weakness of sight*.—*Weakness of sight*; could scarcely work at sewing.—*Weakness of sight*, especially in the left eye, which ran water freely.

Ear.—[20.] The lobes of both ears were enlarged and red for eight days.—Noise in the ears, as if she heard a wheel.—Noise as of a mill, in the left ear, which does not hear so well.— *ringing in the ears*.

Face.—*Objective*. Face expressive of pain and fatigue.—Great aggravation of previous periodical facial erysipelas; for eight years, the face was enormously swollen, so that the eyes were closed; her nose is still very

large, and both cheeks swollen, as in chronic erysipelas, which makes her very ugly.—Attacks like epileptiform facial spasms.—Slight facial spasms (twice); trembling of the lips; drawing in the face, only lasting a minute.—Epileptiform spasms of the left side of the face, such as children are liable to, lasting about two minutes, and coming on fifty times daily.—Sometimes, with the toothache, drawings in the face; “she can see her own nose twitch;” the spasms were visible to others.—*Subjective.* [30.] Neuralgia of right side of face, which lasted thirty days, with terrible pains in the ear.—Very severe facial neuralgia; regularly every evening, excruciating pains in the face, obliging her to rise from bed; in the jaws, ears, and temples. When the temples are affected, they cannot bear to be touched; for a long time the neuralgia was confined to the left side, but afterwards passed to the right, at different times has had three sound teeth extracted without relief.—*Cheek.* Pain in right cheek.—*Jaws.* Pains in the jaws.—Pain, every few moments, from the right temple into the jaw, lasting, with intermission, seven or eight days. The pain is felt in the malar bones, and she cannot touch them.

Mouth.—Teeth. Several teeth become decayed, and break easily.—Much toothache, the pain extends into the tongue, with lancination and roiling in the ears.—Frequent toothache, she had had almost all her teeth pulled.—*Gums.* Gums red and swollen.

Throat.—Something seemed to rise in her throat and choke her.

Stomach.—Appetite. [40.] Anorexia, with great thirst,—Is unable to eat.—*Eruetation.* Pyrosis.—*Nausea and Vomiting.* Nausea.—Nausea and even vomiting of blood, five or six times daily; last time, threw up half a tumblerful. The nausea forced her to go to bed.—*The smell of the oranges always makes her sick.*—Vomiting, or great nausea (first day after resuming work).—*Stomach.* Sense of weight and weakness in stomach.—*Epigastric oppression, seemed unable to draw breath.*—Gastralgia and dyspepsia.—[50.] Attack of great pain in stomach, with drawings; feeling of excoriation.

Abdomen.—Heat of the abdomen.—Colic, with frequent belching.

Respiratory Organs.—Sense of suffocation, with frequent irresistible yawning.—Attacks of suffocation and sweating, as soon as she entered the workroom; had to open the windows; with nausea and itching.—Is often obliged to go out into the fresh air.

Chest.—Could not work more than two hours at a time, on account of severe pleurodynia of the left side.

Heart.—Palpitation of the heart.

Extremities in General.—The limbs felt so lively that, once at work, she would keep at it as if unable to stop.—Great fatigue in all the limbs, especially the arms.—[60.] Drawings in the limbs, inclination to twist the arms about.—Drawings in the limbs, especially at night, or from the least contraction.

Superior Extremities.—Drawing in the arms, and especially the fingers.—Painful drawings in the left arm and breast.—Pain at night in left arm, which was cramped so that she had to rub it, felt as if the nerves were being pulled.—Obliged to hold the arms out of bed at night.—

Wrists. Cramplike pains in the wrists.—*Hand.* Often wrings her hands, with her arms behind her back.—Swelling of the left hand, with itching, which lasted fifteen days, and only went off when she stopped working.—*Hands and arms swollen,* red and exuding moisture; could not bend the fingers; with such itching of hands and fingers, that she could not sleep at

night, and her children had to get up and grease the affected parts, which relieved them; scabby places were formed, especially on the fingers and inner side of forearm. She twisted the arms and hands about to relieve the itching.—[70.] Left hand became swollen and red, without pimples or itching; no pain, but moving it was troublesome.—*Fingers.* *Fingers became red and swollen, with eruption of vesicles* like those following a burn; they discharged a clear water; she had moreover an excessive itching, especially between the third and little fingers of the left hand, which chiefly came in contact with the orange-juice; the right hand, which held the knife, was hardly at all affected.

Inferior Extremities.—Cramps in the legs.

General Symptoms.—Such a degree of nervous agitation that she could not work well; starts, shocks, and drawings in the limbs.—Very frequent *drawings* and *pandiculations*.—Cramps.—Nursing-women are unable to peel the fruit; their children are attacked by convulsions and dysentery, so that the mothers have to give up work until they are weaned.—Was confined (after leaving off work for six weeks). Labor difficult; *child died* in four days *from convulsions*, the face was distorted. Had previously lost five children, but none of them had convulsions.—All her nerves painfully affected.—Fainting fits.—[80.] Restlessness and nightly sleeplessness.—At times, got into a fidgety state while working, and then had to go out.—The attack commenced in the morning, with a feeling of unusual briskness. She began to wash clothes, and the more she washed the more she wanted to wash, could not stop working. Then she trembled all over, and fell down. The whole body was convulsed, especially the left side of the face and the shoulders, which latter were strongly agitated. She clawed at her feet, and overturned everything. The paroxysm lasted a quarter of an hour, and left her weak and indisposed for the rest of the day. It returned next day on putting the hands into water.—The least briskness of movement made her worse.

Skin.—Objective. Occasional papular eruption all over the body; red pimples the size of small pin's heads, not suppurating, but bleeding when scratched.—Frequent eruption of red blotches, as large as a quarter dollar.—Red blotches on the backs of the hands, with much itching.—

Subjective. *General itching.*—Suffered most from *general itching, which prevented sleep*.—Great itching, scratched the arms a great deal; eruption of red pimples on both forearms.—[90.] *Itching of the swollen arms and hands, as if she had chilblains*; some vesicles.—Some itching of hands and forearms; here and there, eruption of very small vesicles.—The itching awoke her, and after scratching she had drawings; stretched out her limbs, and twisted her arms about, as if she would break the bed down.

Sleep.—Frequent *irresistible yawning*.—Frequent *irresistible yawning*, always before she was taken sick, *as if something suffocated her*.—*Sleeplessness*; *great nocturnal restlessness*.—**Loss of sleep, with restlessness.**—*Slept little*; *tossed about, and woke with a start*.—Unable to sleep while continuing the work, and even some days after quitting, restless all night, tossed about in bed, had bad dreams, and awoke with a start.

Fever.—Shivering on lying down; and, on becoming warm, was very restless, and uncovered herself.—[100.] Her chief trouble was from a burning heat at night, so that she could not bear a fire in winter, and had to get up and bathe arms and legs in cold water.—Almost constant fever and sweating.

Conditions.—Aggravation.—(*Morning*), Spasmodic attack.—(*Even-*

ing), Facial neuralgia.—(*Night*), Drawings in limbs; pain in arm; heat.—(*Brisk movement*), The symptoms.

Amelioration.—(*Open air*), Suffocative attacks; fidgety feeling.

CLEMATIS.

Clematis recta, Linn. *Nat. order*, Ranunculaceæ; *Old name*, Flammula Jovis; *Common name* (Germ.), Waldrebe.

Preparation, Tincture of leaves and stems.

Authorities. 1, Hahnemann, *Chn. Kr.*, 3; 2, Franz, *ibid.*; 3, Foissac, *ibid.*; 4, Guttman, *ibid.*; 5, Fr. H-n, *ibid.*; 6, Langhammer, *ibid.*; 7, Stapf, *ibid.*; 8, Kr., *ibid.*; 9, Htm., *ibid.*; 10, Störck, *Lib. de Flamm. Jovis*, symptoms appearing in patient's taking the drug (from Hahnemann); (11 to 32 *Austrian provings*, *Z. f. V. Oest.*, 1857, p. 277), 11, Franz Alb took the $\frac{2}{100}$ ths, first and second days; 12, the same prover took tincture, first, second, and third days; 13, Amelia Alb, aged 18, took 1st dil. on first, second, and fourth days; 14, same prover took 10 drops of tincture; 15, John Czrai, aged 40, took tincture, 5 to 40 drops; 16, Dr. Eidherr took tincture, 5 to 40 drops; 17, same prover took 1st dil., 5 to 36 drops daily for several days; 18, Joseph Huber took tincture daily, 1 to 11 drops, no symptoms till after eighteen days; 19, W. Huber, aged 26, took daily for a month 100 drop doses of the dilutions, beginning with the 30th and descending to the 1st; 20, same prover took tincture, repeated doses of 10 to 300 drops; 21, Janesek's wife, aged 28, took tincture, 5 to 30 drops; 22, Kaczkomsky took tincture, 1 to 20 drops (three provings); 23, Klinkowsky took tincture, 5 to 25 drops; 24, W. Low took 2 to 3 drops tincture daily; 25, Dr. Marenzeller took 4 drops of tincture every other day for two weeks, then 8 drops a day for five days; 26, N. N. took 4 to 20 drops tincture daily; 27, Dr. Raidl took tincture, 5 to 40 drops daily; 28, Dr. Reis took tincture, 5 to 30 drops daily; 29, Dr. Schück, aged 41, took tincture, 10 to 30 drops a day; 30, Dr. Caspar Walter took tincture, 5 to 90 drops a day; 30 b, a woman took tincture until she took half a drachm at once; 31, Dr. Würstl took tincture, 5 to 60 drops, followed by proving with large doses of 1st dil. daily for two weeks; 32, Dr. Gruenberg took 5 drops tincture, first and third days; 33, Hencke, proving with 20 and 60 drops of tincture, *A. H. Z.*, 67, 201; 34, *ibid.*, a female prover took tincture several times; 35, Lembke, proving with tincture, 5 to 150 drops, *Z. f. H. K.*, 2, 14; 36, Plenk, toxicological effects of chewing leaves and applying them to the skin (Wibmer).

Mind.—**Emotional.** Great excitability; aversion for every mental work (fifth day),¹⁵.—General mental excitement for several days,²⁶.—More excited than usual, his mood was very lively; he felt stronger and was more disposed to read and think than usual; this condition lasted nearly half an hour, followed by mental exhaustion, disinclination to read or think, and condition generally like intoxication (first day),¹⁶.—Mental exhilaration and desire for mental work, with profuse transpiration of the skin, followed after an hour by exhaustion, with a certain anxiety and depression of mind, irritable mood, fretfulness about things which he usually ignored, and disappearance of every desire for mental work, lasting three hours (second day); it was noticed also on the sixth day (after 20 drops),¹⁶.—Extreme liveliness towards 10 A.M., lasting till 4 P.M., then suddenly disinclination for work, morose mood, with lassitude in the upper and lower ex-

tremities (second day),¹².—An hour after taking the drug, generally lively mood, motion was easy, agreeable transpiration of the skin, increased thirst, great redness of the face, pulse increased twelve beats, followed after another hour by confusion of the head, heaviness of the limbs, and an almost intoxicated condition,¹⁷.—Transient lively mood, followed by exhaustion of the mental powers (third day),¹⁵.—Disinclined to speak, this disappeared in the evening,⁶.—Depression of spirits (eleventh day),¹⁶.—[10.] Depressed mood, somewhat better after an hour's nap,²⁸.—Very sad mood, with thoughts of suicide,^{30b}.—Disposition extremely sad, with no desire to speak (fifth day),²⁷.—Buried in sad thought and in dread of impending misfortune,⁶.—He seemed oppressed by some grief or sorrow, or the shadow of some impending misfortune (first day),²⁴.—Loss of "moral strength," so that he shed tears for more than half an hour, followed by a three hours' sleep (sixth day),²³.—Anxiety (eleventh day),¹⁶.—Anxious uneasiness, as though some evil would befall him,²².—Night anxious, disturbed by frightful dreams and tossing about, so that unconsciously his head exchanged places with his feet; frequent waking and dry heat of the whole body (third night),³².—Irritable, angry, fretful, avoiding every one, shunning his usually agreeable occupations, dreading to be alone, tired of living, full of thoughts of death, with fear that it would be speedy, longing, however, for the repose of death; this mood was soon followed by apprehension, weeping, and homesickness, at last outbreak of tears, with most violent trembling of the whole body, and weeping for half an hour, until he was completely exhausted and compelled to rest (seventh day),³².—[20.] Ill-humor, several days after the proving,¹⁶.—Very much out of humor; no inclination to speak; easily lost in thought without knowing of what he was thinking,³⁰.—Fretfulness,²².—Fretful, ill-humored, does not desire to go out all,⁴.—Morose mood (third morning),¹².—Morose mood, and inability to think (third day),¹¹.—Disposition morose, without external cause (second day),¹¹.—Morose without cause, and discontented,⁴.—Morose, peevish, on waking from the afternoon sleep (second day),¹³.—Indifferent, quiet, almost without thought,⁸.—*Intellectual*. [30.] Power of thinking and desire for mental work increased, and accompanied by general well feeling; this condition, however, lasted only half an hour, after which there was disinclination for mental work, with mental exhaustion, and heaviness of the whole body; the feet very soon became tired on walking (first and other days),¹⁷.—Increased mental activity during the first five days, followed on the sixth day by ill-humor and sleepiness,²⁶.—Decidedly increased intellectual activity, lasting only about half an hour, followed by morose mood, with disinclination for mental work (first day),²³.—Continued desire for mental work, for several days after the proving,¹⁶.—Busy and lively mood from 10 A.M. to 2 P.M. (fourth day), (soon after 20 drops); followed by sleepiness and disinclination to work,¹³.—Very much confused and prostrated (second morning),²⁹.—Distraction,²¹.—Weakness of memory increased, so that noting the symptoms was almost impossible (eighth day),³².

Head.—Confusion. Confusion of the head,³¹; (after one hour),¹⁷.—Confusion of the head, as after a debauch (fourth day),²⁹.—[40.] Confusion of the head, as if intoxicated (seventh day),²⁰.—Confusion of the head, as from coryza, continuing until 1½ P.M., not relieved in the open air (second day),¹¹.—Confusion of the head in the morning,²².—Confusion and heaviness in the head, in the morning immediately on rising,¹.—Confusion of the head, relieved in the open air (first day),¹⁷.—Confusion and emptiness of the head the whole day (seventh day),¹⁶.—Confusion and emptiness of the

head in the frontal region, with tendency to vertigo,¹.—Confusion of the head and vertigo,³¹.—Confusion of the head, with dull sensation in it (after two hours),³².—Slight confusion of the head,²³.—[50.] Slight confusion of the head, on waking (fourth morning),¹⁶.—Great confusion of the head, with pressure and tension in the forehead,³⁰.—Transient confusion of the head, on rising (third morning),¹¹.—Head confused, at times painful, especially in temples (first day),³³.—Head much confused (sixth day),³⁰.—Head very much confused; head heavy, hot to the touch,²¹.—**Vertigo.** Vertigo at times,²².—Excessive vertigo, on holding the head erect or turning it (fourth day),³².—Excessive vertigo, on walking in the open air the gait became tottering and obliged the prover to hurry home (twelfth day),³².—Lasting dizziness of the head, with continued sleepiness, not relieved in the open air, and lasting till 2 P.M. (third day),¹¹.—[60.] Head dizzy and thick, as after a night of debauch (seventh day),³⁰.—Reeling from side to side, with heaviness of the hot head, so that he could scarcely keep erect; the prover went into a coffee-house, but in the close air was attacked by vertigo, so that he was obliged to sit down immediately and support his head and the whole body, which trembled violently; after a few minutes he was obliged to seek the open air, where he was somewhat relieved; the gait, however, continued to be unsteady, and it seemed to him to be unusually rapid, as in slight intoxication (after four hours),³².—**General Head.** Is constantly obliged to carry the head forward and somewhat hanging down (fifth day),³².—Is constantly obliged to carry the head backward, since the slightest bending of it forward causes excessive vertigo (eleventh day),³².—Symptoms of congestion of the head,³¹.—Heaviness in the head,³⁵.—Heaviness in the head and chest, with deep expiration, on rising in the morning,²².—Heaviness of the very warm head (after four hours),³².—Sensation of heaviness in the whole head, in the morning subsequent to the headache and toothache (third morning),¹².—Head heavy, confused (fourth day),³².—[70.] Head heavy and dizzy after twenty minutes rest,²².—Head heavy, unsteady, stupid, hanging forward (third day),³².—Head felt heavy, sinking down (third day),³².—Headache diffused throughout the head,³¹.—Headache continued the whole day, and on closing the eyes in bed at night became worse, with raging, digging, and vertigo, so that he made haste to get out of bed, and sought relief at the open window; after two hours (towards 3 A.M.) he became better, went to bed, and on the outbreak of general sweat fell asleep (third night),³².—Headache, increasing from morning till noon and till 2 P.M., especially in the occiput, causing nausea and excessive vertigo; it suddenly disappeared on the outbreak of profuse sweat (with cold face and body), (twelfth day),³².—Headache, aggravated by the accustomed cigar (fourth day),³².—Violent headache (sixth day),²⁶.—Violent pain in the head, as though it would burst, in the evening (third and eighth days),³⁰.—Sensation as though the cavity of the skull were too small for the brain,²⁷.—[80.] Screwed-together sensation in the head, as from an iron cap,²².—Head seems as if screwed together and oppressed,²².—Boring pains in the cranial bones,³⁵.—Dull headache, after walking in the open air (first day),²⁹.—Waking in the morning with dull headache and great inclination to fall asleep again,¹⁷.—Drawing headache, with some pressure at the sides of the vertex,².—Pressure in various places in the cranial bones,³⁵.—Dull pressure in the cranial bones,³⁵.—Sensation of pressure, as from a band, about the whole head, followed by increased confusion of the head, with vertigo (after two hours and a half),³².—Tensive pressive headache, especially in the forehead and temples, after eating (second day),²⁹.—[90.]

Tearing in the bones of the head,³⁵.—Tearing in the bones of the head, especially in the frontal and parietal bones,³⁵.—Reading and writing were impossible, on account of raging and beating in the whole head, especially in the forehead (third day),³².—Hammering in the head, in the evening while lying down,⁵.—Shocks in the brain, extending forward,⁴.—**Forehead.** Heaviness in the forehead,²¹.—Sensation as though lead were in the forehead,²¹.—Pain in the forehead,²¹.—Pain in the forehead, hot to touch,²¹.—Persistent pain in the forehead, only disappearing toward evening (second and other days),¹⁷.—[100.] Dull pain in the frontal eminences (second day),¹².—The frontal headache was very slight in the morning, but increased in severity until about 10 A.M., when it was almost intolerable (third day),²⁹.—One-sided frontal headache (first day),¹⁴.—Violent headache in the forehead, relieved by pressure, aggravated by cold; on the left side, extending into the orbit; head not warmer than usual,²⁸.—Sensation of fullness and heaviness in the forehead,²¹.—Drawing in the frontal bones,³⁵.—Drawing pain in the left side of the forehead (after two hours),⁵.—Pressure in the forehead and vertex,³⁵.—Pressure in both frontal eminences (third morning),¹².—Headache, at first diffused, becomes after a few days confined to the frontal region, and pressive in character,³¹.—[110.] Tensive-pressive headache in the forepart of the brain, worse while walking than while sitting, with heaviness of the head (after seven hours and a half),⁴.—**Temples.** Heaviness in the right temple, with pressure in it,³⁵.—Tension and pressure in the temporal region (third day),²⁹.—Boring pain in the left temple,⁵.—Burrowing and pressure in the right temple, frontal, and zygomatic regions (second day),¹³.—Violent pressive pains in temples (first day),³³.—Pulsation in the left temple, preventing reading (second evening),³².—**Parietals.** Pressive-tensive headache over the whole right side, rather in the bones than in the brain,⁴.—Drawing in the side of the head, so painful, on turning the head, that he thought he had been attacked by rheumatism,¹⁷.—Burrowing pressive headache in sides of head, extending to occiput,³⁴.—[120.] Burrowing pressive headache in the right half of the brain, while walking,⁴.—Frequent, sudden, but transient tearing pains, now in left, now in right side of head, during the day (third day),³³.—Constant headache commencing daily after midnight, waking from sleep several times during the night, beginning as a pressive pain in the occiput, extending down into the nape of the neck and forward, as after a moderate use of spirituous drinks, sometimes also a feeling as though he had been lying in an uncomfortable position,²⁵.—**External Head.** *Small itching crusts and some stitches in the scalp (after two weeks),²².—A painful pimple as large as a peppercorn on the occiput under the skin,³⁵.—Pressure on the scalp and on the optic nerves,²².—Slight sensitiveness of the scalp in circumscribed spots as large as a half dollar; this extended over the whole forepart of the head, and increased in intensity on the fourth and fifth days, continuing the sixth day, with violent itching of the scalp and desquamation of the epidermis in the form of fine scurf, lasting two or three days,²⁷.—*Itching of the scalp (third day),¹².—Itching on the forepart of the scalp (first day),²⁹.

Eye.—He looked staringly before him,⁴.—[130.] Eyes red,³¹.—Eyes red and glittering, with sensation of burning heat and dryness (sixth day),³⁰.—Sensation in the eyes, as though a veil were drawn before them,²¹.—Burning and a sensation of dryness in the eyes,³⁰.—Burning in the eyes, as if fire were streaming out of them, with sensation of dryness (third day),³⁰.—Severe burning and itching in the eyes,²¹.—Rather severe burning in both eyes, without redness, but with increased lachrymation,²¹.—Violent burning

sensation in the eyes (fourth day),³⁰.—Biting burning pains in the eyes; conjunctiva red,³⁴.—Eyes burning hot and dry, compelling him to close the lids (seventh day),³⁰.—[140.] Severe pressure in the optic nerves,²².—Biting in the eyes, worse on closing them; if they are again opened after being closed they are extremely sensitive to the light,².—Biting in the eyes like a soreness, with redness of the vessels, and lachrymation; the biting was worse on closing the eye, and the eye was so sensitive to air that he did not dare to open it again; it also became black before the eyes,⁷.—Biting pain in the eyes, especially in the margin of the lids,^{1, †}.—**Orbit.** Dull pressure in the orbits on moving the eyes,³⁵.—**Lids.** Burning in the lids,²².—Burning pain in the right upper lid,⁴.—Yellowish crust in the inner canthi (sixth day),²⁷.—Inflammation in the inner canthus, the vision is weak,⁴.—Burning pain in the inner canthus of the left eye,⁴.—[150.] Sticking pain in the inner canthus of the left eye, as from a sharp pointed body, lasting several minutes (after thirteen hours),⁴.—Stitches in the inner canthus,^{1, †}.—Slight itching in the right inner canthus; the next day the itching and burning were not more violent, but extended to the left inner canthus (third and fourth day),²⁷.—**Ball.** Yellow color of the white of the eyes (fourth day),³².—Inflammation of the white of the eye, with lachrymation,^{2, §}.—Pain in the eye, a pressure in the middle of the left eyeball,³.—**Pupil.** Pupils contracted,²¹.—**Vision.** Vision indistinct (third day),³².—Vision as if everything were seen through a gauze (sixth day),²⁷.—Objects seem indistinct before the right eye, as if somewhat enveloped by a colorless fog; lasting half an hour,²⁶.—[160.] When reading, the letters ran together, and it frequently became black before the eyes (sixth day),²⁷.—On writing, the letters seem to run together, for a moment; at times, even double vision and flickering before the eyes,³¹.—Flickering before the eyes,²².

Ear.—*Burning pain in both external ears, with heat, which was even perceptible to the touch,³⁰.—Slight drawing, with transient stitches in the region of the right ear, cheek, and side of the neck, towards evening (third day),¹⁷.—**Hearing.** Difficulty of hearing (thirteenth day),³².—Diminished hearing at 7½ A.M., relieved in six minutes (second day),¹¹.—In the morning, diminished hearing for nearly a quarter of an hour, together with ringing in the left ear, which lasted nearly a minute (third morning),¹¹.—Sounds as of a bell before the ears,⁴.—Roaring in the ears,^{28 31}.

Nose.—[170.] Tip of nose red and swollen, at the root of the nose a small red painful pimple,³⁴.—Sneezing in the morning (after twenty-eight hours),⁶.—Repeated sneezing as though coryza would set in, together with transient increase of the nasal discharge,²⁵.—Frequent sneezing,²²; (sixth day),^{30 31}.—Violent sneezing eight times in succession, followed after six minutes by discharge of clear water from the left nostril, soon after breakfast (third morning),¹¹.—Frequent violent sneezing, with watery discharge from the nose (third morning),¹².—Severe fluent coryza, with frequent sneezing,³⁰.—Violent fluent coryza, with which there was an involuntary watery discharge from the nose,².—Nasal mucus somewhat streaked with blood (seventh day),³⁰.—Stoppage of the nose,³¹.—[180.] Dryness of the nose (third morning),¹¹.

Face.—Sickly yellow look (eighth day),³².—Sudden flush of the face,

† From the exhalations of the freshly-pressed plant.

‡ From the exhalations of the juice of the freshly-pressed herb.

§ This symptom and the following ones observed by Dr. Franz, were caused by the exhalations of the juice of the plant while preparing it.

with dark redness of the cheeks, having a yellowish tinge, which is also noticed in the whites of the eyes (third day),³².—Yellow color of the face (fourth day),³².—**Cheeks.** Right cheek swollen and sensitive to touch, in the morning,³⁴.—Drawing stitches in the left side of the upper jaw, extending upward, rhythmical with the pulse (after eight hours),⁸.—**Lips.** Burning, cutting stitches through the left side of the lower lip, as if it were being cut (after five hours),⁴.

Mouth.—Teeth. A hollow tooth seems longer than usual, and is painful to the slightest touch, with running of much water from the mouth,²⁸.—Sensation as though the two teeth which had ached the previous night were too long; the gum was less swollen and pale; the pain extended on both sides to the incisors, and made chewing impossible (fourth day),¹².—The toothache returned after reading half an hour in bed, not only in a carious hollow tooth of the right side, but also in one on the left side, not relieved by cold water; he fell asleep only towards 1 o'clock; at 10 P.M. (third day),¹².—[190.] Toothache in a last lower back tooth, which pained in connection with the upper teeth, even if they were without pain, *very much aggravated by getting bread into it*,⁸.—**Toothache, tolerable during the day, but as soon as he lies down in bed and assumes a horizontal position it increases to an unbearable degree*, and is not relieved by any position, it only gets better by lying perfectly quiet and enduring the pain for several hours,⁸.—Toothache, which drives him to despair, with tossing about in bed; weakness in the limbs and anxious sweat, so that he cannot endure the covering, lasting the whole night,⁸.—The toothache extends over the whole temporal region, as far as the vertex,⁸.—Toothache unfits him for every work, especially for thinking,⁸.—Dull toothache in hollow tooth,³⁰.—**Dull toothache in a hollow tooth, only transiently relieved by cold water, also relieved by drawing in the air*, which causes a stitch as if something pressed upward into the teeth,⁸.—Sensation in the last upper molar (which was carious), as if it would ache (ninth day),³⁰.—Drawing pains in the teeth, in the nasal bones, in the small of the back, in the toes, in the tibiae; in each place they are only momentary and of variable intensity,³⁵.—Jerking-drawing toothache, during the day, aggravated by smoking tobacco, relieved for only a minute by firm pressure with a cloth,⁸.—[200.] Jerking sticking-drawing toothache in the left upper jaw, now in one, now in another tooth, often it is uncertain in which tooth of the whole row the pain is seated,⁸.—Burrowing pressive pains in the sound back teeth of the right side, in the evening,³⁴.—Jerking-sticking pain in the left upper teeth (sixth day),²⁰.—Violent sticking and throbbing in two carious teeth (third day),²⁹.—A stitch in a tooth, and extending from it upward into the whole left side of the face; a drawing and jerking pain rhythmical with the pulse, with jerklike twinges into the ear, and painfulness in the right eye on moving it,⁸.—Jerking stitches in a tooth which extend to the ear, across the cheek-bone, as a drawing-jerking in the ear, which pains like the ear-ache, and extending to the eye, which becomes very much affected and painful, so that he can endure neither motion nor light, and the eyeball becomes painful to touch,⁸.—Sudden drawing jerking-tearing and sticking in a left lower sound incisor, which soon extends through the whole jaw, backward and upward, relieved by cold water in the mouth, at 7 P.M. (fourth day),¹³.—Jerking pain in a right upper molar, which had been hollow for three years, recurring after six minutes, and disappearing after rinsing the mouth with cold water (third morning),¹¹.—Tearing-jerking toothache in the whole row of the upper jaw (first day),¹⁴.—**Gums.** The

gum of a left lower back tooth is painful as if sore, worse while eating,⁴.—[210.] Sore pain in the gum, increased by chewing hard food,³⁰.—Gum and teeth somewhat sensitive on chewing (sixth day),³⁰.—Tearing-jerking pain in the place where a left upper wisdom tooth had been drawn seven years previously; this pain extended to the zygoma and the temporal region, not relieved by cold water taken into the mouth; waking him from sleep at 11 P.M., and lasting till nearly 2 o'clock, when he was able to sleep for two hours, after which it continued but less violent and of shorter duration (second night),¹².—**Tongue.** Coated tongue (sixth day),²⁶.—Tongue coated (after 300 drops),²⁰.—Tongue thickly coated on waking,²².—Tongue coated white (third and seventh day),³⁰.—Tongue dry (after three-quarters of an hour),¹⁵.—Tongue dry in the morning on waking,⁸.—Tongue on waking was mostly dry and rough,³⁰.—[220.] Sensation of dryness on the tongue, with roughness and acidity, as after rinsing the mouth with an astringent (fourth day),³⁰.—A dull boring stitch at the root of the tongue,⁴.—**General Mouth.** Aphthæ in the mouth,³¹.—Cracks across the right arch of the palate and on the right margin of the tongue, extremely painful (thirteenth day); the next day, the cracks in the tongue were surrounded by hard margins, and were extremely painful,³².—Mouth and tongue very dry (third day),²⁹.—Sensation of coldness in the mouth, aggravated by inspiring cold air through it, soon after taking the drug (first day),³⁰.—Tension in the soft palate, and discharge of compact mucus (apparently the remains of a cold that had just passed off),²².—Slight sticking pain in the right arch of the palate, which decidedly impeded the motion of the tongue (thirteenth day),³².—**Saliva.** Much saliva in the mouth,²⁸.—The expectorated saliva is mixed with blood,⁴.—**Taste.** [230.] Taste pasty and flat (seventh day),³⁰.—An unpleasant pasty taste in the mouth (fourth day),²⁹.—A sour taste on the tip of the tongue (first day),²⁰.—Sensation as though the tip of the tongue were constantly acid, if it touched the front teeth; with somewhat increased watery saliva; this lasted four days, and was most noticed with an empty stomach, and immediately after taking the drug (20th dil.),¹⁹.—Bitter taste in the mouth,²⁸.—**Speech.** Speech very weak (third day),³².

Throat.—Dryness of the throat,²¹.—Burning, redness, vesicles and ulcers in the throat (from chewing the fresh leaves),³⁶.—Constant stitching in the throat, especially on swallowing,³⁵.—Rawsness in the throat,²².—[240.] Rawness in the throat, with hoarse voice, constant spitting of watery saliva (second day),²⁰.—**Uvula.** Sensation as though the uvula were too long (third day),²⁹.—Some sensitiveness of the uvula continues (fourth day),²⁹.—**External Throat.** Swelling of the submaxillary glands,³¹.—Swelling of the submaxillary glands in the right triangle in the right side of the neck became more and more painful, motion of the head in any direction was more difficult; the gland on the left side seemed slightly enlarged and painful to touch; secretion of saliva was very profuse (sixth day),¹⁷.—Slight swelling of the submaxillary glands, which increased for eight days, and then gradually decreased (after eight days),¹⁵.—The submaxillary glands are swollen, with some lumps, and feel tense as if they would suppurate; they are painful to touch, and cause pains in the teeth,⁸.—Slight swelling in the right upper triangle of the neck, just under the lower jaw, with increased secretion of saliva (fifth day),¹⁷.—Great swelling of the thyroid gland (fourth day),³².

Stomach.—**Appetite.** Appetite increased,²¹; (first day),¹⁸; (second day),¹¹.—[250.] Appetite increased; the prover ate double his usual amount,

with haste (third day),³².—Appetite rather increased,²⁵.—Constantly increasing appetite for some days after the proving,¹⁶.—Appetite exceptionally good (first day),³².—The more violent the attack was at the time of eating the greater the appetite seemed to be (eighth day),³².—Great hunger, towards evening (third day),¹¹.—Appetite unnaturally great (twelfth day),³².—Ravenous appetite towards 2 P.M., followed by discomfort after eating (second day),²⁹.—More appetite for dinner than usual (second day),¹⁶.—Diminished appetite (second day),¹³.—[260.] Little appetite (sixth day),²⁷.—Very little appetite (fourth day),²⁴.—Complete loss of appetite,²⁸; (third day),²⁹.—No desire for food and speedy satiety,³⁰.—No appetite at noon,²²; (first day),¹⁴.—No appetite at noon, on account of weakness,²².—No desire for breakfast,²²; (second day),²⁹.—Very little appetite for supper (first night),²⁹.—Does not relish tobacco (sixth day),²⁰.—Does not relish the accustomed cigar (seventh day),³⁰.—[270.] Long-enduring satiety; though he can eat much dinner and relishes the food, yet he immediately feels that he has eaten too much, and will never need food any more,⁹.—**Thirst.** Thirst,²¹.—Thirst, with longing for ice, which does not refresh him (third day),²⁹.—Thirst increased,¹⁶; (after three-quarters of an hour),¹⁵.—Thirst increased in the afternoon (second day),³⁰.—Increased thirst, in the evening,²².—**Eruptions.** Eruptions and nausea,³².—Frequent eruptions for several minutes (first day),²⁶.—Three eruptions, immediately,².—Empty, tasteless eruptions,²⁵.—[280.] Eruptions of air (after 300 drops),²⁰.—**Nausea and Vomiting.** Nausea,³⁵.—Nausea, without vomiting,³¹.—Nausea and general sick feeling,^{30b}.—Nausea, with inclination to vomit, towards 11 A.M.,¹⁴.—Nausea while smoking, though the prover was a great smoker,³⁰.—Nausea after eating, while smoking,⁶.—Nausea after smoking that causes a sensation of weakness in the lower limbs, so that they seem distorted, and he is obliged to lie down,².—Smoking cigars, to which he was accustomed, caused nausea and vomiting (eighth and ninth days),¹⁶.—Sensation of nausea soon (one hour after 40 drops), (tenth day),³⁰.—[290.] Inclination to vomit,²⁸.—**Stomach.** Distension of the stomach and abdomen (tenth day),²⁶.—Faintness in the stomach, with yawning,²².—Sensation of heaviness in the pit of the stomach (first day),¹³.—Tensive sensation in the epigastric region (first day),²⁶.—Constriction in the stomach, and after a short time also in the abdomen, which was tense and hard to the touch, followed by vomiting, with great exertion, of a bitter fluid, more watery than slimy, in which there were some streaks of pale red blood,²¹.—Pressure in the stomach (seventh day),³⁰.—Pressure on stomach, after dinner (first day),³³.—Pressure in the epigastric region, with tension over the whole abdomen (third day),²⁶.—Slight pressure in the stomach (fourth day),³⁰.—[300.] Pressive pain in stomach, after dinner (first day),³³.—Slight pressive pain in epigastric region, after dinner (third day),³³.—Oppression in the stomach (third day),³².

Abdomen.—Hypochondria. Pains alternately in the region of the liver and spleen, but only on certain motions, and soon disappearing, without sensitiveness of these regions (third day),²⁹.—Painful sensation in the region of the liver, aggravated by pressure,³⁰.—Tension and sticking in both hypochondria, impeding respiration (seventh day),³⁰.—Transient sticking in the left hypochondrium (fifth day),³².—The sticking pain in the left hypochondrium became definitely localized in the spleen, with a dull tensile sensation in the fundus of the stomach, aggravated by pressure (fifth day),³².—Sticking pain in the hepatic region from time to time, especially on certain motions and positions of the body (second day),²⁹.—Stitches at

times in the hepatic and splenic regions (third day),³⁰.—[310.] Numerous transient stitches in both hypochondria (sixth day),³⁰.—Frequent transient stitches in the liver and spleen,³⁰.—The region of the liver is painful to touch and to stooping, as if bruised, lasting two weeks,⁸.—**General Abdomen.** Distension of the abdomen, with rumbling (first day),¹³.—Very great collection of air in the abdomen, during the first hours,³⁵.—Rumbling in the abdomen, as if it were empty (after one hour),⁶.—Rumbling in the abdomen, which extends into a hernia (third day),¹².—Rumbling in the abdomen, for two hours in the afternoon (second day),²⁰.—Passage of much flatus,²².—Fulness of abdomen, afternoons (first day),³².—[320.] Fulness and tension in abdomen (first day),³³.—Sensation of fulness and tension in the whole abdomen (in general free from flatulence), as after a full meal, between 4 and 5 P.M., increased until 9 P.M., when he went to bed,¹¹.—Sensation of distension and tension in the abdomen, a painful tense sensation in the whole parietes of the abdomen, worse from touch (second day),³².—Sensitive tension and pulling in each abdominal muscle on attempting to move about the room; it is very painful when coughing (second day),³².—Cutting contractive pain in the abdomen,²¹.—Gripping in the abdomen, with rolling and rumbling for half an hour (seventh day),²⁰.—Some gripping in the abdomen (sixth day),²⁰.—Drawing pain in the abdomen, especially in the umbilical region, aggravated by pressure,³⁵.—A contractive cutting pain in the right abdominal and kidney regions,².—Frequent cutting colic,³⁵.—[330.] While urinating, sticking from the abdomen up to the chest, aggravated by inspiration (after fifteen hours),⁴.—**Hypogastrium and Iliac Region.** Painfulness of the lower abdominal region, extending into the penis (third day),²⁹.—Violent colic in the hypogastrium, followed by some diarrhoea (eighth day),³⁰.—*Sensation in the abdominal ring and in the inguinal glands, as if a swelling would form,³⁰.—Pressing-out pain in the right abdominal ring, as if a hernia would protrude, or as though something had protruded,¹.—*Some swelling of the right inguinal region, painful to touch (second day),²⁹.—Pain in the inner and outer inguinal region, only on the left side (sixth day),³⁰.—Tension in the left inguinal region, which extended down into the thighs, and was worse while walking (second day),³⁰.—*While taking a long walk, an uncomfortable tension in the inguinal region, with swelling of both inguinal glands, subsequently the left inguinal gland became more swollen than the right; the swelling disappeared after a week,²⁷.—*Increased sensitiveness of both inguinal regions, although the swelling of the right inguinal gland (noticed on the first day) had almost entirely disappeared (third day),²⁹.—[340.] Dragging towards the right inguinal canal, with frequent protrusion of the hernia (which he had always had), (third day),¹¹.—Transient burning stitches in the left inguinal ring now and then; the prover involuntarily grasped the spot, and was astonished to find that the glands were harder and larger than those of the right side (fifth day),²³.—[Swelling in the inguinal glands (bubo)],¹⁰.†—*Swelling of both inguinal glands, with sensitiveness while walking; the right inguinal glands become more swollen, with prickling pain in them, aggravated by walking, and worse in bed; afterwards with a tense sensation in them, especially while walking (swelling of the glands commenced on the sixth day and continued more than two weeks),²⁶.—*Swelling of the right inguinal glands, worse than the left, not painful, when rising after waking (sixth day),¹⁷.—*Great pain in the right inguinal glands (fifth day),²⁶.—Tension

† In a syphilitic subject.—HUGHES.

and pain in the inguinal glands and inguinal rings (seventh day),³⁰.—Tension in the left inguinal glands (sixth day),³⁰.—Jerking pain in the inguinal glands,¹.—Unpleasant prickling sensation in the right inguinal glands, lasting ten minutes (fourth day),²⁶.

Rectum and Anus.—**Rectum.** [350.] Sudden sensation of warmth in the rectum, followed after a few minutes by urging to stool (after four hours),³².—Itching in the rectum and genitals,²².—Burning in the anus and swelling of the hæmorrhoids, during two stools,²².—Burning and itching in the anus, after an easy stool,²².—Itching in the anus (third morning),¹².—The hæmorrhoids were swollen and covered with slimy mucus (third morning),¹².—Violent itching in the hæmorrhoids, and slight discharge of mucus from them (third evening),¹².—**Urging.** Frequent urging to stool, without effect (fifth day),¹⁷.—Violent urging to stool, without result (after nine hours),³².—Violent urging to stool, immediately after eating, stool profuse and thin, with painful burning in the anus, repeated after half an hour (third day),³².—[360.] Urgent desire for stool, which was pasty and accompanied by much flatulence (third morning),¹².

Stool.—**Diarrhœa.** Diarrhœa-like stools (third day),²⁹.—Two somewhat diarrhœic stools during the second forenoon,²⁹.—Frequent stool, which always became thinner and thinner, without colic (after thirty-three days),⁴.—Stools increased and pasty,³⁰.—Two pasty evacuations (second day),²³.—Pasty stool, with burning in the rectum, which latter occurred several times during the day,²².—Very copious, thin, pasty stool (first day),³³.—Three liquid stools in the course of the forenoon,²¹.—Stool easy, with sensation of heat, followed by burning in the rectum,²².—[370.] Some blood with the stool,²².—**Constipation.** * *Continued constipation*, for several days after the proving,¹⁶.—The stool continued constipated until the seventeenth day, after which he had two or three stools a day (very seldom one), without urging,¹⁶.—Stool became at first less frequent and harder,³¹.—Hard stool, after much urging (fourth evening),¹⁶.—No stool, contrary to custom (third day),¹⁶.

Urinary Organs.—**Kidneys and Bladder.** The pain, which had hitherto involved the spleen, stomach, and heart, continued in an aggravated form, and involved the left kidney (eighth day),³².—Stitches in the bladder,³⁵.—Severe transient stitches in the bladder,³⁵.—**Urethra.** Slight mucous discharge from the urethra (thirteenth day),³².—[380.] Transient sensation of coldness in the urethra,²².—* *Burning in the urethra, on urinating* (first day),³³.—Burning pain in the orifice of the urethra, when passing the last drops of urine (third day),²⁹.—Slight burning in the navicular fossa, on urinating (third morning),¹².—On urinating, slight burning in urethra, which is painful to touch (first day),³³.—* *When beginning to urinate, it burns* (bites) *the worst, while urinating it sticks in the urethra, and after urinating it still continues to burn and bite*; when not urinating there is an irritation in the forepart of the penis,¹.—* *Long-continued contraction and constriction in the urethra*; the urine could only pass by drops, as in spasmodic stricture,¹.—Stitches in the urethra,³⁵.—Transient stitches in the urethra (tenth day),³².—Stitches in the orifice of the urethra,³⁵.—[390.] Stitches, as with needles, in the orifice of the urethra,³⁵.—At evening, twinging pains in the urethra, several times (second, third, and fourth days),³³.—

† It is doubtful whether these were the result of Clematis, since the prover often suffered from pains in the abdomen, usually with liquid stools, before menstruation (which came on that night).

In the evening, twinging pains in urethra when not urinating, on standing, relieved on sitting, disappearing on lying in bed at night (third day),³³.—The urethra is painful to touch,¹.—Itching-tickling for several minutes after urinating, returning after a pause of half an hour, and renewed after every micturition (twelfth day),³².—Frequent tickling in the urethra, especially in the navicular fossa,²⁵.—Itching in the navicular fossa of the urethra (seventh day),²⁷.—Dull transient pain in the prostate, frequently repeated through the day (tenth day),³².—Urging to urinate,³⁵.—Urging to urinate, without pain,⁶.—[400.] (Frequent urging to urinate),³⁵; (seventh day),²⁷.—Frequent urging to rise and urinate, followed by some burning at the orifice of the urethra (seventh night),³².—Frequent urging to urinate, with slight discharge; urine clear, reddish; on urinating, an unpleasant pressing sensation in the genitals, also when not urinating,³⁴.—**Micturition.** Frequent evacuation of normal urine (third day),¹³.—Frequent micturition, followed by pricking-burning in the orifice of the urethra (tenth day),³².—Frequent urinating at night,³⁴.—Increased passage of urine,²¹.—Profuse urine,¹⁰; (first day),²³.—Urine copious and turbid,³¹.—Urine scanty (third day),²⁹.—[410.] Urine scanty and dark-red (seventh morning),¹⁶.—Urine scanty, thickish, of a peculiar smell,²².—Urine scanty, saturated, of offensive odor,²².—Secretion of urine at first increased, but afterwards diminished,²³.—**Micturition was remarkably slow, and with a very thin stream (seventh day),³².—* Urine passed slowly and in a thin stream, as if the urethra were constricted; its passage was followed by burning in the urethra, and a tickling, itching, and sticking in its orifice (eleventh day),³².—* He is unable to evacuate all the urine at once; it frequently stops while running; after a time (if he makes a great exertion) another portion comes, then again it stops, and so stops several times until it is all evacuated; then several drops involuntarily of it, lasting a minute; in the interval of the stoppage of the urine he felt a jerk-like tearing in the forepart of the urethra (after nine hours),⁹.—Urine.* Urine red,³⁰.—Urine dark-red, without sediment (second day),²⁹.—Urine reddish, profuse, without pain (after three to six hours),⁹.—[420.] Urine dark-yellow (third morning),¹².—Urine smells like Russia leather,²².—Urine hot (seventh day),³⁰.—[He urinates a purulent substance],¹⁰.†—Urine turbid, milky, streaked with floating flocks of mucus, with very thick froth (eleventh day),³².—Urine saturated, smelling of violets, hot,²².—Urine deposits a large quantity of crystals of “urate of soda” (ninth day),³⁰.

Sexual Organs.—Male. Strong erections lasting several hours, with stitches in the urethra (third day),³.—Frequent erections (seventh day),²⁷.—Long-continued erections throughout the day, with aversion to coition (thirteenth day),³².—[430.] Involuntary erections during the day,⁹.—Unusual inclination to have erections, which were very troublesome (second day),²⁹.—Burning pain in the glans penis, on the emission of semen, during coition,¹.—Burning, irritable sensation, during an emission of semen,²².—Frequent stitches at the base of the glans penis (seventh day),²⁷.—Burning-sticking and soreness of the frænum præputii, and in the orifice of the urethra, lasting three hours, with burning pain on urinating, after a warm bath (fifth day),²⁹.—***Swelling of the right half of the scrotum, which is thickened and hangs low down, together with the right testicle; the swelling lasts twenty-four hours (after three hours),⁹.—Scrotum frequently drawn**

† In a case of gonorrhœal rheumatism; as this appeared the arthritis disappeared.—HUGHES.

up,³⁰.—Feeling as if the scrotum were contracted by cold, which was not the case (seventh day),³⁰.—Sensation of pricking in the scrotum, for several days in a slight degree, which afterwards became very violent,²².—***Swelling of the testicles**,⁷.—[440.] **Swelling of both testicles*,¹.—Both testicles hanging down, heavy, very painfully sensitive (fifth day),³².—Sensation of heaviness in the left testicle, towards 11 A.M. (third day),¹².—**Very troublesome pinching pains in testicles, which pain even on slight touch*; not swollen (first day),³³.—**Pain in the testicles, drawing backward into the spermatic cord*,¹.—Unpleasant pressure in both testicles, without increase in size,³¹.—At times burrowing pressive pains, first only in right, then also in left testicle, but always lasting only a few minutes (first day),³³.—**Increased sensitiveness, amounting to a most unpleasant pain in the testicles and spermatic cord, in the morning in bed (seventh day)*,³².—***Painful sensitiveness in the testicles** (third day),³.—**Testicles became very sensitive while walking, enlarged and hanging down, especially the left (eleventh day)*,³².—[450.] **The testicle is painful to touch, as if bruised, with drawing and tension in the inguinal region, left thigh, and scrotum, in which there is a pinching pain when touched and on walking*; the swelling lasts twenty-four hours,⁹.—**Sensation of tension in the right spermatic cord* (third day),¹².—Violent drawing pain in the left spermatic cord (third day),³.—While urinating, painful drawing in the spermatic cord, extending into the abdomen (after twenty-four hours and six days),¹.—**Pressive pain in the right spermatic cord* (third day),¹¹.—***Sensitiveness of the right spermatic cord, with drawing up of the right testicle** (fourth day),³².—Sexual excitement (first and second days),³.—Sexual excitement, on talking with females (first day),³³.—Dread of sexual desire all day, even during an erection, as if his sexual appetite had been satisfied to the highest degree, and even the thought of it was repugnant to him,⁹.—Emissions the first night after taking and the next day during the midday nap,¹.—**Female**. [460.] Menstruation eight days earlier and more profuse than usual,¹.—Menstruation ten days too early, lasting only two days; on the second day about noon, violent griping in the abdomen just below the umbilicus, which lasted half an hour, and was followed by pasty stool, and passage of much flatulence (fifth day),¹³.—Menstruation, which had appeared ten days too soon and lasted only two days, reappeared, with a slight show after two days' intermission, but nearly disappeared by noon of the next day,¹⁴.—Menstruation profuse,³⁴.

Respiratory Organs.—Larynx, Trachea, and Bronchi.

Unpleasant dryness and burning along the whole trachea, increased on motion and in the open air; intolerable from smoking; not relieved by drinking water (11th dil.),¹⁹.—Irritation to cough, and tickling in the larynx,³¹.—Frequent irritation to cough (fourth day),²⁹.—**Cough and Expectoration**. Very violent cough, with respiration sometimes accelerated, sometimes very slow (thirteenth day),³².—Hacking cough, with the accustomed tobacco-smoking,⁶.—Rough barking cough, leaving a burning along the whole inner surface of the sternum, and a sensitive sticking in both lungs (thirteenth day),³².—[470.] Dry cough from time to time (third day),²⁹.—Cough, with a mucous expectoration at times,²⁵.—Irritable cough, with scanty expectoration (seventh and eighth days),³⁰.—**Respiration**. Inclination to sigh,²².—Very weak expiration (third day),³².—On climbing a small hill about 1 P.M. he was obliged to stand still three times, although he walked very slowly; it seems as though he could not get his breath if he took another step; it seems hot in the chest, with sensation as though he would spit blood, which afterwards was only a white frothy saliva; these

attacks lasted only a few minutes, and after a quarter of an hour nothing more was noticed (eighteenth day); on the next day the same symptom was noticed after walking half an hour on an uneven road (nineteenth day),¹⁶.

Chest.—A hardened gland below the nipple, which is painful when touched,¹.—Heaviness of the chest,²¹.—Chest constricted, with pains in both lungs, making him uneasy (thirteenth day),³².—Drawing pain, extending from the lumbar vertebræ forward around the lower portion of the thorax,³⁵.—[480.] Oppression of the chest,²².—Oppression of the chest, in the præcordial region (second day),²⁴.—Oppression of the chest, in the evening,²².—Oppression of the chest, with deep respiration,²².—Sensation of oppression and contraction of the chest, with frequent need to take a deep breath,²¹.—Stitches in the chest at times, aggravated by inspiration,³⁰.—Dull stitches in the thorax, somewhat worse on respiration (after ten hours),⁴.—Slight, deep, transient stitches in the lungs,²¹.—Tearing pain externally in the chest above the heart,⁴.—Increased sensitiveness of both breasts, with transient stitches at times in them, and on the slightest touch a sensation as though they would suppurate; at the same time they seemed to the prover to be fuller and heavier than usual,²¹.—[490.] Great sensitiveness of both breasts,²¹.—**Sides.** Pain in the upper part of the left half of the thorax, on inspiration,³⁵.—The intercostal muscles of the left half of the chest, on the anterior surface of the thighs, were attacked by pain (eleventh day),³².—Violent pain in the upper part of the left side of the chest, worse on every inspiration, on taking a deep breath the pain extends through the whole left side of the chest to the scapula, so that complete inspiration was impossible, and the attempt to breathe caused involuntary crying; the pain was not affected by external pressure; violent motion of the left arm, backward or upward aggravated the pain extremely, and could not be endured; pressing the left scapula against anything or inclining the body towards the left aggravated the pain; only on sitting quietly and breathing superficially was the pain scarcely noticed; walking in the open air aggravated it very much,³⁵.—Dull, tensive pain across the left half of the chest, at 10 P.M., this increased to a cramplike pain (fifth day),³².—Transient sticking, jerking, contractive, pinching pain in the left intercostal muscles, at 7 P.M. (eighth day),³².—Continued pressing pain in the left side of the chest, not affected by respiration (after ten hours),⁴.—A sudden violent sticking pain in the left side beneath the ribs, on account of which he must involuntarily hold his breath, bend the body to the left side and press the hand firmly against the place, lasting a minute,³⁵.—Violent stitches in the whole right side of the chest, worse on inspiration,³⁵.—Dull stitch in the right side of the chest, continuing during inspiration and expiration,⁴.—[500.] Dull sticking shocks in the whole left side of the chest and abdomen, so that he was obliged to cry out (after fifteen days),⁴.—Drawing, tearing, prickling sensation over the whole left side of the chest (sixth day),²³.

Heart and Pulse.—**Præcordium.** Violent oppression of the heart, now at the base, now at the apex; this symptom continued at uncertain intervals, more or less severe until 2 A.M., when he fell asleep exhausted (fifth day),³².—Sharp stitches in the præcordial region, from within outward,³.—**Heart's Action.** Palpitation which does not allow him to lie on the left side,²³.—**Pulse.** Accelerated pulse,²².—Pulse accelerated, 82 (second day),¹².—Pulse small, soft, accelerated, 96 (third day),³².—Pulse increased ten beats (after one hour, first day),¹⁷.—Pulse increased twelve beats, soon after taking (first day),¹⁶.—[510.] Pulse 88, strong, full (second

day),²¹.—Pulse 90, full and somewhat irregular (second morning),²⁹.—Pulse 95 (third day),²⁹.—Pulse 96, full and tense (third day),²¹.—Pulse 100, strong, full, and tense (fifth day); 112 (sixth day); 106 (seventh day),²¹.

Neck and Back.—**Neck.** Some pain in the previously indurated cervical glands,²².—Tension in the cervical muscles and glands,²².—Drawing in the side of the neck and below the knee; touching these places was painful; turning the head or bending the body backward increased the pain (fifth day),¹⁷.—Tearing and drawing in the neck (third day),²⁹.—Tearing and drawing in the neck, at times (fourth day),²⁹.—[520.] Cervical glands become sensitive,²².—**Back, Dorsal.** Pressive pain in the left scapula, especially on attempting to raise the arm (fifth day),²³.—Pressive pain between the scapulæ, and in the lower portion of the thorax,³⁵.—Transient stitches beneath the tip of the right scapula, impeding respiration (ninth day),³⁰.—**Lumbur.** Painful weary sensation in the small of the back (second day),³².—Burning in the small of the back, involving the whole right side of the back and right shoulder (third day),³².—Burning, itching drawing pains deep in the small of the back, loins, shoulders, and upper arms; the sensation was more in the bellies of the muscles (fifth day),³².—Pressure in the small of the back, and extending higher, frequently repeated,³⁵.—Pressure and tension in the small of the back and kidneys, aggravated by stooping, which was for awhile almost impossible,³⁰.—Bruised pain in the small of the back, kidneys, and thighs (sixth day),³⁰.—[530.] Bruised pain in the small of the back, on both sides, above the region of the kidneys, extending to the gluteal muscles and thighs, aggravated by touch and motion, especially on stepping (fourth day),³⁰.—Dull stitches in the right loin, only when not breathing,⁴.—**Sacral.** Sensation of heaviness in the sacral region, with painful swelling of the hæmorrhoids, two weeks after the proving,²².

Extremities in General.—**Objective.** Weakness in all the limbs; the knees have no power, and easily knock together, after walking (after three hours),⁸.—Prostration of all the limbs,²².—**Subjective.** Extreme weariness and bruised sensation in all the limbs, especially in the morning, which disappear after moving about in the open air,³⁰.—During the day, heaviness in all the limbs (first day),³³.—Heaviness in the limbs, on walking and ascending stairs,²².—Limbs as heavy as lead, on waking (third morning),¹¹.—Pains in the arms and calves as if beaten, immediately after eating,³⁵.—[540.] Boring and pressive pains in the joints, with sensation of great weakness,³⁵.—Drawing and tension in the joints,²².—Drawing in the joints of the hands and knees (second day),¹³.—Drawing and tension in the joints,²².—Very violent pressure in the ankles, toes, knees, shoulders, elbows, and upper arms, a sensation as if the parts were twisted or drawn asunder,³⁵.—Pressive pains in various joints, rendering motion of the part difficult,³⁵.—Pressive pains in the joints of the feet and hands,³⁵.—Tearing-drawing in the right arm and knee, also in both ankles, and in the right toes (third day),²⁹.—Tearings in the left arm and left ankle,³⁵.—Tearing in the bones of the lower leg, and in the left elbow,³⁵.—[550.] Sensitiveness in both ankles and in the wrists,²².

Superior Extremities.—Arms, back, and thighs seem bruised (third day),³⁰.—**Shoulder.** Weary sensation in the muscles of both shoulders and in the upper arms, which afterwards involves all the pectoral muscles (second day),³².—Transient pain in the right axilla (fifth day),²⁶.—**Arm.** Momentary twitching in the right upper arm, lasting several seconds and returning after three minutes (second day),³⁰.—Pains in the arms,

drawing from shoulder down to elbow,³⁴.—Burrowing pressive pains in left upper arm, most severe in shoulder, so that motion of the arm is very much hindered,³⁴.—Oppressive pain in the upper arm (after forty-eight hours),¹.—Frequently recurring transient tearing pains in left upper arm, in the evening,³⁴.—**Elbow.** Severe pressure and boring in the right elbow-joint, and also above and below it,³⁵.—[560.] Pressive pain in the bend of the elbow on stretching out the upper arm,¹.—Tensive sticking pains in both elbows and wrists (seventh day),³⁰.—Sudden sharp stitches below the left elbow,³⁵.—Pain in the outer side of the left elbow-joint, as after a blow or a fall upon it, aggravated by pressure and motion,³⁰.—**Forearm.** Drawing pain on the right side of the forearm, extending from the elbow downward, with impeded motion (fifth day),²⁷.—Pressure in the right forearm, in the left toes, and here and there in the cranial bones,³⁵.—Violent drawing stitch in the left forearm, in all positions (after one hour and a quarter),⁶.—Tearing in the left forearm (after quarter of an hour),³⁵.—**Wrist.** Slight drawing in both wrists and tarsal joints (first day),¹⁴.—Sharp, violent drawing-sticking in the wrist, while walking in the open air (after eleven hours),⁶.—**Hand.** [570.] Sensation as if the hands were too thick, with dryness and heat of them (ninth day),³⁰.—Rheumatic pains, especially in the metacarpal bones and fingers, though without swelling or redness (eleventh day),³⁰.—Violent stitches in the palms of the hands and soles of the feet,^{30b}.—**Fingers.** Constant sharp stitches in the joints of the right thumb,³⁵.—Some violent tearings in the finger-joints of the right hand, especially on moving them suddenly or rapidly,²⁵.—Drawing-tearing in the right thumb, during rest and motion (after nine hours),⁶.

Inferior Extremities.—Violent sensation of weakness in the legs and in the back, on even slight motion of the arms,³⁵.—Heaviness of the lower limbs, even in bed (seventh day),³².—Heaviness and weakness in the lower extremities, after waking from a nap, in the evening (second day),¹².—Such heaviness in the lower limbs that he could scarcely get out of bed (ninth day),³².—[580.] The legs are especially heavy and weak; on the left lower leg a painless swelling as large as a pigeon's egg, analogous in situation, character, and color to one on the right leg; and also on both calves a remarkable accumulation of very numerous, prominent, and closely anastomosing cutaneous veins, between which a number of varicosities were noticed (eleventh day),³².—Drawing downward in the lower extremities, toward the soles of the feet, lasting half an hour,³¹.—Violent drawing in the bones of the legs,³⁵.—Sticking-drawing pains in the right hip-joints and in the whole of the hip, lasting a long time, and extending forward into the right inguinal region (second day),²⁹.—Pressure in the left leg,³⁵.—Tearing and sticking in the hip-joint (fourth day),²⁹.—Painful bruised sensation in the legs,³⁵.—**Hip.** Pain in the hip, lasting three days (third day),².—Frequently recurring transient tearing pains in left hip-joint and sacrum,³⁴.—**Thigh.** Burning tensive pain in the posterior portion of the thigh (tenth day),³².—[590.] Drawing and tension in the right thigh, sometimes extending in painful jerks as far as deep into the penis (after eight hours),⁹.—Tearing pain in the right thigh, while sitting and lying,⁵.—**Knee.** Stiffness of the right knee-joint (seventh day),³⁰.—On walking, pains attack the right knee (second, third, and fourth days),³³.—Rheumatic pain for some hours in the outer left knee-joint and knee-pan; walking was difficult (sixth day),³⁰.—Rheumatic pains in the knees, ankles, and wrists (ninth day),³⁰.—Dull pain in both knees, which are heavy, feel as if asleep, preventing walking, ending with circumscribed sweat (twelfth

day),³².—After walking, drawing in the knee and thigh, like a tearing, though not in the joints,¹.—Tearing and sticking in the right knee and ankle (fourth day),²⁹.—Transient tearing in the knee,¹.—[600.] Waked by a transient tearing pain on the right patella, which seated itself, soon after rising, in right leg, especially in tibia (third day),³³.—**Leg.** Painless increase in size of both lower legs (ninth day),³².—On the inner side of the right lower leg, near the inner margin of the tibia, three (in a row) circumscribed, dark-red, painless, soft swellings, of the size of walnuts; the uppermost showed fluctuation at the centre (ninth day),³².—The lower legs are heavy and weary, for two days,⁵.—The lower legs are heavy and painful, the gait tottering (tenth day),³².—Slight cramp in the calves, compelling him to rub them with the hand (eighth day),³⁰.—Very violent boring pains in the left tibia, after rising in the morning, and frequently returning through the day,³⁵.—In tibia, burrowing pains, also in ball of right great toe (first day),³⁵.—Very obstinate dull pressive pains, persistent, in right tibia, very severe, especially on walking (second, third, and fourth days),³³.—Violent pressive pains in tibia, during the day (first day),³³.—[610.] Drawing-tearing, now in the left, now in the right lower leg, extending along the tibia to the ankle,²⁵.—Dull stitches in the left calf, while sitting (after forty hours),⁶.—**Ankle.** Long-continued boring in the left ankle,³⁵.—Severe boring in the malleoli,³⁵.—Pressure in the ankles and ankle-bones,²⁵.—Transient tensive sticking pains in the region of the right external malleolus (sixth day),³⁰.—Sticking-tearing pains on the inner side of the right ankle, though no change was noticed externally, or when touched (second day),²⁹.—**Foot.** Sensation of weakness in the feet (second day),¹³.—Violent pain in the right heel, transient, reappearing in the afternoon of the same day (fourth day),²⁹.—Burning in the soles of the feet,²².—[620.] Continued aching in the ball of the right heel, as if it had been bruised by jumping (after six hours),⁶.—Drawing and tension in the foot, upon which there is an ulcer, while walking,¹.—Pulselike sticking in the sole, in the evening after going to sleep, also at 3 A.M.,¹.—Bruised sensation in the feet and legs, as after great fatigue (seventh day),²⁰.—Crawling in the forepart of the right sole, as from being asleep (after three hours),⁶.—**Toes.** Violent sore pain in the left great toe, towards the inner side, most violent during rest (after eight hours),⁶.

General Symptoms.—Objective. Swelling of the lymphatic glands, especially of the right inguinal glands; they were swollen to the size of hazel-nuts, which only completely disappeared on the twentieth day,¹⁶.—Vividly perceptible pulsations of the bloodvessels throughout the whole body, especially in the heart (after seven hours),⁸.—Trembling over the whole body after lying down, especially the right side, upon which he lay,⁸.—Muscular twitching in almost all fleshy parts of the body,⁸.—[630.] Violent jerking, as of electric shocks, in the whole body, with great fright from a sensation as if he suddenly fell down (22d dil.),¹⁹.—The increased activity and lively mood were of shorter duration after the first day, while the reaction of depression, peevishness, etc., became longer and longer after repeated doses,¹⁷.—Disinclination for work,²².—Not inclined to exertion (first day),³³.—Rising from bed difficult; he is very indolent (third day),³².—Desire to rest (fourth day),²⁴.—Did not desire his accustomed evening walk (first day),²⁹.—Weakness,^{21 22}; (third morning),¹².—Weakness of the whole body,²⁸.—Weakness in the morning (sixth day),²⁷.—[640.] Weakness on waking,²².—Weakness and sleepiness in the morning, on awaking from an unrefreshing sleep (seventh day),¹⁷.—Weakness and sleepiness

after eating, so that he was obliged to lie down, with quickened pulsations of the bloodvessels; when he awoke he was not bright, and fell again into a slumbering condition,⁸.—General weakness (eleventh day),¹⁶.—General weakness and exhaustion (after 300 drops),²⁰.—Great general weakness and prostration (third day),²⁹.—Great weakness and exhaustion, so that he was obliged to lie in bed,²⁷.—Great weakness and little appetite, at noon,²².—An attack of great weakness, followed by clammy sweat, after attending to much business, in the evening,²².—Unusual weakness in the evening (third day),²⁴.—[650.] Extreme weakness on waking, so that he could scarcely move the body,²².—Trembling weakness of the whole body (third day),³².—Weak and perspiring in the morning,²².—Great exhaustion after twenty minutes' rest,²².—Extreme exhaustion of the whole body on rising (eighth day),³².—Prostration (sixth day),²⁶.—Great prostration,³¹; (sixth day),²⁷.—Great prostration and weariness in the whole body (sixth day),³⁰.—Great prostration after a stool,²².—Was obliged to rise at 4 A.M. on account of restlessness and dry heat in bed (seventh day),³⁰.—[660.] Uneasiness and oppression in the evening (second day),²⁴.—Constant tossing about in bed, with anxiety and sweat on forehead (fifth night),²³.—Involuntary running about the streets with great lightness and unusual rapidity, more like a kind of floating about; inability to find a quiet place in either the room or open air; after this condition had lasted two hours, he fell into a mental state which he was unable to describe clearly; there seemed to be no sensation in any part of the body, no will-power, no power to think; after some hours there was experienced a painful weariness in all parts of the body, with a sticking-beating pain in the head, extending from within outwards, and a sensation as if it would burst; the feet felt as heavy as lead and fastened to the ground; walking painful and unsteady (third day),³².—*Subjective*. Great sensitiveness to all external impressions; they affect him unpleasantly; cause great irritability and anxiety (sixth day),¹⁷.—The cutaneous nerves became very sensitive to a cool temperature and to rubbing with the clothes,²⁷.—The customary bath in the evening was not tolerated as long as usual,²².—Weariness (seventh day),²⁰.—Weariness, especially in the thighs and knee-joints (third day),¹¹.—Great weariness, with knocking together of the knees,²¹.—Great weariness after scarcely half an hour's exercise in the open air (first day),²⁹.—[670.] Unusual weariness,²⁵.—Weary on waking in the morning, as though he had danced all night (second day),²⁴.—In the morning, on waking, he did not feel refreshed; he perspired somewhat, and then for the first time wished to sleep, wherewith he could not endure to be uncovered, on account of an unpleasant cold sensation,⁸.—Great fatigue; on walking, the chest becomes easily oppressed,²².—Sensation of weakness in the whole body, as after great exertion, with stiffness in the joints and frequent cracking of them on motion,³⁵.—Sensation of prostration and heaviness (fourth day),³².—Sensation of discomfort,²⁸.—In the morning, a sensation in the body as after an emission, or as if one had been suppressed,⁸.—Numerous pains, alternating in various parts of the body, lasting until falling asleep, at 2 A.M. (eighth day),³².—Wandering pains, mostly pressive, in the lower legs, in the cranial bones, in the right scapula, in the forepart of the right shoulder-joint, in the toes, in the knees, in the left inferior maxillary bones, in the tarsal bones; these pains seem worse while sitting than while walking,³⁵.—[680.] Drawings in various parts of the body, especially in the feet,³¹.—Some transient stitches in the joints, the forearms, thighs, and genitals, followed by some itching pain; after scratching an eruption like an urticaria (after two weeks),²².—

General bruised sensation and weakness (ninth day),³⁰.—Unpleasant bruised and weary sensation over the whole body, as after great exertion (second day),³².—Bruised pains in the joints, cranial bones, and other parts, frequently changing their seat,³⁵.—Painful parts are sensitive to touch,¹⁷.

Skin.—Objective. Redness, vesicles and ulcers on the skin (caused by the local application of the leaves),³⁶.—**Eruptions, Dry.** Many pimples come, especially on the forehead, appearing with fine sticking, and are somewhat painful to touch,⁸.—Pimples, by themselves painless, above the eyebrows, at the root of the nose, on the chin, and the tip of the nose; they suppurate, and are somewhat painful to touch,⁸.—Several pimples on the face,²⁵. †—[690.] Painful eruption of pimples on the forehead,².—Painful eruption of pimples on the upper lip,².—Itching pimple above the right eyebrow (third day),¹².—Papular eruption on the forehead (after five hours),⁶.—**Eruptions, Moist.** The eruption following the itching of the previous day developed as pimples of the size of a millet-seed; the itching pain changed to a burning; this eruption was thickest about the umbilicus, where several vesicles filled with lymph were found; it lasted two days, and desquamated with fine scurf and violent itching (second day),¹⁴.—Vesicular eruption appears on the thighs, with increased warmth and itching (sixth day),²⁴.—Some itching vesicles on the neck (fourth day),²⁹.—Itching blisters on the lower lip, just beneath the vermilion border; they discharge water, and then become covered with a yellowish crust, itching somewhat (after three days),⁵.—**Eruptions, Pustular.** [Pustules like the itch over the whole body],¹⁰. ‡—Eruption of large pustules, mostly about the loins, which are very painful to touch,¹.—[700.] Several cutaneous glands in the face and upper and lower extremities frequently suppurate,²⁷.—Four inflamed cutaneous glands in the left thigh, consisting of very red pimples, of the size of a millet-seed, surrounded by red areola; some of the glands suppurate, and discharge a thin fluid pus (after eleven days),²⁷.—A boil on the thigh,¹.—**Subjective.** Sudden lightning-like stitches here and there in the skin (first day),¹⁷.—Prickling, as with a needle, in many places in the body, obliging him to scratch,²².—Prickling and itching in several parts of the body,²².—Prickling sensation beneath the skin (like formication), which at first was dry, but towards noon became moist and soft to the touch,²¹.—Itching over the whole body (third day),¹⁶.—Itching of the skin, relieved after a full bath (second day),¹⁶.—Itching in various parts of the body, especially those covered with hair, obliging him to scratch, without eruption or desquamation,³⁰.—[710.] Burning and itching on the back and chest, especially in the region of the sternum (after two hours and a half),²⁹.—[Burning pain in an ulcer],¹⁰. §—Burning pain in the skin of the left cheek,⁴.—A burning-cutting pain in the skin of the left side of the forehead, most violent when the skin is drawn up smooth,⁴.—Fine sticking pain all over the hands, which had been covered with juice, as soon as they are washed with water,¹.—Throbbing pain in an ulcer, in the morning,¹.—Formication of the genitals,²².—Itching on the back, chest, and outer portion of the legs (fourth day),²⁹.—Violent itching on both forearms and upper abdominal region, provoking scratching, and followed by burning; on the itching places a red nettle-like rash appears, at 9 P.M. (first day),¹⁴.—Violent itching, causing scratching,

† Which I had formerly noticed, but not for a long time.

‡ In a syphilitic subject of sixty-five.—HUGHES.

§ In a putrid and fungous ulcer, previous to its improvement to a simple and clean one.—HUGHES.

on the toes, in the evening, after lying down, with sweat between the toes,⁶.—[720.] A burning-itching pain in the right cheek and on the wing of the nose woke him from sleep; the place showed a circumscribed redness, with small elevations; towards evening a number of vesicles as large as the head of a pin appeared on the lower lip, corners of the mouth, and wings of the nose, with sensitive burning sensation (fourth day),²⁴.

Sleep and Dreams.—Sleepiness. Frequent yawning,³⁰.—Frequent yawning and sleepiness, relieved in the open air (first day),¹³.—Inclination to sleep after dinner (first and other days),¹⁷.—Desire to sleep,³¹.—Irresistible desire to sleep in the evening, but after going to bed falls asleep late and with difficulty,²⁹.—Sleepiness on waking (third morning),¹¹.—Sleepiness at night (first night),¹³.—Sleepiness after dinner, without being able to sleep (second day); the sleepiness returned every afternoon during the proving, quite contrary to his usual habit,¹⁶.—Sleepiness and yawning, while sitting (after three hours),⁶.—[730.] Sleepiness and much yawning (seventh day),²⁰.—Some sleepiness after dinner (third day),¹⁵.—Great sleepiness and weariness at noon,²².—Great sleepiness after eating,²².—Great sleepiness, with not unrefreshing sleep, together with disinclination to rise from sleep, for several days,¹⁶.—Irresistible sleepiness from 2 to 5 P.M. (second day),¹³.—Irresistible sleepiness, so that he could not read after 5 P.M. (second day),¹².—Such sleepiness that he was obliged to remain in bed; he slept quietly two and a half hours after breakfast (third morning),¹¹.—The same overpowering sleepiness returns after supper, so that he is obliged to go to bed by 9 o'clock (second day),¹².—Constant sleepiness, with disinclination for work (after four hours),⁴.—[740.] Heavy with sleep and weary, in the morning on waking; he wanted to rise but felt too weak,².—Very much overpowered by sleep, in the morning (twelfth day),³².—Irresistible sleep after eating, lasting twenty minutes, followed by great indolence,²².—Sleep for two hours after the midday meal, at which he had eaten more than usual (eighth day),¹⁵.—Difficult waking from heavy sleep, in the morning,²².—**Sleeplessness.** No desire to sleep,²².—No inclination to sleep, in the evening,²².—In the evening, he could not go to sleep for a long time, contrary to his habit,⁸.—Must go to bed earlier than usual; fell asleep only after long restless tossing about, with increased internal heat and violent headache; sleep disturbed by confused dreams, lasting till only 3 A.M., when he awoke with sudden starting, and could not fall asleep again (first night),²⁹.—Although his eyes immediately closed, and he was very tired, yet he could not fall asleep the whole night; there seemed to be an internal dry heat which prevented sleep,¹.—[750.] Uneasy sleep (fifth night),²⁶.—Uneasy sleep, interrupted by many dreams,⁶.—Uneasy sleep at night, with frequent groaning (first night),¹⁴.—Uneasy sleep at night, with tossing about, throwing off the covering, and dreams, which were easily remembered on waking,².—Sleep very uneasy, full of confused heavy dreams, with confusion of the head on waking in the morning (sixth night),¹⁶.—Night uneasy; some shocks like electric shocks jerk the body, now to the right, now to the left (first night),²².—Night uneasy, very much disturbed by desire to urinate, and also by dryness and pain in the mouth (thirteenth night),³².—Night very uneasy; was unable to sleep, without knowing why, though he was very sleepy; constantly tossing from side to side until midnight (nineteenth and subsequent nights),¹⁸.—Uneasy night, with constant waking from sleep, from anxious dreams, and sensation as though the bed and ground were moving (second day),²⁰.—Sleep restless, full of dreams,³⁴.—[760.] Sleep restless, disturbed by many dreams (first

night),³².—Sleep restless, with dreams and profuse sweat over the whole body, lasting all night (second night),³².—Sleep very restless (fifth night),²⁷.—Restless sleep, amorous dreams, and erections (second day),³³.—Night restless and disturbed by dreams,³⁴.—Nights restless, disturbed by vivid dreams (second, third, and fourth days),³³.—Night restless; heavy dreams, frequent waking and starting from sleep,³¹.—Frequent starting up from sleep, followed by sensation of anxiety and sweat, especially on the forehead (third night),²³.—Very little sleep at night, constant tossing about in bed, from midnight till 2 A.M.; towards morning light sleep, with confused anxious dreams (28th dil.),¹⁹.—**Dreams.** Vivid though not anxious dreams,⁸.—[770.] Vivid, in part voluptuous dreams,⁶.—Sleep interrupted by confused dreams (third night),¹⁶.—Frequent waking from sleep by confused dreams,¹⁷.—Uneasy dreams,²².—Uneasy dreams during the night,¹.—Anxious dream of danger from fire at night,⁹.—Frightful dreams during the whole night; waking well in the morning, with desire to rise (seventh night),¹⁶.—Most frightful and anxious dreams through the night (seventh day),³².—Many dreams of misfortunes (sixth night),²⁷.—Dreams that he had been wrongfully accused of a crime,⁷.

Fever.—Chilliness. [780.] Shivering all over, after a slight uncovering, in warm air (after one hour and a quarter),⁶.—Frequent shiverings and creepings of coldness (third day),³⁰.—Frequent sensation of shivering, especially on the back, even in a warm temperature,³⁰.—Shivering across the shoulders, after 6 P.M., while walking in the open air, followed by transient heat, lasting a quarter of an hour (first day),¹⁴.—Transient shivering across the shoulders and back, with unchanged pulse, at 7½ P.M. (first day),¹³.—Cool cheeks,²¹.—Unpleasant sensation of coldness in the stomach,³¹.—**Heat.** Increased temperature (second morning),²⁹.—Increased temperature of the whole body,²¹.—Increased warmth of the whole body, followed by general coldness, while the head remained quite hot,²¹.—[790.] Continuous increased warmth and fulness of the whole body,²¹.—Subtle warmth over the whole body,¹⁷.—Sensation of warmth over the whole body, immediately (fifth day),²³.—Increased sensation of warmth, especially in the face (second day),¹².—Heat in the whole body, and confusion of the head,²².†—Heat, with headache, great thirst, pulse 100, scanty and dark urine, uneasy night, beginning between 3 and 4 P.M., reappearing the next day, and every day for four days, when he had a copious sweat at night, and the urine became loaded with chlorides, after which he experienced great relief (second week),²⁷.—Great heat in the body, towards evening,²².—Repeated momentary attacks of heat, with red cheeks,²¹.—Frequent and very transient flushes of heat,²¹.—Sensation of heat, on urinating,²².—[800.] Orgasm of blood, with great sexual excitement, towards evening,²².—Warmth in the face, with unusual circumscribed redness of the cheeks, together with decided warmth externally in the small of the back, extending from the centre to the periphery, similar to the sensation imparted by a warm moist bandage (after five hours),³².—Increased warmth of the whole external head, with a sensitive pressure upon it (after two hours and a half),³².—Sudden warmth streaming from within outwards through the whole head, face, and ears, which last were burning hot (third day),³².—The sensation of warmth in the back extended upward on the left side, across the lowest ribs to the scapula (after nine hours),³².—Heat in the head and chest, with deep sighing,²².—Burning heat of the feet and

† After a glass of liqueur.

hands, so that he could not keep them under the bedcover, and kept seeking cool places, at 3 A.M. (seventh day),³⁰.—Decided heat of the chest and head after eating, and after the midday nap,²².—Occasional flushes of heat over the whole back and chest, lasting a few seconds (first day),²⁹.—Forehead hot,²¹; (sixth day),³⁰.—[810.] Forehead and cheeks hot; the latter red (third day),³⁰.—Nose hot, discharging a thin fluid secretion (sixth day),³⁰.—Burning-hot sensation in the soles of the feet (after two weeks),²².—Great inclination for the open air, with burning pain or sensation of heat in various parts of the body, without redness,³.—*Sweat*. Sweat during sleep (unusual),²².—Copious sweat, of a peculiar odor, towards morning,²².—Easy copious sweat, on slightest motion (first day),³³.—Profuse sweat at night,^{10 22}.—Sudden profuse sweat at 2.30 P.M., affording general relief (third day),³².—Agreeable transpiration of the skin (first day),¹⁶.—[820.] Sweat over the whole head and on the small of the back, profuse, but without relief; this profuse sweat continued in spite of a cold wind and light clothing; did not diminish during the whole walk, and continued even after returning (from five hours and a half to seven hours and a half),³².—Hands dry and hot, with a sensation as if they were too thick (third day),³⁰.

Conditions.—*Aggravation*.—(*Morning*), *Confusion of head*; on rising, *heaviness in head*, etc.; on waking, dull headache; at 7.30 o'clock, diminished hearing; on waking, tongue dry; in bed, sensitiveness of testicle, etc.; weariness, etc., in limbs; at 3 o'clock, sticking in sole; *weakness*, etc.; on rising, exhaustion; on waking, weary; sensation in body; pain in ulcer; on waking, heavy, etc.; at 3 o'clock, heat of feet, etc.—(*Forenoon*), *Headache*; towards 11 o'clock, sensation in testicles.—(*Noon*), *Weakness*, etc.; sleepiness, etc.—(*Afternoon*), Towards evening, drawing, etc., in region of ear; *hunger*; fulness of abdomen; after 5 o'clock, sensation in abdomen; after dinner, sleepiness; from 2 to 5 o'clock, sleepiness; after 6 o'clock, while walking in open air, shivering across shoulders; towards evening, heat in body; towards evening, orgasm of blood, etc.; at 2.30 o'clock, sweat.—(*Evening*), Pain in head; while lying down, hammering in head; at 7 o'clock, tearing in tooth; oppression of chest; at 7 o'clock, pain in intercostal muscles; pains in arm; after waking from nap, heaviness, etc., in lower extremities; after going to sleep, sticking in sole; unusual weakness; uneasiness, etc.; after lying down, itching on toes; at 7.30 o'clock, shivering across shoulders, etc.—(*Night*), On closing eyes in bed, headache; at 10 o'clock, after reading in bed, toothache; frequent urinating; towards morning, sweat; profuse sweat.—(*After midnight*), Headache.—(*Open air*), Dryness, etc., along trachea.—(*Walking in open air*), Vertigo; headache; pain in left chest; sticking in wrist.—(*In bed*), Pain in inguinal glands.—(*Getting bread into tooth*), Toothache.—(*After breakfast*), Soon, sneezing.—(*Close air*), Vertigo.—(*Closing eyes*), Biting in eyes.—(*Coffee*), Renews the pains.—(*Cold*), Headache in forehead.—(*Coughing*), Tension, etc., in abdominal muscles.—(*After dinner*), *Pressure on stomach*; inclination to sleep.—(*Eating*), Headache; pain in gum; while smoking, nausea; immediately, pains in arms, etc.; weakness, etc.; *sleepiness*; *sleep*; heat of chest, etc.—(*On holding head erect*), Vertigo.—(*Inspiration*), Sticking from abdomen to chest; stitches in chest; pain in thorax; pain in left chest; stitches in right chest.—(*Lying*), Pain in thigh.—(*Lying down in bed, in horizontal position*), Toothache.—(*Motion*), Dryness, etc., along trachea; especially on stooping, pain in small of back.—(*Violent motion of left arm, backward or upward*), Pain in chest.—(*After midday nap*), Heat of chest, etc.—(*Pressure*), Sensation in region of liver; sensation in fundus of stom-

ach; drawing in abdomen.—(*Attempting to raise arm*), Pain in scapula.—(*Respiration*), Stitches in thorax.—(*Rest*), Pain in great toe.—(*Sitting*), Pain in thigh; stitches in calf; wandering pains.—(*Standing*), Pains in urethra.—(*After a stool*), Prostration.—(*Stooping*), Pressure, etc., in small of back, etc.—(*Swallowing*), Stitching in throat.—(*Tobacco smoking*), Headache; toothache; nausea, etc.; dryness, etc., along trachea; cough.—(*Touch*), Sensation in abdomen; pain in testicle, etc.; pain in small of back.—(*Turning*), Vertigo.—(*Turning head*), Drawing in side of head.—(*On urinating*), Sensation of heat.—(*On waking from afternoon sleep*), Morose, etc.—(*Walking*), All symptoms; headache in forepart of brain; headache in half of brain; tension in inguinal region; testicles become sensitive; pain in testicle, etc.; pains in knee; drawing in knee, etc.; pains in tibia; drawing, etc., in foot.

Amelioration.—(*Afternoon*), Towards evening, general relief; from 3 to 4 o'clock, an outbreak of sweat, symptoms relieved; from 10 A.M. to 4 P.M., liveliness.—(*Night*), On lying in bed, pains in urethra disappear.—(*Open air*), Confusion of head; yawning, etc.—(*Moving about in open air*), Weariness, etc., in limbs.—(*Full bath*), Itching of skin.—(*Cold water*), Pain in teeth.—(*Pressure*), Headache in forehead.—(*Sitting*), Pain in urethra.

COBALTUM.

The element, Co.

Preparation, Trituration of the pure metal.

Authorities. 1, Dr. C. Hering, monograph, Phila., 1866; 2, Dr. S. Jones, provings with 1st trit., repeated doses, from same monograph and from Sparhawk's provings, Phila. J. of Hom., 2, 449; 3, Noah Koller, from Hering; 4 a, A. Lippe's first proving, 1st trit., Sparhawk's provings; 4 b, same, 2d trit.; 5 a, Sparhawk's proving, 1st trit., repeated doses; 5 b, same, 2d trit.; 5 c, same, 30th dil.; 5 d, same, 50th dil.

Mind.—**Emotional.** Great exhilaration of spirits during the day (third day),^{5d}.—Great vivacity (fifth day),^{5d}.—Great vivacity and rapid flow of thought,^{5a}.—Low-spirited; thinks too little of himself,³.—Condemned, mean feeling, as though guilty of some deed of which others knew; as if he could not look one in the face (after the fourth dose), 6 A.M., and several times during the day (third day),².—*All mental excitement greatly increases the suffering (1st dil.),¹.—**Intellectual.** Desire for study (second day),^{5c}.—Increased desire for study (third day),^{5d}.—Much more inclination to study,^{4b}.—[10.] Indisposed to mental or physical labor; want of energy; low-spirited; thinks too little of himself,³.—Dulness and weakness, with aversion to mental exercise (after nine hours),^{5a}.

Head.—Dulness and fulness, with bruised pain in the head, especially in the forehead and temples; morning (second day),³.—Head feels dull and stupid, with a dull pressive pain in temples, which was worse on moving; forenoon (second day),³.—Pain in the head (second day),².—Pain in head, worse when bending forward, especially the occiput (second day),^{5c}.—Pain in head and small of back (second day),^{5c}.—Pain in head, especially occiput, at the middle of the day (second day),^{5c}.—Feeling as if head grew large during stool, with dizziness and weakness; pain in head continued for an hour after stool (after six hours),^{5b}.—Dull aching pain in head from 1 till 8 P.M., increasing till then, mostly in forehead (third day),^{5c}.—[20.] Headache in morning, with beating, and sore aching all over (sev-

enth day),^{5c}.—Headache, in morning when rising (second day)^{5d}.—Headache, on waking and during the day (third day),².—Headache all forenoon (second day),^{5c}.—Headache at 12, with nausea and languor (second day),^{5d}.—On walking, headache,².—Slight headache for two days, in morning till 10 o'clock and again in afternoon (fourth day),^{5c}.—Slight headache in afternoon (fourth day),^{5c}.—Slight headache in room, going off in open air (soon after),^{5c}.—Dull headache all day, from waking in the morning, worse in a room (second day),².—[30.] Dull headache, especially in forehead, with a feeling in stomach as if it contained undigested food (third day),^{5a}.—Sensation as if the brain went up and down, when stepping (seventh day),^{5c}.—**Forehead.** Pain in forehead (sixth day),^{5d}.—Pain in forehead, after rising (second day),^{5c}.—Pain in forehead, worse from stooping (fourth day),^{5d}.—Pain in forehead, with pain in back part of eyes (after half an hour),^{5c}.—Pain in forehead, with sense of fullness at stomach, as if filled with air (third day),^{5c}.—Severe pain in forehead, soon after rising (second day),^{5c}.—**Temples.** Severe pain in temples (after one hour),^{5d}.—Pain in left temple during morning, with feeling of languor and nausea at stomach; constant desire for stool, and sensation as if diarrhoea would set in, but it did not (second day),^{5d}.—[40.] Pain, like a tearing, in the right temple near to the orbit; forenoon (first day),³.—**Vertex.** Pain in top of head, when rising from a seat, with prickling pain in stomach (third day),^{5b}.—The top of the head at every jar feels as if it would come off (seventh day),^{5c}.—**Occiput.** Pain in occiput, in morning (fifth day),^{5d}.—Headache in occiput (second day),^{5c}.—Headache in occiput in morning, worse in open air; continuing till 3 P.M. (second day),^{5d}.—Headache in occiput, coming on at noon,^{5d}.—**External Head.** Pimples, very sore, like a boil in the edge of the hair on the back of the head (third day),^{5d}.—Great itching of hairy scalp at night (second day),^{5c}.—Great itching of the hairy scalp, and in the beard under the chin, with burning when scratching (second day),^{5c}.

Eye.—[50.] The eyes, which were previously weak, and the lids red and tender, are much aggravated, with sensation as if sand were under the lid (third day),².—Eyes dry,².—Pain in the eyes during the day and evening,^{5b}.—Pain in eyes, when coming to the light (third day),^{5c}.—Burning in eyes, especially the upper lids (after one hour),^{5c}.—Aching pain in eyes, when writing (after twenty-one hours and a half),^{5d}.—Fine dartings in eyes when writing, with feeling, when opening the lids, as if little strings were holding them together and were snapping,^{5b}.—Darting pain in eyes, on coming into the light from a room, at 2.30 P.M., in bright sunshine (third day),^{5a}.—Shooting pain in eyes, on coming to outdoor light from a room (third day),^{5b}.—Eyes smart in light (ninth day),^{5d}.—[60.] Smarting pain in left corner of left eye, as from hot water, with severe pain in top of head (third day),^{5c}.—Severe smarting pain in eyes when writing, with almost loss of vision (second day),^{5c}.—Eyes worse in open air (third day),².—**Lids.** Lids smooth, forming scales on the upper lid (third day),².—Sensation as if something were under the upper lid, obliging him to rub it (sixth day),².—Pain and smarting in upper eyelids as soon as he looks at anything steadily (second day),^{5c}.—A good deal of burning in lids,².—Smarting in eyelids (sixth day),^{5d}.—Smarting of eyelids as soon as he begins to use them (third day),^{5c}.—Smarting pain on inner side of upper lids (second day),^{5c}.—[70.] Smarting pain in eyelids, in evening (third day),^{5d}.—**Lachrymal Apparatus.** Lachrymation and pain in eyes, especially in cold air (second day),^{5c}.—Profuse lachrymation in open air, with water from nose,^{5c}.—**Ball.** Some pain in ball (third day),².—**Vision.** Flickering before the eyes

(*muscæ volitantes*), dimness of sight; while reading, the letters look blurred (three hours after 1st dil.),³.

Ear.—Aching pain in left ear (ninth day),^{5d}.—Aching pain in left ear in evening (sixth day),^{5d}.—Aching pain in left ear (like slight humming), (second day),^{5d}.—Aching-beating pain in left ear, in evening (fourth day),^{5d}.

—**Hearing.** Humming in left ear (seventh day),^{5d}.

Nose.—[80.] Thin discharge from the nose and occasional sneezing (second day); symptoms of a cold continue (third day),².—Feeling as if of a cold in the head (second day),².—Nose feels dry and filled up with dry scales, with itching, especially of left nostril (second day),^{5c}.—Nose feels as if obstructed with mucus (second day),^{5c}.—Stitching of left side of nose at the angle; it burns on being scratched (second day),^{5c}.—A very sensitive spot on the nose, at the termination of the cartilage, being very painful on pressure, four following days,³.—**Smell.** Putrid sickish smell before the nose (second day),^{5d}.

Face.—Peeling of the lips, and soreness; they bleed easily,^{5d}

Mouth.—Teeth. Pain in hollow tooth, which feels too long; sensitive to touch,^{5d}.—Pain in hollow tooth (first molar of lower jaw, left side), with swelling of the gums, and great tenderness around it; worse from inhaling cold air; feels as if it would ulcerate,^{5c}.—[90.] Pain and soreness of hollow tooth; feels as if too long for a while, and then goes off again (second day),^{5c}.—Paroxysms of pain in the hollow tooth (second day),^{5c}.—**Tongue.** Tongue white (second day),^{5d}.—Tongue coated white (second day),^{5c}.—Tongue coated white, with cracks across the middle (second day),^{5c}.—Tongue covered with a *thick white coat*,^{5d}.—Very thick white mucus on tongue, with flat, mucous taste (third day),^{5c}.—**General Mouth.** Sore on left side of mouth, opposite stomach tooth (sixth day),^{5d}.—Pricking in roof of mouth, as from a pain (after half an hour),^{5c}.—Stinging pain in roof of mouth, extending through to left ear (second day),^{5c}.—**Saliva.** [100.] Much saliva accumulates (third day),^{5c}.—Water accumulates in mouth, with frequent swallowing (after one hour and second day),^{5c}.—Constant secretion of water in mouth, and swallowing (second day),^{5d}.—**Taste.** Flat taste (second day),^{5c}.—Flat taste in mouth, and rising of sour water, which has an acrid feeling in throat (second day),^{5c}.—Nauseous, flat taste in morning (third day),^{5b}.—Flat mucous taste in mouth (second day),^{5c}.—Bad mucous taste in mouth (second day),^{5d}.—Bad taste in the mouth, with belching of wind; morning (second day),³.—Sweet taste of mucus, with expectoration of thick, white, frothy mucus, with lumps in it (second day),^{5c}.

Throat.—Objective. [110.] Throat filled with mucus in the morning (third day),^{5b}.—Throat filled with white mucus (second day),^{5d}.—Hawking of lumpy mucus in morning,².—Hawking and spitting of mucus in the morning, first of lumps and then thinner (third day),².—Uncomfortable feeling in the throat, with pain on empty swallowing and gaping (second day),^{5a}.—Dry throat, when rising (third day),^{5d}.—Throat dry and sore, feeling as if raw,^{5d}.—Throat feels dry and sore on swallowing, feeling as if something dry had collected in it, on rising in morning (second day),^{5c}.—Sensation as if something sticks in throat, causing him to hawk, which makes it feel sore (second day),^{5c}.—Heat rising in throat, as if from stomach,^{5c}.—[120.] Sore throat in morning, when hawking (ninth and tenth days),^{5d}.—Soreness of throat when hawking, as if raw (fourth day),^{5d}.—Sore raw feeling in throat, when hawking (fifth day),^{5d}.—Frequent desire to swallow, with accumulation of water in mouth (second day),^{5c}.—*After discharging phlegm from the throat he feels generally much relieved,¹.—**Ec-**

ternal Throat. Drawing pain in left submaxillary gland (second day),^{5d}.

Stomach.—Appetite. Appetite somewhat diminished (third and sixth days),².—Not much desire for food; ate lightly at dinner,^{5b}.—No appetite (second day),^{5d}.—No appetite for supper (second day),^{5c}.—[130.] *No appetite for supper* (ate none), (second day),^{5d}.—**Eruetation and Hiccough.** Much rising of wind from stomach (third day),^{5d}.—Belching of wind (after six hours),^{5h}.—Rising of sour water from stomach,^{5c}.—Rising of bitter water in mouth, an hour after dinner (third day),^{5c}.—Rising of bitter water, with pain in stomach, and afterwards dryness of throat (after one hour),^{5c}.—Rising of hot bitter water, in the afternoon (third day),^{5c}.—Gulping up of sour, bitter water,^{5c}.—Hiccough after dinner (second day),^{5a}.—Hiccough set in soon after dinner, and continued without cessation till 6 P.M.; after supper, again renewed,^{5a}.—[140.] Attack of hiccough, with shooting pain in forehead till midnight (after one hour),^{5a}.—**Nausea.** Nausea at stomach, with pain in forehead (after four hours),^{5b}.—**Stomach.** Sour stomach, with headache, as if it would burst; in evening, after supper, had to lie down; 11 P.M., increases in severity; an hour after, watery diarrhoea, with tenesmus; sour taste, with nausea, remained till sleep (fifth day),^{5c}.—Pain in stomach (after one hour),^{5c}.—Pain in stomach and abdomen (fourth day),^{5d}.—Pain in stomach, one hour after rising, with headache (second day),^{5c}.—Pain in stomach after eating, especially after dinner, with pain in the abdomen, worse by pressure, and feeling of great uneasiness; had to move about, as if he could not keep still (second day),^{5c}.—Pain in stomach after a meal (fourth day),^{5d}.—Pain in stomach after a light meal (ninth day),^{5d}.—Pain in stomach soon after dinner (fourth day),^{5c}.—[150.] Pain in stomach, with colic in abdomen and sensation as if diarrhoea would come on (second day),^{5c}.—Severe pain in stomach, as if from hunger, before dinner, which continues till dinner, and is partially relieved by eating (second day),^{5c}.—Sensation of fulness and hardness in stomach, as if filled with wind (third day),^{5c}.—Pressure in stomach, as if from wind (second day),^{5d}.—Soreness in pit of stomach, caused by the constant hiccough (after one hour),^{5a}.—Soreness in the region of the stomach on taking a deep inspiration, morning (second day),³.

Abdomen.—Hypochondria. Dull pain in the left hypochondrium, with sour eruptions (third day),³.—Feeling in left side, above spleen, as if it would drop down, worse when walking; disappears when sitting still (fourth day),^{5d}.—Sharp pain in the region of the spleen, worse on taking a deep inspiration (third day),³.—**Umbilical.** Pain in umbilical region one hour after eating, worse from contracting the walls of the abdomen (second day),^{5c}.—**General Abdomen.** [160.] Rumbling in bowels (fourth day),^{5d}.—Loud rumbling in bowels (second day),^{5d}.—Feeling as if diarrhoea would come on, with rumbling in bowels (after five hours),^{5h}.—Strange but not unpleasant sensation in bowels, as after diarrhoea,⁴.—Strange but not unpleasant sensation in the bowels, as after diarrhoea, all the time since the stool became more hard and natural,^{4a}.—Feeling of emptiness in abdomen, at the umbilicus (second day),^{5d}.—Pain in abdomen, in evening and at night (second day),^{5d}.—Pain, as from a fulness in abdomen, soon after a light dinner (second day),^{5d}.—Colic, on waking; at 5 A.M., then watery stool, with tenesmus (sixth day),^{5c}.—Colic during stool (fourth day),^{5d}.—[170.] Severe cutting colic before stool (second day),^{5c}.—Colic-pain at 4 A.M., better after a watery stool, having had no passage for

two days (eighth day),^{5c}.—*Hypogastrium and Iliac Region*. Yellow-brown spots on lower part of abdomen, about genitals (tenth day),^{5d}.—Severe colic in lower part of abdomen (after one hour),^{5d}.—Pain in abdomen, low down, in evening (second day),^{5d}.—Pain in left groin and small of back (sixth day),^{5d}.

Rectum and Anus.—*Rectum*. Burning in rectum during stool, and continuing long afterwards (second day),^{5c}.—Pressing in the rectum (second day),^{5d}.—*Anus*. During the whole day, constant dropping of blood from the anus, none with the stool; has often had some bloody marks on his feces (first day),¹.—Pressure towards the anus, increasing till stool (second day),^{5c}.—*Urging*. [180.] Urgent desire for stool, with slight cutting in abdomen; while walking, desire worse than when standing still (after five hours),⁴.—Tenesmus after stool (after six hours),^{5b}.

Stool.—*Diarrhœa*. Stool twice per day (before, only once),^{5a}.—A profuse stool, watery, spouting; in an hour, another stool (after five hours),⁴.—Stool at 9 A.M. and at 9 P.M.; the former small and hard, the latter small, soft, painless (third day),^{5d}.—Soft diarrhœic stool, with tenesmus and colic (second day),^{5c}.—*Large stool, soft, thin* (diarrhœic), with much tenesmus, and severe colicky pain in lower part of abdomen during stool, as if the bowels would protrude, and aching pain in sphincter ani, which continued for an hour after stool (after six hours),^{5b}.—Stool at 4.30 P.M., soft, with stinging pain during and after for some time (second day),^{5d}.—Stool at 4.45 P.M., with cutting pain in abdomen before stool and pressing in rectum (fourth day),^{5d}.—Stool at 9 A.M., natural, but small in quantity (fourth day),^{5c}.—[190.] Stool more natural (third day), and becomes in a few days quite hard and natural, which has not been the case for three years,⁴.—*Instead of several soft stools during the day, one well-formed in the evening (first day),¹.—*Constipation*. Small stool, with tenesmus, at 4 P.M. (second day),^{5d}.—Small hard stool (fifth day),^{5d}.—Stool at 4 P.M., small, hard, having had none for two days (second day),^{5c}.—Stool small and hard (third day),^{5d}.—Stool small and hard, at 10 P.M., with sensation of scratching in rectum (second day),^{5c}.—Small, dry, hard, lumpy stool at 11 P.M. (third day),^{5b}.—Stool scanty and hard (after fourteen hours and a half),^{5d}.—No passage for two days,^{5c}.

Urinary Organs.—*Urethra*. [200.] Pain in the urethra, with the emissions,¹.—Burning in urethra during micturition (second day),^{5c}.—Acute pain in the urethra while standing, with a bruised feeling in the back and loins towards the latter part of the day,³.—Smarting in end of urethra during micturition, lasting but a short time after (second day),^{5c}.—Frequent desire to urinate,^{5c}.—Constant desire to urinate every twenty minutes, all the forenoon, after drinking coffee (earlier than usual), with discharge of much pale urine; continues for five days, always worse in forenoon (second day),⁴.—*Micturition*. Urinates often and of smaller quantity (third day),².—Passes urine often and in small quantities (second day),^{5c}.—Passed much smaller quantity of urine, but often, every two hours; had to rise in the night to urinate (fourth day),^{5a}.—Frequent passing of small quantities of light-colored urine (third day),^{5b}.—[210.] Urine frequent and scanty, with flocculent sediment and *strong pungent smell*,^{5d}.—Scanty urine (fifth day),^{5d}.—Urine scanty and light-colored (second day),^{5c}.—Urine scanty, and greasy pellicle on it (second day),^{5d}.—Scanty urine, which after standing has a greasy pellicle on it (second day),^{5d}.—Less urine, and more saturated,².—*Urine*. Urine more yellow (fourth day),^{5a}.—Urine deep-red, with flocculent red sediment after standing (second

day),^{5c}.—Greasy pellicle on the urine (seventh and eighth days); with yellow flocculent sediment (ninth day),^{5d}.—Sediment of yellow-red flocks in the urine, which are in little clots after two hours' standing (third day),^{5c}.

Sexual Organs.—[220.] *Impotence and emissions without erections,¹.—Severe pain in the right testicle, continuing a few moments; better after passing urine, 10 A.M., three hours after second dose (second day),².—More sexual desire in the morning,¹.—Emissions with partial erections during sleep (fourth day),^{5d}.—*Emissions without erections* (eighth and ninth days),^{5d}.—During a nap in the evening, lying on his back on the sofa, seminal emission, with a dream unusually particular and vivid; in a married man of 50 years (first day),¹.—Awoke at 4 A.M. with pollution (second day),^{5b}.—*Seminal emissions at night, with headache,¹.

Respiratory Organs.—**Larynx.**—Stitching pain in the larynx, in the front region, forenoon (first day),³.—The pain in the larynx returned at 9.30 A.M., with a warm sensation through the whole body, and with flushes of heat and much perspiration, forenoon (second day),³.—**Cough and Expectoration.** [230.] Coughing, with soreness of throat and rawness when hawking (seventh and eighth days),^{5d}.—Short hacking cough, with frequent expectoration of a quantity of red blood, which, from the sensation felt, comes from the larynx (fourth day),³.—Expectoration of thick tough mucus, mixed with blood; scratching sensation in the throat, feeling also as if something had lodged in the throat, inducing swallowing, morning (third day),³.—Copious expectoration of frothy white mucus with lumps in it, about 9 A.M. (fourth day),^{5d}.—Profuse expectoration, in morning, of white mucus, with little bubbles of air in it, worse in open air (fifth and tenth days),^{5d}.—Several mornings in succession, raising of much thick tough mucus, mixed with a considerable quantity of red blood, with a sensation of fulness and pressive pain in the larynx, accompanied by a sensation of scratching and rawness, with occasional burning pains and a disposition to keep the jaws closed tightly; the above sensations are increased by pressure, empty deglutition, and cold water (fourth and following days),³.—Hawking and spitting of much thick white mucus (third day),^{5a}.—**Respiration.** Frequent sighing,^{5d}.

Chest.—Occasional deep stitches in the lower part of the chest, mostly on the left side, on taking a deep inspiration (third day),².

Back.—Pain in back, on sitting down after rising (second day),^{5c}.—[240.] Backache, as if he could not straighten himself (seventh day),^{5c}.—Backache, worse all morning (seventh day),^{5c}.—Backache, with seminal emissions,¹.—*Pain in the back, increasing while sitting (similar to Zincum),⁴.—*Pain in the back while sitting, better on walking or lying down,⁴.—**Dorsal.** An indefinite pain on either side of the dorsal spine, similar to that felt in the chest, when it is said "the food has lodged" (third day),².—Pain between shoulders, in lumbar region, and small of back (second day),^{5c}.—**Lumbar.** Pain in small of back when sitting, going off when rising and walking, or lying down (second day),^{5c}.—Severe pain in small of back, in evening (thirteenth day),^{5d}.—Severe pain in small of back, with pain in head, at 6 P.M. (second day),^{5c}.—[250.] Severe pain in small of back, after dinner, with aching pain in knees, and below (fourth day),^{5a}.—Severe pain in small of back, worse when sitting (second day), better when lying down (third day),^{5d}.—Severe pain in small of back, partially relieved by lying down, not by standing (after twenty-one hours and a half),^{5d}.—

Aching pain in small of back, felt most when sitting (second day),^{5a}.—
*Pain in the small of the back, always while sitting,^{1,4}.

Extremities in General.—Objective. Trembling of the limbs (fifth day),^{5d}.—Trembling of the limbs, especially the legs (third day),^{5b}.—Jerks in limbs, when falling asleep (after three hours),^{5c}.—Weakness and weariness of the limbs.²—**Subjective.** Great weariness of the limbs, from walking,^{5c}.—[260.] Bruised pains in the limbs, especially in the joints; morning (third day),³.—Bruised pain in all the limbs, afternoon (first day),³.—Stitching pains, here and there, in the arms, legs, etc., (third day),³.

Superior Extremities.—Aching pain in the wrist-joints, with occasional stitches (third day),³.

Inferior Extremities.—Tired feeling in legs (second day),^{5a}.—Aching in both legs, half way between thighs and knees, on the front side (in muscles), (second day),^{5d}.—**Hip.** Bruised pain in the left hip, in the region of the trochanter major, which was worse on motion, and better by rest, morning (third day),³.—**Thigh.** Stitching shooting pain from the region of the liver down to the thigh, 3 P.M. (first day),³.—**Knee.** Weakness of knees, after exercise (fourth day),^{5d}.—Weakness of knees after a little exercise (second day),^{5c}.—[270.] Excessive weakness of the knees, as if they would not support him (second day),^{5d}.—Aching of knees and lower extremities (seventh day),^{5c}.—Aching in knees, with itching of skin on the external side,^{5c}.

General Symptoms.—Objective. Weakness of body, especially the limbs, (second day),^{5d}.—Had to lie down (after nine hours),^{5a}.—Restlessness, and go to sleep late,^{5b}.—**Subjective.** A very remarkable feeling of being unusually well (first and following days),¹.—Languor, in evening, with aching of knees (fifth day),^{5d}.—Languidness; disposition to lie down; flushes of heat along the legs (third day),³.—Weak, weary feeling in the whole body, especially the limbs (second day),².—[280.] Soreness and bruised pain in the whole body; no disposition to move, morning (second day),³.—Aching when sitting (third day),^{5b}.—Aching of the bones (second day),^{5c}.

Skin.—Objective. Eruptions, Dry. Pimples on back of left ear, near top (third day),^{5d}.—Number of painless pimples on nose (second day),^{5c}.—Pimples on shoulders, pit of stomach, and buttocks, which bleed easily when scratched,^{5c}.—Pimples on the nates; they bleed when scratched (second day),^{5c}.—**Eruptions, Moist.** Appearance of vesicles on the right side of the neck, having an inflamed base, containing watery lymph, being sore to the touch, disappearing slowly, leaving tenderness for a long time afterwards (third day),³.—**Eruptions, Pustular.** A boil begins on right side of chin, and suppurates (after ten days),^{4b}.—A small boil comes out on the right forearm, on which three weeks previous there had been several (fifth day),².—**Subjective.** [290.] Much itching, all over, when getting warm in bed,^{5c}.—Itching of left side of nose (after twenty-one hours and a half),^{5d}.—Intense itching of left side, internally, in evening (second day),^{5c}.—Much itching on the shoulders (second day),^{5c}.

Sleep and Dreams.—Sleepiness. Much yawning (fourth day),^{5d}.—Much yawning, all day (second day),^{5c}.—Frequent yawning (second day),^{5d}.—Incessant yawning (second and third days),^{5c}.—Gaping, after dinner; languid feeling of the whole body (fourth day),³.—Great drowsiness, in the evenings,³.—[300.] Position in sleep, bends head down on left arm, and sleeps on left side, while ordinarily on right side (fifth day),^{5d}.—*Distressing drowsiness, in the evening,¹.—**Sleeplessness.** Wakeful-

ness; can do with less sleep,^{4b}.—Difficulty in going to sleep (sixth day),^{5d}.—Cannot fall asleep, in the evening; but a few hours of sleep are satisfactory, and he wakes up early (30th potency),¹.—Falls into a light sleep, about 1 o'clock at night, with tossing about (after three hours),^{5c}.—Sleep disturbed,^{5d}.—Frequent waking with fright, could not tell for what (after three hours),^{5c}.—Sleepless, with lewd dreams when sleeping (unusual),^{5b}.—Sleep unrefreshing (third day),^{5d}.—[310.] When rising felt unrefreshed, as if he had not slept enough, morning (second day),³.—Awake with wide-awake feeling (fifth day),^{5d}.—Awoke earlier than usual, at 6.30 A.M., with wide-awake feeling (second day),^{5d}.—**Unrefreshing sleep*,¹.—*One formerly used to rise early, who now had for a week distressing drowsiness in the evening, slept from ten to eleven hours without intermission, all night, and was still hardly able to get up in the morning; after Cobaltum is immediately able to be up and awake in the evening, and rise at five o'clock in the morning, feeling as well as ever,¹.—**Dreams.** Sleep, with many dreams (second day),^{5d}.—Sleep disturbed by dreams,²; (fourth day),^{5d}.—Sleep much disturbed by dreams, not vivid or remembered, but making sleep unrefreshing, causing headache, which lasted all day (third day),².—Lewd dreams,^{5d}; (after three hours),^{5c}.—Lewd dreams and emissions,^{5c}.—[320.] *Sleep disturbed by lewd dreams*, and frequent (three) copious emissions, with partial erections (sixth day),^{5d}.—Awoke at 6 A.M., with lewd dreams and pollution, with pain in end of urethra (second day),^{5c}.—Dreams of having the *back part* of the hair cut,^{5c}.

Fever.—Chilliness. General chilliness, with yawning (after nine hours),^{5a}.—Chilly, from 11 to 12 A.M. (second day),^{5d}.—**Heat.** Fever and sweat, from 12 to 2 P.M. (second day),^{5d}.—Warm sensation through the whole body, with flushes of heat and much perspiration,³.—**Sweat.** A sourish sweating of the feet, with an odor like sole leather, like what he had years before, reappears, and is most between the toes (first day),¹.

Conditions.—Aggravation.—(*Morning*), Dullness, etc., in head; headache, etc.; when rising, headache; *after rising, pain in forehead*; pain in temple, etc.; pain in occiput; bad taste in mouth, etc.; mucus in throat; *when rising, dry throat*; when hawking, sore throat; one hour after rising, pain in stomach, etc.; on taking deep inspiration, soreness of region of stomach; at 5 o'clock, colic; *expectoration of mucus*; sexual desire; backache; pains in limbs; pain in hip; soreness, etc., in body.—(*Forenoon*), Head feels dull, etc.; headache; pain in temple; desire to urinate; pain in larynx; from 11 to 12 o'clock, chilliness.—(*Noon*), Pain in head; headache, etc.; headache in occiput.—(*Afternoon*), From 1 to 8 o'clock, pain in head; slight headache; rising of water; pain in limbs; from 12 to 2 o'clock, fever, etc.—(*Evening*), Pain in eyelids; pain in ear; hawking of mucus; after supper, sour stomach, etc.; *pain in abdomen*; pain in small of back; drowsiness.—(*Night*), Pain in abdomen.—(*Open air*), Headache in occiput; pains in eyes; lachrymation, etc.—(*Bending forwards*), Pain in head.—(*Cold air*), Lachrymation, etc., in eyes; pain in teeth.—(*Cold water*), Sensation in larynx.—(*Contracting walls of abdomen*), Pain in umbilical region.—(*After dinner*), Rising of water in mouth; pain in small of back, etc.; gaping, etc.—(*After eating*), Especially after dinner, pain in stomach; pain in umbilical region.—(*Deep inspiration*), Pain in region of spleen; stitches in chest.—(*Light*), Pains in eyes.—(*After a meal*), Pain in stomach.—(*Mental excitement*), *The sufferings.—(*Motion*), Pain in temples; pain in hip.—(*Pressure*), Sensations in larynx.—(*Rising from seat*), Pain in top of head, etc.—(*In room*), Headache.—(*Sitting*), Pain in back; *pain*

in small of back; aching.—(*Sitting down after rising*), Pain in back.—(*While standing*), Pain in urethra.—(*Standing still*), Desire for stool.—(*Stepping*), Sensation in brain.—(*Stooping*), Pain in forehead.—(*During stool*), Feeling in head.—(*After stool*), Colic.—(*Empty swallowing*), Sensation in larynx.—(*Walking*), Headache; feeling in side.—(*Writing*), Pains in eyes.

Amelioration.—(*Open air*), Headache.—(*Discharging phlegm from throat*), Generally much relief.—(*Eating*), Pain in stomach.—(*Lying down*), *Pain in back; *pain in small of back*.—(*Rest*), Pain in hip.—(*When sitting still*), Feeling in side disappears.—(*Walking*), *Pain in back; *pain in small of back*.

COCA.

Erythroxyton coca, Lam.

Natural order; Linææ (suborder, Erythroxyloæ).

Preparation, Tincture of leaves.

Authorities. 1, Rauch, aged 45, took 2d dec. dil., first day; 1st dil., second day; 2d dil., third day (from Dr. Clotar Muller's compilation, Hom. Viertljrschft., 7, 443); 2, Reichenbach, aged 35, took 2d and 1st dec. dils.; 3, same prover took tincture, 10 to 60 drops; 4, Kallenbach, aged 27, took 50 drops of tincture at one dose; 5, Dr. Muller, aged 38, chewed a leaf and took 2 and 3 drops of tincture; 6, same prover, second proving, chewing two leaves and taking 5 to 60 drops of tincture; 7, R. H., aged 26, chewed four or five leaves at different times for eighteen days; 8, Hermine Pekarek, girl, aged 9½, took 10 and 15 drops tincture, repeated doses; 9, Poppig, effects of infusion, etc., "Journeys in Chili and Peru;" 9 a, Archibald Smith, from Poppig's "Journeys;" 10, Tschudi, general effects observed in Coca chewers; 11, Dr. Frankl, effects of infusion, A. H. Z., Mon. Bl., 1, 48; 12, Stokes, provings with tincture, 10-drop doses, M. Hom. Rev., 3, 163; 13, Drysdale and Stokes, effects of chewing leaves, *ibid.*; 14, Isaac Ott, proving with 1 drachm of leaves at each meal, first day; 2 drachms, second day, Phil. Med. Times, March, 1879; 15, Berridge, proving with C. M. (Fineke), N. Am. J. of Hom., N. S., 3, 505; 16, Berridge, provings with 21st dil. and 3 drops tincture, from Hering's monograph; 17, Croker, proving with 21st dil., *ibid.*; 18, Sarah A. Ferguson, took infusion, *ibid.*; 19, Carl Haller, from *ibid.*; 20, Caroline Lebeau, *ibid.*; 21, Lilienthal, took tincture, 3d and 30th dils., *ibid.*; 22, Montegazza, from *ibid.*; 23, omitted; 24, Pope, effects of chewing leaves and of infusion, *ibid.*; 25, Ray, effects of 21st dil., *ibid.*; 26, omitted; 27, Scheibler, effects of 21st dil. and tincture, *ibid.*; 28, Safford, provings, from *ibid.*; 29, Searle, from *ibid.*; 30, Addie Williams, effects of tincture and infusion, *ibid.*; 31, omitted; 32, Weddell, from *ibid.*; 33, omitted; 34, Johnston, Chemistry, from *ibid.*; 35, omitted; 36, Scherze, "Journeys," from *ibid.*; 37, Schlechlenal, from *ibid.*; 38, W. R. Scott, from *ibid.*; 39, "H.," from *ibid.*; 40, N. N., from *ibid.*; 41, A. Haller, from *ibid.*; 42, George Gassett, from *ibid.*; 43, A. Marvaud, effects of chewing leaves, of cold infusion, and of subcutaneous injection of Cocaine, from "Aliments d'Epargne," p. 360, et seq.; 44, experiments of Demarle, from last author.

Mind.—**Emotional.** Brain excited,¹²—Gentle excitement, followed by wakefulness (from weak tea),³⁴—Pleasant excitement, with following sleeplessness,¹⁹—A peculiar aberration of the intellectual faculties, characterized by hallucinations,³²—Excited fantasies, wonderful visions, now

indescribably beautiful and wonderful forms, now frightful images,¹⁰.—Passion for solitude,⁹.—Desire to isolate one's self,^{9a}.—In the evening, while writing, the child groans, with irregular or difficult breathing,⁸.—Lively mood, inclination for mental work (first day),¹¹.—[10.] After he felt perfectly healthy again, his spirits remained excellent, in spite of depressing circumstances,⁷.—Felt very much elated,¹².—Felt something like expectation,¹².—Mental depression (eighth day),¹⁸.—Depressed and weary in the evening (fifth day),².—Sadness,^{9a}.—The sadness and dejection of mind of the Indians in the Peruvian Andes ought not to be ascribed to the use of *Coca*; on the contrary, the *Coca* is the only thing to rouse them, at times, out of their stupidity,¹⁹.—When lifting anything, fear lest I should let it fall, in the morning (sixteenth day),¹⁵.—Great apprehension (seventh day),⁷.—Great apprehension, with violent palpitation (ninth day),⁷.—[20.] Very irritable (fifth day),².—Woke this morning early, feeling ill-humored because the light came in strongly through the blind, which I had to darken. Afterwards dreamed that I was relating some joke to some friends, at which we all laughed; I actually laughed in my sleep, but on being woke immediately, could only recollect part of the joke (seventeenth day),¹⁵.—Very morose mood,^{9a}.—General obtuseness of feeling (chronic symptom of chewers),⁹.—They turn phlegmatic while under the influence of the leaves; the most important, even dangerous, event cannot frighten them out of their state of rest,¹⁹.—During the periods of enjoyment, the phlegm of the chewer is marvellous; no degree of urgency or entreaty will move him; under the influence of the *Coca* the chewer is heedless of the thunderstorm which threatens to drown him where he lies, or the roar of approaching wild beasts, or of the smoking fire which creeps along the grass, and is about to suffocate or scorch him in his lair,³⁴.—Mood changeable, mostly very morose; irresolute, false, and deceitful characters,¹⁰.—The disposition is very changeable; they are mostly very wayward, but notwithstanding the sad condition, they yield on the first opportunity to an unbridled passion for brandy,⁹.—**Intellectual.** Can, while in a condition of mental excitement, write quite freely and correctly,²².—From 7 to 10 A.M., *felt like work*; after that, a dull frontal headache, lasting the rest of the day (second day),¹⁸.—[30.] Aversion to concentration of thought upon any one thing,²⁸.—Not in humor to study or read journals; lazy and sleepy (first day, 9 P.M.),²¹.—Dull apathetic condition,¹⁹.—Brain feels so muddled that he cannot read French journals understandingly; must look in dictionary for words usually familiar to him (fourth day),²¹.—Slow in finding the words to express himself at times (first day),²⁷.—³Mind much clearer; spirits much better,²⁵.

Head. — Confusion and Vertigo. Confusion of the head (twelfth day),³.—Confusion of the head in the morning; relieved after washing and drinking coffee,⁸.—Confusion of brain, vertigo in forehead, disposition to sleep, want of appetite, low-spirited, about 5 or 6 P.M., indoors (second day),²⁵.—Vertigo (second day),³.—[40.] Vertigo, whirling (eighteenth day),³.—Vertigo on rapidly ascending steep steps, followed by diarrhoea once (after two hours),².—Vertigo while walking, with sensation as though the body were drawn to one side (seventh day after 30 drops),⁶.—Vertigo, lasting half an hour, relieved by rest and by a glass of wine,².—Vertigo and dizziness (fifth day),³.—Slight vertigo on moving in the open air; objects seem to turn, lasting one hour,¹.—Transient vertigo while sitting still, and once afterwards when rising from sitting (fifteen minutes after 40 drops, eighth day),⁶.—Vertiginous feeling, preventing literary

labor for about an hour,¹³.—When the head was bent forwards in writing, transient feeling of giddiness, which seemed to proceed from occiput forwards, on left side; in five minutes another similar but slighter symptom, 7.30 P.M. (eighth day),¹⁶.—**General Head.** Head very clear,¹².—[50.] Headache,^{9a}.—Headache is excited from sleeping near heaps of dried leaves,⁹.—Headache followed tablespoonful doses in two hours from first dose, abating somewhat before second dose, present all the afternoon, left at evening (fourth day),¹⁸.—Headache, leaving after eating, returning in three hours and a half, and leaving at sunset (third day),¹⁸.—Headache began at 10 A.M., relieved by walking in open air, but returned upon going indoors (fifth day),¹⁸.—(In afternoon (indoors), headache; afterwards, soon after commencing walk in open air, headache in upper part of forehead for a short time), from heat of weather (one hundred and fifty-third day),¹⁶.—Headache in the afternoon (as if catarrhal, with cold feet and unusual nrging to stool (second day),³.—Headache and giddiness,²².—Headache increasing (7 P.M.), especially over right eye; burning of the eyes (seventh day),²¹.—Headache, with chilliness (third day),⁵.—[60.] Frequent headache,¹⁴.—(About 1 P.M. (indoors), slight headache; afterwards, when walking in open air (it was raining), pain sometimes in right temple, sometimes in forehead; lessened or removed by standing still; after coming indoors, dull pain in forehead, sometimes in right half, sometimes left, sometimes all over forehead), (one hundred and thirty-eighth day),¹⁶.—Rather severe headache (after two hours),⁷.—(In afternoon, dull headache; afterwards, when walking in open air (it was a warm day), frontal headache, worse at each step, not lasting long, from the hot weather), (one hundred and fifty-second day),¹⁶.—Very slight dull headache after rising (twenty-eighth day),¹⁶.—Fulness of the head, like after drinking wine, 4 P.M. (first day),²¹.—**Forehead.** Fulness in forehead, as if the brain were heavier in that region (first days),²¹.—Fulness of forehead; dull feeling over the whole brain; slight shooting pains in right temple; sensation of tension over forehead, as if an india-rubber band were stretched over it (seventh day),²¹.—Fulness and pressive pain in forehead, although he sits near the open window, with aggravation towards 9 P.M. (sixth day),²¹.—Frontal fulness of the head; the letters swim together on reading; eyes feel heavy (fourth day),²⁰.—[70.] Severe pain deep in the left side of the forehead, like a pressing asunder, on coughing or on pressing at stool (fourth day),⁴.—Severe headache just above the eyes (seventh day),⁷.—Frontal headache, next above the eyebrows, not constant, increased by elevating the head and turning the eyes up,²⁸.—Dull frontal headache, which vanished with the setting of the sun, followed by a state of mental exhilaration,¹⁸.—Dull frontal headache, relieved somewhat upon walking a mile, returning upon going indoors, with a heavy feeling of eyelids, 9 A.M. (after one hour),¹⁸.—Slight pressive pain in the forehead (fourth day),⁴.—Sensation as if a band was stretched over forehead, from temple to temple (ninth day),²¹.—**Temples.** (Pain in both temples when walking quickly in the hot sun, lessened by standing still; after coming indoors, a pain for a minute or so in coronal region; after this had gone, pain in right temple on shaking head from side to side; afterwards, when lying down, pain in anterior part of top of head, and also other parts not particularly noticed; these pains soon went off), 12.50 P.M. (one hundred and thirty-fifth day); from the heat of the weather,¹⁶.—Sudden pain about region of left temple, quickly passing off; 10.45 A.M. the same; 9.30 P.M. (sixth day),¹⁶.—Dull pain over left temple (first day),²¹.—[80.] Pressing pains in right temple,

as if a nail was driven in, and the old dull, pressing, frontal headache again, especially over right eye (nineteenth day),²¹.—Slight pressing pains in left temple, with dulness of head, half an hour after taking a dose (fourth day),²¹.—Headache in the morning in the right temple, sharp on first rising, and all day, whenever looking up; the pain darts from the temple in a straight line to the top of the head, and leaves a sore feeling behind; hurts through this same place when coughing (tenth and eleventh days),³⁰.

—**Parietals.** When blowing nose, a sudden pain extending over anterior portion of right side of head, soon passing off, 9.50 P.M. (second day),¹⁶.—Rather painful pressure on sides of head,¹².—Pressive headache on the right side and in the occiput, and somewhat weaker on the right side of the forehead, with chilliness and vertigo (eighteenth day),³.—Throbbings in right side of head for a minute or so at 3.15 P.M. (fifteenth day),¹⁵.—Throbbing in right side of head for a minute or two at 9 P.M. (tenth day),¹⁵.—**Occiput.** Pain in lowest part of occiput when yawning; the pain sometimes prevented the completion of the yawn (one hundred and sixth day),¹⁶.—(About 6.10 P.M., when running in open air, pain in occiput felt at every step; afterwards, pain there when walking for a minute or so), from hot weather (one hundred and fifty-ninth day),¹⁶.—[90.] Headache in the occiput (nineteenth day),³.—After waking from the midnight nap, the phantasms had disappeared, but on attempting to read, drawings commenced in the occiput, and extended to the temples (this condition lasted the whole afternoon), (fourth day),³.—Pressure in the occiput (second day),³.—Headache in fresh air changed to the occiput, as if it were held from ear to ear in a vice (first day),²⁰.

Eye.—Eyes hollow, surrounded by deep violet-brown circles.¹⁰.—He was chewing a leaf, in the corner, with staring eyes fixed upon the ground, automatic motion of the hands, and some dull groaning,¹⁰.—Slight discharge of mucus from the right, and also somewhat from the left eye, during the day (second day after 10 drops),⁶.—Pain in the eyes (fourth day),³.—Pressure in the eyes (ten minutes after chewing the leaf), (ninth day),⁷.—The eyes become very sensitive; reading cannot be endured long; some are troubled with slight headache, while others suffer from nausea and various disorders of the digestive apparatus, which may be compared with sea-sickness,⁹.—**Brow.** [100.] A boring pain over the right eye,²⁸.—Sensation as if something were beating over the eyes (first day),⁷.—**Lids.** Heaviness of eyelids (fifth day),¹⁸.—Disposition on the part of the upper lids to fall, without being sleepy (ninth day),²¹.—**Lachrymal Apparatus.** Lachrymation of the right eye, with slight redness of the conjunctiva and of the lids at the inner canthus, in the morning (after 10 drops),⁶.—**Pupil.** Dilates the pupils; renders the eye intolerant of light (after large doses),³⁴.—Widens the pupils, and lessens the sensitiveness to light,¹⁹.—**Vision.** Momentary blackness before the eyes (such as he had formerly experienced in summer heat, on going from sunlight into a dark room), on ascending stairs (three hours after 40 drops, eighth day),⁶.—*Great photophobia, with dilated pupils*,¹⁰.—Letters swim on the paper (after ten minutes),⁷.—[110.] It is impossible to continue reading because the letters run together; fiery points float before the eyes downward (seventh day),⁷.—It seems as if he were writing with two pens (after ten minutes),⁷.—Flickering before the eyes (after ten minutes),⁷.—Slight flickering black points before the eyes, towards 4 P.M., while reading (eighth day),⁶.—Fiery points flit before the eyes (after ten minutes),⁷.—Bright flash, like distant sheet-lightning, before eyes in the dark, at 11 P.M. (tenth day),¹⁵.—Appear-

ance of flames before the eyes, by paroxysms, similar to distant heat-lightning (after two hours),³.—The appearance of flames before the eyes returns in the evening (second day),³.—White spots before the eyes, so that the book from which I was reading seemed mottled white (fourth day),³.—White spots, and glittering tortuous lines before the eyes, on going out after eating, with great weariness, lasting an hour (eighteenth day),³.—[120.] Vision of colors and floating of sparks from before downward (soon after chewing the leaf, ninth day),⁷.—Small bits of thread, about an inch long, which he has seen habitually hovering up and down before eyes, morning, in bed, or when looking into the light of the sun, or on the white wall of the room, paper, or white curtains, have become smaller and more indistinct (third day)^c; more perceptible again (fourteenth day)^c. After *Camphor*, instead of the floating threads, only one small dark spot the size of a lentil, floating before his eyes,²⁷.

Ear.—Objective. Discovered accidentally, when washing, an excess of wax in right ear, easily removed by the towel, 7 A.M. (seventy-sixth and ninety-second days),¹⁶.—**Subjective.** Sensation of deafness in both ears, although everything is heard as distinctly as usual; still there is a constant sensation as though there were something in the ears which caused deafness (first day),^c.—Slight earache in right internal ear for a few minutes (in church), 7.20 P.M. (thirtieth day); (indoors), 1 P.M. (ninety-third day); an aching pain in right internal ear, and, to a less extent, in right mastoid process for a few seconds, then in ear, only for a few seconds more (sixty-fourth day),¹⁶.—During loud reading in the room there was a sensation as though the tympana were pressed outward by the tones, or as though the tones first entered the ears through a thicker medium (second day),⁴.—**Hearing.** Hearing painfully acute, during evening,¹².—Pulsation and dull roaring in both ears, in the forenoon (second day),⁴.—Audible pulsation in both ears (first day),⁴.—Cracking in both ears, on empty swallowing (second day),⁴.—[130.] Singing in the left ear, for several minutes (first day),⁴.—Severe ringing in the ears; did not hear though one knocks three times at the door; when one speaks it seems as though the voice came from a great distance (seventh day),⁷.—Violent ringing in the ears (first day),⁷.—Violent roaring in the ears (after two hours),⁷.

Nose.—Objective. Sneezing several times (after three-quarters of an hour), (second day),¹.—Sneezed after rising, and in evening (twelfth day); later days occasionally indoors,¹⁶.—Running of clear water from nose, and occasionally sneezing, without having properly a coryza as he usually has it; (weather warm and showery; the same next day), (nineteenth day),²⁷.—Flowing from the nose of clear water, occasional sneezing, feeling of soreness in left nostril, from 6 A.M. till 5 P.M., when in the draught, though not subject to colds (twenty-second day),²⁷.—Clear watery flow from nose, with small specks of blood on blowing nose (after inhalation),²⁷.—Increased nasal mucus (forty-first day), indoors (forty-second day), and out of doors, in morning; scarcely any excess in, afternoon or evening; at one time, in morning, heat in nose (indoors), (forty-third day),¹⁶.—**Subjective.** [140.] In early morning, in bed, feeling of heat and irritation in right nostril, as from catarrh (eighty-fifth day); in whole nose, especially the left nostril, before and after rising (eighty-seventh day),¹⁶.—In part of evening, indoors, nostrils feel rather hot internally, as after catching cold; nasal mucus less (forty-second day); later days, 6.40 A.M., heat and irritation in left nostril, as from a cold,¹⁶.—In evening, irritation as if from taking cold; in the

night, 9 o'clock, wakened by running from nose,¹⁶.—During day, felt a soreness in nostrils, especially left; weather warm; after *Camphor*,²¹.

Face.—Paleness of the face,¹.—A kind of chlorosis develops; the bilious color first noticed gives place to a leaden hue,^{9a}.—**Checks.** Burning redness of cheeks, first left, then right, with white spots in the centre of latter (sixty-fifth day),¹⁸.—Pressive pain in the right malar bone (first day),³.—**Lips.** Pale lips and gums, with green blunted teeth,¹⁰.—About 10.45 A.M., slight burning in left upper lip, where the mustache grows (fifty-first day),¹⁶.—**Lower Jaw.** [150.] Soreness in left lower jaw, just above submaxillary gland; worse on talking, and especially by eating solid food on that side (second day),²⁵.

Mouth.—Greenish and stumpy teeth,³⁴.—Toothache in a hollow tooth (fourth day),⁷.—**Tongue.** Tongue coated (twenty-first day),³.—At tip of tongue, towards right side, an appearance of a vesicle that had broken, with a red circle around it; tongue there feels sore occasionally, when eating, touching it, and at other times; at first, the soreness was as if it had been scalded with hot tea; then more like a sore place (one hundred and first and one hundred and second days); well next day,¹⁶.—Cocaine causes a numb feeling on the tongue,¹⁹.—**General Mouth.** A swelling inside right lower lip; a few days after, a similar swelling inside left cheek, at upper part, nearly opposite first upper molar; sometimes rather painful when eating (sixtieth day), flattened on two sides (that next the cheek, and the opposite one), with a thin border; red, with a whitish patch at tip on the side next cavity of mouth, as if from pus; not so painful (sixty-third day); feels smaller, somewhat semicircular; apex more pointed; getting smaller (after sixty-four days); nearly gone (eighty-sixth day),¹⁶.—**Dryness of mouth on waking**, about 6.45 A.M., gone in half an hour (sixty-third day); 7.30 A.M., again after a short sleep (on one occasion, with mouth open), (eighty-ninth day); soon after waking (ninety-third day); immediately on waking (about 7 A.M.), mouth and lips, removed by breakfast (one hundred and tenth day); with disagreeable taste (one hundred and twenty-fourth day); still dry (one hundred and fifty-fourth day),¹⁶.—Cool feeling, verging on numbness, in the mucous membrane of the mouth and throat, similar to that after taking strong *Aconite* into the mouth,²⁹.—Slight burning in mouth and throat, with increased thirst, set in,²².—[160.] Fresh leaves burn in the mouth, like *Cantharides*,³⁶.—Mouth and palate felt as if burnt with pepper, in morning,¹².—Swollen sensation in the arches of the palate, which made swallowing difficult, with at times tickling, causing cough, returned as in a former proving,⁶.—**Saliva.** Increased flow of saliva, first of a bitterish, later of an aromatic taste (after chewing 1 drachm of the leaves),²².—**Taste.** Mouth out of taste, for two hours; 3.30 P.M., again, on rising; going off after drinking cold water (seventy-eighth day),¹⁶.—Taste slimy (fourth day),³.—Salt taste at tip of tongue, 4 P.M.; about 9 P.M., transient on anterior portion of right side (twenty-ninth day); during morning, again (thirtieth day). At tip of tongue, 2.45 P.M. and at 3.50 P.M.; at 7.40 P.M., over a larger portion of extremity, then on the right side of anterior part till about 9 P.M.; eating a gingerbread removed it awhile; again removed by supper, but again returned (forty-third day),¹⁶.—Bitter taste on waking in morning, lasting only a short time; afterwards an unusual flow of water from nose,²⁷.—Bitter taste in mouth, for a minute or so, about 7.15 A.M. (tenth day),¹⁹.—Bitter taste on right half of tongue, for about a minute, at 12.45 P.M. (second day),¹⁵.—[170.] Bitter taste on right side of tongue, at 6.40 P.M. (fifteenth day),¹⁵.—

Insipid, grapy taste of the infusion,⁹.—Water tastes burnt (twelfth day),³.—Butter tastes like herring (ninth day),³.

Throat.—Sensation of dryness in the throat (after two hours),⁷.—Soreness at back of throat on rising (thirteenth, nineteenth, and forty-first days),¹⁶.—Scraping in the throat, with swollen uvula; this caused frequent hawking and expectoration of mucus (second day),⁶.—Tickling at back of throat, on rising (forty-third day),¹⁶.—*Hawking up of small, transparent lumps of mucus, chiefly in morning (third day), third proving.²⁷.—**Tonsils and Uvula.** The uvula became long and red (from chewing the leaves),⁶.—[180.] Pain on swallowing, as from soreness and swelling, in a small spot on the right side of the uvula (seventh day),⁶.—Sensation of dryness in the throat; an unpleasant sensation on swallowing, as if swollen (second morning),⁶.—**Fauces and Pharynx.** By a slight cough, loosened and swallowed some mucus from back of pharynx, 8.20 P.M. (ninety-first day),¹⁶.—3 o'clock A.M., dreamed he was trying to remove mucus from pharynx by hawking; on waking, in midst of dream, found himself doing so; could not succeed by coughing or hawking; voice hoarse; cold water did not affect the throat in any way (ninety-sixth day),¹⁶.—Great dryness of fauces,²⁷.—Feeling as if some mucus were at back of pharynx, not removed by coughing or hawking, 11 P.M. (eighty-ninth day); still there, 8.27 (ninety-first day); gone, 8 (ninety-second day),¹⁶.—At back of pharynx soreness and feeling of obstruction, not removed by coughing or hawking, with hoarseness, early morning (eighty-ninth day); after rising (eighty-ninth and ninetieth days), a slight cough loosened mucus; brought up a piece of green mucus (ninety-first day). Tickling or kind of soreness when talking (the same, one hundredth day); slight cough loosening mucus (ninety-first day); after rising (ninety-second day), not removed by coughing or hawking up, which however loosened; the cough caused soreness,¹⁶.—Tickling at left side of pharynx when talking, 8.45 A.M. (one hundred and thirty-sixth day),¹⁶.—When talking, tickling at back of pharynx towards left side (ninetieth day),¹⁶.—**Swallowing.** Difficulty in swallowing; the uvula is swollen, without special redness (second day),⁶.—[190.] Pain on swallowing, with great swelling of the uvula, on waking in the morning (third day),⁶.

Stomach.—Appetite. Appetite increased for last few days (one hundred and thirty-second and one hundred and thirty-fifth days),¹⁶.—Great appetite (after three hours),⁶.—Sudden voracious appetite, especially for animal food, contrary to usual habit,⁹.—Great hunger; dinner was eaten with appetite, even at 11 A.M., though less was eaten than on the preceding day, when he had no special hunger (sixth day),³.—Morbid hunger, even to swallowing animal excrements; chronic symptom of chewers,⁹.—Longing for food, although the abdomen was somewhat distended in the epigastric region, as from an overloaded stomach (second day),¹.—Indians, after chewing all day, not eating any food, ate at night like hungry men, and sometimes at a single meal swallowed as much as would serve others two days,³².—Appetite diminished; could not take his usual moderate quantum of food,¹².—Slightly diminished appetite,¹⁴.—[200.] Great diminution of the usually vigorous appetite; chewing the leaves suspended the sensation of hunger; though eating one-half less than usual, his weight did not diminish, nor the capacity to endure labor,²⁹.—Little appetite (fourth day),³.—Very little appetite the first week, especially for meat, of which I was usually most fond (fifth day),³.—Loss of appetite,⁹.—Loss of appetite, with speedy satiety (twenty-first day),³.—Want of appetite; weak digestion, and

nervous irritation, with headache,^{9a}.—Drinking the decoction at 3 or 4 o'clock P.M., it has invariably and totally deprived him of all appetite for dinner, and of his rest at night; under these circumstances he always passed the night in reading or writing; he felt no fatigue or hunger on the following morning,²⁴.—Retards approach of hunger (taken as tea),³⁴.—Enables the body to feed upon itself, without the hunger-pains and weakness usually accompanying prolonged abstinence from ordinary food,³⁴.—*Very little need for nourishment, even during heavy work, with remarkable vigor*,¹⁰.—[210.] Did without food for full forty hours, and the next food taken was then exceedingly well digested,²².—Indisposed for food; ate very little dinner, and no tea or supper,¹².—No relish for food (first day),⁷.—No desire for dinner, in spite of which much was eaten with relish (second day),⁵.—*Great satiety, without longing for nourishment, for a long time*,¹⁰.—Appetite extremely irregular, for the aversion to all food is often suddenly followed by an insatiable craving, especially for animal food,⁹.—Appetite extremely irregular; aversion to all food is soon followed by the most ravenous hunger, especially for animal food,^{9a}.—Sometimes aversion to all food, with sudden voracious appetite, especially for animal food,⁹.—*Thirst*. Thirst; drank about half a tumbler of cold water between 8 and 9 P.M. (third and tenth days),¹⁶.—Great thirst (seventh day),⁷.—***Eructation and Hiccough.*** [220.] Eructations, with heaviness in the stomach and constant desire to eructate, lasting three hours (thirteenth day),⁶.—Eructations several times after his usual coffee (after one hour and a half),¹.—Loud eructations, without taste or unpleasant sensation in the stomach (after 10 drops),⁶.—Many eructations (second day),⁵.—Many eructations of air, without taste, recurring every quarter of an hour (after one hour),⁶.—Slight eructations after dinner (second day),¹.—Slimy eructations,³.—Repeated painless hiccough, following a tepid shower-bath taken after supper, hiccough going off soon after lying down in bed (first day), again when eating sandwiches about 12 M. (sixteenth day),¹⁶.—***Nausea and Vomiting.*** Slight nausea,¹³.—Great nausea after breakfast (after four hours),⁷.—[230.] Slight sick feeling before supper, removed by it; had little appetite (eighty-fifth day),¹⁶.—Violent vomiting, very slimy water, without bitter or sour taste, at 6 P.M. (first day),⁷.—Distension of the stomach and continued gulping and desire to eructate, returning after dinner and lasting till evening (thirteenth day),⁶.—Increase of digestive powers,³⁷.—Digestion goes on with great activity,²².—Digestion became extraordinarily good and continued so,¹².—Debility of digestive organs at first seems to be slight uneasiness, soon reaches a frightful intensity,⁹.—Dyspepsia (nineteenth day),³.—Dyspepsia, with tasteless eructations, nausea, and great weariness (eighteenth day),³.—Satisfied, comfortable feeling in stomach, as after a meal taken with a good appetite,²².—[240.] After breakfast, emptiness; again after a long walk (one hundred and sixth day),¹⁶.—*Feeling of emptiness of stomach*, as if from want of food; about 8 A.M., before breakfast, removed (sixth day); again (seventy-seventh day), 6 A.M. (in bed), fell asleep; on waking at 7, it was gone; again, 10 P.M., after having a good meal a short time before; removed by some strawberries, soon returning; when reading intently did not notice it, but at 11 P.M., on leaving off reading, I felt it again; (on the one hundred and sixteenth day), after rising, removed by breakfast, for which he had not much appetite; (one hundred and seventeenth day), 7.30 A.M., after rising, removed by breakfast; in morning before rising (one hundred and nineteenth day); soon after rising, going off before breakfast (one hundred and nineteenth and one hundred and

twenty-second days); (one hundred and thirty-first day) about 8.30 A.M., renewed by breakfast,¹⁶.—Peculiar sensation of emptiness in the stomach and abdomen (four hours),⁶.—Painful contracted sensation in the stomach, with a pain in the left side, something like a so-called stitch in the spleen (after fourth hour),⁶.—An intense gnawing, hungry sensation, at the pit of the stomach,²⁸.—Sensation of fullness in the epigastric and mesogastric regions (after two hours and a half),¹.—A sensation of gastric fullness and repletion, as after a very full meal, continuing several hours, followed by a total disinclination to eat or sleep, for a period of twelve or twenty-four hours, depending upon the quantity of the leaves taken,²⁴.—When walking, a pain about region of cardiac end of stomach, gradually increasing; would have amounted to a cutting pain; after standing, 4 P.M., it went off, returning during a walk, soon (first day),¹⁶.—Pricking pain in a spot about the cardiac end of stomach, when sitting indoors, 7 P.M.,¹⁶.

Abdomen.—*Hypochondria.* Bilious affections appear, with their numerous tormenting sufferings, common under a tropical sky; obstinate constipation, jaundice, headache, debility, emaciation,⁹.—[250.] Intense pains in region of liver; biliary affection; gallstones frequent and severe,³⁸.—*General Abdomen.* Abdomen distended, tense, tympanitic,¹.—Abdomen very much distended (eleventh day),¹.—Abdomen very much distended, in the evening (third day),⁷.—Rumbling in the abdomen, with passage of flatus after five minutes, and continuing more or less throughout the day (second day),¹.—Repeated rumbling in the abdomen, as from flatulence, with eructations without taste or odor (two hours and a half),¹.—Gurgling in the ileum, extending after ten minutes to the ascending and descending colon (after twenty minutes),¹.—Peculiar gurgling in the abdomen, with sensation of emptiness (second day),⁶.—Constant urging of flatulence, without passage of any,¹.—On two occasions flatus from bowels, having the smell of burnt gunpowder, 8 A.M. (ninetieth day),¹⁶.—[260.] Passage of flatus and urging to stool (after forty-five minutes),¹.—Profuse passage of odorless flatus, relieving the colic and the rumbling in the abdomen,¹.—Cutting-drawing gnawing pain in the small intestines, with rumbling, commencing early in the morning, reaching its greatest severity about 9, and lasting till about 11 o'clock, relieved by rapid walking and after eating something, but returning after half an hour; the pain was relieved by repeated pressure in the mesogastric region,¹.—Colic renewed after a cup of chocolate,¹.—The colic is very much aggravated after taking coffee, continues throughout the day till 5 P.M., then disappears after drinking cold beer,¹.

Rectum and Anus.—Wakened from sleep by great urging to stool; stool copious, solid (first night),⁷.—Urging to stool in the afternoon, followed by diarrhœa (sixth day),⁸.—3 P.M., had urgings to stool, but evacuated only a slight quantity of clear watery mucus, with a few brownish small floccs swimming in it (second day),²⁷.—Urging to stool, followed by hard, scanty stool, with sensation as if the sphincter was paralyzed,¹.—Plagued the whole day with desire to stool, and sulphuretted hydrogen flatulency (seventh day),²¹.—[270.] No desire for stool at the usual time in the morning; no evacuation the whole day, notwithstanding every effort; awoke at 11 o'clock at night, with great urging to stool, followed by an abundant, firm evacuation,³⁹.

Stool.—*Diarrhœa.* Teaspoonful mushy diarrhœa, 2 P.M. (fourth day); four stools during the early afternoon, without pain; stools different from his habitual looseness; stopped taking *Coca*, and had natural stools (fifth and

sixth days),²¹.—Large diarrhœic stools, without pain anywhere, also frequent urination of large quantities; had to get up three times at night to pass water,²⁰.—Two natural stools (in the afternoon and evening), (eighth day),⁶.—A motion rather more abundant and looser than usual, and having more smell, 11 A.M. (second day),²⁷.—A stool of moderate quantity, with urging, looser, more smell than usual, and a soreness in the anus while passing it, 2 A.M. (third day); later, more natural, indicating a quicker and more perfect digestion, almost inodorous, remaining so,²⁷.—Soft stool voided with difficulty; looser stool; smells more; sensation of looseness in the bowels, as if diarrhœa were about to set in, with very slight gripings, 5 P.M. (second day),²⁷.—Thin stool (nineteenth day),³.—Stool thinner than usual, followed by continued urging, lasting three minutes, without further effect (after one hour),¹.—Very pressing motion, with urgings, almost as abundant as usually after breakfast, 1 P.M. (second day),²⁷.—[280.] Natural stool after dinner, but dark (one hundred and first day),¹⁶.—After dinner, natural stool, perhaps somewhat less than usual (one hundred and tenth day),¹⁶.—The fœces lose by degrees their stercoral odor, but the peculiar odor of the Coca is to be detected in them,²².—**Constipation.** Constipation is of so frequent occurrence that, from its prominent character in the disease of Coca chewers, it has been called *Opilacion*,⁹.—Stool delayed (first day),⁷.—Daily evacuation delayed for three hours,¹².—Evacuations not so regular, drier than usual, partly in small lumps, and inodorous (nineteenth day),²⁷.—Though the evacuation was soft enough and well formed, there was difficulty in voiding it,¹².—Expulsion, with more than usual difficulty, of small lumps of fœces (after Magnesia),²⁷.—After breakfast, stool rather less than usual, and *dark*; after dinner, somewhat scanty stool, but not dark (ninety-fifth day),¹⁶.—[290.] Fœces darker and rather less than usual, and in small pieces (sixty-seventh day),¹⁶.—*Stool after breakfast*, scanty, dry, in small lumps, like walnuts (sixty-sixth day); same after natural desire, with considerable effort (eightieth day); latter portion like walnuts (eighty-second day); scanty, difficult; at first in small pieces; with the straining slight pain, apparently in right spermatic cord or testis (one hundred and tenth day),¹⁶.—Quantity of fœces reduced in bulk about one-third, drier, more consistent, in smaller lumps, ejected with little effort, and without any smell; the paper used is never stained (first day); (fourth day), usual morning stool does not take place; vain endeavors to effect it; later, more constipated, less regular (eighth day),²⁷.

Urinary Organs.—Urethra. Fine stitches in the female urethra before urinating; urine normal (third day); again in the evening (eighth day),³⁰.—A desire to urinate frequently, with increased flow of urine,²⁸.—**Micturition.** Rose at night to urinate, as he had to do constantly a long time ago, but not lately, *and it ceased after the proving*,¹⁶.—Rose to urinate at night often, during the fourth, fifteenth, nineteenth, twentieth, twenty-first, and twenty-third weeks, particularly after midnight, towards morning, or early in the morning, often in the fifteenth week, and the next following,¹⁶.—Quantity of urine decreased 47.60 centimetres,¹⁴.—**Urine.** Urine dark-brown (first evening),⁷.—Urine has an unbroken film all over its surface, iridescent in certain lights, with an appearance like fissures in it, mapping it out, and a flocculent, pale sediment floating at the bottom seen through the film (one hundred and twelfth day); 6 P.M., before dinner (one hundred and twenty-third day),¹⁶.—[300.] Urine acid, smelling like perspiration,¹¹.—Urine passed at night formed a cloud in a short time, which by morning gathered into little bits like crumbs of bread, swimming at the

bottom of the vessel,²⁷.—Urine, with a yellowish-red sediment adhering to bottom of vessel, and a flocculent precipitate floating there, after standing all night (one hundred and sixty-eighth day),¹⁶.—Urine of the night has a pale orange-colored, somewhat flocculent, sediment, chiefly collected in one spot (eleventh day), is dark when passed (eightieth and eighty-first days), with a dusky-reddish sediment adhering to vessel, turbid (even when passed) after standing, with an oily-looking film on surface (eightieth, eighty-fourth, and ninety-eighth days); more after standing all night, less of the day urine,¹⁶.—Quantity of urea decreased 2.0101 grammes; of chloride of sodium 3.4167 grammes; of sulphuric acid .2948 gramme; of free acid .6945 gramme. Quantity of phosphoric acid increased .0090 gramme. Microscopically there was found in the urine an abundance of octahedral crystals of oxalate of lime, of all sizes,¹⁴.

Sexual Organs.—**Male.** Weakness of the genital organs, commencing as an indefinite sick feeling, followed by "bilious troubles," with their thousand tormenting complaints, especially constipation, jaundice, and numerous symptoms of disturbances of the nervous system,^{2a}.—It is looked upon by the natives as a sure aphrodisiac; in two cases there was an observed after-effect on the genital functions,²².—During the night, seminal emission, with voluptuous dreams; sleep restless, broken,²¹.—**Female.** Menses delayed for two days; come on about noon; got very profuse during the night, with some pain in the lower part of the abdomen; not in a steady flow as usual, *but in gushes, awakening from sound sleep* (tenth day); after drinking the infusion morning and evening for a whole week,³⁰.

Respiratory Organs.—**Larynx and Trachea.** Irritation in larynx during afternoon, exciting cough, while sitting quietly in the room; gradually ceasing after coughing from fifteen to twenty times,⁴⁰.—[310.] Tickling and irritation to cough, in the trachea and larynx, at 2 P.M.,¹.—Frequent tickling in the larynx, causing a short dry cough, when smoking (fourth day),⁴.—**Voice.** Hoarseness of voice, first in the evening (eighty-eighth day); all day (eighty-ninth day); less 9 A.M. (ninetieth day); again in the evening (ninetieth and ninety-first days); and soon after rising, last in the morning (ninety-eighth day),¹⁶.—Hoarseness, with tickling in the upper part of the trachea, and some cough (tenth day),³⁰.—**Cough and Expectoration.** *A tickling cough would cause a tingling* (one hundred and forty-fourth day),¹⁶.—Much dry cough, in the evening, in bed, as from catarrh of the air-passages,¹.—Cough in the morning, with expectoration of tenacious thick whitish-yellow mucus, as in chronic catarrh; with dryness of the throat and mouth, and thirst,¹.—Occasional slight cough, indoors (forty-second day); sometimes preceded by tickling at back of throat (forty-third day); with expectoration, which was swallowed, 11 P.M. (eighty-eighth and eighty-ninth days); during morning (ninetieth day),¹⁶.—Evening, in open air, rather cool wind, paroxysm of coughing; afterward, frequent cough, usually preceded by tickling at back of pharynx, sometimes followed by soreness there, and loosening of mucus, fluent coryza in right nostril; indoors very slight (ninety-fifth day); when walking in hot sun 4 P.M., short paroxysm of coughing (ninety-sixth day),¹⁶.—Expectoration, after rising, more abundant than usual, and starchlike, and more difficult to hawk up,²⁷.—[320.] Expectoration of small lumps, like boiled starch, which he has had for some time, immediately after rising in the morning, (second day); decreases, and is almost gone (fourth day),²⁷.—**Respiration.** Abominable breath,²².—No want of breath on climbing up hill,⁴¹.—Difficulty in breathing, with palpitation of the heart, and a not un-

pleasant weariness of the whole body, as after a great exertion, continuing even in bed (seventh day),⁶.—Shortness of breath and slight oppression on ascending a height (one hour after 30 drops, seventh day),⁶.—The oppression and shortness of breath, especially on ascending a hill, continued three or four days, but on the fifth and sixth days there was no oppression and no shortness of breath, even on rapid walking or ascending a height,⁵.—Incessant dyspnoea, a pressure upon the whole chest, with constant desire to take a deep breath, as if thereby something could be breathed away (after 40 drops, eighth day),⁶.

Chest.—Great freedom in the chest and in the whole body; feels very fresh and vigorous, with desire to walk rapidly and a long distance, although it is very warm and sunny (first day),⁶.—Heaviness on the chest, obliging him to take a deep breath frequently; it is neither painful nor unpleasant on walking or ascending steps (second day),⁶.—Heaviness and dyspnoea in the chest, in the forenoon while walking; sometimes a distended painful sensation on the chest, though impeding the breathing very little (from chewing the leaves),⁶.—[330.] A peculiar heaviness in the chest and shortness of breath in the evening, while walking slowly (seventh day after 30 drops of the tincture),⁶.—A painful heaviness in the chest, with a constant need to take a very deep breath, continuing while sitting still after walking, with sensation as if the lungs were too much distended (seventh day),⁶.—Dull pains just below clavicles, continuing all day (ninth day),¹⁸.—Unusual fulness of the chest, stomach and abdomen, in the afternoon (second day),⁵.—Shortly after 12 P.M., one-half teaspoonful, a sensation of compression in the chest, in the region of the short ribs (first day),²¹.—Oppression of the chest (after two hours and a half),¹.—Oppression of the chest (after four hours),⁷.—Much oppression of the chest, shortness of breath, especially on ascending steps,⁵,†—Soreness in upper lobe of lungs (sixth day), continuing all day (eighth day),¹⁸.—**Sides.** Pain beneath the first and second false ribs of the left side while walking (second day),⁶.—[340.] Slight stitches in right chest, near the sternum, about the fourth rib (seventh day),²¹.—Transient stitches in the left lung, between the third and sixth ribs, aggravated by deep inspiration (after one hour and three-quarters),¹.—Stitching pains under left clavicle, at 12 M.; same pains under right clavicle, 4 P.M. (fifth day),¹⁸.

Heart and Pulse.—**Heart's Action.** Palpitation of heart,²².—Violent palpitation of the heart (second day),⁷.—Nervous palpitation of the heart, he frequently had, but not lately (fourth day),²¹.—**Pulse.** After an infusion of the leaves, pulse became much accelerated, beats of the heart being nearly quadrupled,²².—Pulse remained weak and accelerated until night (first day),¹.—Pulse slightly increased during the first three hours,¹¹.—Pulse increased from 70 to 134, with this also, a peculiar noise in the ears,²².—[350.] After 18 drachms in one day, his pulse rose to 134, and while in the height of delirium, he expressed fully, in writing, his feelings in the presence of several attending colleagues,²².—Results quite similar to those observed after the use of Caffein, viz. (after about ten minutes), a slower and smaller pulse, with increased arterial tension; as may be seen by the subjoined tracings (see Plate I, Figs. 1 to 9),⁴³.—Normal pulse was 80; under Coca, it sunk to 72, in forty minutes; and to 68 in

† This prover formerly suffered from difficult breathing, especially on ascending steps.

Plate I.

TRACINGS FROM COCA; MARVAUD, ALIMENTS D'EPARGNE.



Fig. 1.—Normal pulse of man aged 28.



Fig. 2.—Five minutes after 60 grms. of an infusion of 15 grms. of Coca to 200 grms. of water.



Fig. 3.—After fifteen minutes.



Fig. 4.—*Second experiment.* Normal pulse.



Fig. 5.—Fifteen minutes after infusion, as before.



Fig. 6.—*Third experiment,* man aged 35. Normal pulse.



Fig. 7.—Fifteen minutes after infusion, as above.

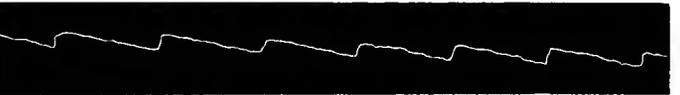


Fig. 8.—*Effects of Cocaine.* Normal pulse.



Fig. 9.—Fifteen minutes after subcutaneous injection of 5 millegrammes of Cocaine pulse 56.

one hour and a half,⁴⁴.—Normal pulse 76; after ten minutes, 64; after one hour, 60; during two hours, 68; all day, 72,⁴³.

Neck and Back.—Pillows felt hard to neck and head, at night, in bed,¹².—When bending neck down forwards, pain at upper part of back of neck (one hundred and sixth day); bending backwards or forwards, pain in muscles of left side of back of neck, as if strained, 10 P.M. (one hundred and twenty-eighth day),¹⁶.—In morning, during expiration, rather more forcible than usual, sudden rather sharp pain in right lumbar region, when standing (one hundred and thirty-eighth day),¹⁶.

Extremities in General.—Pain in the limbs, often relieved for a short time by the outbreak of boils,^{9a}.—Aching of the limbs, for a short time relieved by the appearance of furunculi,⁹.

Superior Extremities.—**Arm.** Occasional pain in left deltoid; sudden in right deltoid, on using it, as if it had been strained, 9 A.M. (twenty-third and thirty-sixth days). In morning, pain for a short time about insertion of deltoid, on moving right arm by that muscle (one hundred and sixty-first and one hundred and sixty-second days). On raising or lowering left arm, pain in deltoid, as if it had been strained, 10 P.M., and during night lying on right side (fourteenth, fifteenth, sixteenth, and seventeenth days); better (eighteenth, nineteenth, and twentieth, again twenty-sixth day). 4 to 5 P.M., pain in right arm, just about insertion of deltoid, felt on raising the arm or lowering it, after having raised it; 4 P.M. (one hundred and fifty-second day.) In morning, on lowering the arms, often on holding the arms clasped above the head, sudden pain in lower part of right deltoid, as if sprained; also, for a few minutes afterwards, on raising and lowering the arm, by means of that muscle (one hundred and sixty-fifth day),¹⁶.—**Forearm.** [360.] Pain in the muscles of the forearm and along the border of the radius, on moving or pressing upon it, as from a violent blow; this pain lasted the whole day and became a very violent feeling, as if the place must be red and blue, though nothing could be seen (twelfth day),⁶.—Great pain in bones of left forearm, as if broken, worse by raising or stretching out the arm, so that he was scarcely able to use it, or to take hold of anything with the left hand, for two days (tenth day),²⁷.—**Hand.** On borders of hand lame pain; afterwards several of the symptoms, *e. g.*, the urinary symptoms, the waking on back, the emptiness of stomach, etc., continued to return at times (after one hundred and sixty-eight days),¹⁶.—**Fingers.** Painful lameness in the fourth and fifth fingers of the right hand the whole day, especially noticed on stretching out the fingers or grasping anything, without external painfulness (third day); the next day this lameness became more located in the abductor of the little finger, and consisted of severe pressure with painfulness deep in the flesh, as after a blow or great exertion,⁶.—On washing, a deadness of little finger of left hand, with sensation of great enlargement of the same; further, a sound as from a middle-toned ringing bell; both symptoms lasting but a short time (sixth day). Deadness of right little finger, on waking in the morning, passing off in a few minutes (nineteenth day). Again, on waking from siesta (seventeenth day),²⁷.

Inferior Extremities.—On one or two occasions, slight staggering to the left (one hundred and forty-sixth day),¹⁶.—A weak trembling sensation in legs,²⁸.—**Hip.** A stitching pain on right hip, with weakness in walking (first day); stitches running towards the bowels (fourth day),²¹.—**Thigh.** Walking in open air, a sudden momentary pain in right buttock, almost preventing the movement for a moment, 5 P.M. (eighty-first

day),¹⁶.—A dull severe pain in left leg, from hip-joint to knee,²⁸.—[370.] Walking in open air, occasional stinging in muscles at back of left thigh, inner side, above knee-joint, 5 P.M. (eleventh day),¹⁶.—**Knee.** In about six hours, aching pain in anterior portion of right knee, shooting down tibia to foot, after getting warm in bed, lasting till he fell asleep (six hours after taking the drug),²⁵.—**Leg.** Awaking last night, cramp in right calf, calf painful on pressure and when walking during the day (thirty-second day); again, 4 P.M. (fifty-first day), or while lying on the back with leg extended, sudden in left calf; slightly when sitting with knees bent, evening (eighty-fifth day); and in morning on going down stairs, when stepping with left foot (eighty-sixth day),¹⁶.—Left calf feels painful, as after a cramp, occasionally, on going down stairs or walking, or putting the calf muscles in action (one hundred and fifth and one hundred and sixth days),¹⁶.—**Ankle.** 1.45 P.M., when lifting up right leg in the act of running gently, a sudden transient but painless feeling, as if the right ankle-joint had given way or become loose (forty-first day),¹⁶.—4 P.M., when running gently in open air, sudden momentary feeling of weakness in left ankle-joint, as if it had given way (one hundred and twenty-ninth day); near 4 P.M. (one hundred and thirtieth day),¹⁶.—Right ankle feels sprained and weak when standing on right foot, this morning and last night (seventeenth day),¹⁵.—**Foot.** After taking globules (4 P.M.), very much fatigued in the feet, for some hours,²⁵.—The feet seem heavy with lead (seventh day),⁷.—One day pain in left instep, like dislocation; another day, a bruised pain in region of right hip-joint; both when walking,²⁷.—Sensation of straining in left instep, in the morning on getting up, during warm weather (twenty-first day); later when walking or when sitting,²⁷.

General Symptoms.—Objective. [380.] Weight of body increased one-eighth of a pound,¹⁴.—Retarded metamorphosis, diminution and prevention of the natural loss of tissues which attends every bodily effort; it lessens the waste of tissues,³⁴.—Power of muscles notably augmented,¹².—Aptitude for work increased,¹².—Active and vigorous the whole day (sixth day after 10 drops of the tincture, the previous night),³.—*Great physical vigor and great endurance, in spite of slight nourishment and little sleep*,¹⁰.—Cerebral functions stimulated; inclination for work, and especially for fatiguing bodily exertion; hurried and impatient movements; rapidity in writing. Could not stay in one place, must go out, and walk or run,⁴³.—General excitement of the nervous system, very similar to that caused by a mixture of coffee and brandy,⁴³.—Strongly excited imagination; increased desire for bodily exercise; hand trembles, can hardly write; trembling of legs, shiverings in back, and inability to keep still,⁴³.—Such a state of nervous excitement that he did not repeat the experiment (substituting it for the usual Chinese tea),^{9a}.—[390.] Unpleasant nervous excitement, so that he was unwilling to make a second proving,⁹.—Indolence (twelfth day),³.—Weakness, in the afternoon (nineteenth day),³.—The patient becomes weak and emaciated,^{9a}.—When jaundice occurs indications generally follow showing the shattered condition of the nervous system; the patient complains of headache, and other like sufferings, gets weaker, can scarcely take any food, and quickly becomes emaciated. This state is often succeeded by a kind of leucæmia; the bilious tint gives way to a leaden color; an incurable sleeplessness sets in,⁹.—Gait unsteady, tottering, with trembling lips, disconnected speech, dull apathetic mood,¹⁰.—Becoming old very early, with imbecility in old age,¹⁰.—Chewers finally die of general consumption,⁹.—Œdematous swelling, and afterwards ascites,^{9a}.—Partial œdema-

tous swellings arise and subsequently terminate in ascites, dropsy, death; also pain of the limbs, which are removed in a short time by the breaking out of boils,⁹.—[400.] Sudden jerking and waking from the usual short afternoon nap (eighth day),⁶.—Endeavors to get into the open air,²².—General restlessness (seventh day),²¹.—Involuntary, rapid walking, with the head inclined forward, with vertigo and dread of falling (transiently relieved by bouillon), (fifth day),³.—Uneasiness; blackish froth about the corners of the mouth,¹⁰.—Great uneasiness, discomfort, and loss of sleep,⁹.—When taken in the evening it causes great uneasiness, discomfort and sleeplessness; taken in the morning, its action is milder, causing loss of appetite,⁹.—Uneasy tossing about in bed; the child repeatedly puts the arms under the head; indistinct speech,⁸.—Though very sleepy, turned and twisted about all night, and awoke tired and heavy next day, with aching shoulders,¹².—Am incessantly turning about in bed; uneasy when lying on either side. Sometimes am afraid of losing my balance, and fancy myself carried off into space. I get up and walk the room with great strides; feel as if I could run for a long time. Am conscious all over of an indefinable buoyancy and flexibility. In a quarter of an hour, these feelings are usually succeeded by heaviness of the head, drowsiness, and desire for rest and quiet. I fully agree with Rossier's statement, that what is lacking, at this stage, is not the ability to move, but the inclination,⁴⁵.—**Subjective.** [410.] A kind of numbness, with a feeling of serenity, with retention of clear self-consciousness, and an instinctive desire to make no motions, not even to move a single finger, for an entire day. While in this condition there set in a sleep, full of strange quickly changing dreams, which could last an entire day without leaving any feeling of lassitude or restlessness,²².—Extraordinarily well, lively, and able to work, from morning till noon (second day),³.—Peculiar sensation of comfort, with slight pleasant warmth over the whole body, plainly starting from the stomach,¹¹.—Felt very buoyant on walking out in a dense chilling fog,¹².—*Great lightness while climbing a mountain, without any respiratory troubles*,¹⁰.—Felt stimulated after increased dose; constipation, slight movement in the evening (third day); bowels not moved at all; after taking infusion several times through the day still costive (ninth day),³⁰.—A peculiar, scarcely to be described feeling of increased strength, agility, and inclination to work, set in as the first indication of intoxication, which nevertheless differs entirely from the exaltation produced by alcohol,²².—After he got under the influence of 4 drachms, there set in a peculiar sensation of isolation from the outer world, and an irresistible inclination to feats of strength, so that he (who, when in a healthy condition, carefully avoided gymnastic exercises), with a cat-like lightness and certainty sprang upon the writing-table, without throwing over the lamp, or other fragile things standing there,²².—No desire for, or skill at work (second day),⁵.—Feel tired and weary; must exert myself to keep awake, although not sleepy, but feel as if I wanted to shut my eyes (seventh day),²¹.—[420.] Fearfully tired, especially on the ninth day,⁷.—Felt weary; no inclination to work (fifth day),¹⁸.—Weariness, with vertigo and headache, especially in the forehead and occiput, with chilliness (fourth day),³.—Weariness in the evening, followed by sleep, less on going to bed (fifth day),³.—Great weariness (fourth day),³.—Great weariness, in the evening (seventh day),⁷.—Uncommon weariness after a moderate walk (seventh day),⁶.—Extreme weariness, so that only by the greatest exertion was he able to finish his business (third day),³.—Feeling of weakness and sleepiness,¹.—After chewing the leaves, we uniformly experienced a dis-

agreeable sensation; aversion to food; feeling of fulness and heaviness in stomach, with dryness and even pain in throat,²⁵.—[430.] Rest indispensable to enjoy the effects of Coca; while riding on horseback, while walking or during manual labor, the Coca has very little influence,¹⁹.—When incapable any longer of the recumbent position, seeks alleviation by the side of the glimmering fire,⁹.

Skin.—Objective. In persons with a thin skin and fair complexion, hæmorrhage will take place from the surface of the body,⁹.—Some dark spots like ecchymoses under the skin, not elevated or painful, the largest about the size of a pin's head, on the contiguous sides of the first phalanges of the ring and little finger of the right hand, not affected by any pressure or washing. To-day I have also noticed three very minute similar spots on palm of right hand, also two similar spots close together on the ulnar side of the palmar aspect of the first phalanx of left little finger, near the base, also two very small similar spots on radial side of the second phalanx of the right little finger (sixty-fourth day); the largest red spots were on radial side of first phalanx of right little finger; spots on palm of right hand gone (sixty-eighth day); are on left hand, and some on right, removed by washing (sixty-ninth day); the last rubbed off to-day (seventieth day),¹⁶.—In the loose skin, between the left thigh and scrotum posteriorly, a small lump, slightly tender on pressure, and sometimes when walking; no external appearance (eighty-first day), less tender (eighty-fifth day),¹⁶.—**Eruptions, Dry.** After using for a number of days, on himself and others, there broke out a circumscribed erythema; on one an exanthema resembling herpes, around the eyelids,²².—A kind of nettlerash breaks out on several parts of the body or is limited to the lips, and occasions scabs, bleeding and insupportable pains,⁹.—Small pimples on the inner surface of the thigh; they itched very much during the night, so that he was obliged to scratch them until they bled (seventh to ninth days),⁷.—**Eruptions, Pustular.** On right cheek, close to *ala nasi*, a swelling, scarcely painful, even to pressure; rather hard, slightly apparent to sight, resembling one he had on the perineum, freely movable with the integuments of the part (one hundred and thirteenth day); getting smaller next ten days, then when pressing it, a slight discharge of pus mixed with blood, from an external hole just below it, repeating afterwards at intervals; getting smaller, two weeks; three weeks after, still to be seen; nearly gone in the fifth week,¹⁶.—During the expiration, after a deep inspiration, a kind of tingling in hands, usually in both, but not always in same place, particularly in palm of left hand; once in palm and back of right hand, and once it seemed to go down palm of right hand towards fingers; once in both hands, and only during the first expiration if deep inspirations were repeated; not influenced by the position of the hands; evening and morning, while feeling very warm; when getting cooler it disappeared,¹⁶.—[440.] Itching of front of throat (externally), not dispelled by scratching; it is a feeling of a fine rash coming out, 8 and 10 P.M. (after eight hours),¹⁷.—Violent itching on the seat, at junction of right thigh muscles with *gluteus maximus*; comes on again after scratching, is very sharp (first day, 2.20 P.M., after ninety minutes),¹⁷.

Sleep and Dreams.—Sleepiness. Frequent yawning,¹.—Frequent yawning, without weariness, the whole forenoon (after 40 drops, eighth day),⁶.—Frequent yawning and sleepiness while sitting (first day),⁶.—Repeated yawning after supper (one hundred and fifty-third day),¹⁶.—Transient sleepiness, followed by wakefulness, lasting till 4 A.M. (fifth day after

10 drops of the tincture),¹³.—Unusual sleepiness after twelve hours dispensary work,²⁷.—Extreme sleepiness at 5.30 P.M., could scarcely keep the eyes open long enough to write a few words, relieved for an hour and a half after coffee (third day),³.—Inveterate sleepiness,^{9a}.—[450.] Sleepy at 4 P.M. (third day),³.—Sleepy very early in the evening, was, however, unable to sleep, for in bed he became wide awake, with heat, violent throbbing of the temporal arteries until midnight (fourth night),².—More sleepy than usual, and tired at night (twenty-second day),²⁷.—More sleepy than usual, nevertheless can do with but four hours sleep in the twenty-four without feeling over-fatigued,²⁷.—More sleepy than usual after dinner, and late at night, when reading or writing,²⁷.—Great drowsiness, overslept about two hours beyond the usual time; after inhalations,²⁷.—Much more drowsy, apt to doze when sitting, and reading, or studying the *Materia Medica* at night, which is always a delightful occupation, keeping him awake generally till after 2 A.M. (twelfth day),²⁷.—After dinner, at 1 P.M., slept, and felt very sleepy till about 4 P.M. (one hundred and second day),¹⁶.—Overpowered by sleep after dinner, for an hour (fourth day),³.—Very quiet sleep (first night),⁶.—[460.] Deep sound sleep from evening till 7 P.M. (fourth night),³.—Slept sounder and later than usual (eleventh day),¹⁵.—Slept longer and sounder than usual in morning (second day); sleep the same up to fifth day,¹⁵.—*Slept later than usual in the morning* (fifty-sixth, fifty seventh, fifty-eighth, and sixty-second days),¹⁶.—*Can sleep better; is more ready to get up in the morning,²⁵.—**Sleeplessness.** It takes away the desire for sleep and the cravings of hunger; a person using it may go forty-eight hours without sleeping or eating,⁴².—Sleeplessness, even with such as do not take Coca in excess, but a chronic sleeplessness with old chewers, and a leaden skin,⁹.—Sleeplessness, but with desire for work the whole night (sixth night),³.—Loss of sleep in the evening (nineteenth day),³.—Loss of sleep, with flow of ideas at night in bed,³.—[470.] After going to bed he became quite wide awake, but had chilliness and vertigo, with fever, rush of ideas, with grief; loss of sleep till 2 A.M., followed by sweat and quiet sleep (eighteenth night),³.—Restless sleep the whole night, being awake off and on, but without any other symptom (first day),²¹.—Slept all night, but very restless and dreaming, and was in all her dreams hurried,³⁰.—During the proving, sleep somewhat disturbed,¹⁴.—Disturbed sleep, with frequent waking, unpleasant dreams, and constant perspiration,³⁹.—Woke on back, in the midst of a dream (forty-eighth day); had had many dreams, and woke once or twice on back (seventh, fourteenth, twenty-third, twenty-fourth, and fifty-second days); not more dreams than usual, not so many as before (ninth and fifty-eighth days),¹⁶.—Woke on back in morning (fifth day); and many dreams (sixth and eleventh days); twice (fifty-eighth day); woke in morning partly on back, after not so many dreams as before (tenth day),¹⁶.—Second day, woke once in night and once in the morning, lying on the back (fifty-second and sixtieth days),¹⁶.—Woke three times on back, or somewhat inclined to left side (one hundred and forty-fifth day),¹⁶.—Woke two or three times at night, or in morning on back after many dreams; tired on rising, not refreshed; this went away after breakfast, during a walk (third day),¹⁶.—[480.] *Woke once or twice in night lying on back*; from the second day, almost every night during second, third, seventh, eighth, twelfth, thirteenth, eighteenth, and twentieth weeks, and during fifth and sixth months of the proving,¹⁶.—Woke partly on back, many dreams, a slight pain in left deltoid (twenty-fourth day),¹⁶.—Rising from bed at 11 P.M. (being unable to sleep) and going to work, being quite awake; only now and then disturbed

by pressive pain in the eyes; this lasted till 2 A.M., and was followed by quiet sleep (third night),³.—Rose more than an hour before the usual time, read, then fell asleep in chair (one hundred and second day),¹⁶.—A sleep of three hours restored him fully from this Coca intoxication, and he could then attend to his daily business without the least feeling of indisposition, but on the contrary with an uncommon ease,²².—**Dreams.** Many dreams (first night),¹⁶.—Night dreamy, though he slept well and awoke fresh,¹².—Night dreamy and restless,¹².—All night through, incoherent dreams, not remembered,²⁷.—Dreams more than usual, vivid, and partly suggested by what he had read lately (ninety-seventh and one hundred and seventeenth days),¹⁶.—[490.] Dreams of great activity,¹².—Sleep full of active troubled dreams, notwithstanding which awoke lively and vigorous every morning for ten days after leaving off medicine,¹².—Vivid dreams of fighting, suggested by reading the "Fire Worshippers" a few days ago (seventy-third day),¹⁶.—Dreamed vividly that the medicine had caused the teeth and a piece of the jaw to become quite loose, so that one tooth and a piece of the jaw easily came out; further dreaming connected with this (seventy-eighth day),¹⁶.—Woke at 7 A.M., with a very vivid recollection of a dream, in which he held a beetle of the largest kind by the upper part of the body, in the agony of death, firmly grasped between the index finger and thumb, so that it could not hurt him, and wondered at the great power it exercised to get loose and bite him (second day),²⁷.—Dreamed of fighting for a levy with six or seven black generals, who at last succeeded in garroting him, binding him round with ropes, preventing his further defence, causing him great agony of mind (twelfth day),²⁷.—Dreamed he saw a recently deceased friend hanging dead by his legs before his eyes for hours (eighth day),²⁷.

Fever.—Chilliness. A slight lowering of the bodily temperature,⁴⁵.—Chilliness (third night),³.—About 10 P.M., when sitting indoors with a window behind my back open, chilliness, and afterwards shivering; the shivering continued after the window was closed, and also in the open air, going off with rather quick motion in open air. (The weather felt cold to me, though I had on rather a thicker coat than usual; my companion felt rather cold, though others found the evening warm at that time), (ninety-eighth day),¹⁶.—[500.] Chilly (fifth day),².—Felt very chilly all over, and inactive (second day),²⁵.—Felt quite cold the whole day (seventh day),³.—Chilliness in the head (seventh day),⁷.—**Heat.** Fever in the afternoon, with great prostration, relieved by wine (the relief continued until evening), (fifth day),³.—After three drachms of infusion, a feverish condition, with increased heat of skin,²².—Occasional slight heat in right chest, about middle near sternum, indoors, 1 P.M., and afterwards (fifty-first day),¹⁶.—Flashes of heat up the back, and burning across abdomen in flashes,²⁸.—Warm feeling in front of left thigh, at 1 P.M. (ninth day),¹⁵.—**Sweat.** Perspire freely and without exertion,²⁸.—[510.] Profuse sweat in the evening (ninth day),⁷.—Extremely unpleasant perspiration, offensive breath,¹⁰.

Conditions.—Aggravation.—(*Morning*), Fear; confusion of head; after rising, dull headache; lachrymation, etc.; flow from nose; early, in bed, feeling in nostril; on waking, dryness of mouth; feeling in mouth; on waking, bitter taste; on rising, soreness at back of throat; tickling at back of throat; hawking of mucus; on waking, pain on swallowing; at 8 o'clock, flatus from bowels; during forcible expiration, when standing, pain in lumbar region; on waking, deadness of little finger.—(*Forenoon*), Pulsation, etc., in ears; yawning.—(*Afternoon*), About 5 or 6 o'clock, indoors, confusion of brain, etc.; headache, etc.; about 1 o'clock, indoors,

slight headache; towards 4 o'clock, while reading, pains above eyes; bitter taste on tongue; fulness of chest, etc.; weakness; fever, etc.; at 10 o'clock, warm feeling in front of thigh.—(*Evening*), Depressed, etc.; towards 9 o'clock, fulness, etc., in forehead; flames before eyes; hearing too acute; abdomen distended; heaviness of chest, etc.; loss of sleep; sweat.—(*Night*), Itching of pimples on thigh; chilliness; at 10 o'clock, when sitting indoors, with window open behind back, chilliness.—(*Walking in open air*), Vertigo; during rain, pain in temple, etc.; paroxysms of cough.—(*Ascending steps*), Vertigo; blackness before eyes.—(*Bending head forward*), Giddy feeling.—(*Blowing nose*), Pain over side of head.—(*After breakfast*), Nausea.—(*Chocolate*), Colic.—(*Coffee*), Eructations; colic.—(*Coughing*), Pain in forehead.—(*After dinner*), Eructations; sleepiness.—(*Eating*), Spots before eyes; soreness in jaw.—(*Elevating head and turning eyes up*), Frontal headache.—(*Walking quickly in hot sun*), Pain in temples.—(*Deep inspiration*), Stitches in lung.—(*Indoors*), Headache; frontal headache.—(*Looking up*), Headache in temple.—(*Lying down*), Pain in top of head, etc.—(*Pressing at stool*), Pain in forehead.—(*Raising or stretching out arm*), Pain in forearm.—(*Running*), At every step, pain in occiput.—(*Shaking head from side to side*), Pain in temple.—(*Smoking*), Tickling in larynx.—(*Stepping*), While walking in open air, frontal headache.—(*Stretching out fingers or grasping anything*), Lameness in fingers.—(*After supper*), Yawning.—(*Talking*), Soreness in jaw; tickling in pharynx.—(*Walking*), Vertigo; pain in occiput; pain about cardiac region of stomach; pain beneath ribs; pain in instep; pain in region of hip-joint.

Amelioration.—(*Evening*), At sunset, frontal headache.—(*Open air*), All symptoms.—(*Walking in open air*), Headache; frontal headache.—(*Cold beer*), Colic.—(*Coffee*), Sleepiness.—(*After dinner*), All symptoms disappear.—(*After eating*), Headache; pain in small intestines.—(*Pressure*), Pain in small intestines.—(*Rest*), Vertigo.—(*Standing still*), Pain in temple, etc.—(*Rapid walking*), Pain in small intestines.—(*Washing, and drinking coffee*), Confusion of head.—(*Wine*), Vertigo.

COCCINELLA.

Coccinella septempunctata (*Chrysomela septempunctata*, Linn.).

Family, Insecta. Nat. order, Coleoptera.

Preparation, Tincture of the freshly crushed beetles.

Authorities. 1, Dr. Franz, Archiv. f. Hom., 13, 2, 187; 2, Dr. Sauter, Hufel. Journ., 14, 2, 91 (from Roth Mat. Med.).

Head.—Slight vertigo,².—Tensive pressure in the head of very brief duration,².—One-sided headache in the forepart of the head, tearing, fine sticking,¹.—Dull headache toward both temples and occiput, as if the brain would become enlarged or distended at these places (after three-quarters of an hour),¹.

Face.—Rush of blood to the face, like flushes of heat,¹.—Redness and heat of the cheeks, especially of the right,¹.—Tearing rhythmical with the pulse, extending from the right upper jaw to the lobule of the ear,¹.

Mouth.—**Teeth.** Sensation of coldness in all the teeth,¹.—Pleasant sensation of coldness in one tooth, when touched with the finger,².—[10.] Severe drawing, as though the teeth would be torn out, with a hacking in them, paroxysmal (after three-quarters of an hour),¹.—Rhythmical violent drawing in both rows of teeth, while eating,¹.—Paroxysmal drawing or

tearing, as if a tooth would be torn out,¹.—Jerking and tearing in one and tearing in the other teeth, with some stitches extending towards the occiput, and warmth through the whole head (after one hour and a half),¹.—Painful sensation in the back teeth, as if they were hollow and air was forced into them,¹.—Dull drawing in the upper back teeth, extending towards the right ear, while sitting (after half an hour),¹.—Knitting pain in the back teeth (after a quarter of an hour),¹.—Violent throbbing pain in the upper back teeth (after one hour),¹.—Pulselike jerking in the back teeth,¹.—**Gums.** Swollen gum,¹.—**Tongue.** [20.] Tobacco bites the tongue severely,¹.—**General Mouth.** Sensation of icy coldness in the entire buccal cavity,².
Conditions.—**Aggravation.**—(While eating), Drawing in teeth.—(While sitting), Drawing in back teeth.

COCCULUS.

Anamirta Cocculus, Wight and Arnott (*Menispermum cocculus*, Linn., *Cocculus Indicus*).

Natural order, Menispermaceæ.

Preparation, Tincture of the powdered seeds.

Authorities. 1, Hahnemann, R. A. M. L., 1, 160; 2, Baehr, *ibid.*; 3, Flüming, *ibid.*; 4, Gross, *ibid.*; 5, Haynel, *ibid.*; 6, Hornburg, *ibid.*; 7, Langhammer, *ibid.*; 8, Hartlaub and Trinks, *ibid.*; 9, Wohle, *ibid.*; 10, Amatus Lusitanus, *Cur. Med. Cent.*, iv., *Cur.*, 79, poisoning of a man by 4 grammes, *ibid.*; 11, Hill, *Hist. of Mat. Med.*, general account, *ibid.*; 12, Rumpfig, *Herb. Amboia*, v. 7, 18, general statement, *ibid.*; 13, Berridge, a patient took one dose of 200th, *N. Y. J. of Hom.*, 2, 460 (one symptom); 14, Berridge, effect of 30th sol., *N. Am. J. of Hom.*, N. S., 3, 501 (one symptom); 15, Schöller, *Æst. Woch.*, 1843, a lad twelve years old, took 2 scruples (*Fr. Mag.*, 1, 717); 16, Thompson, effects of application of infusion to porrigo of scalp, *Med. Examiner*, 1852; 17, Della Sudda, *Gaz. + Med. d'Orient.*, 1859 (*N. Z.*, 102, 168), effects of infusion taken for hæmorrhoids; 18, Dutzmann, *N. Z. f. H. Kl.*, 14, 136, a woman aged sixty, ate some berries; 19, Poma, *Gaz. Lomb.* (*Hirschel's Kl.*, 1871), a young man took some with suicidal intent. *

Mind.—**Emotional.** **Irresistible inclination to sing and tra la; a kind of mania*,¹.—Weeping,¹.—Cheerful and contented,¹.†—After a few hours, he became lively and jocose,⁶.—Frolicsome, contented, joyous; he became witty and jocose,¹.‡—Earnest and little concerned as to his own health; he is very anxious about others' sickness,¹.—Extremely earnest, after which he breaks out into complaints,¹.—Discouraged,¹.—**Constant sad thoughts, as though he had suffered an insult*,³.—[10.] She is absorbed in the saddest thoughts, and affronts sink deep into her heart,¹.—*Thoughts directed to an unpleasant object; she is absorbed in herself, and notices nothing about her*,¹.—Despairing mood,¹.—“Anxietas,”¹⁰.—Anxiety,¹; (after six hours, and third day),¹⁵.—Anxiety concerning the curability of a slight complaint, in the morning,¹.—**Anxiety, as if she had committed a great crime*,¹.—Great anxiety, as though he had done some evil (after twenty-nine hours),⁷.—Frightful anxiety, like a dream, which prevented every attempt to sleep,¹.—*Sudden excessive anxiety*,¹.—[20.] Hypochondria, especially in the afternoon,¹.—Overpowered with the most frightful fearfulness, which

† Curative action.—HAHNEMANN.

‡ In part curative action.—HAHNEMANN.

increased every second (soon after),¹⁵.—Excessive sensitiveness (after twenty-four hours),¹.—**Very sensitive mood; everything worries him*,¹.—Excessive irritability of mind, every trifle offends him,⁵.—Extremely inclined to be offended, the slightest trifle offends her (after one hour),¹.—She is offended at the slightest circumstance, often to weeping, with contraction of the pupils; after weeping, loss of appetite,¹.—Very much affected and offended by slight obliquities and untruths of others,¹.—Everything makes him angry and peevish,¹.—She is easily angered, takes everything in bad part (after twenty-four hours),⁴.—[30.] Great dissatisfaction with himself,⁶.—He has no desire, and takes pleasure in nothing,³.—No pleasure in anything, desire for nothing,¹.—Time passes too rapidly, several hours seem as short as one hour,⁴.—No desire to work,¹.—**Distracted (loss of memory); he easily forgets of what he has just thought*,⁴.—*She sits in deep thought*,¹.—Stupidly dumb (after six hours),¹⁵.—Stupefied (after six hours),¹⁵.—Overpowering stupefaction as from sleep, while awake (coma vigil),¹.

Head.—Confusion and Vertigo. [40.] **Confusion and stupefaction of the head* (third day),¹⁵.—Confusion of the head, in the morning; humming in it as after a debauch in the evening,¹.—**Confusion of the head, most increased by eating and drinking*,¹.—Inclination to vertigo (eighth day),⁵.—**Vertigo* (third day),¹⁵.—Vertigo, lasting six hours,¹.—**Vertigo, as from intoxication, with dulness in the forehead, as if there were a board across the head*,⁴.—Attack of vertigo, as from intoxication (while sitting, after one hour and three-quarters),⁷.—**Whirling vertigo, on rising up in bed, with inclination to vomit, which compelled him to lie down again*,¹.—**General Head.** **Convulsive trembling of the head*,¹.—[50.] Heaviness in the head,⁵.—Heaviness and confusion of the head, as after intoxication the preceding day,¹.—*Dulness in the head*,¹.—Dulness in the head, with cold sweat on the forehead and head, with aversion to food and drink,¹.—**Dulness and confusion of the head, aggravated by reading, so that he was frequently obliged to pause in order to understand what he was reading*,⁵.—Great inclination to sleep, but as soon as he closed his eyes was obliged to open them on account of a most frightful sensation in his brain, like that produced by the most dreadful dreams (after six hours),¹⁵.—**Headache, with inclination to vomit, as if he had taken an emetic*,¹.—Headache, as if the brain were constricted,¹.—Headache composed of constriction, burning, tearing, digging, and boring,¹.—**Feeling as if the brain were rolled up or compressed into a smaller bulk*,¹⁴.—[60.] **Feeling as if the nerves in head were drawn up tightly* (after three days),¹³.—**The head is painful, as if bound up*,¹.—It seemed as if his brain were bound together with a band (after six hours),¹⁵.—Severe pressure through the whole head, mostly in the forehead, which is aggravated by reading or reflecting, until there is loss of ideas (after sixty hours),¹.—Severe pressing downward in the whole head, especially in the forehead, aggravated by walking (after six hours and a half),⁷.—**Pressive headache, as if the brain were pressed together* (after five hours),⁷.—Sensation as if something heavy were lying upon the head, though without pain,⁹.—(Painful shaking of the brain while walking, moving the head, or speaking),¹.—Thinking affects the head very much,⁵.—**Forehead.** Dull compression of the right half of the forehead,⁴.—[70.] Dull wavelike compression in the left half of the forehead,⁴.—Pressive headache in the forehead,⁹.—Tearing-throbbing headache in the forehead, from 7 to 9 P.M. (after thirty-eight hours),¹.—Intermitting, boring, needle-like stitches in the right side of the forehead,⁷.—Frequent attacks of headache in a small spot in the left frontal eminence, lasting several

minutes, at first consisting of raging, throbbing, sticking pains, which afterwards extend as a crawling to the right frontal eminence, and become a crawling fine sticking in the temples,¹.—**Headache, as if something forcibly closed the eyes*,¹.—Severe sticking in the head above the right eye (after twelve hours),¹.—*Headache, as if the eyes would be torn out*,¹.—**Temples.** Cramplike pain in the left temporal muscle (after one hour and a half),¹.—Pressing inward in the right temple, as if a dull instrument were slowly pressed deep into the brain,⁴.—[80.] Inward pressure in the left temple,⁴.—Headache in the temples, as if the head were screwed in,¹.—Fine needle-like stitches in the left temple (after six hours),¹.—**Vertex.** Pressive headache in the crown (after ten hours),⁶.—**Parietals.** Several stitches in the right side of the brain (after twenty-four hours),¹.—**Occiput.** Sensation in the left side of the occiput, as if the hairs were being pulled up,⁴.

Eye.—Objective. Blue rings around the eyes,².—(Swelling of one eye and half the nose, in the morning, after a violent headache through the night),¹.—Eyes turned upward (third day),¹⁵.—**Subjective.** Pressure in both eyes, as from dust in them (after seven hours),⁷.—[90.] Pressive pain in the eyes, with inability to open the lids at night,¹.—Stitches in the eyes, from within outward (after twenty-four hours),¹.—**Bruised pain in the eyes, with inability to open the lids, at night* (after five hours),¹.—**Orbit.** Dull pressure in the outer margin of the orbit (immediately),⁴.—**Lids.** Dryness of the lids,¹.—**Pupil.** Contracted pupils (after five hours),⁷.—Pupils contracted to their smallest diameter; as the spasm abated, the pupils became dilated to their fullest extent, and again contracted as the spasm returned. By touching the eyelids, the spasm could be produced at pleasure (after half an hour),¹⁶.—**Vision.** **Dinnness of vision*,¹.—Dark spots and objects like flies float before the eyes, as if amaurosis would ensue,¹.—A black object before the eyes; on turning it turns with her, yet she saw everything clearly,¹.

Ear.—[100.] (Heat in the outer and inner right ear, in the morning, in bed),¹.—Something seems to fall before the right ear, as if he heard with difficulty,¹.—Sensation, alternately in the ears, as if they were closed and deaf,¹.—Rushing in the ears, as when listening in a tube,⁶.—**Sound in the ears, as of the rushing of water, with difficult hearing* (after one hour),¹.

Nose.—Objective. Swelling of the right half of the nose,¹.—Sneezing,¹⁴⁹.—While walking in the open air, he began to sneeze,¹.—Violent coryza, throughout the whole day,⁷.—Violent coryza for four days,¹.—[110.] (She blows bloody mucus from the nose),¹.—Pain in the nostril, in the anterior angle of the tip of the nose, especially when touched,¹.—Pain as from an ulcer, in the left nostril, without itching,¹.

Face.—Expression rigid and irritable (after six hours),¹⁵.—**Countenance earthy, with a very painful expression* (third day),¹⁵.—Cyanosis of the face (after one hour and a half),¹⁵.—**Checks.** **Redness of the cheeks, with heat in the face, without thirst, in a very cold room*,⁶.—Cramp in the zygoma, in the masseter muscles (after two hours),¹.—Pressive, rather benumbing than painful sensation in the left zygoma,⁴.—**Lower Jaw.** Cramplike pains in the muscles of mastication, even before opening the jaws, but aggravated thereby (after three hours),¹.—[120.] Tearing-digging pain in the lower jaw,¹.

Mouth.—Teeth. The front teeth seemed raised up, and so heavy that it seems as though they would fall out,².—A decayed tooth seems elongated, when chewing even soft food, as if it were quite loose, but is not

painful on biting the teeth together, when not eating,¹.—Biting sensation in the upper and lower back teeth, as after using much salt; it causes an unpleasant sensation on biting together,⁹.—**Gum.** (The gum is sensitive and sore),¹.—**Tongue.** **Tongue coated white, and dry upon edges* (third day),¹⁵.—**Dryness of the tongue, with a whitish-yellow coat, without thirst* (after a quarter of an hour),⁹.—Tongue rough in the morning,¹.—If he passes the tongue far out, it is painful posteriorly, as if beaten,⁴.—**General Mouth.** Whole mouth became filled with aphthæ, which quickly became gangrenous, so that the soft parts of the mouth were soon destroyed, and the teeth fell out (seventh day),¹⁵.—[130.] **Dryness of the mouth, in the night, without thirst*,¹.—Dry sensation in the mouth, with frothy saliva and great thirst,².—Sensation as if water collected in the mouth, for a long time, without inclination to vomit,⁵.—Sensation as if there were a smell from the mouth (after six hours),¹.—Burning in the palate,¹.—**Saliva.** Water collects in the mouth, without nausea (after one hour and a half),⁵.—**Taste.** Taste in the mouth, as if he had fasted a long time,¹.—Slimy taste in the mouth, though food has a natural taste,⁹.—**Metallic taste at the root of the tongue*.¹.—**Metallic taste, with loss of appetite*,⁴.—[140.] Coppery taste in the mouth,¹.—Sour taste in the mouth, on coughing,².—Sour taste in the mouth, after eating,⁴.—Bitter taste (third day),¹⁵.—**Bitter taste posteriorly at the root of the tongue*,¹.—Nauseous taste in mouth (soon after),¹⁵.—Food does not have a natural taste, it seems uncooked and unsalted,².—Tobacco tastes bitter when smoking (after two hours),¹ ⁶.—**Speech.** (On speaking she experiences a kind of contraction of the mouth, and is obliged to speak slowly),¹.

Throat.—Objective. Carotid arteries beating violently (third day),¹⁵.—[150.] A kind of paralysis of the throat; the œsophagus does not seem to permit swallowing,¹.—*Dryness of the throat*,¹.—Dryness of the throat, with sensation of heat in the pharynx and stomach (after two hours),¹.—Dryness of the upper and back part of the throat, as if it were raw, and the tongue rough,¹.—Pain in the upper part of the throat, with sensation of swelling at the root of the tongue, which makes swallowing painful,¹.—Burning in throat and stomach, which afterwards spreads over whole abdomen (soon after),¹⁵.—Burning like fire in the throat, extending into the palate, together with shivering about the head, in the evening,¹.—**Sensation in the pit of the throat, as if something arrested the breathing; it constricts the throat*,⁹.—**A kind of choking contraction in the upper part of the throat, which impedes breathing and provokes cough* (after one hour),¹.—Great sensitiveness within the throat; all food seems as sharp and biting as if it had been excessively salted or peppered,².—[160.] Scraping in the throat, disappearing on swallowing,⁹.—**Tonsils.** Pressive pain in the tonsils, much worse on swallowing saliva than on swallowing food,¹.—**Fauces.** Dryness and roughness in the fauces and throat, especially noticed when swallowing, without thirst (after two hours),⁷.—**External Throat.** Painless, swollen glands beneath the jaw (after eight hours),⁷.—Swollen, hard glands beneath the lower jaw, with nodes on the forearm, which are painful if one passes the hand over them,¹.—Swelling of the parotid glands,¹.

Stomach.—Appetite. Sensation of hunger in the pit of the stomach, little diminished by eating, nearly the whole day,⁵.—Loss of appetite; food has no taste,¹.—Aversion to eating and drinking,¹.—The greatest disinclination for all food and drinks (after six hours),¹⁵.—[170.] **Extreme aversion to food, even the smell of food causes it, although with hunger*,².—He is averse to sour things; bread tastes sour (after three hours),¹.—No desire

for breakfast; he seems full,¹.—**Thirst.** Great thirst at all times, but especially after eating,².—Unquenchable thirst (third day),¹⁵.—Thirst for cold drinks, *especially beer*,¹.—**Eruetation and Hiccough.** Eruetations of musty bad air (after eight hours),¹.—Eruetations tasting of the food (after eighteen hours),¹.—Empty eruetations, which leave a bitter taste in the mouth and throat (after twenty-four hours),¹.—*Frequent empty eruetations* (after three hours and a half),¹.—[180.] **Offensive eruetations*, in the forenoon,¹.—**Bitter eruetations* (after a quarter of an hour),⁵.—Very bitter eruetations, immediately,⁵.—Sharp scraping eruetations, especially in the evening,⁸.—**Attempts to eructate, with incomplete ineffectual eruetations, instead of which there is hiccough*, lasting an hour (after three hours),¹.—**Inclination to hiccough*,¹.—Hiccough (immediately),¹⁰; (after one-eighth of an hour),¹; (after ten minutes),⁶.—**Nausea and Vomiting.** Nausea, immediately,^{10 11}.—Nausea, extending from the right side of the abdomen towards the navel, without inclination to vomit; immediately,⁴.—**Nausea, in the afternoon after every drink, it seems to be mostly in the mouth*,¹.—[190.] Nausea, on eating,¹.—Nausea, as after overloading the stomach,⁶.—Nausea, amounting even to vomiting, when smoking, to which he was accustomed (after four hours),⁷.—***Unusual nausea and inclination to vomit, while riding in a wagon**,¹.—**If he became cold or took cold, he was nauseated, which caused a profuse accumulation of saliva*,¹.—*In the morning she is scarcely able to rise on account of sickness and inclination to vomit (after forty-eight hours),¹.—Inclination to vomit (after six hours),¹⁵.—**Inclination to vomit, associated with headache, and pain in the intestines as if bruised* (after half an hour),¹.—Frequent inclination to vomit (after several hours),¹.—Desire to vomit,⁶.—[200.] (Vomiting toward midnight, with attacks of suffocation; he vomited food and mucus, with bitter and sour taste in the throat),¹.—Excessive vomiting,¹⁷.—Frequent vomiting of a thin, greenish fluid (third day),¹⁵.—Vomited ten times, without relief (soon after),¹⁵.—**Stomach.** Sensation in the stomach as if he had not eaten for a long time, and the hunger had passed away,¹.—**Sensation as though a worm were moving in the stomach*,².—**Pain beneath the stomach immediately after eating*,¹.—Attempts to eructate cause pain in the stomach (after half an hour),¹.—Pain in the pit of the stomach on every eruetation, as if he had received a blow or bruise,¹.—**Constrictive pain in the stomach*, preventing sleep,¹.—[210.] **Cramp in the stomach; pinching in the stomach*,¹.—Cramp and tension in the pit of the stomach, when walking,¹.—**Violent cramp in the stomach, griping*,¹.—Pressure in the pit of the stomach,⁶.—Pressure in the pit of the stomach, which impedes breathing (after one hour),¹.—Pressure in the stomach, after eating,⁶.—Pressive pain in the stomach, pit of the stomach, and hypochondrium, several hours after a meal, or at night in bed,¹.—Pain in the pit of the stomach, almost like a stitch, on eruetations,³.—Pricking and gnawing beneath the pit of the stomach,⁴.—Stomach exceedingly painful to touch (third day),¹⁵.—[220.] Gurgling beneath (in) the pit of the stomach,⁴.

Abdomen.—Hypochondria. Pain in the hypochondria, as from a bruise (after twelve hours),¹.—Excessively pressive pain beneath the last true ribs of the right side, aggravated by bending the body forward, coughing, or by inspiration, but not by external pressure,¹.—**Umbilical.** Intermitting dull stitches in the left side near the navel,⁴.—Fine twinges in the right side above the navel,⁴.—**General Abdomen.** ***Great distension of the abdomen**,¹.—Whole abdomen distended, hot, and exceedingly painful (third day),¹⁵.—***Abdomen excessively distended** (seventh day),¹⁵.

—Flatulent troubles soon after supper; flatus moves here and there in the intestines, and is passed with difficulty (after five hours),¹.—Flatus presses upward,¹.—[230.] Emission of hot flatulence previous to diarrhœa,⁴.—It seems as though the abdomen were empty and hollow, as though she had no intestines,².—Burning in the abdomen,¹.—**Pinching constrictive pain in the upper abdomen after eating, which extends to the left side of the abdomen and chest* (after one hundred hours),¹.—Pinching in the abdomen (after three-quarters of an hour),⁶.—Pinching pain in the left abdominal muscles,⁹.—**Gripping in the upper abdomen (epigastrium), taking away the breath*,¹.—Drawing pain in the intestines,¹.—Pressure in the upper abdomen,¹.—Continued stitch in the right side of the abdomen,⁵.—[240.] Stitches in several parts of the abdomen, only when stooping (after fifteen hours),⁵.—Several stitches pass through the abdomen to the lower part of the back, in the morning, in bed,¹.—Several needle-like stitches in the left side of the abdomen,⁹.—Tearing in the intestines,¹.—Violent colic after dinner, while walking, with sensation of chilliness and vertigo (eighth day),⁵.—**Flatulent colic about midnight; awakened by incessant accumulation of flatulence, which distended the abdomen, causing oppressive pain here and there; some was passed without remarkable relief, whilst new flatus constantly collected for several hours; he was obliged to lie on one side and on the other in order to obtain relief* (after twenty hours),¹.—*Hypogastrium*. Audible rumbling in the lower abdomen,⁵.—Constrictive pain in the lower abdomen, with pressure towards the genitals, together with qualmsiness in the pit of the stomach, and inclination to waterbrash,¹.—Drawing pain in the lower abdomen from the right to the left side (after four days),⁵.—Cutting in the lower abdomen, extending to the upper abdomen, relieved by standing,⁵.—[250.] **Everything internally in the groins seems full and too thick, as if stuffed; only in each side, not in front; when stepping forward it seems as if this thickness were at the same time pushed forward, and everything would fall asunder* (after a few hours),⁸.—Drawing pain in the groins, as from menstruation,⁸.—Continued stitch in the right inguinal region,⁵.—**Paralytic pain in the right abdominal ring, as if something would force itself through; a pain, as from hernia, only while sitting, relieved on rising*,⁴.—Tendency to and premonitions of a hernia (after eight hours),¹.—The left abdominal ring becomes dilated, a hernia inclines to protrude, with sore pain (after fourteen hours),¹.—**Painful inclination to a hernia, especially after rising from sitting*,⁴.

Rectum and Anus.—*Rectum*. Crawling and itching in the rectum, as from ascarides,⁵.—Violent urging in the rectum after a stool, even causing faintness,¹.—*Anus*. **Contractive pain in the anus, preventing sitting, in the afternoon* (after twenty hours),¹.—[260.] Burning-itching in the anus,¹.—*Urging*. Urging to stool, with diarrhœa of an offensive odor,⁴.—Urging to stool and to pass flatus at the same time, followed by diarrhœa-like stools, at short intervals, in small portions, suddenly, with passage of flatus,⁴.—Ineffectual urging to stool, with constipation for three days; on the fourth day a hard stool, only passed with difficulty,⁵.—Desire for stool in the rectum; the peristaltic motion is wanting in the upper abdomen, whereby the stool is delayed thirty-six hours (after half an hour),⁹.

Stool.—*Diarrhœa*. Alternations of diarrhœa, vomiting, sopor, and delirium (seventh day),¹⁵.—Frequent small evacuations (after a few hours),¹.—**Frequent whitish-yellow and thin fluid stools* (third day),¹⁵.—Soft stools daily (after half an hour),¹.—(Slimy stools),¹.—[270.] Very putrid stools (seventh day),¹⁵.—(Very light-colored pale stool daily),¹.—**Soft thin stool*

(after one hour),⁶.—**Constipation.** Constipation for several days,¹.—Hard stool, which is passed with great difficulty, only every other day,¹.

Urinary Organs.—**Urethra.** Pain in the urethra, on urging to urinate,⁶.—Tensive-pressive pain in the orifice of the urethra, when not urinating (after one hour),¹.—Sticking pain in the urethra (after twelve hours),¹.—Sticking-itching in the forepart of the urethra (after thirteen hours),⁹.—Frequent urging to urinate for a quarter of an hour, with very scanty discharge, for thirty hours (after four hours),⁷.—**Micturition.** [280.] (He passed very much watery urine at short intervals; there was constantly renewed urging to urinate on account of fulness in the bladder),⁴.—(Retention of urine for ten minutes),¹.—**Urine.** Urine red, without sediment (third day),¹⁵.—*Watery urine* (after two hours and a half),¹.

Sexual Organs.—**Male.** Genitals relaxed in the night, with the prepuce drawn back behind the glans (after twelve hours),¹.—Excitement in the genitals, with desire for coition,¹.—Increased sensitiveness of the genitals,⁵.—Sticking pain in the end of the prepuce,¹.—Itching-burning in the scrotum,⁵.—Drawing pain in the testicles,¹.—[290.] Sticking pain in one testicle,¹.—Violent pain in both testicles, as if bruised, especially on touch (after third day),⁵.—Nightly emissions (after six hours),¹.—**Female.** (Metrorrhagia),¹.—Leucorrhœa.¹.—***Menstruation seven days too early, with distension of the abdomen, and cutting-contracting pain in the abdomen on every motion and every breath; together with contraction of the rectum** (after forty-eight hours),¹.—**Menstruation eight days too early, with distension of the abdomen, and pain in the upper region of the abdomen, not only on every motion (every stooping was painful), but also while sitting, as if the inner parts were suffering from the sharp pressure of a stone; the parts are painful to external touch, as if there were an internal ulcer.*¹.—Menstruation, that had been absent for a year, reappeared (in two cases),⁸.

Respiratory Organs.—**Larynx.** Tough mucus hangs in the larynx and obliges him to hack and hawk,¹.—Irritation to cough, very high up in the larynx,¹.—[300.] Irritation to cough, in the posterior portion of the larynx, in the evening, in bed; the cough was always in short paroxysms,¹.—**Cough.** Cough, with great exertion, on account of oppression of the chest, which only appears on coughing (after forty-eight hours),³.—Awakened by cough every fourth night, about 12 or about 2 o'clock (a quartan attack), with dryness of the mouth; on coughing, the throat does not seem wide enough,¹.—**Respiration.** Whistling-snooring breathing, threatening suffocation, especially on inspiration; it alternates with very slow breathing, at times almost suppressed; therewith the face is distended as in apoplexy,¹.—Breathing very quick (third day),¹⁵.—Respiration rapid and difficult (after one hour and a half),¹⁶.—A suffocative sensation, arresting the breath and contracting the air-passages; it almost constantly provoked cough,¹.—Dyspnœa, and difficult breathing,⁶.—She has no breath; must always take a short breath,⁸.

Chest.—Pressure on the chest, on eructating,¹.—[310.] **Oppression of the chest, especially of the upper part of the sternum, which impedes the breathing* (after four hours),¹.—Stitches within the chest rhythmical with the pulse, whilst sitting; uninterrupted for a quarter of an hour,².—Fine stitches in both nipples (after half an hour),¹.—(Rawness and sore sensation in the chest),¹¹.—Reading aloud affects the chest, so that he cannot continue to read without great exertion,⁵.—**Front.** Sudden pressure upon the sternum, as if one pushed against it with the fist,⁶.—Pain in the middle of the sternum, as from pressure with a blunt instrument,⁴.—Pressive pain

in the middle of the sternum, with anxiety, followed by sticking pain in the sternum (after three hours),¹.—Fine sticking pain in the sternum, while walking (after forty-eight hours),¹.—Intermitting dull stitches in the right false ribs, in front,⁴.—**Sides.** [320.] Audible rumbling, as if in the left side of the chest, as from emptiness, especially noticed on walking (after three hours),⁷.—*Tensive constriction in the right side of the chest, which impedes the breathing* (after half an hour),¹.—Drawing pain in the side towards the back while talking, walking, or stooping; while lying it became a drawing, worse for a few minutes, then ceasing entirely,¹.—On bending the body towards the right side, while sitting or standing, dull drawing pain in the right side of the chest, continuing as long as he remains bent,⁵.—Paroxysmal, fine sticking pains in the left side of the chest, on inspiration,³.—Stitches in the right side (after one hour),¹.—Stitches in the left side (after three hours),¹.—Some stitches in the right side of the chest (after two hours),⁶.—Some stitches in the left side of the chest, in the pit of the stomach, in the evening (after twenty-four hours),¹.—An extremely violent stitch through the left chest into the back, while walking,⁵.

Heart and Pulse.—[330.] **Palpitation*,¹.—Pulse very quick (third day),¹⁵.—Pulse small, but natural in frequency (after six hours),¹⁵.—The pulse is not more rapid, but very small and hard,¹.

Neck and Back.—**Neck.** **Weakness of the cervical muscles, with heaviness of the head, for several days; the cervical muscles seem unable to support the head; is obliged to lay the head now here, now there; even the muscles are painful; most relieved when leaning backward*,⁵.—**Stiff pain in the cervical muscles, on moving the neck, and on yawning*,⁴.—Painful cracking in the cervical vertebræ, on moving the head,¹.—Paralytic drawing in the side of the neck, and other places; at times almost like an intermitting paralytic pressure,⁴.—Sticking pain in the neck, on moving the head forward and backward,⁵.—Fine stitches in the outer parts of the neck (after one hour),¹.—[340.] Fine stitches externally in the right side of the neck,⁵.—Pulsating stitches externally, in the left side of the neck,⁵.—**Back.** **Trembling in the back*,¹.—On standing, pain in the back, as if one were too much fatigued or had strained himself (after twelve hours),¹.—On moving the shoulders, the whole back became stiff and painful,⁴.—Boring pains in the back,¹.—Pain in the spine, as if it would break,¹.—Drawing pains in the back,¹.—Pressive pain in the back, especially on the left side, while sitting (after five hours),⁷.—Paralytic pressive pain in the lumbar region,⁴.—[350.] Piercing pain in the articulation of the dorsal and all the vertebræ, as if they were sprained or spasmodically drawn together, especially on motion (after twenty hours),¹.—Tearing pains in the back,¹.—**Dorsal.** Intermitting, pressive, paralytic pain beneath the left scapula, during rest,⁴.—Drawing pains just below the left scapula, while standing and lying, most severe in the morning (after six hours),³.—**Pressure in the scapula and nape of the neck*,¹.—Stitches in the scapulae, extending from the right to the left,¹.—Tearing between the shoulders and in the spine, in the evening, before lying down (after thirty-six hours),¹.—**Lumbar.** Pain in the small of the back, as if bruised, not aggravated by touch,¹.—**Paralytic pain in the small of the back, as if lame*,¹.—**Paralytic pain in the small of the back, with spasmodic drawing across the hips, which prevents walking, with anxious fearful mood*,¹.—[360.] Sharp hard pressure in the loins and region of the kidneys, in the morning, while lying in bed, disappearing after rising,¹.

Extremities in General.—Objective. **Trembling of all the*

limbs,¹.—**Trembling in all the limbs, always with chilliness, which does not disappear even in a warm room, especially in the evening,*³.—*Painful stiffness in the joints* (after eight hours),¹.—*Painful stiffness of all the joints, now in the hands and fingers, now in the knees and ankles, for two days* (after twenty-four hours),³.—*Limbs became paralytic and stiff, with drawing pains in the bones and back,*¹⁵.—*Paralytic immobility of the limbs* (after twenty-four hours),¹.—*Paralytic immobility of the limbs, with drawing pains, feeling as if in the bones,*¹.—**Painful lameness in the arms and legs; she could scarcely rise from her seat, with loss of power,*⁴.—*Cracking in the joints,*¹.—[370.] *Cracking in the joints, when walking,*⁶.—**Subjective.** The limbs seem paralyzed,¹.—***At one time the feet are asleep, at another the hands, alternately; very transient attacks,¹.—Such heaviness in the limbs, and such weakness in the whole body, at 9 A.M., that she could not keep herself from sleeping; several days at the same time,².—*Internal pains in the limbs, aggravated by touch and external pressure* (after twenty-four hours),¹.—*Internal burrowing bone pains in the limbs,*⁴.—*Pain in the limbs, on motion, as if they would be crushed or broken,*¹.—*Sensitive paralytic drawing, constant and paroxysmal, here and there in the limbs, as if in the bones,*⁴.—*Drawing pain in the limbs and abdominal muscles, as after taking cold,*¹.—*Drawing pain in the limbs of the left side,*¹.—[380.] *Slight noise shoots through all his limbs,*¹.—*The muscles of the limbs are painful to touch* (after twenty-four hours),¹.**

Superior Extremities.—Objective. Convulsions of the arms, with closing of the thumb in the fist,¹.—**Subjective.** **The arms are asleep, with a crawling sensation,*⁶.—*Sensation in the arms as if asleep and paralyzed, during and after a meal* (after three hours),¹.—*Paroxysmal burning pain in the left arm,*¹.—*The arm aches while eating; it is very heavy and tired if he attempts to raise it,*¹.—*The arm upon which he lies in bed pains as if beaten,*⁴.—*Sensitive paralytic pain on violent motion of the arm, as if the bones were beaten asunder,*⁴.—**Shoulder.** Excessive drawing pain in the bones of the shoulder and arm, on raising the arm after eating; on touch the parts are painful, as if bruised or beaten,¹.—[390.] *Some stitches in the shoulder and muscles of the upper arm, during rest* (after one hour),¹.—*Pain consisting of a broken, tearing, and sticking sensation in the shoulder and elbow-joints, also in the toes and between them, intolerable during rest, with a sensation of heaviness; he dreads to move the arm, though the pain is relieved by motion* (after five hours),¹.—**Arm.** Jerking in the muscles of the left upper arm,⁵.—*Pulselike, visible jerking in the muscles of the right and left upper arms, just above the elbows,*⁵.—*Pain in the upper arm, on raising it, as if the arm were broken in two,*⁴.—*Drawing in the upper part of the humerus, with bruised pain,*⁴.—*Stitches in the right upper arm,*⁶.—*Intermitting dull stitches, like shocks, on the outer side of the left upper arm, below its head,*⁴.—*The humeri just above the elbows seem beaten, and pain as if paralyzed, on motion,*⁴.—*A digging (wavelike drawing), bruised pain in the left humerus,*⁴.—**Elbow.** [400.] *Sudden paralytic pain in the bend of the right elbow,*⁴.—*Continued sticking in the left elbow* (fourth day),⁵.—**Forearm.** A kind of paralysis of the arm while writing; is scarcely able to hold his pen (after four hours),⁶.—**The forearm is asleep, with sensation as if the hand were swollen, with constrictive pain in the muscles; the fingers are cool, with an internal sensation of icy coldness* (after three hours),¹.—*Pain as if dislocated in the radius, during rest and motion,*¹.—*Intermitting, very sensitive, almost tearing, paralytic pressure in the anterior muscles of the forearm, especially during rest,*¹.—

Pressive pain in the right forearm,⁹.—Sticking pain in the outer side of the left forearm, extending into the little finger,⁹.—**Hand.** Redness of the left hand, with drawing in the middle finger (fourth day),⁵.—***The hand trembles while eating, and the more the higher it is raised,**².—[410.] ***Now one hand, now the other, seems insensible and asleep,**¹.—Cramp-like pain on the outer side of the right hand, and in the forefingers, with some heat of the hand,⁹.—**Fingers.** Painful paralytic jerking through the fingers (sixth day),⁴.—Cramplike contraction of the fingers,⁴.—Cramp-like pain in the right little finger, while writing,⁷.—Tearing, boring, drawing pain in the fingers,¹.—Cramplike sticking pain from behind forward, in the right index finger,⁹.

Inferior Extremities.—**Hip.** Jerking in the muscles about the right hip-joint,⁵.—Cracking and painful sensation in the left hip-joint, on turning the thigh, especially noticed on walking (after twenty-four hours),⁵.—Intermitting, pressive, paralytic pain in the left hip-joint,⁴.—[420.] Sticking pain in the left hip-joint, on walking (fifth day),⁵.—Repeated stitches on the outer portion of the left hip-joint,⁵.—**Thigh.** (Trembling of the thighs on kneeling),¹.—Lameness in the left thigh, worse during rest,⁹.—The thigh seems paralyzed and bruised,⁴.—A paralytic stiff sensation pierces the left leg at intervals, from the middle of the thigh downward,⁴.—Constrictive, not painful sensation along down the thighs, with at times a sensation as if they would become stiff; the constriction descends into the muscles of the lower leg, below the hollow of the knee,⁴.—If he raises the thigh, it pains as if it were broken in two,⁴.—Paralytic drawing in the thighs, with weakness in the knees, as if they would knock together,¹.—Sticking pain in the bone of the whole right thigh, soon, when walking,⁵.—[430.] Violent pulsating stitches on the outer side of the left thigh, while sitting, which caused involuntary motion,⁵.—Twinging in the right nates, while sitting; afterwards it becomes like a dull shock,⁴.—If he turns in a circle to the left, the inner side of the left thigh pains as if bruised,⁴.—The thighs pain as if bruised, on beginning to walk after sitting,⁴.—If he raises the leg while sitting, the thighs pain sensitively, as if bruised,⁴.—Intermitting, pressive, bruised pain in the middle of the left thigh,⁴.—**Knee.** ***His knees sink down from weakness; he totters while walking and threatens to fall to one side,**¹.—*Cracking of the knees on motion, immediately,*¹.—Great weariness in the knees, as after a long walk, frequently returning, immediately,⁹.—Stiff sensation extending from the thigh down over the knee,⁴.—[440.] An intolerable drawing pain in the knee, after rising, after sitting,¹.—Stitches in the knees,¹.—In the outer part of the left knee-joint, a constant stitch, while walking (sixth day),⁵.—Severe stitch in the left knee-joint (after twenty-seven hours),⁵.—Drawing-tearing pain in the patella,¹.—**Leg.** Tensive pain in the calves, on motion,¹.—Constrictive sensation on the outer side of the left lower leg, more numb than painful,⁴.—Sensation below the left knee as if the leg were too tightly bound with the garter,⁴.—Cramp in the calves, at night, while bending the knees,⁵.—A dull wave-like paralytic pain down along the outer side of the left lower leg,⁴.—**Ankle.** [450.] Severe pain, as if sprained, in the ankle on motion,¹.—**Foot.** Swelling of the feet, in the evening,¹.—Boring pains in the feet,¹.—Drawing pains in the feet,¹.—Tearing pains in the feet,¹.—Bruised pain on the back of the foot, on bending up the foot and on touching it (after three hours),¹.—***The soles of both feet go to sleep, while sitting,**⁴.—**The sole of the left foot is asleep, while walking after sitting, with sticking in it as from many pins,*⁴.—Pain in the interior of one heel, as if in the heel-bone, just

as if it were bruised (after half an hour),¹.—*Toes.* Drawing pain in the right toes (after four hours),⁶.—[460.] Tearing pain in the great toe, even during rest,¹.—Corrosive pain in the toes (after three hours),¹.—Pain in the metatarsal joint of the great toe, as if a chilblain or boil would form, even painful to touch,¹.—Tearing jerks and tearings in a corn that was otherwise painless, in the evening, while at rest,¹.

General Symptoms. — Objective. Hæmorrhages,¹² † — *Starts easily*,¹.—Twitching (palpitation) of various portions of the muscles, especially of the lower limbs, as after a long walk,¹.—Clonic spasms, first in the upper extremities; they soon afterwards became general, with frothing from the mouth (after one hour and a half),¹³.—Tetanic spasms (after half an hour),¹⁶.—Violent convulsions, followed by death,¹⁷.—[470.] One or two hours afterwards, severe tonic and clonic convulsions set in, with severe contortions and shocks of the extremities, and danger of suffocation; the teeth, compressed by trismus, bit the protruding tongue; bloody foam stood before mouth and nose, which was expelled by every expiration. The whole body was in a state of tetanic stiffness, alternating for moments with convulsive shocks, and was covered with cold perspiration; pupils dilated, with fixed look; consciousness momentarily gone; pinching the skin immediately produced convulsive shocks; pulse normal, neither quick nor disturbed in its rhythm; the beat of the heart quiet; neither vomiting nor diarrhœa. Death soon ended the scene,¹⁹.—A kind of epileptic attack; he entered the room with a cheerful countenance and sat down, when he felt intoxicated; thereupon he became still and looked for a long time at one spot with staring expression, without answering questions; then he fell unconscious to the ground, bent himself together with unintelligible cries of ah! au! au! brr! etc.; passed urine involuntarily; the limbs as well as the whole body became spasmodically convulsed, the hands convulsively clenched together, with paroxysmal choking in the throat; half open mouth as if he would vomit, with foaming at the mouth in the form of bubbles; hands cold, face covered with cold sweat, and spasmodically distorted; eyes glassy, protruding; then he sat up, did not, however, answer questions, but clenched his teeth and stared at those who spoke; he did not allow the bystanders to touch him, pushed them away and wrestled with them; his face expressed violent rage; at last he groaned and moaned, until after a quarter of an hour, he gradually recovered and came to his senses; there was subsequent aversion to all nourishment, even to that which was usually most agreeable (after a quarter of an hour),⁴.—Indolence, with taciturnity,¹.—She is idle, she cannot put herself down to her work, and accomplishes nothing; with contracted pupils (after twelve hours),¹.—Want of vital energy,¹.—The slightest motion caused loss of power; every trifle affected him,¹.—The slightest loss of sleep caused loss of power; he missed every hour of sleep,¹.—Weakness, especially while sitting,⁵.—*Great weakness, so that it was difficult to stand firmly,⁵.—Extreme weakness,¹.—[480.] Extreme weakness, while walking,⁵.—*Attacks of paralytic weakness, with pain in the back,¹.—Very weak from a short walk,¹.—She is so weak that she is obliged to sit down during light work, which she usually performed standing,².—*Prostration and exhausting sweat over the whole body, on the slightest exertion* (after one hour),¹.—*Hemiplegia, left side,¹.—Faintness,¹¹ † —*Faintness on moving the body, with spasmodic distortion of the muscles of the face,¹.—She fell to the ground, began to tremble, vomited and be-

came senseless (after half an hour),¹⁸.—Immovable (after six hours),¹⁵.—**[490.]** Restlessness; busy mood,¹.—*Great restlessness (third day),¹⁵.—**Subjective.** He cannot endure an interruption or noise,¹.—**He dreads every sudden noise*,¹.—Every loud word annoyed him (after six hours),¹⁵.—Loss of sensibility and consciousness (after one hour and a half),¹⁸.—**Inclination to tremble* (after one and six hours),¹.—Inclination to lie down,¹.—Heaviness and disinclination to speak, in the morning after waking,⁸.—(Caused sticking pains and heat in the cold swollen glands, at least if they were touched),¹.—**[500.]** Dull burning stitches here and there,⁴.—If the affected (previously swollen and inflamed) parts are touched with the fingers, there is fine sticking in them, as if he pressed them with the points of pins,¹.—(Caused tearing pains in swollen hard glands),¹.—He avoids the open air,¹.

Skin.—Objective. Eruptions, Dry. Eruption of red irregular spots on the skin, as if colored by red wine, over the whole chest, on the sides of the chest, behind the ears, without heat and without sensation,¹.—Body and arms covered with an eruption resembling scarlatina, which gradually faded away during the day (second day),¹⁶.—Eruption of red miliary pimples on the face, back, and chest, which itch when warm (not when undressing),¹.—A pimple beneath the shoulder; it itches under a feather bed,⁶.—**Eruptions, Moist.** Where the little finger ends, on the side of the hand, a vesicle appears in the night and discharges the next day (fifth day),¹.—**Eruptions, Pustular.** Pustules below the right corner of the mouth, with red areola, painful, tense to touch (after twenty-four hours),¹.—**[510.]** Hard pimple-like pustules, which contain no fluid, but have a red areola, and itch the whole day, with burning pain of the limbs, wrists, and backs of the fingers,¹.—Some pimples on the nose, temples, and chest, and between the scapulæ, fill with matter, and afterwards dry up and disappear,¹.—A boil on the inner side of the thigh (after twelve hours),¹.—**Subjective.** Itching of the skin, especially in the evening, on undressing,¹.—Itching under the feather bed; after scratching it became tickling,⁶.—Itching in various parts of the body, at night, which are painful after scratching,¹.—Itching and burning here and there in the skin, especially on the inner portion of the thigh, as from nettles, with eruption of pimples, with a stinging pain on touch,⁵.—Burning-itching stitches here and there in the skin, as from fleas,⁵.—Severe biting-itching, as after profuse sweat, on the skin of the whole body, obliging him to scratch on undressing (after sixteen hours),¹.—Stitches externally in the skin and muscles of the cheeks,¹.—**[520.]** Itching stitches in the left axilla, as from a flea,⁵.—Severe stitch in the skin of the left knee, while sitting, so that he is involuntarily obliged to move the leg on every stitch,⁵.—Continued fine stitch in the skin of the left side of the epigastric region, disappearing on rubbing,⁵.—Crawling as from something living, with throbbing and a burning below the right shoulder extending to the fingers (after one hour),¹.—*Itching on the scrotum*,¹.—*Itching in the scrotum*,¹.—Itching in the back, in the evening after undressing, with eruption of red pimples,¹.—Itching in the hollow of the left knee, on the calf and ankle, while walking; disappearing while standing, but reappearing on walking,⁵.—Itching of the ankles,¹.—Itching at night, partly in the chest, extending from the pit of the stomach to the throat, partly on the tibia and beneath the shoulders; after scratching, blood oozes from the parts (after four hours),¹.—**[530.]** Deeply piercing tickling-itching in the ball of the thumb, not relieved by scratching or rubbing (after sixteen hours),¹.

Sleep and Dreams.—Sleepiness. Much yawning towards even-

ing,¹.—Much yawning, with cracking in the ear,¹.—**Constant yawning and stretching, after lying down in bed,*⁶.—Forcible yawning,¹.—Interrupted short yawning, wherewith she is unable to take a full breath,¹.—He slept late, and was sleepy through the day,¹.—He slept late in the morning, could not open the eyes early; he awoke well, could not rise or open the eyes,¹.—(During sleep he lies upon the stomach),¹.—During sleep he puts one arm under the head (after four hours),¹.—[540.] Sopor,¹.—*Sleeplessness.* Night sleepless; restlessness of the whole body, with sticking and biting here and there,¹.—**Many thoughts of the business of the day prevented sleep for an hour, and wide awake about 1 o'clock, without being able to fall asleep again,*⁵.—Frequent waking from sleep,¹.—**Frequent waking from sleep, as from fright,*⁷.—He awoke at night with fear, as if he dreaded ghosts,¹.—Sleep was frequently interrupted by starting up and waking,¹.—He awoke frequently from sleep at night, with sensation as if he was too warm,¹.—She cried out anxiously in sleep, called her mother and sister, with anxious rapid breathing; she groped about the bed with her hands, pushed things away from her, with open distorted eyes, without being awake; she constantly moved the head, especially towards the left side,⁹.—**Does not feel refreshed in the morning, and yawns incessantly,*⁶.—*Dreams.* [550.] Unremembered dreams,⁷.—Very vivid dreams, causing fright (after two hours),¹.—Dreams that something evil had happened,¹.—Dreams that his knees were swollen and painful,⁹.—Dreams of dying and death,¹.

Fever.—Chilliness. Chilliness, not relieved by a warm stove, with severe colic (after eight days),⁵.—Great chilliness over the whole body, in the evening (seventh day),⁵.—In the evening, with longing for warm invigorating nourishment, he is suddenly attacked by internal chilliness so that he trembles, without being cold externally,⁴.—Recurrent, but transient shivering, especially through the lower limbs, immediately,⁴.—Creeping shivering through the whole body,⁴.—[560.] Shaking chill over the whole body, in the afternoon,¹.—Shaking chill for half an hour, at 8 A.M., without thirst, and without subsequent heat,¹.—General coldness, without shivering, with bluish hands, during the first hours,¹.—Became cold all over,¹⁵.—The open air seems too cold,¹.—Febrile paroxysm; frequent shivering, followed by flushes of heat in the head,¹.—(Febrile paroxysm; gradually increasing chilliness, with little or no thirst, with warm forehead, cold cheeks, cold nose, and icy-cold hands, followed by heat, with great anxiety, as if he could not get his breath; nausea and great thirst until sweat appeared; sweat scanty, quite cold, almost only on the head and hands, with continued anxiety),¹.—Chilliness and sensation of coldness in the back,⁵.—Chilliness in the back, as if he had been touched with ice, here and there, not relieved by the warmth of the stove,¹.—Shivering across the breast (after one-eighth of an hour),¹.—[570.] Shivering in the back, in the evening,¹.—Shivering over the lower portions of the body (very soon),¹.—Cold creeping over the back, though sitting by a warm stove (eighth day),⁵.—Sensation of coldness, without externally perceptible coldness, on the shoulders (after four hours),¹.—The hands held to the face seem cold, but seem warm to each other,⁴.—*Heat.* Temperature increased (after one hour and a half),¹⁸.—(External heat of the body, without feeling hot, and without thirst), (after five hours),¹.—Increased sensation of heat, rapid pulse (after twenty-four hours),⁵.—General and excessive heat (third day),¹⁵.—Very sudden and severe flashes of heat,⁴.—[580.] Rapid alternations of heat and chilliness; she is constantly attacked by great heat of the feet rising up through the whole body, with sensation as though blood rushed into the

face; but she was rather pale than red; after a few minutes, again creepings of icy coldness from the head down to the feet, and the heat momentarily disappeared; these attacks appeared several times during the day,².—Febrile paroxysm; now heat, now chilliness in the body alternating (after a few hours).¹.—Febrile paroxysms; frequent thrills throughout the day, as when one warms himself by the fire in cold weather, after which he became so weak that he was obliged to lie down; all without thirst or sweat.¹.—Febrile paroxysms; hot hands at 7 P.M., with sensation of dry heat over the whole body, with sleeplessness till 4 A.M., followed by shivering and cold hands, the whole day.¹.—Intolerance of the open air, with heat and redness of the cheeks (after four hours).¹.—*Intolerance of both cold and warm air*.¹.—Could not bear the slightest increase or diminution of the temperature of the room (75° F.), (after six hours).¹⁵.—Flushes of heat in the face after drinking.¹.—Heat in the forehead.¹.—Heat and redness of the face, with thirst.¹.—[590.] Complained of heat and persistent burning in stomach and bowels, especially about navel (third day).¹⁵.—Heat and swelling of the feet, with constant corrosive itching.¹.—Burning heat in the cheeks, with very cold feet.¹.—Flushes of heat in the cheeks, without thirst (after twenty-seven hours).¹.—Forehead hot, and covered with a sticky perspiration (third day).¹⁵.—Now one hand, now the other, is alternately hot or cold (after a quarter of an hour).¹.—Glowing of the cheeks, with coldness of the whole body.⁵.—Frequent transient attacks of very unpleasant burning and redness of the cheeks, such as is felt on becoming vexed or from unpleasant news.¹.—*Sweat*. Sweat on the body (immediately), from evening till morning, with cold sweat on the face.¹.—General sweat in the morning, mostly on the chest and affected parts.¹.—[600.] Profuse sweat (after one hour and a half).¹⁸.—Skin dry (third day).¹⁵.—Hands sweat, immediately.¹.—Forehead and hands covered with a cold sweat (after six hours).¹⁵.—Cold sweat, now on one, now on the other hand.¹.—*Cold sweat of the feet.¹.

Conditions.—Aggravation.—(*Morning*), Anxiety; confusion of head; in bed, heat in ear; tongue rough; before rising, sickness, etc.; in bed, stitches through abdomen; while standing or lying, pain below scapula; while lying in bed, pressure in loins, etc.; at 9 o'clock, heaviness in limbs, etc.; after waking, heaviness, etc.; at 8 o'clock, shaking chill; general sweat.—(*Forenoon*), Offensive eructations.—(*Afternoon*), *Hypochondria*; after every drink, nausea; pain in anus; shaking chill.—(*Evening*), Humming in head; from 7 to 9 o'clock, headache in forehead; burning in throat; scraping eructations; in bed, irritation to cough; stitches in left chest; before lying down, tearing between shoulders; trembling in all the limbs; swelling of the feet; jerks in a corn; on undressing, itching of the skin; after undressing, itching of the back; *chilliness*; shivering in the back; at 7 o'clock, hot hands, etc.—(*Night*), Pain in eyes; dryness of the mouth; towards midnight, vomiting, etc.; in bed, pain in stomach, etc.; about midnight, flatulent colic; genitals relaxed; while bending knees, cramp in calves; *itching*, in various parts; from evening till morning, sweat on the body.—(*While walking in open air*), Began to sneeze.—(*Bending body forward*), Pain beneath right ribs.—(*On bending body towards right side*), While sitting or standing, pain in side of chest.—(*Coffee*), The symptoms.—(*Cold air*), The symptoms, especially headache, excessively aggravated.—(*Coughing*), Pain beneath ribs; oppression of chest.—(*After dinner*), Colic, etc.—(*Drinking*), *All symptoms, especially those of the head*.—(*Eating*), *All symptoms, especially those of the head*; thirst; nausea;

pressure in pit of stomach; pains in upper abdomen.—(*On eructation*), Pain in pit of stomach; pressure on chest.—(*Inspiration*), Pain beneath ribs; pains in left chest.—(*On kneeling*), Trembling of the thighs.—(*Motion*), Pain in vertebral articulations; pain in limbs; pain in humeri; pain in calves.—(*Moving head*), Shaking of the brain.—(*Pressure*), Pain in limbs.—(*Raising leg*), While sitting, pain in thighs.—(*Reading*), Dulness, etc., of the head; pressure through head.—(*Reflecting*), Pressure through head.—(*Rest*), Pain beneath scapula; stitches in shoulder, etc.; pain in shoulder, etc.; pressure in muscles of forearm; lameness in thigh.—(*While riding in a wagon*), Nausea, etc.—(*Rising after sitting*), Inclination to hernia.—(*On rising up in bed*), Vertigo.—(*Sitting*), Pain in abdominal ring; stitches in chest; pain in back; twinging in nates; weakness.—(*Sleeping*), *All symptoms, especially of the head.*—(*Smoking*), *All symptoms; nausea.*—(*On standing*), Pain in back.—(*After stool*), Twinging in rectum.—(*Stooping*), Stitches in abdomen; pain in side.—(*Swallowing*), Dryness, etc., in fauces.—(*Swallowing saliva*) Pain in tonsils.—(*Talking*), *All the symptoms, especially of the head; pain in side.*—(*Touch*), Pain in nostril; pain in testicles; pain in the limbs.—(*Walking*), Pressing downward in head; shaking of the brain; cramp, etc., in pit of stomach; pains in sternum; rumbling in chest; drawing in the side; stitch through left side; pain in hip-joint; pain in thigh-bone; stitch in knee-joint; weakness; itching in hollow of knee.—(*After weeping*), Loss of appetite.—(*While writing*), Kind of paralysis of arm.

Amelioration.—(*Leaning backwards*), Weakness of the cervical muscles, etc.—(*Motion*), Pain in shoulder, etc.—(*Rising from sitting*), Pain in abdominal ring.—(*Standing*), Cutting in lower abdomen.

COCCUS CACTI.

Coccus cacti, Linn. *Class*, Insecta; *Nat. order*, Hemiptera; *Common name*, Cochineal.

Preparation, Tincture and triturations.

Authorities. (1 to 28, *Austrian provings, Oest. Zeit. f. Hom.*, 4, 500) 1, Dr. Caspar, aged 30, took the 1st dil., morning and evening, for ten days; 2, Dr. A. F., aged 30, took the "100th dil." (15th cent. dil. of Hahnemann); 3, Dr. Frölich, "100th, 60th, and 30th dils.;" 3 b, same prover took "3d and 1st trits.;" 3 c, same prover took 10-drop doses of tincture; 4, Theresa Kummer, aged 33, took "60th, 30th, 12th dils. and 3d trit.;" 5, Fr. Gottwald, aged 33, took 3d dec. dil. every other day for ten days, then every three days for three weeks; 6, Dr. Huber took repeated doses of 6th and 4th dec. dil.; 7, the same prover took 3d, 2d, and 1st trits.; 8, Dr. W. Huber took different dils., 30th to 7th; 9, the same prover took triturations, 6th to 1st; 10, same prover took tincture, 40 drops first day, 50 drops second day; 10 b, same prover, 60 to 120 drops tincture; 11, Dr. Läch took 5 grains of Cochineal dissolved in hot water, on the third, eighth, eleventh, twelfth, and thirteenth days, and 10 grains on twentieth day; 12, Dr. J. G. M., aged 57, took repeated doses of the "100th dil.;" 13, Dr. Marzella took "100th, 60th, and 12th dils.;" 14, Dr. J. O. Muller took 100th, 60th, 30th, and 3d dils.; 15, Dr. Schweikofer took tincture, first day 10 drops, doubling dose each day to seventh day (640 drops); 16, same prover took triturations (6th to 1st), doses of 45 to 200 grains; 17, Dr. Schweikofer's wife, aged 42, took 12th, 9th, 6th, 3d, and 1st dils.; 18, same prover

took triturations, 6th to 1st; 19, Schweikofers son, aged 15, took 1 to 30 grains of powdered drug; 20, Dr. Wachtel took 100th to 6th dils.; 21, same prover took 3d to 1st trits.; 22, Theresa N., aged 36, took 100th and 30th dils.; 23, Dr. Wurmb took tincture; 24, Prof. Zlatorovich took 1st dec. trit. daily from 8th of February to 7th of July; 25, Rudolph S., aged 21, took 10 grains of 1st dec.; 26, Eduard K. took 1st dec. trit.; 27, H., medical student, took 1st dec. trit.; 28, Adolph S., aged 25, took 1st dec. trit.; 29, Dr. Reil's provings, Hom. Vierteljahrsschrift, 1, 194, having for eight days previously kept accurate records of his urine, took tincture, increasing from 5 to 100 drops daily; 30, Lembke, effects of the powder on point of knife, six doses, A. H. Z., 49, 185.

Mind.—Emotional. Great excitement after two glasses of beer, which was not relished; in the open air it seemed as though the pulses beat more violently than usual, with general sensation of heat; this lasted an hour, and gradually disappeared while walking (in the evening, beer caused no change in his condition).⁸—Unusual liveliness and clearness of mind (second day).¹⁴.—Became lively for the first time towards evening (second day).¹⁴.—Talkative mood.³.—Joyous mood.¹⁷.—Depressed mood (first day).¹⁶.—Anxious sensation, with uneasiness.⁵.—Apprehensiveness.⁵.—Apprehensiveness in the evening.⁵.—[10.] Apprehension (first day).¹⁴.—Irritable mood.¹⁸.—Very irritable and out of humor, morning and evening (first day).¹⁴.—Out of humor, with irritable mood (fifth day).¹¹.—Ill-humor without cause; in the evening it was followed by a lively mood.⁵.—Fretful mood (eighth day).¹⁶.—

Intellectual. Less mental activity than usual.¹².

Head.—Confusion and Vertigo. Confusion of the head,^{8 13 19}.—Confusion of the head throughout the day.⁵.—Confusion of the head the whole day (second day).³.—[20.] Confusion of the head, especially on the vertex (seventh day).¹⁵.—Confusion of the head, as after drinking too much.⁸.—Confusion of the head on the vertex (third day).¹⁵.—Confusion of the head, with slight vertigo in the morning.⁵.—Confusion of the head in the forehead, with sensation of heaviness and dulness, in the morning on rising.¹².—Confusion of the head in the evening.⁵.—Confusion of the head after breakfast.⁵.—Confusion of the head, as before the outbreak of violent coryza, relieved in the open air.¹³.—Confusion of the head in the forehead, with pain extending across the left frontal eminence, involving a small portion of the left half of the forehead, the parietal bone, and the temple, and reaching to the zygomatic portion of the right jaw, leaving a general sensation along all those parts of a dull tearing or cutting, transient (after one hour).¹⁴.—Slight confusion of the head.⁷.—[30.] Great confusion of the head (third day).¹⁰.—Great confusion of the head, in the evening while walking (especially on the vertex), (seventh day).¹⁵.—Great confusion of the head in the evening, with pressive pains on the vertex, with burning in the skin of the forehead, lasting into the night.²⁴.—Dizzy confusion of the head (first day).¹⁴.—Dizzy confusion of the head, in the morning on waking.⁹.—Head was confused and felt intoxicated, especially towards evening.⁹.—Slight vertigo.⁵.—Transient vertigo.⁵.—Dizziness, as after intoxication, after eating (first day).¹⁴.—**General Head.** Rush of blood to the head.²¹.—[40.] Rush of blood to the head, on going into a warm room after a walk; he was obliged to leave the room, when he felt better, repeated three times in one forenoon.⁸.—Headache, not relieved in the open air (first day).²².—Headache in the morning on waking; it soon ceased, but frequently returned for a short time through the day (sixth day).²².—Headache, with such great weakness that she was obliged to sit down fre-

quently during a hurried walk (after 3d trit.),⁴.—Headache, consisting of fulness, with increased warmth and slight stupefaction (second day),¹⁴.—Sensation of swelling of the head,⁵.—Dull pain in the whole head all the forenoon, aggravated by violent motion of it,⁸.—Pressive pain in the brain, especially at the bridge of the nose,⁸.—Pressive headache, like that frequently experienced with disordered stomach,¹³.—Pressive headache, as after drinking too much, in the morning after waking, disappearing after rising,⁸.—[50.] Pressive headache in the evening (third day),²².—Pressive headache, aggravated by stepping hard (first day),¹⁰.—Painful stitches shoot through the brain,²⁴.—His accustomed beer caused headache (second day),¹⁰.—The headache and chest symptoms were somewhat relieved after lying down, for some hours in the forenoon (fourth day),¹⁰.—**Forehead.** Indefinite pain in the forehead, aggravated by shaking or turning the head, or even moving it,⁹.—Dull headache above the right eye, in the morning on waking,⁶.—Dull, burrowing, frontal headache,².—Pressive pain in the right side of the forehead, sometimes extending to the occiput (first day),².—Dull pressive pain in the forehead (first day),¹⁴.—[60.] Pressive frontal headache at breakfast, which was eaten without remarkable appetite (fourteenth day),¹¹.—Tearings in the frontal bone,³⁰.—Tearing pain, extending from the left eye up into the forehead, in the evening after lying down,⁹.—**Temples.** Violent raging pain, extending from the right eye along the squamous portion of the temporal bone, on its inner side to the occiput; it seems as though a fluid were injected paroxysmally into a small blood-vessel,⁸.—Sensation as if the temples were too narrow,¹².—Pressure in both temples,⁵.—Pressive pain in the right temple,¹.—Pressive pain in the left temporal region soon after rising, which frequently extended to the left eye, and lasted nearly the whole day,²³.—Slight pressive pain, extending from the temples towards the vertex, which completely disappeared after the customary washing with cold water (second day),³¹.—Sticking pain in both temples, with painful sensation of fulness of the whole head (3d trit.),⁴.—[70.] Dull sticking pain in the left temporal region, lasting several minutes, disappearing on pressure, but returning on leaving off the pressure (seventh day),¹⁶.—Violent throbbing and pressive pains in both temples, lasting more than an hour, equally during rest and motion, frequently alternating with heat and redness of the face (second day),²⁰.—**Vertex.** A painful elevation on the vertex as large as a pea, lasting the whole day,²⁴.—Severe pressure and burning pain in the vertex, in the morning on waking, lasting an hour, but on rising after a short subsequent sleep it disappeared,²⁴.—Sensitiveness of the head on the vertex,²⁴.—**Parietals.** Dull burrowing headache in the posterior portion of the right parietal bone, paroxysmal, continuing only a short time, while lying in bed in the morning (one hour after 25 drops),⁶.—Rather severe sticking in the head, in the coronal suture of the right side,²⁴.—**Occiput.** Sensation as though a hot constricting band extended from one mastoid process across the occiput to the other; this region seemed tense and constricted; the condition became worse, until at last it affected the whole skull, in which the pain seemed to fix itself, and it seemed as though the bones became drawn closer and closer together, also involving the whole scalp (in which the pain appeared to be seated), and which seemed to be drawn tighter and tighter about the skull (second day),¹⁴.—Dull boring pain in the left side of the occiput towards the ear,⁶.—Indefinite drawing and pressing in the occiput, temples, and right eye,¹.—[80.] Pressure and sensation of warmth in the occiput, at 6 P.M. in a warm room,⁸.—Pressing pain in the occiput, with sensation as if

the scalp were swollen; this sensation extended to the left cheek and side of the nose.⁷—**External Head.** Gooseflesh at the roots of the hairs and bristling of the hair (second day),¹⁴.—Sensation as if the scalp were drawn tightly over the skull (after one hour),¹⁴.—Stitches in the occiput like the bite of a leech woke him from sleep and caused scratching,⁶.—Crawling pain in the scalp on walking, which obliges him to scratch (eleventh day),¹¹.

Eye.—Pressure upon the left eye, especially at the inner canthus,⁸.—**Brow and Orbit.** Frequent pressive pain in the superciliary ridges during the whole proving.²⁰.—Pressive pain in the orbits,²¹.—**Lids.** Slight agglutination of the eyes,²⁴.—[90.] Frequent twitching-like jerking in the left lower eyelid,⁶.—Slight burning in the margins of the lids,²⁴.—Feeling as though the margins of the lids were swollen,²³.—**Lachrymal Apparatus.** Increased lachrymation, especially in the open air, so that the eyes were constantly swimming in tears of a thicker consistence than natural,²⁰.—**Conjunctiva.** Inflammation of the conjunctiva of the eyes, to which he was subject,¹².—Conjunctiva of the right eye inflamed,¹².—**Ball.** Sensation as of a foreign body in the eyes between the lids and balls,²³.—Pressure in the left eyeball,²³.—Frequent smarting pain between the left eye and lid, as though a hair were between them,⁶.—Smarting-biting between the eyeballs and lids, as if a hair were between them, on waking in the morning, obliging him to rub them,⁶.—**Vision.** [100.] Sight much weaker than usual,¹².

Ear.—**External.** Constant pressive-tensive pain in the left mastoid process,⁶.—Drawing pain on the convex surface of the left concha, especially severe on touch,⁷.—Violent biting-sticking in the left antitragus,⁶.—A pressive sticking pain above and behind the left ear, increased to a painful burrowing congestion, that only seldom remitted, and when worst extended not only to the left side of the neck and clavicular region, but also to the last back teeth of the left lower jaw and the left side of the occiput,⁷.—Drawing-tearing pain upon and behind the left ear, followed by constant roaring in it,⁶.—Severe and deep stitches in front of the left ear, between the antitragus and zygoma,⁷.—Frequent biting stitches in the left antitragus,⁷.—Violent, pressive, throbbing pain in the left mastoid process, which at times increases to a burrowing from within outward, when warm in bed before midnight; when most severe it extends into the left ear, in the left occipital region, the last back teeth of the lower jaw, and along the sternocleidomastoid muscle to the left claviculo-pectoral region; on touch the parts pain as if suppurating,⁷.—Pain in the region of the right parotid gland, followed by a similar pain in the submaxillary gland under the tongue, with constant accumulation of saliva in the mouth,⁶.—**Internal.** [110.] Stoppage of both ears, with sensation of pressure in the meatus auditorius (sixth day),²⁰.—Sensation as if the external auditory passages were closed, with crackling in the right ear (aggravation of the usual roaring in the ear),¹².—Feeling as though the left ear were stopped, or the hearing impeded, with tensive-pressive pain in the left mastoid process, extending to the clavicular region of the left side and to the last back teeth of the lower jaw; aggravated by lying upon the ear, lasting the whole day, with short intervals,⁷.—Pressive pain in the right Eustachian tube, aggravated by turning the head to the right side and on swallowing; this occurred suddenly an hour before dinner, and suddenly and completely disappeared after warm soup (seventh day),².—Drawings in the right ear, and also at times in the left,²³.—Drawing in the right meatus auditorius, lasting the

whole evening,²³.—Frequent painful drawing within the right ear,⁶.—Painful cramplike drawing within the right ear,⁶.—A drawing pain within the right ear, which at times became sticking, with great roaring in the left ear,⁷.—Severe stitches in the left ear,⁵.—[120.] Violent stitches within the right ear, followed by aching in the back teeth of the right upper jaw,⁶.—Biting stitch in the right meatus auditorius, and in the right temporal region,⁶.—Transient drawing-twinging pain within the left ear,⁶.—Throbbing pain within the left ear synchronous with the pulse,⁷.—Rhythmical throbbing in the ear upon which he was lying (first day),¹⁴.—Tickling and itching in the left meatus auditorius, frequently repeated through the day, and afterwards becoming a pressure in the concha (third day),²⁰.—Tickling and voluptuous itching in both ears, from the external canal through the inner ear to the mouth, lasting only fifteen or twenty seconds,⁶.—Itching in the right external meatus auditorius, obliging him to bore in with the finger,⁷.—Itching and roaring in the left ear,⁶.—Much itching within the left ear,⁷.—[130.] Severe itching and roaring in the left ear,⁷.—Itching within the ear is especially noticed on going from the cold air into the warm room,⁷.—**Hearing.** Impaired hearing,²⁴.—Difficulty in hearing, as if the ears were stopped with cotton,⁵.—The left ear seems stopped, so that he hears less distinctly than usual,⁷.—Cracking in the left ear on empty swallowing,⁷.—Cracking in the left ear and a sensation as though earwax would flow from it, on swallowing saliva,⁷.—Loud ringing within the left ear, with bruised pain about the outer left ear, especially in the mastoid process; the pain extends down the left side of the neck to the clavicular and pectoral regions,⁶.—Great roaring in the ears, as from a storm in a forest,⁶.—Extremely troublesome roaring in the left ear,⁷.—[140.] Seething-roaring in the left ear,⁶ 7.

Nose.—Objective. Redness of the nostrils, with sensitive soreness in them (after 3d trit.),⁴.—Crusts form on the outer margins of the nostrils,⁵.—A yellowish pulverulent substance on the margin of the nostril,²⁴.—Sneezing, with cough and expectoration,⁵.—Violent sneezing,²¹.—Violent repeated sneezing in the morning, with discharge of mucus from both nostrils,¹³.—Frequent sneezing,⁵ 13. —Frequent sneezing, several times in succession,²⁴.—Frequent sneezing in the evening,²³.—[150.] Frequent sneezing, with dry cough,⁵.—Very violent paroxysms of sneezing, with burning in the mucous membrane of the nose and on the margins of the wings, as from pepper; these attacks of sneezing occurred nearly every half hour, but the burning of the nose was quite constant (third day),¹⁴.—Secretion of much mucus in the nose (third day),¹⁰ 24. —Secretion of much mucus in the nose, without the usual catarrhal symptoms,²⁴.—Very great secretion of mucus in the nose,²⁴.—Secretion of thin white mucus in the nose,¹².—Profuse discharge of thin mucus from the nose throughout the day,⁵.—Slight coryza, with sticking pain in both temples, rawness and soreness of the throat (third day after 3d trit.),⁴.—**Subjective.** Nose dry, stopped,¹.—Dryness of the mucous membrane of the nose and throat, somewhat relieved by water,⁵.—[160.] Dryness of the mucous membrane of the nose and throat, so that no mucus could be loosened, either by blowing the nose or hawking,²⁰.—On account of the dryness of the posterior nares he was frequently obliged to draw water through the nostrils; after the water he was able to dislodge some hard masses of mucus by blowing the nose, followed by relief for a short time,¹².—Pressive pain above the arch of the nose and in the frontal sinuses,¹².—Sensation of stoppage of the nose, with

watery discharge from it (3d trit.),⁴.—Itching in the nose, followed by frequently repeated violent sneezing (ninth day),¹⁶.

Face.—Redness of the face and hands, with distension and throbbing of the vessels (first day),¹⁴.—Crawling and drawing in the left side of the face and nose, corresponding in extent to the infraorbital plexus of nerves, and resembling prosopalgia (second day),¹⁴.—**Cheeks.** Crawling in the malar bones,²⁰.—Crawling, beginning in the left malar bone, extending across the back of the nose to the right cheek, repeated three times during the day (third day),²⁰.—Crawling sensation, extending from the right malar bone across the back of the nose to the left cheek, in the evening (second day),²⁰.—[170.] Sensation of heaviness in the left upper jaw, as if the teeth were pressed out of their sockets (third day),².—**Lips.** Small cracks in the lips, which seem covered with meal (eighth day),²⁰.—Sensation as though the lower lip were drawn from both sides towards the middle (frequently alternating with the pulsating beats in the heart),⁹.—On chewing, pain in the left articulation of the lower jaw, with cracking in it when swallowing,⁷.—Sensation of soreness in the toothless places of the lower jaw (sixth day),²⁰.

Mouth.—Teeth. Drawing in the left teeth,²³.—Sudden drawings in the teeth,²³.—The toothache continued for several days, so that he was obliged to have the old roots taken out; although this relieved the pain somewhat there remained an aching in the cavities for some time; he noticed that they bled much longer than usual in such cases,¹¹.—Very sore pain in the teeth and gum of the left upper and lower jaws, with great sensitiveness to touch, which waked him from sleep; he had scarcely changed his position (he was lying on the left side) when the pain disappeared,¹³.—Sensitiveness of the lower row of teeth, with sensation as though they were too long,²⁰.—[180.] Increased sensitiveness of the teeth for cold things,¹⁴.—Great sensitiveness of the teeth, on rinsing the mouth with cold water,²³.—Great sensitiveness of the teeth to cold water, in the morning,²³.—Constant drawing in the right lower incisors,²³.—Sudden drawing in the incisors and right meatus auditorius,²³.—Sensation in the lower row of teeth, as if one of the lateral incisors were grasped by cold fingers and forcibly drawn upward (6th dil.),²⁰.—Momentary jerking pains in the left lower canine teeth, after smoking,⁹.—Jerking toothache, especially severe in the left upper incisors and eye tooth, in the morning after waking, with a sensation as if cold air were blowing upon the teeth; this sensation continued the next day, increasing in severity, aggravated by inspiring air, or holding a cigar with the teeth; on the third day the teeth became very painful on biting them firmly together,⁸.—Slight pain in the last teeth of the left lower jaw,⁸.—Toothache in the hollow roots of a left upper third molar, which had been broken off a year before; this pain became a simple aching, relieved by neither warmth nor cold; the place was very sensitive to every touch (twentyeth day),¹¹.—[190.] Slight burrowing dull pain in the upper posterior right molars, in the morning on waking,⁶.—Drawing in the right back teeth,²³.—Drawing in the left back teeth in the forenoon,²³.—Awoke in the morning earlier than usual, after which he fell into a doze, which was interrupted by frequent painful shootings in the right hollow molar back tooth (second morning),¹.—The toothache, which awoke him two mornings in succession, increased in severity on the third day,¹.—**Gums.** Biting-sticking in the gum of the right anterior incisor, with great dryness of the mouth and frequent itching in the left external meatus auditorius,⁶.—**Tongue.** Small vesicles on the tongue,¹.—Tongue coated white,⁸; (fourth day),^{10th}.

—Tongue became so rough and dry that rubbing it against the palate caused an audible noise,⁵.—Tongue dry, coated brown, on waking in the morning,⁵.—[200.] Great dryness of the tongue and whole mouth, with much thirst and desire for cold water,⁷.—Biting-sticking on the left side of the tip of the tongue, with accumulation of much tasteless saliva in the mouth,⁶.—Biting sensation on the anterior part of the tongue, as from pepper,⁵.—**General Mouth.** Odor from the mouth, as from a disordered stomach,^{10b}.—Sourish odor from the mouth,^{10b}.—Slight redness of the arches of the palate (seventh day),²⁰.—The arch of the palate and fauces as far as visible slightly red; on the right arch of the palate pustules as large as mustard-seed,^{10b}.—Sensation as though the mouth and fauces were covered with velvet, immediately, lasting some hours,¹⁰.—Dryness of the mouth,⁶.—Dryness of the mouth, causing much thirst (sixth day),²².—[210.] Dryness of the mouth, with accumulation of mucus on the uvula (fourth day),²⁰.—Dryness of the palate, with great thirst (fourth day),²².—Dryness behind the arches of the palate,¹².—Slight burning in the mouth and throat (third day),¹⁶.—Tension in the arches of the palate,⁵.—Tensive pain in the arches of the palate on attempting to swallow, relieved by water,⁵.—Sticking and burning in the palate and tongue (sixth day),²².—Rawness of the mouth,⁵.—Rawness of the mouth and throat,⁹.—Rawness in the mouth and pharynx,^{10b}.—[220.] *Great sensitiveness of the mouth and fauces, so that rinsing the mouth caused cough and vomiting of thick masses of mucus,⁵.—Scraping in the arches of the palate,²¹.—*The arches of the palate became very irritable, so that loud speaking, or brushing the teeth, causes cough and vomiting,⁵.—Tickling irritation to vomit, in the palate in the morning; on rinsing the mouth with cold water it increases to real vomiting of mucus,⁵.—Talking or swallowing aggravated the painful sensation in the soft palate (fifth day),¹⁰.—**Saliva.** Salivation,¹⁹.—Increased salivation (first day),¹⁵.—Accumulation of saliva,¹⁸.—Accumulation of saliva in the mouth (eleventh day),²².—Accumulation of tasteless saliva in the mouth,⁵.—[230.] Increased accumulation of saliva in the mouth and erratic appetite, which obliged him to eat at a very unusual hour (noon), (first day),¹⁴.—Mouth seemed full of water the whole day (second day),²².—*Constant desire to spit, with metallic taste in the mouth (second day),¹⁵.—**Taste.** Sweetish taste,^{2b}.—Taste sweetish, bitter, slightly aromatic, on the second day; after 10 drops and after larger doses, bitter, causing nausea,²⁹.—Pasty taste,⁸.—Nauseous, flat taste,¹⁷.—Nauseous, flat taste in the mouth,¹⁸.—Nauseous, offensive taste (1st trit.),⁷.—Metallic taste,¹⁹.—[240.] *Metallic taste, with accumulation of water in the mouth,¹⁷.—Metallic taste confined to the tip of the tongue (third day),¹⁶.—Metallic taste, especially annoying when smoking (sixth day),¹⁵.—Unpleasant metallic taste (first day),¹⁵.—An unpleasant, almost metallic, and pasty taste (fourteenth day),¹¹.—*An unpleasant, sweetish, metallic taste in the mouth,²⁴.—(The first dose caused a bitter taste in the mouth),⁵.—Bitter taste throughout the day,⁵.—Bitter, nauseous taste,⁵.—Unpleasant, bitter, often nauseous taste,²⁷.—[250.] Extremely offensive, bitter, sour taste at the root of the tongue and entrance of the fauces, lasting the whole forenoon,²⁴.—Sharp, bitter, sour taste, especially towards the root of the tongue, provoking vomiting,²⁴.—Very offensive, sweetish, resinous taste in the mouth after a glass of water,²⁴.—Was able to eat but little dinner because the food was distasteful,²³.

Throat.—Objective. Slight redness of the inner throat, without difficulty in swallowing (after 3d trit.),⁴.—Hawking of mucus,¹⁷.—Hawking of mucus, with tickling in the larynx, followed by three short paroxysms

of cough (third day),¹⁶.—Frequent hawking of mucus,^{3b}.—Frequent easy hawking of mucus, in the afternoon (fourth day),¹⁶.—*Subjective.* Dryness in the throat,²⁷.—Dryness and scraping in the throat, especially on the palate, disturbing sleep,¹.—Dryness of the throat awoke him several times in the night, always relieved by cold water,⁵.—[260.] Dryness of the throat, as if it were full of dust, increasing till in the evening it was accompanied by burning in the arch of the palate,⁵.—Extreme dryness of the throat,⁶.—Sensation of dryness in the throat,⁶.—Sensation of dryness in the throat, immediately after taking the drug,²³.—Sensation of dryness in the posterior nares,¹².—The throat was dry, with painful tension on the right side, when swallowing,⁶.—Feeling as of commencing inflammation of the throat,^{3b}.—Burning in the throat and fauces like cramps, soon after taking,¹⁴.—Burning in the throat, with frequent attempts to hawk (third day),¹¹.—Burning in the throat, with hawking of mucus (sixth day),¹⁶.—[270.] Smoking caused an almost burning pain in the throat,⁵.—Burning in the throat and lips while smoking, increasing so that he was obliged to stop smoking,⁵.—Slight burning in the throat (second day),¹¹.—Excessive burning in the throat, somewhat relieved by drinking cold water (fourth day),¹¹.—Choking in the throat, with constriction commencing at the stomach and extending up into the throat,¹⁷.—Pressive sensation in the throat (eighth day),¹¹.—Sensation in the throat as if a crumb were sticking behind the larynx,⁶.—Sensation as if a hair were sticking in the throat, which caused hawking of various-colored mucus,³.—Gripping-sticking and constriction of the throat (fourth day),²².—Sensation of soreness in the throat (after 3d trit.),⁴.—[280.] Sensation of soreness in the throat, without difficulty on swallowing (after 3d trit.),⁴.—Scraping in the throat, with frequent expectoration of mucus,²³.—Scraping in the throat,²⁰.—Scraping in the throat, from morning till noon, relieved after dinner,⁵.—Slight scraping in the throat,²⁴.—Scraping sensation in the throat,¹³.—Scraping sensation in the throat which caused frequent paroxysms of cough, with expectoration of considerable mucus,¹³.—Rawness and scraping in the throat, as after highly seasoned food,²¹.—Rawness and roughness in the throat throughout the day, with a deep hoarse voice, somewhat relieved in the warmth of the bed, at night (second day),¹⁴.—[290.] Sensation of rawness in the throat, compelling frequent hawking of mucus,^{3b}.—Sensation of rawness in the throat and frequent expectoration of mucus, which was easily loosened,²³.—Sensation of rawness in the throat, and, in consequence, a very violent paroxysm of coughing, lasting nearly half an hour,²³.—Unpleasant sensation of rawness in the throat, the whole day (third day),¹¹.—Tickling in the throat,²⁶.—Tickling in the throat, in the morning, not allowing him to lie in bed, causing loud violent paroxysms of cough without expectoration, although there seemed to be considerable mucus collected in the throat; only after warm drinks the mucus was loosened and expectorated in large loose masses; the irritation to cough seemed to be especially in the uvula, the soft palate, and the mucous membrane covering the posterior wall of the fauces, and was characterized by only occurring in the morning, in bed, and being loosened after breakfast (consisting of weak coffee and milk), so that throughout the forenoon there was only a slight hawking, with expectoration of loose mucus (second day),¹⁴.—Tickling irritation to vomit, in the throat, in the morning,⁵.—Sensation as if a thread were hanging down the throat, with constant hawking of mucus,¹⁹.—*Throat symptoms were aggravated in warmth, especially in bed,*²⁰.—[300.] After the throat symptoms had lasted eleven days, I was obliged to take Lachesis as an antidote;

within five minutes after the 7th dil., I experienced relief; with the paroxysms of coughing, easy expectoration of lumpy mucus, followed by relief, quiet night; swallowing was quite free; the next morning the roughness of the throat had disappeared.²⁰—*Uvula and Tonsils.* Sensation as if the uvula were elongated, causing constant headache (sixth day),¹⁵.—Swelling of the right tonsil,¹².—*Fauces, Pharynx, and Œsophagus.* Burning in the fauces, every morning,¹⁴.—Irritation in the fauces, as if they were tickled with a feather,⁵.—Dark redness of the pharynx, with difficult swallowing (ninth day),²⁰.—Dryness in the pharynx, causing cough (ninth day),²⁰.—Dryness of the pharynx, obliging him to swallow, with slight scraping (first day),¹¹.—Sensation of dryness in the posterior wall of the pharynx,¹².—At noon, a sensation as if a piece of ice had slipped down the pharynx (fourth day),²⁰.—[310.] Sensation as of a plug in the pharynx,¹².—Pressure in the pharynx, especially on empty swallowing,²⁴.—A peculiar scraping in the pharynx, with slight constriction of the throat (third day),²⁵.—Burning in the œsophagus,⁹.—*Swallowing.* Constant desire to swallow, with a sensation as of a large lump in the pharynx, and great swelling and redness of the right tonsil,¹².—Difficulty in swallowing, in the evening; a sensation as if the larynx were swollen, with difficult speech,²⁶.—Unable to drink water (second day),²².—Sensation on swallowing liquids, as though they were forced downward by a spasm,⁹.

Stomach.—Appetite. Increased appetite,²⁷.—Good appetite for dinner and almost ravenous hunger for supper (second day),¹⁰.—[320.] Great appetite, or rather ravenous hunger, but he had scarcely eaten a spoonful of soup when the appetite disappeared and he ate without desire, though without aversion,²³.—Great appetite for dinner, which, however, was eaten without relish and with speedy satiety; the food, though light and easily digested, caused discomfort and pressure in the stomach, and frequent eructations, which did not relieve; the stomach was only somewhat relieved after repeated uprisings of food, whereby portions of it were thrown off (second day),¹⁴.—Appetite variable,¹.—Hunger at an unusual time, at 6 P.M., obliging him to eat; in spite of this frequent taking of nourishment he was not strengthened, but felt weary the whole day, and disinclined to work (second day),¹⁴.—Ravenous hunger, even soon after eating (second day),¹⁴.—Ravenous hunger for dinner, which, however, is very soon satisfied (tenth day),¹¹.—Sensation of hunger, even after eating (second day),¹⁶.—Sensation of hunger, even after eating (second day),¹⁵.—Unpleasant sensation of hunger; was obliged to eat much and often (second day),¹⁴.—Satiety, soon after eating dinner,²³.—[330.] Sense of satiety from water, with aversion to drinking (tenth day),²².—Loss of appetite,⁸; (after 3d trit.),⁴.—Loss of appetite (after 3d trit.),⁴.—Loss of appetite, without aversion to food (twentieth day),¹¹.—Loss of appetite, with increased thirst,⁵.—No appetite for breakfast, but afterwards ravenous hunger,⁵.—Aversion to food and drink,⁹.—Aversion to smoking (fourteenth day),¹¹.—*Thirst.* **Thirst*,⁵.—Thirst, especially in the morning,¹.—[340.] Thirst somewhat increased after eating,¹².—Great thirst, in the evening (tenth day),²².—Great thirst, in the evening, with longing for beer, after a glass of which he experienced pains in the whole of the head, with sensation of great weakness, so that he was unable to sleep before midnight (fourteenth day),¹¹.—Great thirst after eating; a large quantity of cold water caused unusual chilliness,⁵.—Aversion to coffee and water (third day),²².—*Eructation.* Eructations and inclination to cough (first day),²⁵.—Eructations of air,¹³.—

Loud spasmodic eructations of air, every evening,¹⁴.—Tasteless eructations (first and sixth days),¹⁵.—**Heartburn.** Heartburn, with tensive pain in the throat, in the afternoon,⁹.—[350.] Heartburn at night,⁵.—Heartburn, for two hours after eating,⁵.—Heartburn, while walking after smoking,⁹.—Heartburn, with eructations of almost corrosive fluid,⁹.—Severe heartburn, and pressure in the stomach, after wine,⁹.—**Nausea.** Nausea,^{9 10}.—Nausea in the stomach,¹⁸.—Nausea, with eructations of air,²¹.—Nausea, with inclination to vomit, in the morning (tenth day),²².—Nausea, with cramp in the stomach, and sensation of hunger,¹⁷.—[360.] Nausea, especially after a violent paroxysm of coughing, which brings water to the eyes,²⁴.—Constant rising towards the stomach, causing nausea (fourth day),²².—Some nausea (after 20 drops),²⁹.—Slight nausea, in the morning, after taking,²⁴.—Sensation of general nausea, in the morning on waking (second day),¹⁴.—The thought of drinking causes nausea and tendency to vomit,⁵.—Inclination to vomit,²¹.—Inclination to vomit, caused by slight griping sensation in the throat,⁵.—Slight inclination to vomit, relieved by some weak wine,⁵.—Retching,¹⁹.—[370.] Frequent retching,⁹.—Excessive retching, with great nausea and accumulation of saliva, in the morning on waking (fifth day),¹⁵.—**Stomach.** Distension of the stomach,²¹.—Distension in the stomach, immediately after rising, with retching rising up to the throat,⁸.—Flatulent distension of the stomach, after eating,⁹.—Emptiness of the stomach,¹⁸.—Sensation of emptiness in the stomach,¹⁷.—The sensation of crumbs in the throat seemed to frequently descend towards the stomach, and then to rise again, lasting the whole day,⁹.—Sensation as though a stone of the size of the fist were lying in the stomach,⁹.—Heaviness and pressure in the stomach,⁹.—[380.] Pain in the stomach,¹⁹.—Pain in the stomach, with a sensation as if a great ball were lying in it,¹⁹.—Several attacks of pain in the stomach, with commencing nausea and almost vomiting,²⁴.—Indefinite slight pain in the pit of the stomach and left hypochondrium,¹.—Burning and pressure in the stomach,²⁴.—Stomachache and flatulence (fifth day),¹⁵.—Fulness and sensation of pressure in the stomach, with pressing upward, and choking as far up as the fauces,⁸.—Sensation as though the stomach were too full, though he had eaten nothing, and as though it would be relieved by vomiting,⁹.—Sensation as though the stomach were swollen, after eating less than usual (first day),²².—Transient pain in the stomach, like a commencing cramp,¹⁷.—[390.] Cramplike aching in the stomach (first day),¹⁴.—Griping and sticking in the stomach (first day),²².—Slight griping, beginning in the stomach and extending to the cecal region, at times intermitting (fifth day),¹⁵.—Oppressive gnawing sensation in the stomach, soon after taking a drink,²⁴.—Pressure in the stomach (first day),²².—Pressure in the stomach, as from indigestion, the whole day,⁷.—Pressure in the stomach after a light dinner, as if it were overloaded with food; with a sensation as if this pressure extended upward to the fauces, lasting during the rest of the day until going to sleep,⁸.—Pressure in the stomach, as after drinking mineral water; for several moments I thought I would vomit, then the stomach became glowing hot, which was frequently repeated for several hours, followed by a sensation as though I had drunk too much water, which lasted the whole forenoon (first day),²².—Pinching pressure in the stomach,²⁰.—Pressive painful sensation in the epigastric region,¹.—[400.] Sticking pain in the pit of the stomach, on every inspiration, which, however, completely disappeared on expiration,⁶.—Violent sticking pain in stomach, on lying down in the afternoon, so severe that it brought tears, at last was obliged to sit, and remained sitting until overpowered by sleep

(second day),²².—Two dull stitches in quick succession, first in the fundus of the stomach, then in the cœcal region (first day),¹⁵.—Sensitiveness of the pit of the stomach to pressure (fourth day),¹³.—Sensitiveness of the epigastric region, especially the pit of the stomach, to pressure,¹⁷.—Sensitiveness of the pit of the stomach and the whole abdomen to pressure (eighth day),¹⁶.—Great sensitiveness to pressure in the pit of the stomach, afterwards extending over the whole abdomen,¹⁸.—Epigastric region painful to touch,⁹.

Abdomen.—Hypochondria. Burrowing, tensive, dragging, and drawing pain in the hypochondriac, pubic, and inguinal regions,¹⁸.—**Pains in the left hypochondrium, as from incarcerated flatulence; the pains extended to the left side of the back and lumbar vertebrae* (sixth day),²⁹.—[410.] **Burning drawing in the left hypochondrium*, waking him at night, relieved by application of the warm hand, so that he fell asleep (third day),¹⁴.—Dragging in the hypochondriac and pubic regions, with discharge from the vagina,¹⁸.—Slight transient stitches in the left hypochondrium, extending up into the thorax of that side, in the forenoon, while walking (second day),¹⁴.—**Burning drawing in the region of the spleen*, and extending up into the left side of the chest, with frequent, constant, violent stitches (third day),¹⁴.—Dull stitches in the spleen, which gradually change to a sensation of fulness in the left hypochondrium (second day),¹⁴.—Transient severe stitches at times in the region of the spleen (sixth day),²⁰.—**Umbilical and Flanks.** Transient griping in the umbilical region,¹⁸.—Cutting pain in the umbilicus, on account of which she dreaded every motion, because the pain was aggravated thereby (after 3d trit., fifth day),⁴.—Pain about the navel, at times extending towards the ilium and its vicinity,¹.—Digging pain about the navel,².—[420.] Pain in the navel, and deep in the cœcal region,³⁰.—Sticking pain in the right flank, extending from the border of the false ribs to the right side of the back, aggravated by pressure with the hand, relieved by passage of flatus,⁶.—**General Abdomen.** Distension of the abdomen, with sensitiveness of the pit of the stomach to touch (first day),¹⁶.—Flatulent distension of the abdomen,²⁴.—Noises and movements of flatus in the bowels, relieved by short passages of flatus (first day),¹⁴.—Rumbling in bowels,³⁰.—Rumbling in the intestines,²⁴.—Rumbling in the abdomen, with pain in the loins and small of the back (fourth day),¹⁶.—Continual rumbling in the abdomen, beneath the right short ribs,⁶.—Constant rumbling and gurgling of the bowels (fourth day),¹⁴.—[430.] Painless rumbling in the intestines after eating,²⁴.—Painless, long-continued, annoying rumbling and gurgling in the intestines,²⁴.—Audible rumbling in the intestines, constantly troublesome, so that I was obliged to forego my midday nap; while walking up and down the room these borborygmi were relieved by short and slight passages of flatus (second day),¹⁴.—Flatulence, while eating (first day),²².—Much flatulence,^{12 29}.—Profuse passage of flatus,²⁴.—Passage of odorless flatus,¹⁸.—Pain in the abdomen, followed by pasty stool, accompanied by chilliness,⁵.—Fulness of the abdomen, as if he had eaten too much (fifth day),¹¹.—Griping in the abdomen, above the pelvic region, as from incarcerated flatus, relieved by passage of flatus,⁶.—[440.] Griping in the abdomen and pasty evacuation,⁵.—Griping in the abdomen, followed by diarrhoea, on waking in the morning (second day),¹⁶.—Slight griping in the intestines after eating,²⁴.—Slight griping in the bowels, with frequent ineffectual urging to stool (second day),¹⁵.—Slight griping in the abdomen, followed by liquid stool, after dinner,⁵.—Severe griping in the bowels on waking, relieved after stool (third day),¹⁵.—Violent griping in

the abdomen, in the morning, followed by some liquid stools, repeated three times during the day,⁵.—Violent griping in the abdomen,*with headache,¹⁹.—Twisting pain deep in the abdomen, on the left side of the vertebral column, whetlier in the kidneys or uterus (?), (sixth day),²⁹.—Cutting pains in the abdomen,⁵.—[450.] Pains in the abdomen, extending towards the hypochondriac region (apparently to the bladder); not a sensation as though menstruation would occur, but sticking pains, here and there (fifth day),²².—*Hypogastrium*. Audible moving in the lower abdomen towards the genitals; followed by fine sticking as with needles, from the bladder along the whole urethra to the glans penis, while sitting, frequently recurring during three minutes,³.—Sensation of fulness in the abdomen, mostly in the hypogastric region (fourth day),¹⁶.—Sticking-drawing and dragging pains in the inguinal, hypochondriac, and pubic regions,¹⁸.—Dragging downward, as during the first day of menstruation, with frequent urinating (ninth day),²².—Cutting in the lower abdomen, with passage of much odorless flatus,²³.—Stitches in the left groin (second day),²⁰.

Rectum and Anus.—*Rectum*. Burning pain in the rectum, following the stool (first day),²⁰.—Sticking in the rectum,³⁰.—Sticking pains in the rectum with every stool, for several days, much worse on the ninth day, with great exertion to stool, when it lasted several hours, always aggravated on walking (ninth day),²².—[460.] Violent jerking and boring stitches in the rectum, constantly jumping to the neck of the bladder and along the ureters to the kidneys, and at last disappearing (fifth day),²⁰.—

Anus. Much secretion of moisture in the fissure between the nates and anus,²⁴.—Slight burning in the anus,²⁴.—Severe twinges in the anus, after moderate exercise,²⁴.—Slight crawling in the anus,²⁴.—Rather severe itching in the anus,¹².—*Urging*. Urging to stool, followed by hard fæces,¹⁷.—Urging to stool, frequently ineffectual,³⁰.—Frequent urging to stool, without result (fourth day),¹⁶.—Frequent ineffectual urging to stool, followed by three evacuations, relieving the pains in the lumbar and sacral regions (ninth day),¹⁶.—[470.] Diarrhœa-like urging to stool, followed, however, only by a pasty-like evacuation, with much flatulence,⁶.

Stool.—*Diarrhœa*. Some diarrhœa,¹⁹.—Three soft stools mingled with hard lumps, during the day,⁹.—Two soft stools, in quick succession, on the third day, soon after taking the drug,¹².—Soft stool, preceded by griping about the umbilicus, at 11 A.M., twice repeated in the afternoon (third day),¹⁰.—Very copious soft stool (seventh day),¹⁵.—Copious stools after walking (fourth day),¹⁶.—Daily copious pasty stool (unusual),^{3b}.—Very profuse, pasty, not offensive evacuation, with much flatulence and decided relief, an hour after eating (follows constipation for a week), (eleventh day),¹¹.—Stool, with straining, with slight burning and protrusion of the hæmorrhoids, consisting of fæces enveloped in mucus (first and second days),¹⁴.—[480.] Stool with straining, fæces gluey; stool followed by spasmodic, exceedingly troublesome pain in the rectum, just at the lower end of the sacrum, for a short time,¹².—Stool irregular, throughout the whole proving,¹.—Stool normal, first and second days; hard, third day; much pasty stool, fourth day; one normal, another thin, after four hours, fifth day; an unsatisfactory hard stool in the afternoon, sixth day; the same, seventh day; no stool, eighth day; very copious pasty stool, ninth day; scanty hard stool, tenth day; no stool, eleventh day; the stools before the proving were very irregular, sometimes hard, sometimes thin, pasty; (normally they occurred twice a day),²⁹.—*Constipation*. Hard dry stool (fifth day),¹¹.—Hard unsatisfactory stool, the first after six days

(eleventh day),¹¹.—Stool delayed from 8 A.M. to 2 P.M. (first day),¹².—No stool (third and fourth days),¹¹.

Urinary Organs.—Kidneys and Bladder. Very painful sensation in the region of the kidneys and bladder (eighth day),²⁹.—Drawing pain beginning in the right kidney and extending along the ureter to the bladder, at 5 A.M., waking him from sleep,¹³.—Dull pressive pain in both kidneys, especially in the right, which was particularly noticed on pressure, or on moving the upper part of the body, during the day, disappearing towards evening; the next day it returned more severe than ever and extended to the bladder, relieved by frequent passage of flatus,¹³.—[490.] Almost incessant sensation of soreness in the region of both kidneys, which gradually extended to the bladder, especially into the sphincter, accompanied by frequent urging to urinate, and increased secretion of dark urine,².—Much painful drawing in the region of the left ureter (seventh day),²⁹.—Pain in the region of the bladder, with ineffectual urging to urinate, waking him from sleep in the night (seventh day),²⁹.—Sensation of tension and fulness in the bladder, without leading to micturition; this tension remained even after micturition,⁵.—Cramp, heat, and coldness constantly alternating in the region of the urinary bladder (fourth day),²².—Pressure on the bladder (tenth day),²⁹.—Severe pressure in the bladder, and constant urging to urinate, relieved after micturition (seventh day),²⁹.—Repeated attacks of severe pressure on the bladder; cutting pain in the hypochondriac region, whereby he became very hot in the face (sixth day),²⁹.—Sensation of pressure and heaviness in the bladder, especially in the forepart towards the urethra, with constant urging to urinate and frequent discharge, of normal color, slightly acid in the forenoon (soon after taking),³.—Very violent twisting pain in the neck of the bladder, lasting a quarter of an hour, not relieved by micturition nor by passage of flatus,²³.—[500.] Severe, long-drawn stitch, extending from the kidney along the ureters to the bladder (twelfth night),²⁹.—**Urethra.** Pain in the urethra on urinating, as from an obstruction,¹³.—Burning in the urethra, during the passage of urine (eighth day),²⁹.—Slight burning in the urethra, while urinating,²⁴.—Pain in the urethra on urinating, violent, burning, with a sensation as though there were a small stone in the urethra,¹³.—Excessive burning along the urethra, with at times almost intolerable prickling at its orifice; after urinating the burning and tickling disappeared, but the latter occurred during the day previous to much micturition (third day),¹¹.—Stitches and constant dull pain in the urethra, in the region of the navicular fossa,¹³.—Transient stitches in the urethra, in the forepart of the glans penis, at 11 P.M. (second day),³.—Stinging and tickling at the orifice of the urethra,³⁰.—Very slight tickling in the forepart of the urethra twice before urinating, as if dull needles were suddenly forced into it (fifth day),¹¹.—[510.] Itching and biting at the orifice of the urethra, so that he was obliged to rub it (first evening),¹⁴.—Itching in the orifice of the urethra (eleventh day),¹¹.—Violent itching in the orifice of the urethra (fifth day),²⁹.—Violent itching at the orifice of the urethra, in the evening (fifth day),²⁹.—Very violent jerking and dull sticking pain in the forepart of the urethra, especially in the glans penis, which caused loud complaints, lasting a minute and a half,³.—Urging to urinate,³⁰.—Urging to urinate, immediately after taking,²³.—Frequent urging to urinate,²¹.—Frequent urging to urinate throughout the night, without result (third day),²⁹.—Frequent urging to urinate, with passage of urine clear as water,³.—[520.] Frequent sudden urging to urinate,¹³.—Great urging to urinate, in the morning,⁵.—Very

great urging to urinate, although he was obliged to wait a long time before the urine passed (eighth day),²⁹.—Twice awakened by desire to urinate, which was only accomplished after long waiting and much exertion,¹³.—Irresistible desire to urinate,¹³.—**Micturition.** Frequent micturition,²⁵; (ninth day),²².—Frequent micturition, nearly every hour, in the afternoon,²³.—Frequent micturition, especially disturbing him at midnight, and 4 A.M. (first night),¹⁴.—More frequent micturition (third day),¹¹.—Frequent urination (ninth day),²².—[530.] Frequent evacuation of saturated urine (first, second, and other days),²⁰.—Evacuation of pale odorless urine, almost every hour (first day),¹⁴.—Frequent passage of large quantities of urine, the whole day,³⁶.—Frequent passage of watery urine, which seems heavy and as thick as oil,³⁶.—Frequent copious discharge of pale-yellow urine (secondary),²³.—Increased secretion of urine (sixth day),¹⁵.—Urine profuse,¹³.—Copious evacuation of urine as clear as water, followed in the afternoon by discharge of dark-colored urine, with much sticking along the urethra, especially near the glans penis, lasting several minutes,³.—The amount of urine passed was greater than the amount of water taken,¹³.—Micturition seldom (second day),¹⁴.—[540.] Micturition more seldom than usual (fourth day),¹¹.—The frequency of micturition was diminished in spite of frequent urging to urinate; ordinarily urine was passed eight times a day, but during the proving only six times,²⁹.—Diminished secretion of urine,²³.—The quantity of urine during the proving was diminished, indeed soon after taking 15 to 20 drops in a day and a half; the diminution remained the same, even with the largest doses, from 100 to 400 drops and more in one day; (fourth day) there was relative increase in the quantity of urine (45 ounces); the diminution amounted to half the normal quantity,²⁹.—Urine scanty, dark-colored, very ammoniacal and very concentrated (second day),¹⁴.—Very scanty secretion of urine through the night,²⁴.—Retention of urine until there is excessive urging, when it is passed very slowly and painfully; sometimes there is also sticking-jerking on urinating, extending into the sore pudenda (fourth day),²².—Waiting a long time for the stream of urine (tenth day),²⁹.—Slight strangury, in the evening,²⁶.—**Urine.** Urine yellow and turbid (fourth day),¹¹.—[550.] The color of urine was at first straw-yellow, on the third day it became lemon-yellow, on the sixth light-brown, then brownish-red, and finally red,²⁹.—Urine red, scanty (fifth night),¹⁰.—Urine thinner than usual and hot, at 9 P.M. (second day),³.—Urine acid, always causing burning (fifth day),²².—The urine was acid, much more so than normal (this acid reaction seemed to depend upon the Coccus acid),²⁹.—Urine turbid, cloudy,²⁰.—The freshly voided urine was always clear, and would stand several hours and even three or four days, without becoming turbid; on the fourth day it would become turbid after one to three hours; on the sixth day it began to decompose in half an hour,²⁹.—The first traces of mucus in the urine were seen on the fourth day, forming in part flakes, clouds, and threads, mixed largely with the sediment,²⁹.—Urine deposits a brick-red sediment (which on shaking the vessel mixes easily with the fluid),²⁸.—Brick-red sand deposits after the urine has stood a long time,⁷.

Sexual Organs.—Male. [560.] Erections towards morning, greater than usual,¹².—Frequent erections (third day),²⁹.—Frequent erections at night, also during the day,²⁹.—Fine itching stitches here and there in the glans penis, then in the scalp, or in the skin of the abdomen,²⁰.—Dull throbbing in the glans penis, with tickling in the urethra (third day),²⁰.—Itching in the glans penis (tenth day),²⁹.—Much itching on the glans penis

(tenth day),²⁹.—Drawing sticking in the right testicle, extending into the inguinal region, very transient,³.—Night tormented by great sexual desire and voluptuous dreams,¹³.—Sexual desire much excited on waking (eighth day),¹¹.—[570.] Very great sexual desire,²³.—Extreme excitement of sexual desire,¹³.—Sexual excitement, first four days,¹⁴.—Great sexual excitement (towards the end of the proving),²⁴.—Lasciviousness, with lascivious actions, without erections, in the morning,⁵.—Great lasciviousness, in the morning, with erections,⁵.—Lascivious mood,³.—Emissions, at 5 A.M.,²³.—Emission, with diminished sexual desire at night (sixth day),¹⁵.—Emission at night, without dreams.²⁰.†—**Female.** [580.] Great swelling of the pudenda, especially towards the front; they are very sensitive; it seems as though there were a swelling in these parts, for the orifice of the urethra seems so contracted that the urine flows slowly over the sore parts, often with very severe burning; frequent discharge of fluid which is very painful; it, however, does not seem to be leucorrhœa, since the discharge is very thin (first day),²².—The swelling in the pudenda increased, became hard and hot (second day),²².—The swelling of the labia, with the urinary troubles, lasted eight days, and gradually disappeared,²².—Discharge of mucus from the vagina, preceded by drawing-dragging pain in the inguinal, hypochondriac, and pubic regions,¹⁷.—Sensation as though the pudenda were swollen, as I believe they were (seventh day),²².—Sudden burning and throbbing in the pudenda, with great sensitiveness,²².—Shooting pain, like electric shocks, in the pudenda (first day),²².—Menstruation three days too early, more profuse than usual, black and thick,¹⁷.—Menstruation three days too early, lasting too long, with unusual sensation towards the close (which usually occurred at the beginning), a tensive constriction in the abdomen, rising up towards the stomach as though I should vomit water,²².—Menstruation seven days too early, black and thick,¹⁸.

Respiratory Organs.—Larynx, Trachea, and Bronchi. [590.] **Collections of mucus in the air-passages*,¹³.—Scraping in the air-passages and irritation to cough,²⁸.—**Rawness of the air-passages, which frequently compelled him to cough* (second day),¹⁰.—Inclination to cough,²⁶.—Irritation to cough, followed the next day by short dry cough (first day),²⁵.—Sensation of burning after every paroxysm of cough (fourth day),¹⁰.—Roughness during and after speaking,³⁶.—Catarrh of the larynx and air-passages,⁵.—Choking and sensation as if a crumb stuck behind the larynx,^{10b}.—**Sensation as though a crumb of the size of a walnut were sticking behind the larynx, which obliged him to swallow constantly* (second proving),⁹.—[600.] Irritation to cough in the larynx in the evening, interrupting sleep at night,⁵.—Pain and rawness in the larynx, after speaking a short time,³⁶.—Burning sensation behind the larynx, as from a corrosive fluid,⁹.—Stitches in the larynx, with a hoarse voice (third day),²⁰.—Fine stitches in the larynx,²⁶.—Scraping in the larynx and trachea, the whole day (third day),²⁸.—Slight scraping in the larynx, provoking hawking and cough (after one hour),²⁸.—**Scraping sensation in the larynx, causing some paroxysms of cough, with expectoration of little balls of mucus*,¹³.—Tickling in the larynx, followed by hacking cough (sixth day),¹⁶.—**Tickling in the larynx, very violent, waking him at 11.30 P.M., causing cough, with expectoration of much tenacious mucus, for ten minutes*,²³.—**Voice.** [610.] **Fatigue of the vocal organs, even after speaking without exertion; the voice becomes rough and hoarse; respiration is somewhat laborious*,²⁴.—The vocal organs become weary

† A very rare occurrence, not noticed since my last Sulphur proving.

after talking a long time, with a hoarse voice,²⁴.—Huskiuess of the voice, which has a deep tone, often noticed on going from the room into the open air,^{3b}.—*Hoarseness* (after 3d trit.),^{4,5}; (seventh day),²⁰.—Hoarseness, at times very decided (towards the end of the proving),¹.—Hoarseness in the morning,^{3c}.—Hoarseness towards evening,²¹.—Slight hoarseness, in the evening (third and fourth days, and subsequently),²⁸.—Hoarse voice (third day),¹⁰.—Hoarse voice in the morning, with much mucus in the throat, which compels violent hawking, whereby some tenacious mucus is expectorated (ninth day),¹¹.—[620.] Voice hoarse and rough; in the afternoon (first day),¹⁴.—Voice hoarse and rough, with irritation to cough, slight paroxysms of cough, and hawking of mucus, relieved by rinsing the mouth with tepid water or eating warm food, every morning,¹⁴.—Voice somewhat as though he had not spoken for a long time, at first somewhat hoarse, but soon becoming clear (third day),¹¹.—*Cough and Expectoration*. Cough caused by constant irritation in the bronchi and larynx, which made the soft palate so painful that even swallowing the saliva or food was difficult (fourth day),¹⁰.—Cough woke him at 1 A.M., he was unable to fall asleep again on account partly of the cough, partly of a burning sore sensation in the lungs, and partly of the pressing headache; he slept uneasily from 6 to 7 A.M.; on waking the headache was less, but the chest troubles continued with their previous severity (second night),¹⁰.—Cough, especially from 10 to 11 A.M. (tenth day),¹¹.—Cough seldom, only in the forenoon, in single paroxysms, not racking (ninth day),¹¹.—Cough, especially severe in the evening, and troublesome on account of sensation of soreness and subsequent burning in the chest (second day),¹⁰.—**Cleaning the teeth provoked violent cough, which was followed by vomiting of a slimy fluid*,⁵.—Was unable to speak in a very hot room on account of excessive coughing (eleventh day),¹¹.—[630.] Cough aggravated by the warmth of the stove,²³.—The ordinary smoking provoked cough, after dinner,⁵.—Cough better in the evening and night,²⁵.—**Paroxysm of tickling cough, ending with expectoration of mucus*,²³.—Frequent paroxysms of cough, as from tickling in the larynx and pharynx (eighth day after 80 drops),²⁹.—Short paroxysms of cough,².—Dry cough in the morning, lasting several minutes, causing vomiting of mucus,⁵.—Dry cough at night, lasting half an hour, caused by tickling in the air-passages; in the morning, the cough became looser, with easy expectoration (twentieth night),¹¹.—Dry cough, with some pain, especially in the apices of the lungs (third day),¹⁰.—Dry cough, afterwards the cough became loose, with slight mucous expectoration,¹.—[640.] At times dry cough, at times expectoration of thick mucus, for several days,²⁴.—Frequent dry cough, with expectoration of offensive sweetish mucus, seldom yellow,^{10b}.—Frequent short dry cough, caused by irritation in the trachea, during the forenoon,²⁴.—Frequent dry hacking and hawking, with increased thirst,¹.—Wakened twice at night by dry cough (third night),¹¹.—The accustomed smoking repeatedly caused dry cough,⁵.—Constant dry cough in the morning,⁵.—Short dry cough (after 3d trit.),⁴.—Very short, dry, hacking cough,²⁴.—Cough racking, dry, and painful (fourth day),¹⁰.—[650.] Paroxysm of coughing, repeated in the warmth of the bed at night, lasting from 2 to 3.30 A.M.; the cough became again dry and left an aching in the throat, as if it were fatigued, with heat and sore burning (eleventh day),¹¹.—Violent, long-continued cough, without expectoration, after waking in the morning,⁵.—*Awoke at 6 A.M., cough intermittent for several minutes, at first barking, clear, and dry, afterwards becoming looser, with expectoration of some tenacious mucus, the hawking of which pro-*

voked vomiting several times; with sensation of soreness in the throat and pressive frontal headache; the cough was relieved on rinsing the mouth with cold water and drinking a few swallows, which was very refreshing to the sensation of heat in the throat; this latter, however, returned after half a cup of warm milk, but was not as severe as before; although the weather was very unpleasant, yet did not cough in the street, and only a few times on going into a very hot room (fourth day),¹¹.—Cough, with expectoration of lumpy mucus,⁵.—***Cough, with expectoration of a large quantity of viscid albuminous mucus,**²³.—Cough, with constant tickling in the bronchi about their bifurcation, caused by a feeling as though a plug of mucus were moving in the chest, in spite of profuse expectoration of mucus (fourteenth day),¹¹.—**Cough returned punctually at 6 A.M., as yesterday; it troubled him through the day and about 3 P.M. (an hour after eating), vomiting resulted in consequence of an incessant coughing; previous to this he had drunk a glass of cold water without relief; after this renewed vomiting, followed by relief; there was considerable tenacious expectoration (fifth day),*¹¹.—Frequent cough, with expectoration, through the night (sixth night),¹⁰.—Frequent cough, with considerable expectoration (towards the end of the proving),¹.—Paroxysm of cough, with easy expectoration of grayish, gelatinous, lumpy mucus,²¹.—[650.] **Short paroxysms of cough, repeated three times before going to bed, and followed by easy expectoration of globules of mucus (first day),*²⁰.—Cough in short paroxysms, with easy expectoration of greenish lumpy masses,²⁰.—Slight paroxysms of cough, with expectoration of round masses of grayish mucus (second day),¹⁴.—Morning cough, with easy expectoration, which was slimy and mingled with very tenacious threads (eighth day),¹¹.—Expectoration increased, tough and sweet, on the fifth day; on the sixth day it became lumpy and of a grayish-blue color, and was expectorated with less exertion; on the seventh day it became still looser,¹⁰.—Expectoration of easily loosened mucus,¹.—Expectoration of yellow, sour mucus (sixth day),¹⁵.—Expectoration of thick mucus,²⁴.—Expectoration of lumpy mucus.²⁴.—Expectoration of lumpy yellow mucus after slight hawking,¹³.—[670.] Expectoration of yellowish mucus, which had a tinge of red, and tasted sourish-sweet (second day),¹⁶.—Expectoration of large masses of whitish-gray mucus,²⁵.—Towards evening the cough was accompanied by some expectoration (fourth day),¹⁰.—Frequent expectoration of mucus,²⁴.—Frequent expectoration of mucus, alternating with dry hacking cough,²⁴.—Frequent expectoration of thick nauseous mucus,²⁴.—Frequent expectoration of easily loosened mucus, in the afternoon,²³.—Frequent slight expectoration of white mucus in lumps as large as a pea from the larynx, with a dry sensation in the mouth, extending into the fauces (symptoms noticed even at the beginning of the proving and which constantly recurred),³.—After making great exertion, some mucus was raised by the cough; this was greenish-yellow, and almost as sweet as sugar-cane (fourth day),¹⁰.—**Respiration.** Hot breath,^{7b}.—[680.] Short, oppressed breathing, after rising,²⁴.—Involuntary deep inspiration, frequently while walking, with some relief from yawning (second day),¹⁰.—**Difficult breathing,*²⁷.—Respiration more difficult than usual while walking (fifth day),²².—Dyspnoea and oppression of the lower portion of the chest (first day),¹⁴.

Chest.—Increased vigor of the thoracic organs,²⁷.—Sneezing was impossible on account of the violent pain in the lung,²².—Sensation of heat deep in the chest, which became so severe momentarily that it caused burning, especially in the præcordial region,⁹.—A suffocative sensation, as though the thorax were too narrow; this symptom was aggravated by drinking

beer (seventh and eighth days),¹⁰.—Pressure upon the chest, with hoarseness,².—[690.] Severe pressure in the chest in the evening, followed by ulcerative pain in the præcordial region,²⁰.—Frequent dull sticking pressure in the region of of the bend of the fifth and sixth ribs (first day),²⁰.—Sensation of pressure, weakness, and bruisedness of the chest,^{3b}.—Pressive sensation in the chest, with at times increased sensitiveness about the left nipple,².—Pinching-pressive pain in the middle of the chest,^{3b}.—Oppression of the chest,^{3b} ²⁴.—Oppression, with soreness of the whole external chest (fourth day),²⁰.—Oppression of the chest and soreness of the apices of the lungs on ascending a hill, a sensation as if he had run too violently,^{10b}.—Some oppression of the chest, in the forenoon while speaking,²⁴.—Frequent oppression of the chest,²¹.—[700.] Transient oppression of the chest (eighth day),¹⁶.—Sticking in the lower part of the chest,³.—Transient sticking pain in the ribs and præcordial region, in a place of the size of a dollar, which on pressure feels as if suppurating,⁶.—Stitches in the upper part of the chest,²⁰.—Fine stitches in the walls of the thorax, especially in the epigastric region, on uncovering the abdomen,^{3b}.—Sensation of soreness in the apices of both lungs, with transient chilliness in spite of very warm temperature, when walking (first day),¹⁰.—Sore pain in the chest beneath the clavicles, with much affection of the air-passages,¹³.—Sore pain in the lungs became at times dull sticking or slightly boring, and sometimes seated in the pleura and pericardium; at another time it seemed deep in the lungs and heart, and at the same time seemed to be associated with stronger beats of the heart (second day),¹⁰.—Very sore pain, with pressure and tension in the chest and pulsating throbbing, especially in the apices of the lungs, following the sensation of heat (second day),¹⁰.—The symptoms in the chest became gradually worse, the sore pain became burning, and frequently changed its seat, but it affected most the heart and apices of the lungs, with irritation to breathe deeply and to cough (second day),¹⁰.—[710.] Frequent sensation as though a vessel were pulsating here and there in the lungs (first day),¹⁰.—*Front.* Burning beneath the sternum,²⁴.—Painful pressure in the middle of the sternum, extending from before backward, coincident with a similar pain between the shoulder-blades, extending from behind forward, in the forenoon while walking (second day),²⁰.—Sensation of pressure in the middle of the sternum, extending to both scapulæ (after 3d trit.),⁴.—Feeling as if the lungs were affected by fine stitches behind the middle of the sternum,^{3b}.—Sensation of soreness and pressure beneath the sternum,²⁴.—*Sides.* Slight burning and sticking between the ribs, first left, then right (fourth day),¹⁶.—Tensive pain in the upper part of the left chest (first day),²⁰.—Tensive pain in the upper part of the left chest near the clavicle, especially noticed during the day, and aggravated by moving the left arm (eighth and ninth days),²⁰.—Drawing pain in the region of the left clavicle, aggravated by lying upon the left shoulder,⁶.—[720.] Sticking, not very painful, in a small circumscribed spot in the middle of the first false rib of the left side, after going into the street, ceasing when quiet in the room,³.—Sticking pain in the left side, extending forward towards the sternum, with pressive pain on the chest,⁴.—Sticking pain in the left side of the chest, in a circumscribed spot, aggravated by walking, but not by deep breathing,³.—Pressive sticking pain in the lower portion of the right lung, immediately after rising in the morning; the pain was very severe, especially on deep inspiration, but was not affected by motion,²³.—Stitches in the left half of the chest, especially on rapid walking,²⁰.—Stitches in the left upper half of the chest, aggravated towards evening,²¹.—Stitches in

rapid succession in the region of the left nipple, which disappear on paying attention to them, and do not return (fourth day),².—Stitches in quick succession at the greatest curvature of the last true ribs of the left side (60th dil., second day, also second day after 30th dil.); they appeared while sewing, and were aggravated by walking or ascending steps, but not by deep breathing; relieved during rest,⁴.—Some stitches in quick succession in the lower left side of the thorax, in the forenoon when walking in the street, also returning in the evening (second day),³.—Transient, very painful stitches, at times in the left, at times in the right side of the chest,²⁷.—[730.] Very transient stitches between the sixth and seventh ribs, first in the left and then in the right side (sixth day),¹⁵.—Dull stitch in the lower lobe of the right lung, on deep inspiration, at 4 P.M.,²³.—Fine stitches in the right half of the chest along the sternum,²¹.—Frequent fine stitches between the fifth and seventh left ribs, disappearing on deep inspiration, and immediately returning on expiration (third day),¹⁶.—Deeply piercing, sharp stitches in the upper part of the left chest near the clavicle, followed by long-continued ulcerative pains, frequently repeated for several days, and seeming similar to a commencing tuberculosis (third day),²⁰.—Severe piercing stitches near the left nipple,²⁰.—Several biting stitches on the margin of the left false ribs between the stomach and left flank (deeply seated),⁷.—Sensation of soreness at the apex of the left lung, with at times pulsating sensation that constantly alternated with slight contraction of the lower lip (like cramp in the skin),⁹.—Bruised pain in the region of the left clavicle, which pains as if sprained, on moving the head or left arm, or when lying on the left shoulder,⁶.—Bruised pain in the region of the left clavicle, aggravated by moving the arm, and changing while lying to a pain in the left shoulder, as if sprained,⁶.—[740.] Bruised pain in the left clavicular region, on waking from sleep in the morning,⁶.

Heart and Pulse.—Præcordium. An indefinite pain in the heart, which was not seldom interrupted by the beating of the pulse; sensation as if everything were forced towards the heart; towards evening of the same day throbbing pain in the heart, with at times pulsations on its upper surface,⁹.—Pressure in the præcordial region,¹³.—Pressive burrowing pain in the region of the heart, on rising, continuing the whole time he was driving, and only disappearing on leaving the carriage,¹³.—Severe pressive pain in the præcordial region, with palpitation, at night,¹³.—Dull stitches through the heart from time to time, with throbbing in it, which seemed to be audible, but was not perceptible to the hand (third morning),¹⁰.—Constant sensation of soreness in the heart from morning till noon (sixth day),¹⁰.—Throbbing, like a violent pulsation, now in the heart, in the middle of the chest, now in the apices of the lungs; throbbing, consisting of several beats in rapid succession, followed by five to ten minutes' intermission until it appeared at another place (first day),¹⁰.—Sensation as though an artery were pulsating very rapidly on the upper surface of the heart, repeated several times while walking,⁹.—**Heart's Action.** Tumultuous action of the heart, while lying down after dinner (first day),¹⁴.—[750.] Palpitation, causing anxiety, lasting several minutes (second day),¹⁶.—Frequent palpitation at night, waking him from sleep,¹³.—Sudden violent palpitation, as from great fright, lasting twenty to thirty seconds, whereby the whole body was shaken, waking him about midnight from a doze, and recurring with constantly decreasing severity,⁷.—**Irregular beating of the heart in rapid succession, causing anxiety, after eating*,⁶.—**Pulse.** Pulse accelerated,¹⁶;

(after 3d trit.),⁴.—Pulse accelerated, tremulous (first day),¹⁴.—Pulse moderately accelerated,²³.—Pulse 64 (fifth day after 3d trit.),⁴.

Neck and Back.—**Neck.** Transient pain in the neck between the second and third cervical vertebræ,¹².—Great tension in the left cervical muscles, on waking in the morning, disappearing after rising,²¹.—[760.] Sticking pain in the nape of neck,¹.—Sticking pain in the left cervical muscles, on turning the head,¹.—**Back.** Pains in the back, with sensation as though several places were hard (second day),²².—Slight backache,¹².—Drawing in the back (sixth day),¹⁴.—**Dorsal.** Pressure between the scapulæ, after a while extending towards the sacrum, and becoming seated in the region of the kidneys,²¹.—Sticking pain in the scapulæ, continuing several days (after 12th dil.),⁴.—Sticking pain in the region of the left scapula, extending into the left elbow, aggravated on moving the arm, associated with sticking pain in the left side (second day after 6th dil.),⁴.—Slight sticking pain in both scapulæ,².—Stitches between the shoulders,²⁰.—[770.] Dull stitches between the shoulders, extending in rays,²⁰.—**Lumbar.** Pain in the loins and small of the back, towards evening,¹⁸.—Pain in the loins, corresponding to the position of the kidneys, every evening,¹⁴.—Tension and drawing, extending from the loins towards the rectum (fourth day),¹⁶.—Drawing and dragging pains in the loins, small of the back, in the joints, and hips (sixth day),¹⁵.—Severe pressive and drawing pain in the lumbar and sacral regions,²⁴.—Digging-sticking pain deep in the right lumbar region, corresponding in position and extent to the kidney, in the evening, in bed, soon followed by an extremely violent stitch, which made him jump,⁶.—Two dull stitches in succession, beginning in the lumbar and ending in the cœcal regions (first day),¹⁶.—Bruised pain in the left lumbar region,⁶.—Bruised pain in the left lumbar, sacral, and hip regions,⁷.—[780.] Pains in the small of the back and loins (fifth day),¹⁵.—Pains in the small of the back and region of the kidneys (tenth day),²⁹.—Pain in the small of the back in the evening, increasing in severity through the night,⁵.—Pains in the small of the back, while eating (seventh day),²².—Severe pain in the small of the back in the afternoon (second day),²².—Sudden, extremely violent pain in the region of the kidneys, in the afternoon while sitting quietly, it streamed out from both sides; this pain was distinguished from the other kidney pains by its spasmodic character and its extent, as well as its drawing or pressive nature, and could only be compared to the cramp-like pain which is experienced after an injury of the testicles; he endeavored to ameliorate the pain by springing from his seat, by sudden motion, by bending up, and by rubbing the abdomen, but it only disappeared after a few minutes, on the passage of much flatus,¹³.—Dull pain in the region of the right kidney (second day),¹⁴.—Pressive pain in the region of the kidneys,²⁰.—Pressive pain in the region of the kidneys and heart,¹³.—Oppressive pain in the region of the kidneys (fifth day),²⁰.—**Sacral.** [790.] Pain in the sacrum,²⁴.—Dragging in the sacral region, extending downward and forward towards the bladder,²⁰.—Bruised pain in the left sacro-iliac region, in the morning after waking,⁷.—The tuber ischii becomes sensitive when sitting a long time, or on pressure,¹.

Extremities in General.—Weakness and tearing in the limbs (first day),²².—Prostration of the limbs,⁵.—Sensation of weakness in all the limbs, in the morning after rising (third day after 3d trit.),⁴.—Slight drawing in the left shoulder, which gradually became a heaviness, and in the evening changed to a kind of painful lameness, as after taking cold in a draft of air when heated (second day),¹⁴.—Tensive-pressive pain, now in

the left shoulder, now in the finger-joints of the left hand, and in the right hip, never very definite, but frequently repeated till evening, when it quite disappeared (second day),¹⁰.—Fine stitches, as from splinters of glass, now in the nail of the left great toe, now in the tips of the fingers and beneath the nails of the thumb and index finger of the right hand.⁶.—[800.] Tearings here and there in the long bones,²⁴.—Slight tearing in the knee and elbow-joints,².

Superior Extremities.—**Shoulder.** Pain in the shoulder, much relieved by lying on the painful part and pressing it firmly against the bed (second night),¹⁴.—Heaviness like a pressure on the right shoulder, extending down the back to the region of the kidneys (first day),¹⁴.—Peculiar tensive heaviness across the shoulder and lower portion of the back of the neck (third day),¹⁴.—Tension, drawing, and tearing in the right shoulder (seventh day),¹⁵.—Drawing and tearing in the right shoulder, extending to the forearm and index finger (fourth day),¹⁶.—Tearing pain in the right shoulder and small of back, which, in the evening, extended to the forearm, and at times became very violent.⁵.—**Arm.** Obstinate drawing in the right deltoid muscle, making motion of the upper arm, especially raising it, difficult,²³.—Dull sticking pressure in the middle of the right upper arm (first night),²⁰.—[810.] Violent tearing pain extending from the right scapula across the outer surface of the right upper arm,⁶.—Drawing-tearing pain in the anterior surface of the muscles of the right upper arm, during rest,⁶.—Transient sticking-tearing pain in the fleshy portion of the anterior and inner surface of the left upper arm,⁶.—A kind of burning drawing in the condyles and joint of the left elbow, after waking in the night, and preventing his going to sleep for a long time (first night),¹⁴.—Violent preservative pain near the left elbow,⁶.—Sticking pain in the muscles at the bend of the right elbow, when at rest,⁷.—Severe stitch in the tip of the left elbow,⁷.—Violent stitch, as from a leech, in the bend of the left elbow,⁷.—**Forearm.** Drawing pain in the muscles of the right forearm,⁶.—Transient tearing in the tendinous expansion of both forearms, followed by some pain in both lower legs,²⁴.—**Wrist.** [820.] Paralytic pain in the right wrist,²³.—**Hand.** Biting-sticking on the back of the right hand,⁶.—**Fingers.** The left thumb became swollen and it was difficult to move it, every motion of it or pressure upon it was extremely painful,⁸.—Sticking alternately in the tips of the fingers, in the temples, and soles of the feet (fourth day),²².—Transient tearing pains in the little finger of the right hand, especially on moving it, also of the left great toe,⁹.

Inferior Extremities.—General lassitude and weariness of the lower limbs, especially noticed in the ears (first day),¹⁴.—Great exhaustion of the lower limbs (first day),¹⁴.—Frequent waking at night, with lameness of both legs and of the left shoulder (first day),²⁰.—Painfulness of the whole right leg,²⁴.—Aching in both legs, along the course of the large vessels and nerves,¹.—**Hip.** [830.] Drawing-sticking pain, extending from the left flank along the left hip, lasting several seconds,⁶.—**Thigh.** Aching in the thighs, as after a long walk (ninth day),¹¹.—Drawing down the thighs and calves, with great weariness in the latter (first day),¹⁴.—Sudden drawing in the anterior portion of the right thigh above the knee, also in the right great toe and left thumb,²³.—Transient drawing pain on the upper and outer side of the left thigh (during rest),⁷.—Tearing-sticking pain in the left sciatic nerve, extending from the left gluteal muscles to the outer and posterior surface of the thigh, during rest,⁷.—Tearing stitches in the anterior inner muscles of the thigh,⁷.—Transient tearing pain along the

anterior inner surface of the right thigh, afterwards a similar pain in the outer side of the right upper arm, followed by painful drawing in the metacarpal bone of the right thumb, and several fine stitches in the right inner malleolus,⁶.—Bruised pain in the thigh behind the great trochanter, disappearing when walking,¹².—**Knee**. Pressive pain in the left patella to the side,⁶.—[840.] Pain in the right patella, during a long walk, especially marked in its inner margin, and so much aggravated by motion and pressure that, in the evening, walking was impossible; in the night, both knees and toes were swollen and hot to touch, the pain was pressive and prevented any motion, he was obliged to go to bed; this gradually disappeared during the next three days,⁸.—Sticking and tearing in the knee (first day),²².—Sudden sticking-tensive pain in the bend of the right knee, in the afternoon while walking, so that he could not stretch out the foot, and could scarcely walk for several minutes (second day).²⁰.—Stitching in the margin of the left patella, as from an electric spark,⁶.—Severe stitch in the right patella,⁷.—Severe stitch in the right patella, as from an electric spark, in the evening,⁶.—Deeply piercing stitches in the hollow of the knee, extending along the course of the left tendo Achillis to the back of the right foot,²⁰.—**Leg**. Sensation of weakness in both legs, in the evening (first day),²⁰.—Pain extending upward and downward in the lower half of the left tibia, while sitting, frequently in the afternoon (third day),².—Burning in the legs,²⁴.—[850.] Severe burning and itching in the right leg,²⁴.—Drawing spasmodic pain in the right calf; this pain, together with a similar one in the shoulder, foot, etc., frequently returned with more or less severity,¹.—Frequent spasmodic drawings in the right calf,¹.—Slight drawing-pressive pain in the left tendo Achillis, only when walking, and then noticed when stretching out the foot; touch of the painful part (about an inch above the insertion of the tendon into the os calcis) showed no morbid change, the tendon could be pressed or pulled here and there, or stretched without pain; when the foot was quiet in any position, the pain immediately disappeared, but returned on walking, and then only on stretching out the foot (twentieth day),¹¹.—Very transient stitches in the right lower leg, towards the ankle, after eating,²⁴.—Tearing stitches along the muscles of the right calf, frequently repeated,⁷.—Frequently returning throbbing stitches in both lower legs,²⁰.—Sticking-tearing pains on the inner side of the right tibia, rather severe,²⁴.—Sensation of soreness on the right tibia,²⁴.—Scraping pain in the tibiæ and in the elbows,²⁴.—[860.] The pain in the tendo Achillis did not appear through the whole night, was only slightly felt on walking about the room; walking in the street was very difficult, so that he limped; he was obliged to turn the foot outward, frequently stop and hold it up in order to moderate the pain, was only able to walk slowly and with short steps; the next day the pain continued so that he was unable to go out; pressure upon the tendon was somewhat sensitive; ascending steps was especially painful; the following day the pain became somewhat less; after this it gradually improved until the twenty-seventh day, when he noticed very decided cracking in the tendon on moving the foot up and down; it seemed as though the tendons were dry; he was unable to stretch out the foot completely, and walking for some time caused pain; the trouble lasted some days and gradually disappeared,¹¹.—**Ankle**. Severe stitches in the inner malleolus of the left foot,⁶.—Pain as after a bruise on the malleoli, and on the inner surface of the heel, on bending the foot (fourth day),¹⁶.—**Foot**. Great weariness of the feet, in the evening, after a short walk,²⁴.—Excessive weariness in the feet,

especially troublesome so long as he was sitting quietly in the room, but disappearing immediately on going out,²³.—Forepart of the left foot became somewhat painful on walking; it seemed as though the mobility of the joints were impeded by the swelling of the articular surfaces,⁹.—Burning in the soles of the feet,²⁴.—The soles of the feet are painful, especially the forepart, even after a moderate walk, lasting several days; the pain is for the most part burning; after sitting a short time it becomes a sensation of heat and gradually disappears,²⁴.—Fine stitches in the sole of the left foot, near the toes,⁶.—*Toes*. Cramp in the right toes,¹.—[870.] Violent cramp in the three last toes of the right foot, lasting several seconds, on lying down at night,¹.—Pressive pain, swelling, and redness of the great toes; this prevented walking, and seemed almost like gouty inflammation, lasting four days, but not very violent (nineteenth day),¹⁰.—Pressive pain in the left great toe, which became worse, so that by evening he could not step upon that foot; he became chilly, which continued some time after going to bed,⁸.—Slight sticking, as from a splinter of glass, beneath the nail of the left great toe, at 4 A.M.,⁷.—Fine sticking as from splinters of glass, on the lower surface and in the tip of the left great toe,⁶.—Severe pain in a corn on the right little toe, so that he limped while walking,²⁴.

General Symptoms.—Objective. General excitement on waking in the morning; the pulses beat so violently that it seems as though he himself hears them,⁸.—General mental and physical excitement first four days, followed by a half-stupid condition,¹⁴.—Great indolence (fifth day),¹¹.—Disinclined to all exertion, indolent, exhausted and tired, but to-day not ill-humored (ninth day),¹¹.—[880.] Disinclination to rise, and after rising weariness and lassitude (second day),¹⁴.—Great weakness, so that it was impossible to take the usual morning walk (first day),²².—Great weakness and sleepiness, in the morning,⁵.—Prostration,¹⁹.—Prostration of the whole body,⁷.—An attack of uneasiness; even in bad weather he was forced to go into the open air, while usually he preferred to be quiet,⁵.—**Subjective.** Weariness, prostration, and fretful mood, with great irritability after a short nap after dinner,¹³.—Great weariness the whole afternoon (seventh day),²⁹.—Great weariness the whole afternoon, without cause (seventh day),²⁹.—Great weariness, with yawning, in the evening (sixth day),²⁹.—[890.] Great weariness and much yawning (sixth day),²⁹.—Sensation of weariness (first day),²⁰.—Fulness and heaviness of the whole body, as if he were stuffed (first day),¹⁴.—Sensation as if the whole body were swollen while half awake at night; it seems as if his body were adherent to a woollen sack; everything that he touched seemed to be thicker than natural,⁵.—Sudden sensation, as though something were distending within me, together with a severe sticking, apparently in the rectum (?); after the sensation of distension increased, warmth extended over the whole abdomen (ninth day),²².—Drawings and tearings, here and there in the body, especially in the neck, between the shoulders and in the forearms,²⁴.—Painful tensive-pressive sensation in the bones, just above and behind the left ear, especially in the mastoid process, coincident with accumulation of tasteless saliva in the mouth,⁷.—Sticking-tearing pains, here and there in the muscles, especially violent in the right hip-joint; often intolerable on rising or on sudden motion,¹.—Tearing or drawing sticking as from splinters, especially in the warm bed, in the evening and at night when at rest, sometimes from slight exertion of certain muscles, as for example, holding a book in the hand caused them in the upper arm,⁷.—Frequent biting stitches in various places in the body, in the scalp, concha, right side of the

neck and throat, on the margin of both rami of the lower jaw, near the nipples, in the back, pit of the stomach, axillæ, bends of the thighs (inguinal region); all of which symptoms were completely relieved as soon as he left the warm bed.⁹—[900.] The action of the drug was so persistent, that on the twenty-eighth day he took Lachesis as an antidote.¹¹

Skin.—Objective. Here and there, small red spots and itching pimples, in various parts of the skin.¹—Lougish, bluish-red spot on the upper lip (eleventh day).²⁰—Pimples on the right side of the forehead.¹²—Pimples on the tip of the nose and to the right of the nose.¹²—Some pimples on the malleoli.¹²—Small boils on the left wing of the nose (third day).²⁰—A pustule in the middle of the penis.²⁴—**Subjective.** Biting sticking, here and there in the skin, even of the scalp, when warm in bed; this sensation was followed by intolerable itching in the left external meatus auditorius, which could only be relieved by boring in with the fingers.⁶—Repeated sticking biting in various points in the skin.⁹—[910.] Biting stiches in different places in the skin, even in the prepuce, as from leeches.⁷—Annoying biting in various places in the skin, before going to sleep.³—Annoying itching of the skin (first day).⁹—Itching of the skin, especially of the extensor surface of the limbs, abdomen, and back.¹—Feeling as though the skin of the lower lip were contracted (first day).¹⁰—Biting sticking in the skin of the right pectoral muscles and in the right groin.⁵—Biting in the feet above the malleoli, causing scratching; in the afternoon this extended up to the knee, afterwards returned to the other places.¹²—Transient sticking biting at various points of the abdominal wall, with sensation as if leeches were drawing at these points; after an hour a similar sensation near the right nipple and on the prepuce.⁶—Momentary sticking biting in the skin, in the region of the right clavicle.⁶—Intolerable itching biting, now in the right, now in the left antitragus.⁶—[920.] Prickling sensation on the anterior surface of the thigh while walking; sensation as if warmth were streaming through the skin.⁹—Prickling on the internal surface of the thigh, a sensation similar to that experienced on taking sparks from an electrical machine (this sensation in the thigh alternated with the heat in the chest with palpitation of the heart).⁹—Itching in the left upper arm.²³—Itching in the lower limbs, obliging him to scratch.¹²—Itching on the lower legs and on the fingers of the left hand, in the afternoon.²³—Itching on the lower legs, causing scratching.²³—Itching and biting on the prepuce and glans penis (eighth day).¹⁶—Itching biting-drawing, in the inguinal and pubic regions, on the prepuce and glans penis, in the back, in the feet, and on the toes (fourth day).¹⁵—Itching biting-drawing, on and between the toes (sixth day).¹⁵—Severe itching in the right external concha and in the external meatus auditorius.⁶—[930.] Very severe itching and burning in the right lower leg.²⁴—Violent itching of the scrotum, on rising in the morning.¹²—Intolerable itching in the fold beneath the left great toe.⁶

Sleep and Dreams.—Sleepiness. Inclination to yawn and stretch the limbs, with tensive pain in the small of the back.⁵—Great sleepiness during the day.⁵—Great sleepiness in the afternoon (seventh day).²²—Increased sleepiness after eating, so that he could scarcely keep awake, followed by general prostration.¹³—Irresistible desire to sleep.¹³—Sound sleep the first part of the night, but on waking in the morning the mucous membrane of the mouth and throat was dry and the tongue stiff, with sensation of heat in it, relieved by cold water.⁵—Constant groaning during sleep (first night).²⁴—**Sleeplessness.** [940.] Sleep uneasy on account of previous vexations.⁵—Sleep uneasy and disturbed by pains.²⁹—Sleep uneasy, .

interrupted by dry cough,⁵.—Uneasy sleep, with excited sexual desire, though without complete erections,⁵.—Sleep was uneasy, frequently interrupted by cough, pressive throbbing headache, and pulsating throbbing in the heart (third night),¹⁰.—Sleep only after midnight, very restless and light, so that he was awakened by the slightest noise, with palpitation as from fright,⁷.—Restless night (fifth night),²².—Night restless; he could not sleep on account of internal heat,⁹.—Night restless; sleep frequently interrupted (third night after 3d trit.),⁴.—Night restless, especially disturbed by audible noises in the intestines, worse while lying on the right side (first night),¹⁴.—[950.] Night extremely restless; no sleep,⁵.—Frequent waking at night, with general excitement, as after strong coffee,⁵.—**Dreams.** Sleep interrupted by dreams,¹².—Sleep with many dreams of many people, and full of care,¹².—Affectionate dreams, with reminiscences of my youthful loves,⁶.—Vivid dreams at night,⁶.—Vivid dreams at night (first night),²⁰.—Vivid dream at night,¹².—Sleep disturbed by vivid dreams,²³.—Night disturbed by vivid fretful dreams,⁶.

Fever.—Chilliness. [960.] Chilliness of the whole body, especially of the back,¹³.—Chilliness, more or less, throughout the day,²³.—Chilliness throughout the day; she does not feel the heat although the thermometer stood at 31° (C.), (after 3d trit.),⁴.—Chilliness always coming on in the afternoon and lasting till into the night, with slight general weakness and heaviness of the limbs,¹⁴.†—Chilliness the whole afternoon (third day),¹⁰.—Chilliness between 3 and 5 P.M.,²³.—Chilliness in the evening,⁵.—Chilliness after dinner, lasting a few hours,²³.—Chilliness all over, on going to bed, especially in the back, with thirst; the accustomed bed coverings seemed too cool for him; after half an hour dry heat of the head, with red face, while the rest of the body was chilly; after a while this dry heat became general and lasted till midnight, when sweat broke out, but only on the upper part of the body, which lasted till 5 A.M. (third night),¹⁰.—Chilliness, immediately relieved in the open air,²³.—[970.] Constant chilliness, with increased thirst, in the afternoon; in the evening, chilliness, with dull throbbing in the heart, and sensation of soreness within the chest (fifth day),¹⁰.—Great chilliness the whole day (third day),²².—Great chilliness, followed by headache and coughing, from a sensation of rawness in the air-passages, while lying, at 10 A.M. (third day),¹⁰.—Evening chill over the whole body (after 3d dec. trit.),⁴.—Shaking chill, with heat of the head, before going to sleep, lasting half an hour, followed by general dry heat and sweat, which lasted the whole night, and brought relief (fifth night),¹⁰.—Shivering over the whole body, at 9 P.M., lasting half an hour; pulse 100,²³.—Transient attacks of shivering over the whole body,¹².—Feeling of coldness, without chilliness (second day),¹⁰.—Unusual sensation of coldness, without chilliness (soon after 50 drops, second day),¹⁰.—Chilliness through all the limbs, immediately,²².—[980.] Uneasy dozing at night, from which he was frequently awakened by chilliness in the thighs (first night),¹⁴.‡—Creeping chills along the spine,¹.—Shivering across the scapula, extending down the arm, with sensation as if the skin would be loosened from the flesh; repeated several times, but disappearing on moving in the open air, after dinner,¹².—Coldness of the stomach, with a sensation as if cold air were blowing in it (fifth day),¹⁵.—Coldness of the feet, with perspiration of the upper half of the body, in the morning,²³.—Sensation of coldness in the

† "Possibly to be ascribed to the damp cold weather."

‡ "This symptom may have been caused by increased coldness during the night."

occiput, as though he were in a draft,⁵.—Sensation of coldness and discomfort in the stomach,²⁴.—Frequently recurring cold sensation in the skin, on the right shoulder, and across the back,⁷.—Peculiar cooling sensation, extending up the œsophagus to the mouth (first day),¹⁴.—**Heat.** Increased warmth of the body (first day),¹⁴.—[990.] General heat over the whole body, followed by slight perspiration (first night),²⁰.—Dry heat, with uneasiness, at 3 A.M.,²³.—Sensation of heat, as though it spread through the whole body, in the evening, in bed,⁹.—General sensation of heat, in the evening, in bed,⁸.—Greatly overpowered by moderate heat,²⁴.—On entering an ordinarily warm room the temperature seemed intolerably hot, with confusion of the head, which increased till evening to a moderate headache, relieved in the open air,³.—Slight febrile symptoms, towards evening,⁵.—Heat in the head on the vertex,⁹.—Heat in the cheeks, in the morning, on waking,³.—Violent heat in the cheeks for half an hour, at 5 P.M. (second day),³.—[1000.] Persistent heat and ringing in the left ear,⁷.—Prickling heat in the cheeks, without redness (first evening),¹⁴.—Sensation of heat in the chest, abdomen, and thighs; in the thighs it was associated with a prickling sensation, while walking (second day),¹⁰.—Sensation of heat in the lungs, while walking, lasting half an hour, and suddenly disappearing; on the next day, a quarter of an hour after another dose, the same sensation, with a feeling as though the expired air was warmer than usual,⁶.—Sensation of internal heat in the chest, especially severe in the præcordial region and in the lower half of the right side of the chest,⁹.—Frequently increasing warmth in the stomach (first day),²².—Sensation of increased warmth in the region of the stomach and ileum; it seems as though these parts were bathed in warm water (first day),¹⁴.—Sensation of increased warmth in the whole abdomen,⁹.—Feeling of unpleasant warmth in the glans penis and in the left testicle,²³.—**Sweat.** Profuse sweat, with great weakness, on rapid walking,⁸.—[1010.] General profuse sweat (seventh day),¹⁰.—General copious sweat, in the morning,²³.—Skin dry and hot; the heat is somewhat relieved in the morning by cold water,⁶.—The back, sacral and coccygeal regions, covered with sweat, at night,¹³.—Sweat on the right lower leg,²⁴.—Slight perspiration on the lower legs and feet, in the morning (second day),¹⁴.—Dryness of the lips (seventh day),²⁰.

Conditions.—**Aggravation.**—(*Morning*), Confusion of head, etc.; on rising, confusion in forehead, etc.; on waking, dizzy confusion of the head; on waking, headache; after waking, headache; on waking, headache above right eye; soon after rising, pain in temporal region; on waking, pressure, etc., in vertex; while lying in bed, headache in parietal bone; on waking, biting between eyeballs and lids; sensitiveness of teeth to cold water; after waking, worse on inspiring air, or holding a cigar with the teeth, toothache; on waking, pain in right molars; irritation in throat; burning in fauces; irritation in palate; thirst; nausea, etc.; on waking, sensation of nausea; on waking, retching, etc.; immediately after rising, distension in the stomach, etc.; *on waking, griping in abdomen*; at 5 o'clock, pain beginning in right kidney; urging to urinate; at 4 o'clock, frequent micturition; on waking, sexual desire; lasciviousness, etc.; at 5 o'clock, emissions; *hoarseness*; *dry cough*; after waking, cough; at 6 o'clock, cough; after rising, short, etc., cough; immediately after rising, especially on deep inspiration, pain in right lung; on waking, pain in clavicular region; on waking, tension in cervical muscles; after waking, pain in sacro-iliac region; after rising, sensation in limbs; weakness, etc.; on rising, itching of scrotum; coldness of feet, etc.; at 3 o'clock, dry heat, etc.; on waking, heat

in cheeks; general sweat; perspiration on lower legs, etc.—(*Forenoon*), Drawing in back teeth; while walking, stitches in left hypochondrium; especially from 10 to 11 o'clock, cough; cough; while speaking, oppression of chest; while walking, pressure in middle of sternum; at 10 o'clock, while lying, chilliness.—(*Afternoon*), Towards evening, confusion of head; at 6 o'clock, in a warm room, pressure, etc., in occiput; the symptoms are most frequent and most violent; hawking of mucus; heartburn; lying down, pain in stomach; frequent micturition; towards evening, hoarseness; voice hoarse, etc.; towards evening, stitches in left chest; pain in loins, etc.; pain in small of back; while sitting quietly, pain in region of kidneys; while sitting, pain in tibia; *weariness*; itching on legs, etc.; sleepiness; *chilliness*; between 3 and 5 o'clock, chilliness; thirst; towards evening, febrile symptoms; at 5 o'clock, heat in cheeks.—(*Evening*), Apprehensiveness; *confusion of head*, etc.; after walking, confusion of the head; pressive headache; after lying down, pain from eyebrow into forehead; difficulty in swallowing; *great thirst*; eructations of air; itching at orifice of urethra; strangury; at 9 o'clock, urine thinner, etc.; irritation to cough; short hoarseness; cough; pressure upon chest; pain in the loins; in bed, pain in lumbar region; pain in small of back; sensation in lower legs; after a short walk, weariness of the feet; weariness, etc.; in warm bed, tearing, etc.; chilliness; on going to bed, chilliness; chill; at 9 o'clock, shivering; in bed, sensation of heat.—(*Night*), Heartburn; at 11 o'clock, stitches in urethra; towards morning, erections; at 11.30 o'clock, tickling in larynx; *dry cough*; cough; pain in præcordial region; palpitation; on lying down, cramp in toes; when at rest, tearing, etc.; sweat on back, etc.—(*Before midnight*), When warm in bed, pain in mastoid process.—(*Midnight*), Frequent micturition; sudden palpitation; sweat.—(*After midnight*), Sleep restless, etc.—(*Open air*), Lachrymation; after being in warm room, huskiness of voice.—(*Ascending a height*), Oppression of chest, etc.; stitches at left ribs; pain in tendo Achillis.—(*After beer*), Great excitement; temporary aggravation; pains in head, etc.; sensation in thorax.—(*At breakfast*), Frontal headache.—(*After breakfast*), Confusion of head.—(*On the cars*), Lassitude in lower limbs.—(*After coughing*), Nausea.—(*After dinner*), Gripping in abdomen; tumultuous action of heart; after short nap, weakness, etc.; chilliness; on moving in open air, shivering across scapulæ, etc.—(*Driving*), Pain in region of heart.—(*While eating*), Flatulence; pain in small of back.—(*After eating*), Dizziness; thirst; distension of stomach; rumbling in intestines; gripping in intestines; beating of the heart; stitches in lower leg; sleepiness.—(*Heat of room*), Cough.—(*On deep inspiration*), Stitch in right lung.—(*Lying upon part*), Feeling in ear.—(*Lying on left shoulder*), Pain in region of clavicle.—(*Motion*), Pain in umbilicus; pains in little finger, etc.; pain in patella.—(*Violent motion of part*), Dull headache.—(*Moving head*), Pain in forehead.—(*Moving arm*), Pain in region of left clavicle.—(*Pressure*), Pain in flank; pain in patella.—(*During rest*), Pain in sciatic nerve; weariness in feet.—(*Smoking*), Pain in canine teeth; dry cough.—(*Stepping hard*), Pressive headache.—(*After stool*), Pain in rectum.—(*After going into street*), Sticking in left false ribs.—(*Empty swallowing*), Pressure in pharynx.—(*Talking*), Sensation in soft palate.—(*Turning head to right*), Pain in Eustachian tube.—(*Uncovering abdomen*), Stitches in walls of thorax.—(*Walking*), After smoking, heartburn; deep respiration; difficult respiration; soreness in apices of lungs; pains in rectum; copious stools; pain in left chest; stitches at left ribs; stitches in left thorax; sensation in heart; pain in tendo Achillis; pain in foot; sensation on sur-

face of thigh; sensation of heat of chest, etc.; sensation of heat of lungs.—(*Rapid walking*), Stitches in left chest; profuse sweat.—(*Warmth*), Especially in bed, throat symptoms.—(*In warm bed*), Stitches in various places; sticking in skin.—(*In warm room*), After a walk, rush of blood to head; after being in cold air, itching within ear.—(*Warmth of stove*), Cough.—(*After wine*), Heartburn.

Amelioration.—(*Towards evening*), Became lively.—(*Evening*), Cough.—(*Night*), In warmth of bed, rawness, etc., in throat; cough.—(*Open air*), Confusion of head; chilliness.—(*On paying attention to the pain*), Stitches in left nipple disappear.—(*Change of position*), When lying, pain in teeth, etc., disappear.—(*Cold water*), Cough.—(*After washing with cold water*), Pain from temples towards vertex disappears.—(*After dinner*), Scraping in throat.—(*Passage of flatus*), Pain in flank; griping in abdomen.—(*Lying down*), Headache, etc.—(*Lying on painful part and pressing it firmly against bed*), Pain in shoulder.—(*Micturition*), Pressure in bladder, etc.—(*On pressure*), Pain in temporal region disappears.—(*Rest*), Stitches in left ribs; pain in left tendo Achillis.—(*On rising after short sleep*), Pressure on vertex disappears.—(*Stool*), Griping in bowels.—(*From Chinese tea*), Relief.—(*When walking*), Pain in thighs disappears.—(*Warmth*), Drawing in left hypochondrium.—(*After warm soup*), Pain in Eustachian tube disappears.—(*Water*), Pain in arches of palate.—(*Wine*), Inclination to vomit.

COCHLEARIA.

Cochlearia armoracia, Linn. *Nat. order*, Cruciferae; *Common names*, Horseradish; (G.), Meerrettig; (Fr.), Raifort.

Preparation, Tincture of the root.

Authorities. 1, Archive f. Hom., 17, 3, 176; 2, Dr. Cate, proving, N. Am. J. of Hom., 1, 336.

Mind.—Is extremely irresolute,¹.—(Thinking is difficult in the evening, without confusion of the head (after three hours)),¹.

Head.—Dulness of the head, is unable to collect his thoughts with rapidity,¹.—Headache in a small spot, now here, now there, a pressure deep in the brain, not aggravated by motion, but worse on widely opening the eyes,¹.—Pressive boring headache, as if the frontal bone would fall out,¹.

Eyes.—Eyes swollen,¹.—Obscuration of vision for a few minutes (after half an hour),¹.

Mouth.—Dull sensation in the teeth, as if they were soft, and became bent on chewing,¹.

Throat.—Scraping in the throat, with nausea,¹.

Stomach.—[10.] Retching and vomiting of bilious fluid,¹.—Crampy, tensive pain above the epigastrium, apparently in the diaphragm, relieved by bending forward,².

Abdomen.—Griping pain around umbilicus,².

Anus.—Involuntary passage of mucus from anus,².

Stool.—Stools increased in frequency,².

Urinary Organs.—**Burning and cutting at the glans during micturition; felt also before and after*,².—**Increased inclination to urinate; urination eight or ten times daily instead of four*,².—Increased secretion of urine,².—Urine pale and limpid,².

Extremities in General.—Pain in all the joints, while lying still

towards morning, worse when lying on the side; it disappeared on moving about and on rising,¹.

Conditions.—**Aggravation.**—(*Night*), Towards morning, pain in joints.—(*Lying on side*), Pain in joints.—(*Opening eyes widely*), Headache.

Amelioration.—(*Bending forwards*), Pain above epigastrium.—(*Moving about*), Pain in joints.—(*Rising from bed*), Pain in joints.

CODEÏNUM.

One of the alkaloids contained in opium; formula, $C_{15}H_{21}NO_3$.

Preparation, Triturations.

Authorities. 1, provings of Dr. E. E. Marcy, N. Am. J. of Hom., 5, 413; 2, Gregory, proving with Codium nitricum on students, with 0.25 to 0.35 grms., Journ. Pharm., xx, 85; 3, Barbier, effects of 0.06 to 0.12 grms., Gaz. Med., 10, 1834; 4, Robiquet, effects of 0.01 to 0.2 grms., Journ. d. Chim. Med., 9, 96; 5, Schroff, provings with 0.1 gm., on Dwarzak and Heinrich, Lehrb. d. Pharm.; 6, the same author, provings on Fossek and Krueg; 7, Dr. A. S. Myrtle, Br. Med. Jour., April, 1874, effects of 4 grains on a man affected by glycosuria; 8, Samuel J. Gee, St. Barth. Hosp. Rep., 1869, effects of Chloro-codeia (formula, $C_{15}H_{20}ClNO_3$); 9, Harley, Old Veg. Neurotics, subcutaneous injection of 1, 1½, and 2 grains, in "Samnel M.;" 10, *ibid.*, injection of 1 grain, in John F.

Mind.—**Emotional.** Mental excitement, as after spirituous liquors,².—Great exhilaration of spirits,¹.—Great mental exhilaration, resembling that produced by alcoholic stimulants,¹.—Slightly delirious at night,⁷.—After large doses, gayety, tranquillity, and sleep, accompanied by dreams are usually experienced,¹.—Unusual gayety,¹.—Felt "uncommonly jolly," as if up to anything (after half an hour),¹.—Agreeable thoughts and fancies,¹.—Depression of spirits, with dull headache,¹.—[10.] After attenuated doses, depression of spirits, with great desire to sleep, which is accompanied by frightful dreams, and dull headache in the morning on waking,¹.—**Intellectual.** On waking from a Codeine sleep, the intellect is clear, the spirits are elevated, and the countenance is bright and animated,¹.—Increased capacity for mental effort,¹.—Unusual facility for concentrating the mind upon any topic,¹.—After the third attenuation, the mind became inactive and listless, so that the most interesting subjects received no attention,¹.—Diminished power of fixing the attention,⁵.—Inability to perform mental labor,⁵.—Inability to concentrate the mind,¹.—Inability to apply the mind, or to remain quiet in the house,¹.—Sluggish association of ideas,⁵.—[20.] In the afternoon and evening the prover is dull, stupid, and quite indisposed to exert himself,¹.—Felt very bewildered (after two hours),⁷.—Stupor did not easily disappear on waking,⁴.

Head.—**Confusion and Vertigo.** Confusion of the head,⁶.—Confusion and heat of the head,⁵.—Dizziness in the head during the afternoon,¹.—Dizziness on blowing the nose,¹.—Dizziness on blowing the nose, and bright sparks wherever the prover looks,¹.—Felt the room going round with him (after two hours),⁷.—When closing the eyes, objects appear to turn round,¹.—**General Head.** [30.] *Dull headache in the morning, which gradually diminishes until noon, when it disappears,¹.—*Dull headache soon after getting up in the morning, worse on the left side, and lasting about two hours,¹.—Dull headache, with dry lips, causing a continual desire to

moisten them,¹.—Strong pulsations in the head and in the carotid arteries,¹.—**Temples.** Sensation of pressure in the temporal and frontal regions,⁵.—Pulsating pain in the right temple, in the afternoon,¹.

Eye.—Membranes of the eyes slightly injected (after two hours),⁹.—Burning sensation in the eyes, worse in the left eye,¹.—**Lids.** Aggravation of habitual twitching of the left eyelid, but followed in two weeks by a cure,¹.†—**Ball.** Sclerotic a little injected (after three hours),⁹.—**Pupil.** [40.] Dilatation of pupils,⁸.—Pupils contracted,⁹.—Pupils slightly contracted (after four hours),⁷.—Contraction of the pupil from one-seventh to one-eighth,¹⁰.—**Vision.** Weakness of vision,⁵.—Suddenly, his sight failed him (after two hours),⁷.—On beginning to write, did not see the letters distinctly (after two hours),⁷.—Sparks float before the eyes on stooping,¹.—On blowing the nose, bright sparks before the eyes,¹.

Ear.—Stoppage of the ears,⁶.—[50.] Ringing in the ears,⁵.

Nose.—Mucous discharge from the nose, with irritation of the Schneiderian membrane,¹.—Entire loss of smell (after many doses of the 1st trituration), which continued for three days, and then gradually became restored again. The patient was unable to distinguish strong musk from water,¹.

Face.—Expression of the face animated, rosy and gay or dull and stupid,¹.—Terrified look (after four hours),⁷.—Exceedingly pale (after four hours),⁷.—Lips dry and parched, causing a constant inclination to moisten them,¹.

Mouth.—Anterior part of tongue dry (after three hours),⁹.—Anterior part of tongue and hard palate a little dry (after two hours),⁹.—Dryness of the mouth, with thirst for beer,¹.—Salivation,⁵.—Knew he met two ladies, recognized their voices, but could not speak to them (after two hours),⁷.

Throat.—[60.] Strong pulsations in both carotids,¹.—Tickling sensation in the throat, in the afternoon and evening,¹.

Stomach.—**Thirst.** Great thirst,¹.—Great thirst, with a particular desire for bitter substances,¹.—**Eructation.** Frequent eructations,⁵.—**Nausea and Vomiting.** Nausea,².—Nausea and vomiting,⁴.—Nausea and vomiting (from several doses of 1 grain of the alkaloid),¹.—Feeling a little qualmish (after two hours); nausea continued an hour,⁹.—*Inclination to vomit*,^{5,6}.—[70.] Felt "sick as death" (after four hours),⁷.—On attempting to move, began to retch violently (after four hours),⁷.—Frequent vomiting,².—**Stomach.** **Pains in the stomach*,⁶.—Acute pains in the stomach, with empty eructations (from attenuated doses),¹.—**Violent pain in the stomach*,⁵.—Tenderness in the stomach, with violent pulsations of the heart and carotid arteries,¹.—After a dose of 1 to 2 grains, a gentle and agreeable glow is usually experienced in the stomach, followed in some instances by nausea. If these doses be repeated at intervals of four hours, the appetite will become extinct, and not unfrequently vomitings will occur. In

† This prover (Hoffmann) had long been afflicted with involuntary twitchings of the left eyelid, recurring frequently through the day, each paroxysm lasting about three minutes, and sometimes relieved by rubbing the part. The aggravation occurred after the prover had taken several doses daily of the 1st trituration, for a period of several days. From this time the spasmodic action gradually diminished, and ceased entirely at the end of about two weeks. Another case of involuntary twitchings of both eyelids, occurring whenever the lad attempted to read or write, was cured in four weeks by the 5th dilution, administered every morning and evening.

an attenuated form, after the doses have been repeated many times, it gives rise to mild paroxysms of neuralgic pains in the stomach and bowels,¹.

Abdomen.—Uncommon sense of tonicities in the abdomen,⁸.—Some diminution of the normal peristaltic action,¹.—[80.] Dull pains throughout the entire abdomen, accompanied by perceptible pulsations, and acceleration of circulation and respiration,¹.—Steady dull pains in the transverse colon, relieved by gentle pressure,¹.—In the morning, great tenderness of the abdomen, which extends to the epigastrium and to the right and left lung,¹.—Extreme tenderness of the lower part of the abdomen in the morning,¹.

Stool.—**Diarrhœa.** Purging in two or three cases,².—**Constipation.** Repeated doses of the lower attenuations produce constipation, tenderness of the bowels, especially of the transverse and descending colon, and some flatulence,¹.

Urinary Organs.—**Bladder.** In small and repeated doses, it diminishes the power of retention, and reduces the neck of the bladder to a condition of semi-paralysis,¹.—**Micturition.** Its primary effect is to increase the urinary secretion, and to render it lighter in color; but this is followed by a reaction which reduces it in quantity below the natural standard,¹.—In a few instances, it has increased the urinary secretion and rendered it lighter in color,¹.—After a prolonged effort, passed nearly 2 ounces of urine; it is probable that the bladder was not completely emptied (after two hours),⁹.—**Urine.** [90.] *The urine, previously saccharine* (sp. gr. 1038), contained no trace of sugar (sp. gr. 1018),⁷.

Sexual Organs.—Increase of sexual power (primary effect) followed by lack of power for several weeks (secondary effects),¹.—Lascivious thoughts, causing frequent erections, day and night,¹.—Sexual excitement, during the night, leading to nocturnal pollutions,¹.

Respiratory Organs.—**Larynx.** Tickling in the larynx, which causes a cough,¹.—**Voice.** Voice reduced to a whisper (after four hours),⁷.—**Cough.** *Short and irritating cough, worse during the night,¹.—*Troublesome cough, with copious mucous and sometimes purulent expectoration,¹.—Morning-cough, with soreness and stitching pains,¹.—**Respiration.** Respiration before exper. 19; after two hours and a half 18,⁹.

Chest.—[100.] Fulness and oppression of the chest,¹.—Severe pain in the chest and shoulder, on motion,¹.—**Front.** Sore feeling in the sternal region,¹.—**Sides.** Drooping sensation below the left clavicle,¹.—Sharp pain in the right lung, on inspiration,¹.—Stitching pains in the left lung on breathing,¹.

Heart and Pulse.—**Præcordium.** Uneasy feeling about the heart,¹.—Drawing pain around the heart, which beats loud and full, causing the prover to feel very uneasy,¹.—Fluttering and oppression in the region of the heart, with great desire to walk in the open air,¹.—**Heart's Action.** Painful pulsations of the heart, when attempting to study or to write,¹.—**Pulse.** [110.] Accelerated pulse,².—Acceleration of the pulse fifteen beats,¹⁰.—Pulse accelerated eight beats (after one hour), accelerated four beats (after four hours), (after 2 grains, subcutaneously),⁹.—Pulse accelerated fifteen beats, fuller and stronger (after one hour),⁹.—Diminution of the pulse eighteen beats within four hours,⁶.—Diminished frequency of the pulse (in the prover), diminished twenty-eight beats during the first four hours,².—His pulse was 56, the surface was cool, the face pale, the pupils much contracted, the next morning,⁷.—Before exper., pulse 74; after one

hour, 68; after two hours, 64,⁹.—Pulse very small and weak,⁵.—Pulse at wrist scarcely perceptible (after four hours),¹.

Neck and Back.—**Neck.** Convulsions in the muscles of the neck,¹.—[120.] Convulsive movements of the muscles of the back of the neck,¹.—Painful spasmodic twitchings of the muscles of the neck,¹.—Neuralgic pains, extending from the occiput down to the back of the neck,¹.—Painful pulsations in the left side of the neck,¹.—**Back. Dorsal.** Drawing pain below the scapula on inspiration,¹.—Sharp pain below the left scapula on inspiration,¹.—Sharp pains extending from the stomach and chest through to the back, between the shoulders, worse on the right side of the vertebral column,¹.—**Lumbar.** Heavy and fatigued feeling in the lumbar muscles,¹.—Acute pains in the region of the kidneys,¹.

Extremities in General.—Paralytic weakness of the arms and legs,¹.—[130.] Numbness of the hands and feet; prickling and numb sensations in various parts of the body,¹.

Superior Extremities.—**Objective.** Convulsions in the muscles of the arms,¹.—*Spasmodic twitchings in the arms,¹.—Involuntary twitching of the muscles of the arm,¹.—**Subjective.** Severe jerking pain in the arm, on attempting to remove a handkerchief from the breast pocket,¹.—**Arm.** Feeling as if he had received a blow upon the upper arm,¹.—Pulsating pain in the left upper arm,¹.—Pain in the right deltoid muscle, lasting only a few minutes,¹.—Continued pain in the deltoid muscles,¹.—On attempting to dress himself in the morning, the prover experienced a severe pain in the left deltoid muscle, which prevented him from making his toilet; this pain was not felt when the arm was perfectly at rest,¹.—**Hands.** [140.] Numbness of the hands and arms,¹.

Inferior Extremities.—**Objective.** *Involuntary twitchings of the lower limbs,¹.—Great weakness of the lower extremities,¹.—**Subjective.** Paralytic sensations in the lower extremities,¹.—**Knee.** Knees give way frequently when walking,¹.—Frequent pains in the knees as if sprained, often compelling him to stop abruptly when walking,¹.—In the morning, recurrence of the pain in the knee-joint, as if sprained,¹.—Sudden pain in the left knee-joint, rendering walking impossible for a few minutes, and then ceasing suddenly,¹.—**Feet.** Numbness of the feet,¹.—Painful pulsations in the soles of the feet, worse on resting them against a hard object,¹.

General Symptoms.—**Objective.** [150.] General acceleration of the circulation and respiration,¹.—In doses of from $\frac{1}{4}$ to 2 and 3 grains, it accelerates the circulation and respiration for several hours, followed in all instances by a depressing reaction. In doses of $\frac{1}{50}$ th of a grain, no effect has been observed upon the healthy; but in patients suffering from gastralgia, and neuralgic pains in various parts of the body, we have observed an augmentation of the circulation from much more minute doses than this,¹.—When placed in contact with the cellular tissue, it causes inflammation,¹.—It excites the muscular structures, giving rise as a primary effect to augmented muscular power, with a tendency to convulsive motions,¹.—**Trembling of the whole body,** appearing after four hours and lasting several hours, until they fell asleep,⁵.—Convulsive movements of different parts of the body,¹.—We have witnessed convulsive motions in the muscles of the chest, neck, arms, and legs, from large and repeated doses. In one case these convulsions were followed by soreness of the parts, and a diminution of muscular power which continued for several weeks,¹.—Contact easily excites spasmodic twitchings,¹.—If the drug be pushed to a great extent, reaction takes place, the muscles become enfeebled, and ultimately

paralysis, especially of the inferior extremities supervenes,¹.—Great weakness and lassitude,¹.—[160.] Exhaustion (after some hours),².—State of mixed paralysis and spasm, both tonic and clonic (very large doses),³.—Great restlessness,¹.—Extreme restlessness (larger doses),³.—**Subjective.** Morbid sensitiveness of the skin to the touch,¹.—Sensation and power of motion impaired,¹.—In the first instance, Codeia in doses from $\frac{1}{4}$ to 1 grain, augments nervous sensibility, but there is always a reaction in a few hours, and a corresponding depression is observed, which continues from two to three days,¹.—Instead of stupor, sensation of well-being and comfort, the action of the brain not impeded, on waking, after doses,¹.—Constant inclination to sit down and close the eyes,¹.

Skin.—Objective. Eczema-like eruptions,¹.—**Subjective.** [170.] Itching of the skin,³.—Very great itching of the skin,¹.—Itching of the skin over the whole body,².—Itching and heat of the face and head, which gradually extends over the whole body,¹.—Itching sensation commencing at the head, and diffusing itself throughout the body,¹.—Soreness of the skin after neuralgia,¹.—Sensation in the skin of the chest, as if a fly was creeping from one direction to another, not relieved by rubbing or scratching, and lasting about two minutes,¹.

Sleep and Dreams.—Sleepiness. Sleepiness,⁶.—Drowsy feeling,¹.—Finally an ability to pass readily into a tranquil, refreshing, and agreeable sleep,¹.—[180.] Sleep impeded by no heaviness of the head or stupefaction of mind,³.—Somnolency came on in a quarter of an hour; sleep for half an hour; and, after three hours, still continued drowsiness (2 grains),⁹.—Somnolency in a quarter of an hour; very drowsy, heavy, gapish, and sleepy (after two hours), (1½ grains, subcutaneously),⁹.—Somnolency, after one hour; passed off, after two hours; followed by a little heaviness (from 1 grain, subcutaneously),⁹.—In grain doses of the alkaloid, a calm and refreshing sleep is induced, accompanied by pleasant dreams, and not followed by headache, sleeplessness, disordered stomach, etc.,¹.—Sleep very refreshing,⁴.—**Sleeplessness.** Much less sleep,².—Passed a wretched night; slept none,⁷.—Doses of the 1st, 2d, and 3d triturations cause a sleep disturbed by unpleasant dreams of dead persons, etc. Secondary effects of small doses are, great drowsiness and listlessness, great drowsiness with inability to sleep, frequent waking from sleep with the covers thrown off, exciting dreams, dreams full of ridiculous fancies,¹.—Sleep unrefreshing,⁴.

Fever.—Chilliness. [190.] Surface of body cold and clammy (after four hours),⁷.—**Heat.** General warmth, with itching of the skin, especially between the shoulders (after three hours),⁹.—Sensation of agreeable warmth,⁹.—It sometimes produces a sense of agreeable warmth and itching over the surface of the body. In one instance, this itching persisted for several days. When placed in contact with the skin, it causes a slight inflammation of the part to which it is applied,¹.—Genial glow all over (after half an hour),⁷.—Accompanying the primary effects of large doses upon the circulation, we usually observe an increased heat or glow, and an itching of the head, face, and body, and a happy exhilaration of spirits. The first influence is felt in the head, which is rapidly diffused from thence to other parts of the system,¹.—Heat in the head,^{1,2}.—**Sweat.** Sweat in large beads on forehead (after four hours),⁷.

Conditions.—Aggravation.—(*Morning*), On waking, dull headache; tenderness of abdomen; cough; pain in knee-joint.—(*Afternoon*), Dizziness; pain in temple; tickling in throat.—(*Blowing nose*), Dizziness; sparks before eyes.—(*When closing eyes*), Objects appear to turn round.—(*On in-*

spiration), Pain in right lung ; *pain below scapula*.—(*Motion*), Pain in chest, etc.—(*Resting parts against a hard object*), Pain in soles of feet.

Amelioration.—Pain in transverse colon.

COFFEA CRUDA.

Coffea Arabica, Linn. *Nat. order*, Rubiaceæ.

Preparation, Tincture of the raw berries.

Authorities.† 1, Habnemann, from Stapf's Beiträge zur rein. Arzn. ; 2, "A.," from *ibid.* ; 3, "Br.," *ibid.* ; 4, Franz, *ibid.* ; 5, "Hsch.," *ibid.* ; 6, Langhammer, *ibid.* ; 7, Stapf, *ibid.* ; 8, Thorer, *ibid.* ; 9, Marvaud, *Aliments d'Épargne* (with sphygmographic tracings, see Plate 1), cold infusions of raw *Coffea*.

Mind.—**Emotional.** *Lively fancies ; full of plans for the future ;* contrary to his custom is very much charmed by the beauties of nature, descriptions of which are related to him (after three hours),⁴.—During the febrile heat she talked irrationally, with open eyes, and wished this or that thing brought to her.—Quiet mood, free from care (curative action),¹.—He is able to hear many annoying things spoken of, without being affected or becoming offended thereby (curative action).—On walking in the open air, he became sad, lachrymose, and disinclined to work,¹.—Anxiety and unsteadiness,⁵.—Great anxiety, so that she does not know what she shall do with herself ; she trembles, and cannot hold the pen still (after three hours),¹.—Peevish ; he could throw everything away from him,¹.—Peevish, full of care, lachrymose mood.—[10.] Very peevish,¹.—She has only peevish and sad thoughts ; she cries aloud and can be quieted by nothing ; this ill-humor seems to be somewhat relieved in the open air,¹.—Somewhat fretful,¹.—Very much out of humor ; not inclined to speak ; makes short answers (immediately),³.—**Intellectual.** *Unusual activity of mind and body until midnight (after six hours), when she fell asleep,⁷.—*The greatest activity of mind,².—Acuteness of thought,².—Vivid flow of ideas,².—Inability to think clearly (after six hours),⁶.—It seemed as though his thoughts disappeared for a moment (second day).—[20.] Inattention and loss of thought (after forty-eight hours),⁴.—While reading, loses the whole connection ; does not know what he is reading or has read, without, however, being conscious of any foreign thoughts (absentmindedness) ; when he does not read he is beset by a thousand thoughts, and recollects the most remote events,⁴.‡

Head.—**Confusion and Vertigo.** Confusion in the head (after three hours),¹.—Confusion in the forehead of the head, sometimes extending to the right temple, as a sticking-drawing pain ; aggravated on walking in the open air,¹.—*Dizzy confusion of the head (after four hours),⁸.—Vertigo, with blackness before the eyes, on stooping (first day),⁸.—**General Head.** Rush of blood to the head, especially while talking,¹.—Rush of blood to the head, with anxious heat and redness of the face.—Lightness of the head, and of all physical movements ; a general, unusual, increased sensation of health and vigor,².—Heaviness of the head, with heat in the

† The symptoms without authority are so found in Stapf's résumé.

‡ Mental activity the primary effect of *Coffea* ; dulness of mind, on the contrary, is the secondary effect ; many intermediate symptoms can be classed among the primary effects —STAPF.

face,¹.—[30.] Head seems heavy and dizzy, with general anxiety; she believes that she will fall (second day),⁸.—Headache, as if the brain were too full and crushed, especially in the occiput, after waking from the mid-day nap, neither aggravated nor especially relieved by motion, by mental exertion, nor in the open air (after four hours),¹.—Headache in the morning on waking; lack of general tension in the brain; he avoids opening the eyes; on stooping it seems as if the brain fell forward, and so pressed against the temples and forehead,¹.—Reflection caused drawing headache, accompanied by pressure in the upper part of the forehead,⁴.—Headache, as if the brain were torn or beaten, commencing while walking in the open air, but soon disappearing in the room,¹.†—**The headache is renewed and aggravated after eating; it disappears in the open air, but returns in a short time in the room.*¹.—**Forehead.** Compressive headache in the forehead (second evening),⁸.—Headache on reading, as if the brain at the frontal eminence, then behind the frontal bone, were beaten, torn, and crushed (after two hours),¹.—**Temples.** Pressive headache in the temples, extending to the occiput, while walking in the cold air; (it is relieved while sitting in a room); again it becomes very violent on first going into the open air, but afterwards it almost entirely disappears (after three-quarters of an hour),⁷.—**Vertex.** Crackling is sometimes heard and felt in the vertex, while sitting still,⁴.—[40.] Pressive pain in the upper part of the vertex.—**Parietals.** Crackling in the brain in the region of the ear, rhythmical with the pulse,¹.—**One-sided headache, as if a nail were driven into the parietal bone.*¹.—**Occiput.** Slight rheumatic drawing in the left side of the occiput,⁸.—**External Head.** Itching on the scalp.

Eye.—Hardened mucus in the canthi of both eyes, in the forenoon (after half an hour),⁶.—Boring in the right eye, with diminished acuteness of vision.—**Vision.** *In the open air he sees much more clearly than before.*⁴.—She was able to read fine print clearly, without the pressure in the eyes which she formerly experienced,⁷.‡

Ear.—Music sounds too loud; he can bear only the lowest tones of the instrument.

Nose.—Objective. [50.] Sneezing, in the evening, in bed, and on waking.—Frequent sneezing.—A sudden, profuse, watery discharge from the nose (after half an hour),¹.—Fluent coryza, with sneezing, several evenings, late.—Somewhat fluent coryza, with sneezing, several evenings, late.—Bleeding from the nose,¹.—Bleeding from the nose, with heaviness of the head, in the morning on rising, and at 6 P.M., several days at the same time, with morose ill-humor,¹.—Stopped catarrh, with scanty discharge,⁴.—Stoppage of the nose, as in stopped catarrh,⁴.—**Subjective.** Sensation of warmth, like a coryza, in the left nostril, aggravated by hawking,⁷.—[60.] Painfulness in the anterior angle of the left nostril (after one hour),¹.—An almost burning sore pain in the left nostril,¹.

Face.—The infant gets red and hot in the cheeks, and sleeps uneasily (first and second days).—Drawing in the left malar bone, alternating with tearing in the teeth (first day),⁸.

Mouth.—Teeth. Painfulness of the front teeth on touch and chewing, as if they were loose.—Simple pain in a back tooth, only when biting upon them,¹.—Momentary drawing in the hollow left upper back teeth, as

† Symptoms expressing aggravation and amelioration of the headache in the open air, seem to be the primary action.—HABNEMANN.

‡ In part curative action.—STAPP.

after taking a little cold,⁸.—(Drawing pain across the left upper back teeth, which disappears on biting the jaws together),⁴.—Toothache, sticking jerking from above downward into the nerves of the roots of the teeth,¹.—**Tongue.** Sensation of dryness and slight burning in the forepart of the tongue, without thirst (after one hour),⁷.—**General Mouth.** [70.] Dryness within the mouth, without thirst, in the morning, in bed,¹.—A simple pain in the arches of the palate, when not swallowing, aggravated while swallowing (after four hours),¹.—**Saliva.** Increased secretion of saliva,⁹.—**Taste.** Taste excessively bitter,¹.—Bitter taste in the mouth in the morning (second day),⁸.—Bitterness in the mouth the whole day, though food does not taste bitter,¹.—Taste in the mouth as after hazelnuts,¹.—Taste in the mouth as after sweet almonds,⁴.—Food has a good but too strong taste, on which account he cannot eat much; tobacco tastes excessively strong, and he is unable to smoke much (after three hours),¹.—Tobacco has an especially pleasant taste,⁷.—[80.] Pure drinking water has a bitter taste (second day),⁸.—Bitter things taste excessively bitter,¹.

Throat.—Sensation of catarrh in the back of the throat, in the morning after rising; catarrhal mucus flows from the nose, without sensation of catarrh in the nostrils or frontal sinuses.—Heat rises up into the throat, immediately,¹.—A kind of sore throat; swelling of the arches of the palate, which seems like an accumulation of tough mucus,¹.

Stomach.—Appetite. *Great hunger before dinner; eager, hasty eating,*¹.—*Diminished appetite;* at supper the food tasted good, still he had no appetite and no hunger (after eight hours),¹.—Very long-continued loss of appetite, and aversion to food, drink, and tobacco, with nausea and salt taste in the mouth, although food has no unusual or unpleasant taste (after two hours),¹.—**Thirst.** Thirst at night; he frequently awoke to drink,¹.—Excessive thirst, without heat of the body or dryness of the tongue,¹.—[90.] Aversion to coffee,¹.—**Eructation.** Eructations tasting of the food, from noon till evening,¹.—Short eructations of only air,⁷.—**Hiccough.** *Hiccough.*—**Nausea and Vomiting.** Nausea in the morning.—Nausea in the afternoon about 5 o'clock; he became weak, was obliged to sit down, followed by inclination to vomit,¹.—Nausea, as if in the stomach, from 8 to 9 P.M., like a faintness and vertigo; she was obliged to sit and lie down, with weariness of the limbs and some chilliness (after twenty-four hours),¹.—Nausea and vomiting (in large doses, fasting),⁹.—While eating palatable food he became qualms and nauseated,¹.—Constant inclination to vomit, which seems to have its seat in the upper part of the throat,¹.—**Stomach.** [100.] Easy contraction of the gastric and intestinal muscles,⁹.—An unpleasant sensation beneath the stomach, followed by distension and dull pain.—Tension across the stomach and hypochondria.—Sensation of pressure in the pit of the stomach at various times during the day; the clothes seemed too tight, and she was obliged to loosen them,¹.—While eating bread, soon after a moderate meal, an extremely painful pressure in the left side of the epigastric region,⁴.—Stitches in the pit of the stomach, combined with pressure; after a few hours painless distension and swelling of the pit of the stomach,¹.

Abdomen.—Objective. Fermentation in the abdomen and passage of much flatus, the whole day (after four hours),¹.—Fermentation in the abdomen, followed by vomiting; soon afterwards repeated vomiting for the second and third time,¹.—Movings about the abdomen, as if necessitating a stool.—Passage of much flatus.—[110.] Frequent and easy passage of flatus during the first hour after taking Coffea, but after twelve hours diffi-

cult, scanty, short, interrupted emission of flatus, and constant urging to pass it on account of disturbance in the abdomen,¹.—Frequent and profuse passage of almost odorless flatus,¹.—Fulness in the abdomen, with some griping pain, after supper.—Fulness of the abdomen, after a walk in the open air,¹.—(Frightful cramplike pain in the abdomen and chest, with outward manifestation of the most severe labor-pains, complaints as if the intestines would be cut to pieces, with convulsions; her body was bent up, feet drawn up towards her head, with frightful cries and grinding of the teeth; she became cold, constantly uttered the most piteous cries, and held her breath),¹.—Pressure in the abdomen, as from incarcerated flatus,⁵.—Constant painful pressure in both sides of the abdomen, in the morning, in bed, also extending into the abdominal rings, as though a hernia would protrude, without distension of the abdomen; passage of some flatus relieves for only a moment,¹.—Jerking stitches in the side of the abdomen, with every expiration (after a quarter of an hour),¹.—Colic, as if the abdomen would burst asunder,¹.—Colic and diarrhoea (in large doses, fasting),⁹.—[120.] *Hypogastrium*. Sticking, extending out at the abdominal ring, as in inguinal hernia,¹.

Rectum and Anus.—Urging to stool; the stool was soft, yet he was not able to pass it easily,¹.

Stool.—Two stools every day (contrary to custom), the first consistent, the second liquid,².—Three hard stools (second day).

Urinary Organs.—Bladder. Pressure upon the bladder, which obliges him to urinate,¹.—*Urethra*. Burning tearing in the forepart of the urethra,¹.—Frequent urging to pass urine in the morning, though it was passed in very small quantities and by drops (after a quarter of an hour).

—*Micturition*. Frequent micturition,¹.—The quantity of urine is very much increased (after fourteen hours),¹.—Passage of much urine about midnight, with relaxed genitals (after five hours),¹.—[130.] Scanty secretion and passage of urine (immediately),¹.—*Urine*. Urine blood-red, though not turbid.

Sexual Organs.—Male. Erections and emissions,¹.—The genital organs seemed relaxed, with diminished sexual desire.—Incapacity for coition and impotency; the sexual organs could not be excited, and the desire was sluggish (after two hours),¹.†—Itching in the forepart of the penis and glans.—Voluptuous itching on the tip of the glans penis, which obliges scratching for several hours (after forty-seven hours).—Relaxation of the serotum, with excitement of the “inner genital organs,” yet with “cold fantasies.”—Sore pain on the serotum, on the slightest rubbing of the clothes,⁴.—Digging-smarting pain in one testicle.—[140.] Absence of sexual excitement; the genitals were relaxed; even his fantasies were not at all inclined to sexual desire (first three days).—Great desire for coition; the sexual organs were very much excited, but there followed only general dry heat of the body, without emission,¹.—Nightly emissions,¹.—*Female*. The after-pains are immediately relieved, and then removed.‡—(Menstruation appears the same evening, with scarcely any drawing pains in the abdomen), (first day).‡

Respiratory Organs.—Larynx. Great roughness and hoarseness in the larynx, in the morning on waking,¹.—Violent irritation to cough

† Excitement of the sexual organs is the primary action, relaxation thereof the secondary action of Coffea.

‡ Curative action.

about midnight, lasting an hour,¹.—**Cough.** Cough, in the evening, in bed, and on falling asleep.—Short coughs in rapid succession, severe, interrupted, frequently scraping (after one hour),¹.—Short hacking coughs in quick succession, as from irritation in the throat, frequently repeated (after one hour),¹.—[150.] Dry hacking cough in sudden paroxysms, as from spasmodic constriction in the larynx, which seemed to be covered with dry mucus,¹.—The child coughs quite dry, several times immediately after falling asleep (first evening).—He was obliged to hold himself inwardly with the cough; the eyes became obscured; he became faint, and felt as if he were whirling around,¹.

Chest.—Oppression of the chest (immediately),¹.—Oppression of the chest; she is obliged to take short breaths; respiration raises the chest visibly (after the disappearance of the heat of the face),¹.—Pain in the side of the chest, on coughing, almost like sticking,¹.

Back.—Pain in the small of the back, while walking,¹.—Paralytic pain in the small of the back, while sitting and standing,¹.—Pressive pain in the small of the back.

Extremities in General.—**Objective.** Exhausted, heavy, and powerless in the limbs; the knees knock together; febrile warmth internally and externally, together with chilliness, after 4 P.M.,¹.—**Subjective.** [160.] Sense of lightness in the limbs.—She was obliged to lie down after every walk, on account of pain in the limbs,¹.—Bruised pain in all the joints, especially of those that had been bent, in the morning, in bed, disappearing on rising,¹.—Sticking jerking in one or another limb,¹.

Superior Extremities.—**Objective.** A kind of spasmodic drawing up, together with twitches in the arms, after holding them in a bent position,⁴.—Great weakness in the arms, and weariness in the whole body,¹.—

Subjective. Tearing in the left arm, so that she could not move it easily,¹.—**Arm.** Rheumatic, bruised pain in the left upper arm,⁴.—

Hands. *The hands tremble if he tries to hold them still,*^{4,†}.—**Fingers.** Cramplike contraction, at times, in one or another finger; in the morning he was unable to straighten the little finger,¹.—[170.] Sensation of numbness in the fingers (after a quarter of an hour),⁴.—Sensitive drawing or tearing downward in the soft parts of the fingers (after two hours),¹.—A finger that had been slightly burnt, but was quite painless before the drug was taken, began to pain violently (after three hours),⁴.

Inferior Extremities.—**Thigh.** The slightest rubbing of the woollen clothing made the inner side of the thigh sore, or at least caused a painful sensation of soreness,¹.—Pain, as if bruised, on the nates beneath the hip-joints, from the ischium to the thigh, while sitting and walking; while walking he was obliged to limp,¹.—**Knee.** Trembling motion of the knees while descending steps (secondary action)(?),¹.—Cramp in the calf, on drawing up the knee,¹.—Drawing pain beneath the right knee.—A jerking, corroding, and smarting on the right tibia, during rest and motion, with a sensation as if the bones were bruised, together with a sensation of heat in them,¹.—**Ankle.** A jerking sticking beneath the inner malleolus of the right foot, on stepping upon the heel or bending the foot backward, even on touching the part,¹.—**Foot.** [180.] Trembling of the feet (after one hour and three-quarters),¹.—Constant weariness of the feet, extending half way up the thighs, after walking in the open air,¹.—Cramp in the soles

† S. 168, 170, 175, 180 can be considered as secondary action(?).—STAFF.

of the feet, on putting out the foot,¹.—*Toes*. Slight stitches in the balls of the great toes, at 4 P.M.

General Symptoms.—He became extremely excited as soon as the Coffea was taken in the evening; all movements were performed with unusual lightness (after twelve hours),⁴.—Great mobility of the muscles; every motion was easy,² rapid, and performed with a certain consciousness of vigor,².—Trembling motion, together with warmth in the back and between the shoulders,⁵.—Disinclined to work; he lost the desire to work, even while busy,¹.—Inclination to lie down and close the eyes, without ability or desire to sleep,³.—*The greatest mental and physical exhaustion* (after forty-five hours),⁴.—**Subjective.** [190.] Dulness of internal sensibility on account of supernatural speculations (secondary action).—Great weariness on ascending steps, soon disappearing,¹.—Pain in the whole body, so that he had little rest,¹.—Walking in the open air affects him extremely; it forces water from his eyes, and he soon becomes very weary (after six hours and a half),⁴.—Aversion to the open air,¹.

Skin.—Eruption and itching over the whole body (secondary action)(?)¹.—*Coffea changed the itching of the eruption into a burning*,¹.—Itching on the right side of the scrotum.

Sleep and Dreams.—**Sleepiness.** Yawning,¹.—Frequent deep yawning,⁴.—[200.] Much yawning and sleepiness (first day).—**Very weary with sleep* (after twelve hours),².—Overpowered with sleep; he dreaded apoplexy,¹.—Sound sleep.—Talking immediately after falling asleep, in a girl six years old.—Unconscious tossing about at night in sleep, so that in the morning he was lying turned about in bed,¹.—**Sleeplessness.** ***Sleeplessness on account of excessive mental and physical excitement**,⁷.†—Sleeplessness after midnight (from 2 to 7), with colic-like incarceration of flatus under the ribs, which causes anxiety and sensation of heat over the whole body, without sweat, excepting under the nose, without thirst, and with desire to be uncovered,¹.—Very wide awake in the evening.—At first he is wide awake, but soon afterwards sleepy,⁵.—[210.] Light sleep,¹.—Sleep at night uneasy; he was obliged to turn from side to side,⁴.—Frequent waking from sleep at night, as from fright,⁶.—**He slept until 3 A.M., after which he only dozed, but on waking did not come to his senses*,³.—Waking, with starting.—Frequent waking towards morning,⁶.—**Dreams.** Dreams at night,¹.—*Very long vivid dreams at night*,¹.—Interrupted fancies at night while half asleep, busied with thoughts from which he cannot free himself and which deprive him of sound sleep.

Fever.—**Chilliness.** Bodily temperature lowered from 0.4 to 0.6,⁹.—[220.] Chilliness throughout the whole body (with warm skin), more noticed and worse when moving; on rising from the chair creeping chills, with pale face, for ten minutes (after half an hour),¹.—Chilliness aggravated by motion,⁷.—Violent chill, though without thirst, at 5 A.M. and 1 P.M.,¹.—Internal shivering, even in the chest, with chilliness, and at the same time heat in the head and sweat in the face; all without thirst,¹.—Great sensitiveness to cold.—Open air, which was usually agreeable and to which he was accustomed, seemed very cutting,⁴.—Sensation of coldness over the whole body; cold creepings up the back, as in a cold room, soon followed by redness and heat of the face, with cold hands, which are hot on the inner surface, while externally they are cold,⁴.—Chilliness in the

† Excitement and sleeplessness are the primary effects of Coffea, sleepiness in its various forms its secondary effect.—STAFF.

back, mingled with sensation of heat, especially warmth in the middle of the back and across the lower abdomen, as if sweat would break out,⁷.—Repeated attacks of chilliness and shivering in the back, with the usual general warmth of the body,⁴.—Some chilliness, with heat, on both cheeks,¹.—[230.] Coldness of the hands, followed by coldness of the feet (after two to three hours),¹.—Cold feet in the afternoon after 4, together with headache and rush of blood to the head, disappearing in the open air (after twenty-four hours),¹.—**Heat.** Heat of the whole body, externally perceptible, at 8 P.M., with great dryness of the mouth, then shivering in the back and posterior portion of the body; then the hands and feet became icy cold; then in the bed at one time great heat, then great coldness until after midnight; in the morning headache, as if beaten, so that every step on walking is painful (after thirty hours),¹.—General heat, with redness of the face and much thirst, at 3 P.M., without previous chill; following the heat general sweat, which during the first hours was accompanied by thirst,¹.—Slight heat, without thirst, after the chilliness (after a quarter of an hour),⁷.—Sensation of heat in the morning, in bed, though disliking to be uncovered,¹.—Sensation of general heat, after lying down in the evening; everything seems too close; general sweat at night, especially in the back,¹.—She sometimes awoke at night feeling a great dry heat all over, obliging her to toss about, two nights in succession; the breath came hot from the mouth, though without thirst or dryness of the mouth,¹.—Sensation of warmth, with somewhat red face, though without thirst,¹.—Heat in the face and redness of the cheeks (after a quarter of an hour),⁷.—[240.] *Heat in the face, with red cheeks, after eating* (after six hours),⁸.—Heat and redness of one cheek, with almost constant shivering,¹.—Warmth in the chest and abdomen,⁵.—Unusually warm feet,⁵.—Dry warmth of the face,⁵.—**Perspiration.** Perspiration, towards morning,¹.—Sweat of the hands, while writing.—Sweat of the feet, with soreness of the toes.

Conditions.—**Aggravation.**—(*Morning*), On waking, headache, etc.; on rising, bleeding from nose; in bed, dryness of mouth; bitter taste; after rising, sensation in back of throat; nausea; in bed, pressure in sides of abdomen; on waking, roughness, etc., in larynx; in bed, pain in joints; at 7 o'clock, chilly; after fever paroxysm, headache; in bed, sensation of heat.—(*Afternoon*), Eructations; nausea, etc.; after 4 o'clock, febrile warmth, etc.; at 4 o'clock, stitches in balls of great toes; at 1 o'clock, chill; after 4 o'clock, cold feet, etc.; at 3 o'clock, general heat, etc.—(*Evening*), In bed and on waking, sneezing; late, fluent coryza; at 6 o'clock, bleeding from nose; from 8 to 9 o'clock, nausea, etc.; in bed and on falling asleep, cough; at 8 o'clock, heat of body; after lying down, sensation of heat.—(*Night*), Thirst; about midnight, passage of much urine; about midnight, irritation to cough; towards morning, frequent waking; general sweat; on waking, dry heat; towards morning, perspiration.—(*Walking in open air*), All symptoms; sadness, etc.; confusion in head; fulness in abdomen; weariness of feet.—(*While ascending steps*), Trembling of the knees; weariness.—(*While walking in cold air*), Headache in temples.—(*Eating*), Headache; heat in face, etc.—(*Hawking*), Sensation in left nostril.—(*Motion*), Chilliness.—(*On putting out foot*), Cramp in soles.—(*On reading*), Headache.—(*Reflection*), Headache.—(*In room*), Headache returns.—(*While sitting still*), Crackling in vertex.—(*On stooping*), Vertigo.—(*After supper*), Fulness in abdomen, etc.—(*Swallowing*), Pain in arches of palate.—(*Talking*), Rush of blood to head.—(*After waking from midday nap*), Headache.—(*Walking*), Pain in small of back; pain in limbs.—(*While writing*), Sweat of hands.

Amelioration.—(*Open air*), Ill-humor; *headache*, etc.—(*On biting jaws together*), Pain across back teeth disappears.—(*On rising*), Pain in joints disappears.—(*Sitting in room*), Headache in temples.

COFFEA TOSTA.

Preparation, Infusion of the well-roasted berries. A decoction of *raw Coffea* furnishes a preparation very rich in Coffeinum; an infusion of the roasted *Coffea* contains some Coffeinum (the amount varying with the roasting), but much of the alkaloid is changed into "Coffeone" (to which the aroma is due). This Coffeone is obtained free from the alkaloid by distilling an infusion of roasted *Coffea*; some effects of this distillate are here included.

Authorities. 1, Zimmerman (from Wibmer), effects of two cups more than usual; 2, Willis, from *ibid.*, general effects; 3, Hoffmann, *ibid.*, effects of several cups of strong coffee; 4, Kapper, *Zeit. f. H. Kl.*, 4, 194, a woman took (for suppression of menstruation) an infusion of about 3 ounces three evenings in succession; 5, Höring, *Wurt. Corr. Bl.*, 1831, *Frank's Mag.*, 2, 68, gradually increasing doses to 30 cups of strong coffee a day; 6, Träschel, *Frank's Mag.*, 1, 41, a man drank 32 cups within an hour, containing 8 ounces of berries; 7, Observations and experiments from Boecker's *Beit-räge*; 8, Lamare-Picquot, proving on self, with cold infusion taken in the morning, in bed, fasting, *Etdes Experimentales*, etc., sur l'action dynamique du Café, Paris, 1864; 9, Curschman, an anæmic woman took an infusion of 250 grms., *Deutsch. Klin.*, 1873; 10, Wood, chronic effects of a single cup, in the morning, *N. A. J. of Hom.*, 12, 248; 11, Dr. Lindsley (New York City), *MSS.*, took for a proving 3 cups of strong coffee, three mornings in succession; 12, Dr. J. Lehman instituted a series of experiments as follows: placing two men on strict diet, he examined the urine daily, with especial attention to amount of urea, phosphates, and sodium chloride, for two weeks or more, after which, the men were allowed 4 glasses of strong coffee instead of water; subsequently experiments were instituted with distilled coffee ("Coffeone"), and also with the alkaloid; 13, Dr. H. V. Miller, effects of two cups, *N. A. J. of Hom., N. S.*, 4, 87; 14, Marvaud, *Aliments d'Epargne*, effects of infusion (taken *cold* for sphygmographic tracings), and also of distilled coffee ("Coffeone"); 15, Dr. E. M. Hale, effect of a cup of intensely strong coffee, *H. Month.*, 9, 465; 16, Dr. Cehme, daily use of coffee for breakfast, in a man of forty-five, of late unused to C., *N. A. J. of Hom., N. S.*, 3, 418.

Mind.—Emotional. An agreeable mental excitement, causing wakefulness,¹⁴—Completely developed delirium tremens,^{5,†}—Great loquacity,¹³—Love for family,¹³—Desire to perform good deeds intensified (Benevolence excited),¹³—Veneration for Supreme Being,¹³—Anxiety,¹²—A kind of fearfulness, which seems unendurable,¹—Timidity, and fear of sudden death; this fear sometimes occasions trembling from head to foot (secondary effect),¹³—**Intellectual.** [10.] Brain feels clear, and is very active,¹³—The intellectual faculties chiefly stimulated are the imagination and the memory,¹⁴—The power of judgment is increased,¹⁴—Attention is more alive,¹⁴—Feels impelled to push things; wants to keep going ahead and doing something,¹³—It gives rise to a need of creative activity, a

† Following a rheumatic attack, with great prostration and weakness.

vivacity of thought, a versatility and ardor of desire, more favorable to the exaggerated expression of ideas previously formed, than to the quiet examination of new conceptions (Moleschott),¹⁴.—Symptoms would come suddenly; and took away all mental energy,¹⁰.—Somewhat unconscious (after two hours),⁹.

Head.—**Vertigo.** Vertigo,¹; (after half an hour),^{7,12}.—Vertigo so that she was unable to stand,⁶.—[20.] Vertigo, with whirling sensation in head, occasioning a general faint feeling, with aggravation, when thinking; has to banish reflection; with vertigo, burning in stomach; vertigo partially relieved by a change of position (secondary effect),¹³.—Swimming or vertiginous feeling,¹⁰.—Sensation as if everything in the head were going in slow circles, now in one direction, now in another; with incessant noises in the ears,⁴.—**General Head.** Rush of blood to the head,⁶.—Violent headache,⁶.—**Forehead.** Sensation of heaviness in forehead over eyes (secondary effect),¹³.—**Parietals.** Sensation as though a piece of lead were nailed to the parietal bones, which every motion of the head aggravates,⁴.—**Occiput.** Stinging pain into locality of amativeness on left side,¹³.

Eye.—Blue rings around the eyes,⁴.—**Lids.** Conjunctiva of the lids slightly red, especially towards the margin; conjunctiva of the bulb slightly injected in the canthi and corners,⁴.—**Pupil.** [30.] Iris contracted but sensitive,⁴.—**Vision.** Intolerance of the candlelight; it seems surrounded by a dim broad halo, causing painful pressure in the eyebrows,⁴.—Sensation as though a fog were before the eyes,⁴.—Musca volitantes,¹⁰.—Aggravation of the myopia,¹⁶.

Ear.—Every step and every loud word is painfully felt in the ears,⁴.—Incessant noises in the ears,⁴.—Ringing in the ears,⁴.—Roaring, buzzing, and singing in the ears,¹⁰.—Sounds as of pounding or bell-ringing in the distance,¹⁰.

Face.—[40.] Paleness of face,⁸.—Countenance very pale, and had an anxious expression (after two hours),⁹.—Pale as a corpse,⁷.—Face waxy pale,⁴.—Face very puffy, as if dropsical, waxy, pale-yellow,⁴.

Mouth.—**He was seized with such an intense pain in the teeth of the right lower jaw (not decayed) that it drove him nearly crazy.* He came to my office after midnight to get relief. He had already observed that no application relieved the pain but cold water. So soon as the water became warm in the mouth, the pain returned,¹⁵.—Lips and tongue pale and dry,⁴.

Throat.—Spasmodic contraction of the throat,⁶.

Stomach.—**Appetite.** Aversion to all food; she is able to take only small quantities of water,⁴.—**Nausea and Vomiting.** Nausea, with faintness,⁴.—[50.] Nausea in the stomach, and ineffectual efforts to vomit,⁴.—Vomiting with difficulty (soon),⁶.—**Stomach.** Distension in the epigastric region, tympanitic, extremely sensitive to touch, less so to pressure,⁴.—Tension in the stomach, so that she is obliged to loosen the clothes,⁴.—Sensation of heaviness in cardiac region (secondary effect),¹³.—Great fullness in epigastrium, and partial loss of appetite (secondary effect),¹³.—Cold water and cold food aggravate the distress in epigastrium and left chest (secondary effect),¹³.

Abdomen.—**Hypochondria.** Painfulness of the hypochondria,⁴.—Extreme sensitiveness of the hepatic region,⁴.—**General Abdomen.** Abdomen swollen and hard, especially in the region of the bladder, which was very sensitive to touch (fifth day),⁶.—[60.] Painful tympanitic distension of the abdomen,⁴.—Rumbling in the bowels causing warmth, painful,

obliging her to bend up and press with the hands,⁴.—Pain in the left upper portion of the abdomen, just below the spleen, not affected by pressure,⁶.—Sticking pains in the abdomen (second day),⁵.

Rectum and Anus.—Hæmorrhoids,¹.—Discharge of exceedingly bright blood, every morning with the regular stool,¹⁶.

Stool.—**Diarrhœa.** Frequent stools, with tenesmus (after two hours),⁹.—Copious evacuations of the bowels, after the first dose, followed by constipation,⁴.—**Constipation.** Constipation (secondary effect),¹³.—It sometimes accelerates the peristaltic motion, but in many cases (especially in weak persons) constipation follows,⁷.—[70.] No stool during the first two days,⁷.

Urinary Organs.—**Urethra.** At close of micturition, a slight milky discharge (probably prostatic), attended with a smarting or burning sensation at orifice of urethra; afterwards, cutting pains below the bladder (in sphincter vesicæ, or region of prostate gland), (secondary effect),¹³.—Constant tickling in the urethra, which was very annoying,⁴.—Frequent desire to urinate, with passage of scanty pale urine,⁴.—Excessive urging, with inability to urinate,⁶.—**Micturition.** Frequent micturition (secondary effect),¹³.—Increased secretion and discharge of urine, with diminished specific gravity (after two hours),⁹.—Profuse and colorless urine (secondary effect),¹³.—Amount of urine increased 68 c.c. per day; urea diminished 6.5 grammes; phosphates diminished 1 gramme; sodium chloride diminished 2.4 grammes,¹².—Amount of urine increased 355 c.c.; urea diminished 7.1 grammes, c.c.; phosphoric acid diminished 1.6 grammes; sodium chloride increased 1 gramme. (Coffeone),¹².—Amount of urine increased 370 c.c. per day; urea diminished 9.4 grammes; phosphoric acid diminished 1.3 grammes; sodium chloride diminished 1 gramme,¹².—[80.]

	Normal urine.	Urine after a Coffee diet.
Amount in twenty-four hours,	1364.500 grs.	1739.750
Urea,	22.275 "	12.585
Uric acid,	0.578 "	0.402
Phosphoric acid,	1.291 "	0.854

(Boecker and Lehman, average from numerous experiments.)

Ischuria for many days; she was almost unable to urinate, and could only evacuate the bladder after frequent attempts, and with passage of a few drops at a time, with much burning and pressure in the region of the bladder,⁶.—It diminishes all the solid constituents of the urine except the earthy phosphates,⁷ †

Sexual Organs.—**Male.** Weakness of the sexual power in men,².—**Female.** Spasmodic sensation deep in the uterine region; it seems as if something tried to press outward and could not, because it constantly gave rise to spasms,⁴.—Menstruation increased and prolonged,¹.

Respiratory Organs.—**Objective.** Rattling respiration,⁶.—Diminution of the expired water,⁷.—Diminution of the amount of expired carbonic acid takes place soon after drinking Coffee, and is especially noticed after long-continued use of it,⁷ †.—The amount of expired carbonic acid is 195,593.6 cubic centimetres less than normal during twenty-four hours; this amount seemed really astounding, but is not so remarkable, seeing that a real dyspnoea follows the use of strong coffee,⁷.—**Subjective.** Much

† Conclusions from a large number of detailed observations and analyses.

‡ Wibmer calls attention to the fact, that this is the reverse of the condition after taking *Senega*, in which the amount of carbonic acid is increased.

subjective dyspnoea, with quick, labored respiration (after two hours),⁹.—[90.] A real asthma, with oppression of the chest (after half an hour),⁷.

Heart and Pulse.—Præcordium. Præcordial symptoms,⁸.—

Heart's Action. Greatly increased vigor of the action of the heart,¹².—**Palpitation,**^{3 4 12}.—Diminished action of heart,⁸.—**Pulse.** Rapid pulse,¹².—Pulse full and frequent,¹³.—Very frequent and tense pulse (after two hours),⁹.—Pulse increased from 75 to 82 (half a litre), (Trousseau, Montegazza, et al.),¹⁴.—Before the proving, pulse 69; after the fifth cup, it fell to 61,⁸.—[100.] Pulse variable; often weak and almost imperceptible; sometimes intermitting (secondary effect),¹³.

Extremities in General.—Trembling of the limbs,¹.—Trembling of all the limbs (after half an hour),⁷.—Trembling of the arms and legs,⁴.—Considerable tremor in limbs (after two hours),⁹.—Jerking of limbs (secondary effect),¹³.

General Symptoms.—Objective. General excitement,¹².—General agreeable excitement, with slight sweat. (Coffeone),¹².—The preceding tracings plainly indicate quite a marked decrease of the pulse, with diminished extent of oscillation, and a consequent increase of arterial tension. They are similar to the tracings taken by Meplain ten or fifteen minutes after drinking the cold infusion; but are still more strongly marked under the action of a simple decoction of the unroasted berry. When, however, the tracings are taken a few moments after drinking an infusion of black coffee, especially when well roasted and of a strong aromatic odor, the peculiarities of the pulse are directly opposed to those presented above. In this case, they indicate more or less excitement of the circulation, as shown in the tracings by the more extended oscillations, by the greater abruptness and height of the ascending line, by its sharp angle at the top, and by the jerking contour of the descending line. This important fact, first noticed by Meplain, is accounted for by him as follows. He distilled a litre of a strong infusion of roasted coffee, and obtained therefrom about 200 grammes of a liquid which, in addition to the aromatic smell and taste of coffee, possessed a slightly acrid taste and decided empyreumatic odor. After taking this, he observed the pulse to rise from 64 to 72. Hence he inferred that the symptoms of vascular excitement (quickened circulation, diminished vascular tension, flushed face, etc.), which appear immediately after drinking an infusion of black coffee, are effects of the Coffeone. Our own investigations have led us to accept implicitly the ideas of Meplain, as to the part played by Coffeone in inducing the primary effects on the circulation experienced after drinking a strong infusion of roasted coffee. As we ascertained from the experiments we instituted, in order to test the soundness of our colleagues' opinion, the changes in the circulation which are among the effects of coffee depend not only on the length of time which may have elapsed since the taking of the beverage before the observations are made, but also on the more or less thorough roasting of the berry. Thus we may account for the astonishing diversities in the opinions expressed by different authorities as to the effects of coffee on the circulation, and especially on the pulse, which latter, according to some (Trousseau, Deltel, Penilleau, Prompt), is increased, while according to others (Rognetta, Caron, Jomaud) it is lessened, in frequency. We remark, in the first place, that those writers who have observed an acceleration of pulse after drinking an infusion of coffee, have taken it either warm, or with the addition of chicory (which Jomaud has shown to be a violent vascular irritant), or else they have made their observations immediately after par-

taking of the beverage. Those, on the other hand, who have observed the pulse to become slower, have chiefly used in their experiments coffee raw, or but slightly roasted, or else have waited at least ten or fifteen minutes after drinking it, before examining the pulse,¹⁴.—Increase of the solid constituents of the blood,⁷.—[110.] Increase in the amount of fat in the serum of the blood, and also of the fibrin,⁷.—Hæmorrhages from the nose, lungs, uterus, and rectum,¹.—Motor symptoms, such as muscular shivering and tremors (from the strong infusion in large doses, especially in those not accustomed to it),¹⁴.—Trembling,³.—Muscular jerking (secondary effect),¹³.—Gait unsteady,⁴.—Causes tottering (after half an hour),⁷.—Debility,⁸.—Great lassitude and general debility (secondary effect),¹³.—Excessively weak and prostrated,⁴.—[120.] Uneasiness,³.—She walks uneasily up and down the room, with an expression of extreme anxiety,⁴.—**Subjective.** Heightened sensibility, shown by epigastric anxiety, and by cutaneous impressions, varying greatly in different subjects (itching, cold feeling, lumbar shiverings),¹⁴.—Feels strong enough to do anything,¹³.—A peculiar sensation difficult to describe, something like a faintness,⁷.—Left side generally affected,¹³.—Aversion to open air, which aggravates the symptoms (secondary effect),¹³.—General amelioration of symptoms from moderate outdoor exercise,¹³.

Sleep and Dreams.—Sleeplessness. Sleeplessness,³.—Great sleeplessness from mental and nervous excitability (secondary effect),¹³.—[130.] Loss of sleep. (Coffeone),¹².—Complete inability to sleep on account of rush of all kinds of thoughts through the mind,⁴.—Wakefulness, with æsthetic mental excitement, intermitting with dreams,¹¹.—When going to sleep, starts up suddenly in affright, with groans and fear of falling, or of some impending danger (secondary effect),¹³.—**Dreams.** Sleep restless on account of many unpleasant and confused dreams,¹².—Dreams all night for three nights; vivid and brilliant visions of magnificence,¹¹.—On the third night, dream that the dome of the sky is spanned by rainbows from horizon to zenith. Visions of enchantment. Beautiful landscapes. View of Paradise. These delightful dreams followed by dreams of death of dear friends, which do not abate the cheerfulness or mental exhilaration, but he looks at all with supernatural indifference,¹¹.

Fever.—Chilliness. Skin cool and moist,⁴.—Coldness of the surface and limbs,⁸.—On account of easy perspiration, chilliness and shivering from the least exposure to cold air (secondary effect),¹³.—[140.] Chilliness, with general shaking and chattering of the teeth; cannot get warm; the chills ascend from the fingers and toes to nape of neck, and thence to vertex; when chilly, Cayenne pepper taken internally produces general warmth, and makes him feel fearless and courageous (secondary effect),¹³.—Feet and hands cold (secondary effect),¹³.—**Heat.** Heat,³.—Excessive heat, so that she threw off the outer clothing and sat for a while in a draft,⁶.—At one time, flushes of heat, at another currents of cold air down the back,⁴.—Excessive orgasm of blood (after half an hour),⁷.—Violent fever,⁶.—Hot flushes to the face, and heat (with which, however, there is a scarcely noticeable redness) of the cheeks,⁴.—Sensation as though alternate warmth and coldness were moving about in the bowels,⁴.—**Sweat.** Sweat,¹².—[150.] General sweat,⁶.—Profuse sweat. (Coffeone),¹².—Cold clammy perspiration all over body, but chiefly in the palms of the hands (secondary effect),¹³.

Conditions.—Aggravation.—(Cold food), Distress in epigastrium.—

Plate II.

EFFECTS OF COFFEA. FROM MARVAUD.



Fig. 10.—Normal.



Fig. 11.—Ten minutes after infusion of 60 grms. of an infusion of Coffea (75 grms. of C. to 500 of water)

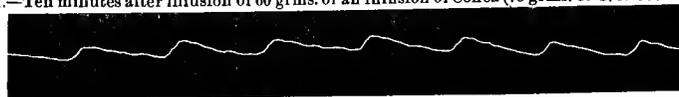


Fig. 12.—A second person normal.



Fig. 13.—Ten minutes after infusion, as before.

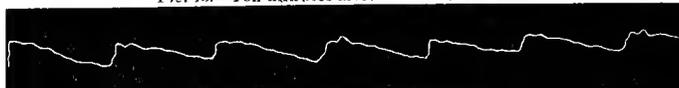


Fig. 14.—Normal pulse of third prover.



Fig. 15.—Fifteen minutes after same infusion.



Fig. 16.—Normal pulse of fourth prover.



Fig. 17.—Fifteen minutes after same infusion.



Fig. 18.—Normal pulse of fifth experiment.

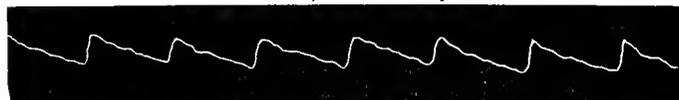


Fig. 19.—Five minutes after liquid charged with "Caffeone," (or empyreumatic oil, obtained by distilling an infusion of roasted coffeea.)

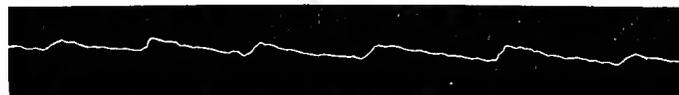


Fig. 20.—Fifteen minutes after 300 grms. of a decoction of Coffea cruda, containing no "Caffeone," but rich in Caffeine.



Fig. 21.—Normal pulse.



Fig. 22.—Five minutes after subcutaneous injection of 10 centigrammes of Caffeine. pulse, 56.

(*Cold water*), Distress in epigastrium.—(*Motion of head*), Sensation in parietal bones.—(*Thinking*), Vertigo, etc.

Amelioration.—(*Cold air*), Momentary relief.—(*Cold water*), Toothache.—(*Outdoor exercise*), The symptoms.—(*Change of position*), Vertigo.—(*On rising*), Feels better.

COFFEINUM.

Alkaloid obtained from *Coffea Arabica*. Formula, $C_8H_{10}N_4O_2$.

Preparation, Triturations.

Authorities. 1, Dr. C. G. Lehman, effects on students of doses of 2 to 10 grains, from Brill's monograph on C.; 2, Dr. Frerichs took 25 grains, from the same; 3, Dr. J. Lehman (see No. 12, under *Coffea tosta*), effects of 4 to 6 grain doses; 4, Eustratiades, Thèse de Paris, 1870, conclusions from series of examinations of urine. (See also sphygmographic tracing, Plate II, Fig. 11 to 22, from 5 Marvaud, *Aliments d'Épargne*.)

Mind.—**Emotional.** Great excitement, so that he was unable to fix the mind,².—Very excited fantasies,³.—Peculiar intoxicated condition,³.—Delirium,¹.—Visions,³.—**Intellectual.** Confusion of ideas,³.—Obscuration of mind,¹.

Head.—Slight vertigo,².—Pulsation of the arteries on the head and temples very marked,².—[10.] Head heavy and confused,².—Headache,¹.

Eye.—Vision of sparks,¹.

Ear.—Roaring in the ears,^{1 2}.

Stomach.—Vomiting, with relief of all the symptoms (after one hour),².

Urinary Organs.—**Urethra.** Constant urging to urinate, but only very scanty discharge,³.—**Micturition.** Amount of urine increased 140 c.c.; urea diminished 2.9 grammes; phosphoric acid diminished 0.2 grammes; sodium chloride diminished 0.9 grammes,³.—Amount of urine increased 4.84 c.c.; urea diminished 3.1 grammes; phosphoric acid diminished 0.37 grammes; sodium chloride increased 0.1 grammes,³.—**Urine.** Increase of urea during first twenty-four hours,¹.—First, Coffeine lessens the quantity of urea excreted, to a remarkable degree; diminution of 14.100 grammes the first week, from 15 centigrammes Coffeine; of 28.100 grammes, the second week, from 30 centigrammes. This diminution begins from the first day of taking Coffeine. On the subsequent days it is greater than at first, but is not afterwards increased (no cumulative action in the system, as in the case of Digitalin),⁴.

Sexual Organs.—[20.] Erections,¹.

Chest.—Oppression of the chest,¹.

Heart and Pulse.—Palpitation,¹.—Pulse very rapid,³.—Extremely frequent, irregular, and often intermitting pulse,¹.—Pulse full and hard, rising from 70 to 80, in fifteen minutes,².—On considering the changes in the pulse under the action of *Coffeine*, they are seen to be very similar to those observed after drinking a decoction of raw coffee; only they are, as might be expected, more strongly marked,⁵.

General Symptoms.—Great excitement of the nervous and vascular systems,¹.—Trembling,³.—Great uneasiness,².

Sleep.—[30.] At last very sound sleep,³.—Loss of sleep,¹.

Conditions.—**Amelioration.**—(*Vomiting*) All symptoms.

COLCHICINUM.

Alkaloid from *Colchicum autumnale*; *Formula*, $C_{17}H_{19}NO_5$.

Preparation, Triturations.

Authorities. 1, Schroff's provings, *Æst. Zeit. f. Pract. Heilk.*, 1856, 22-24, Heinrich took .01 of a gramme, and after a week took .02 gramme; 2, the only case of poisoning known, *Ber. Rudolph-Stift*, 227, 1867, a woman, aged twenty, took a solution of 45 milligrammes (*Husemann's Pflanzenstoffe*, 498).

Eye.—Pupils widely dilated,².

Face.—Tearing pains in the face,².

Mouth.—Increased secretion of saliva,¹.

Stomach.—*Eructation*. Eructations, nausea, and great desire to vomit,¹.—*Nausea and Vomiting*. Slight nausea, and an uncomfortable sensation, which distracted the attention of the prover from the lecture to which he was listening,¹.—On rising from bed, at night, nausea suddenly increased, and was followed by vomiting of undigested food, and afterwards of a bitter greenish fluid; the vomiting was repeated early in the morning,¹.—Vomiting of greenish substances, frequently repeated,².—Vomiting of blood for nine or ten days,².—*Stomach*. Pains in epigastric region (after four hours),².—[10.] Excessive sensitiveness of epigastric region,².

Abdomen.—Distension and sensitiveness in the abdomen,¹.—Frequent rumbling in the bowels,¹.

Rectum and Anus.—Urging to stool, causing him to leave his bed, followed by copious pasty evacuation, with excessive tenesmus; this was repeated three times within a short period,¹.

Stool.—Two stools on the second day, one on the third day, three on the fourth day, all accompanied by tenesmus, and consisting of a thin fluid with numerous flakes, looking like the cooked white of an egg, in pieces from two to four lines long,¹.—Stools thin, yellowish-green, and slimy, accompanied by pain (second day),¹.—Liquid stools,².

Urinary Organs.—Urine turbid, depositing a copious white sediment,¹.

Heart and Pulse.—Pulse 96,².—Pulse during the first two hours gradually sank about eleven beats,¹.

Superior Extremities.—[20.] Convulsive jerkings of right hand,².

General Symptoms.—Very great exhaustion on the second day after taking Colchicin, increased to a feverish excitement, lasting for two days, so that he was obliged to keep his bed on the second day,¹.

Sleep and Dreams.—Slight somnolency and collapse,².—Awakened from sleep soon after midnight by uneasy dreams,¹.

Fever.—The fever appeared as a chill about noon on the first day, followed by violent heat, lasting several hours, with increased thirst, very rapid pulse, confusion of the head, uneasiness, and sleeplessness,¹.

COLCHICUM.

Colchicum autumnale, Linn. *Natural order*, Liliaceæ. *Common name* (German), Zeitlose.

Preparation, Tincture of bulb dug in spring (Stapf's provings).†

† According to analyses the bulbs are most active in the fall just after flowering, Schroff, *Æst. Zeit. f. p. Heilk.*, 1856.—T. F. A.

Authorities (1 to 46 from Reil's treatise and collection, *Hom. Vjschfts.*, 8, 113). 1, Stoerck held the fresh root against the tongue for two minutes; 2, same, took 3 grains of root with wine; 3, same, took 1 grain of fresh root in bread; 4, Lewins, *Edinb. Med. Journ.*, 1837, a student took tincture, 20 to 60 drops; 5, same, a student, 30 to 70 drops of wine; 6, another person, aged 15, took 30 to 40 drops; 7, another person, aged 17, took 30 to 70 drops; 8, another, aged 12, took 30 drops of wine, morning and evening; 9, another, aged 10, took 15 to 25 drops; 10, Boecker, *Beiträge*, took 15 to 45 drops; 11, other provers took 20 to 45 drops; 12, Schroff, general summary of provings; 13, Sonnenberg, provings with tincture, from Boecker's *Beiträge*; 14, Krahmer, results of five observations (proving of tincture), Boecker's *Beiträge*; 15, Bennewitz, a man, aged 60, effect of 50 drops within an hour, in one subject to gout; 16, a man, aged 40, suffering from chronic rheumatism, took half an ounce of wine; 17, Andreae, 1834, a man, aged 30, took tincture of seeds; 18, Newbrandt, a man, aged 52, took 6 ounces of an infusion of seeds; 19, Santlus, poisoning of child of 4 years by seeds; 20, Shilling, a boy, aged 6, ate portions of the plant; 21, a man, aged 56, took $1\frac{1}{2}$ ounces of wine, *Edin. Med. and S. J.*, 14; 22, Boecker, effects on urine; 23, Krahmer, *Heller's Archiv.*, 1847; 24, experiments by Chelius; 25, Dr. Lindemann, seven provings with 3d to 15th dils.; 26, same man, second series of provings, 3d dil.; 27, same, provings with 2 to 10 drops of tincture; 28, W. S., proving with 3d and 15th dils.; 29, same, took tincture; 30, C. Sch., a girl, aged 30, took 15th dil.; 31, same, took tincture; 32, G. Schladt, proving with 3d and 16th dils.; 33, same, proving with tincture, 2 to 10 drops; 34, Dr. Link, took tincture, 4 to 20 drops; 35, same; 36, Louisa Link, aged 35, took 5 drops of tincture; 37, Dr. Schlosser, aged 30, provings with tincture; 38, same, took 3d and 15th dils.; 39, Dr. Keil, provings with tincture; 40, Dr. Ruckert, aged 59, proving with $\frac{1}{10}$ th; 41, E. R., girl, aged 20 (suffering from chronic inflammation of conjunctiva), took the $\frac{1}{10}$ th; 42, Dr. Zeichmann, aged 36, took 15th dil.; 43, same, took tincture; 44, Dr. Burkner, took tincture; 45, Dr. Fegerl, took the dilutions; 46, Dr. Bohler, took 3d dil.; 47, Dr. Weber, *Deutsch St. Arzk.*, 1864, a man took an infusion of seeds; 48, another man took the same; 49, a young man took the same; 50, a girl, aged 24, took the same; 51, Bethmann, *Stapf's provings, Archiv. f. Hom.*, 6, 147; 52, v. Gersdorf, *ibid.*; 53, Hahneinann, *ibid.*; 54, Schweikert, *ibid.*; 55, Stapf, *ibid.*; 56, Marges, *Journ. d. Med.*, 23, from Stapf; 57, Ehrmaun, *Diss. de Colech.*, *ibid.*; 58, Boerhaave, *ibid.*; 59, Peyer, *Peonis et Pythag. exercit.*, 50, *ibid.*; 60, Hopf, *Comment. Zom.*, 6 (1800), *ibid.*; 61, Actuarius, *Method. Med.*, lib. 3, *ibid.*; 62, *Nationalzeit.*, 1810, *ibid.*; 63, De Berge, *Journ. d. Med.*, 22, *ibid.*; 64, Collin, *Ann. Med.*, P. II, *ibid.*; 65, effects of bruising seeds in preparing tincture, from Unsin's collection of cases, *A. H. Z.*, 52, 42; 66, Dierbach, two children poisoned by seeds, from *ibid.*; 67, Ferreday, *Lond. Med. and Phys. J.*, 1832, a man took two ounces of seeds, from *ibid.*; 68, *Amer. Med. Lib. and Intell.*, 1839, some soldiers drank some wine of Colchicum, *ibid.*; 69, Hufeland's *Journ.*, 1841, effects of a drachm of wine taken daily, *ibid.*; 70, Siebert, *Trans. of Nat. Hist. Soc. of Brunswick*, 1842, general effects, *ibid.*; 71, Maclagan, *Mon. Journ.*, 1851, a young man, aged 26, took 20 drops of tincture, *ibid.*; 72, same, another man, aged 25, took 10 drops of tincture, afterwards 24 and 30 drops, *ibid.*; 73, same, a healthy girl took 5 drops of tincture, *ibid.*; 74, the same, B. proved repeated doses of 1 to 5 drops, *ibid.*; 75, Ollivier, *Archiv. Gen. de Med.*, 1836, a girl, 20 years old, took 4 to 5 ounces of tincture; 76, Forget, *Hygeia*, 15, 87, a

man, aged 60, took tincture in doses of 1 drachm to $\frac{1}{2}$ ounce daily, for articular rheumatism; 77, Roux, *P'Union Med.*, 1855, five persons, after operations, were given 60 drachms of tincture by mistake for China; 78, Dr. Frere, *Journ. Hebdom.*, 1835, a girl, 25 years old, took 5 ounces; 79, Chevallier, *J. de Chim. Med.*, poisoning; 80, Goullon, poisoning (by tincture taken for schnapps); 81, Sir Ev. Home, experiment on self with the wine (*Phil. Trans.*, 1816 and 1817); 82, Dayton, poisoning by about 2 ounces of wine, *Am. Med. Times*, 5, 337; 83, Henderson, poisoning of a woman by nearly 1 ounce of tincture, *Lond. Med. Gaz.*, 24, 763; 84, Warneke, a boy, aged 14, drank a wineglass and a half of wine of Colch., *Hosp. Tidende*, 1863; 85, Balluf, *Diss. de Colch.*, 1845, poisoning of a boy, aged $2\frac{1}{2}$, by the seeds.

Mind.—**Emotional.** Delirium (second evening),²¹.—Delirium at night,⁷⁶.—*Carphologia*,²⁰.—Lively mood (alternate action), (third day),³⁷.—Especially lively mood (second day),³⁷.—Sad mood (third day),³⁷.—Anxiety,^{17 65 77}.—Anxiety, causing sighing,²⁷.—Irritable and peevish (second day),³².—[10.] Very ill-humored; irritable mood (fourth day),⁴⁴.—Out of humor; apprehensive of impending evil,⁵⁵.—Fretful mood,¹¹.—Very fretful,¹⁰.—Great peevishness (second day),³².—Morose, ill-humored, nothing is right,⁵¹.—**External impressions, for example, bright light, strong odors, contact, the misdeeds of others, make him quite beside himself*,⁵¹.—**Intellectual.** Great flow of thoughts at night, which disturb sleep (second night),²⁵.—Intellectual faculties very much weakened,¹⁵.—The consciousness of logical connection was entirely destroyed, and his perceptive faculties were impaired by the slightest circumstances which interrupted the sequence of ideas,¹⁵.—[20.] Was unable to write connectedly,¹⁵.—Inability to fix the thoughts, wherewith the forehead seems tense,²⁷.—Weakness of memory; he forgets the words which he is about to speak, and can with difficulty collect his thoughts and continue to speak (thirteenth and fifteenth days),⁵¹.—Very forgetful and absentminded,⁵¹.—Loss of consciousness,²⁰.—Loss of consciousness and of pulse (second day),²⁰.—Became immediately stupefied, when laid in bed; could, however, be easily aroused and made conscious,⁸⁵.

Head.—**Confusion and Vertigo.** Confusion of the head,¹²; (second morning),³⁰; (second day),^{32 34 77}.—Confusion of the head, posteriorly and superiorly,³⁴.—Confusion of the head, with slight vertigo,⁷¹.—[30.] Confusion of the head, with headache,⁵⁵.—Confusion in the forehead (first day),²⁵.—Confusion of the forehead, worse on walking in the wind, better in the room,²⁷.—Some confusion of the forehead (after one hour),²⁷; (third day),²⁶.—Somewhat confused in the head, in the morning,³⁹.—Vertigo, even to falling, while sitting after walking (soon),³².—Slight vertigo, on rising (second day),³².—Momentary slight vertigo,³³.—Sensation of vertigo and dizziness in the head (soon after),³⁶.—Dizziness of the head, with confusion in the middle of the forehead,²⁷.—**General Head.** [40.] Perceptible pulsation in the head (after one hour),³⁹.—Head falls backwards,²⁰.—Congestion of the head, without headache,³⁹.—The head seems thick,²⁷.—Great pain in the head,³.—**Headache*,⁷; (soon),^{20 66 64}.—Headache deep in the head, extending across through the head between the ears and somewhat posteriorly, not very violent,³⁵.—Headache, coming on in the evening, very violent, and lasting through the night (fifth day),³⁶.—Transient headache (fourth day),¹⁰.—Transient headache in the evening,¹³.—[50.] Feeling as if something tightly bound the head (third day),⁸³.—Pinching pains in different places, here and there in the head; transient,⁵².—Pressive pain in the whole head, on going into a room after walking in the open air, disap-

pearing after some sleep (fourth day),⁴⁰.—Pressive, finely burrowing headache, more on the right side and in the vertex (fourth day),⁴⁴.—Feeling as though the previous headache would return, especially on shaking the head, after rising in the morning; after washing this became a pressive headache and continued the whole day, becoming worse towards evening, seated in the outer posterior portion of the head,³⁴.—Frequent slight stitches in the brain,³⁹.—Transient stitches in the brain, especially in the forepart, beneath the coronal suture (after one hour),³⁹.—Tearing in the head, especially in the frontal region,⁷³.—**Forehead.** Very severe pain in the whole of the forehead, especially above the eyebrows, and extending into the dorsum of the nose (third day),⁷¹.—A very violent pain in a small spot in the right side of the forehead, on waking in the morning,³⁴.—[60.] Neuralgic pain in the right frontal eminence, pressive, corresponding to a dull pain in the right occipital protuberance, relieved by pressure and cold,³⁸.—Headache above the left eye immediately after eating, better in the open air, but continues and is very troublesome in the room,⁴¹.—Fine headache in the middle of the forehead, together with a peculiar hyperæsthesia of the cranial nerves,¹⁵.—Slight dull headache in the forehead near the coronal suture (after one hour),³⁹.—Boring frontal headache above the right eye (second morning),³².—Boring frontal headache, especially over the left eye (second proving, second day),³².—Tearing tension in a spot on the left half of the forehead, as if an abscess would form,⁵².—Transient drawing headache just above the eyes, pinching,⁵².—Pressure in the frontal region, as if everything would press outward,⁷³.—Pressive sensation in the forehead and eyes (second day),²⁵.—[70.] Pressive pain in the frontal region,⁷³.—Pressive pain in the right, and afterwards in the left frontal region,⁷⁴.—Pressive pain in the upper part of the forehead, following the pain in the occiput; relieved by warmth and rest in bed,³⁴.—Pressive frontal headache above the right eye (third day),³³.—Oppressive frontal headache above the eyes, in the afternoon (second day),³².—Transient stitches in the forehead above the eyes, in the shoulders, elbows, and wrists (first day),³².—Transient stitches in the forehead above the right eye (first day),³².—**Temples.** Headache in the right temple in the evening, relieved when quiet in bed,³⁴.—Painful drawing in the left temporal region,⁴⁵.—Sticking pressure in the right temple, mostly in the evening,³⁷.—[80.] Tearing in the right temple,⁵²; (third day),³⁸.—Jerking tearings in the temples,⁷¹.—**Vertex.** Pain in the top of the skull, as if something were boring into the head; this painful spot moves along the sagittal suture,⁷¹.—Slight pressive headache in the vertex (first day),⁴⁴.—Oppression in the vertex,³⁷.—**Parietals.** Drawing in the upper part of the left side of the head, extending down into the nose,⁵².—Pressive headache in the right parietal eminence (fourth day),³⁷.—Pressive headache in a small spot on the upper part of the right side of the head, transient,⁵².—Tearing in the left half of the head, extending to the vertex,⁵².—Sharp, very painful drawing tearing in the left half of the head, which mostly commences in the eyeball of that side, and extends towards the occiput, lasting several days,⁵¹.—[90.] Crawling boring-tearing in a small spot on the upper part of the right side of the head; the same pain appears afterwards in the left side,⁵².—**Occiput.** The headache extended from the forehead towards the occiput, towards evening,³⁹.—Dull drawing pain, extending from the nape of the neck across the occiput to the ears,⁷¹.—A pressure, not very violent but very troublesome, deep in the cerebellum, caused by the slightest literary occupation,⁵¹.—Severe pressure in the right side of the occiput (after half an hour),⁵⁴.—Oppressive heaviness in the

occiput, especially on motion, or on bending a little forward,⁵¹.—Tearing in a small spot on the left side of the occiput,⁵².—Pressive-tearing pain in a small spot on the right side of the occiput,⁵².—**External Head.** The hair falls out freely,⁵¹.—Sensation as though the scalp were drawn from behind forward to the top of the skull,⁷¹.—[100.] Fine tearings in the scalp,⁵¹.—Sleepless nearly the whole night on account of sticking jerks, sometimes only in the skin, sometimes deep in the soft parts of the head and face,⁵¹.—Crawling in the head beneath the forehead,⁵⁵.

Eye.—Objective. Eyes wide open, staring, like one intoxicated,⁸⁵.—Eyes surrounded by dark rings,⁸⁴; (after eighteen hours),¹⁷.—Eyes surrounded by deep dark rings,⁶⁵.—Convulsive rolling of the eyes (after four weeks),²⁰.—Distortion of the eyes,⁸⁵.—**Subjective.** Dryness of the eyes,⁷⁴.—Heaviness in the eyes, as though he had not slept enough, with injected vessels,³⁹.—[110.] Aching in the eyes,⁵².—Pressive pain in the right eye,⁵².—Short, violent, sharp tearing in and around the right eye,⁵².—Biting in the right eye, especially in the external canthus, with some lachrymation and feeling as if the lids were agglutinated,⁵².—**Brow.** Pain in the bone over the left eye, on every motion; in the afternoon and evening, it increased to such a severe ache, above the left eye, that every slight noise seemed intolerable; the pain remained constant at the same place (soon after taking); next day, the headache returned to the same place; aggravated by every motion of the head; on the third day, the same pain, but instead of over the left eye, it was in the right side of the occiput; aggravated by bending the head backward, or raising the eyes; next day, very severe headache, commencing at 6 P.M., above the left eye, and extending over the whole left side of the head, disappearing after supper (fourth day); on the next day, she awoke without headache, but it returned in a short time in the left side of the occiput, and extended to the left eye, and even into the face,⁸⁶.—Constrictive sensation above the eyes (second day),⁴⁴.—Slight momentary pressure in the eyebrows,²⁷.—Deeply piercing sticking in the upper part of the left eyebrow, with a feeling as though it were drawn upward,⁷³.—Fine stitches above the right eye (second day),³³.—**Lid.** Ulceration of the Meibomian glands of the left lower lid, with swelling of the lid and great irritability of the nerves generally,⁵².—[120.] Eyelids in constant motion (second day),²⁰.—Twitching in the right upper lid,⁵².—Slow but visible drawing (similar to twitching), in the left lower lid, towards the inner canthus,⁵².—Burning and redness of the margins of the lids, as in blepharitis (fourth day),³⁷.—**Lachrymal Apparatus.** Lachrymation in the open air, so that I could scarcely see for several days,³⁴.—**Ball.** Corner of the left eye (which was usually perfectly clear like the right) became affected by a small white clearly defined macula, with some redness of the sclerotic (fourth day); † on the next day the ball was enlarged, the macula could be noticed only on the most careful examination; the cornea was somewhat dim, and a small quantity of purulent matter was found at the bottom of the anterior chamber; the lens and lens capsule seemed obscured; a complete capsular cataract seemed to have developed in a few hours; it was treated with Acetate of lead locally, with Tartar emetic ointment on the neck, and leeches on the left temple; after some days, the inflammatory symptoms subsided; the lens was obscured and had a greenish reflex; afterwards a membranous flake was seen in the anterior chamber attached by its upper extremity to the lower margin of the pupil, with the

† This symptom occurred after antidotes of Tartar emetic, Ipecac, Cinnamon, etc.
—T. F. A.

lower extremity directed towards the lachrymal canal; it was about two lines long and half a line broad; the lens was distinctly seen to be obscured, the iris turbid, the pupil extremely sensitive to light; after two weeks the greenish turbidity of the lens seemed to lie farther back,²⁰.—The cornea became very convex and pointed; the lens, which was opaque, seemed to be enlarged, and pressed forward against the iris (ninth day). On the twelfth day, the eye had improved; there was still some dimness in the posterior chamber, due to the lens, which had a greenish reflex; around the margin of the pupil, behind the iris, could be noticed a yellowish membranous exudation, which afterwards became firmly adherent in the posterior chamber; the iris was brown and dim; the pupils, however, extremely sensitive to the light; this membranous exudation afterwards sank to the bottom of the anterior chamber,²⁰.—Sclerotic of left eye became slightly red, cornea covered with sharply defined white spots; some purulent fluid collected in the anterior chamber, and a capsular cataract seemed to form in the posterior chamber (fifth and sixth days),²⁰.—The lens had the color of verdigris (after two weeks),²⁰.—Drawing digging deep in the eyeballs,⁵¹.—[130.] Pressive pain in the left eyeball,³⁴.—Feeling in the right eye as if the ball were compressed, lasting several seconds, and frequently returning (third day),⁷¹.—**Pupil.** Uneasiness of the pupils (after half an hour),⁴⁴.—Pupils dilated,²⁰.—Pupils somewhat dilated,⁶⁵.—Pupils slightly dilated,¹⁹.—Pupils much dilated (second day),²⁰.—Pupils contracted,⁶⁵ ⁶⁸; (after eighteen hours),¹⁷.—The right pupil moderately dilated, the left extremely contracted (after six weeks),²⁰.—**Vision.** Visual power was unusually acute,¹⁵.—[140.] Eyes dim (second day),³².—On attempting to stand, it became black before the eyes,⁶⁷.

Ear.—External. Pain behind the left ear, as if the gland were swollen,⁴¹.—Tearing behind the right ear, in the region of the articulation of the lower jaw; the place was painful to touch for some time,⁵².—**Internal.** The ears feel stopped, with roaring in them, if he takes a few steps about the room,⁵¹.—Right ear feels stopped (fourth day),²⁶.—Earache, then sticking as with needles in the ears, deep in,⁵².—Digging in the right ear, soon,³².—Pinching pains in the ears,⁵¹.—Twinging sticking in the left ear,⁵².—[150.] Stitches in the left ear,⁴¹.—Transient stitches in the left ear (after seven hours),³⁹.—Tearing in the right meatus auditorius,⁵¹.—Itching deep in the ears; inclination to bore into the ears, which were internally very dry; boring does not relieve the sensation, and does not even reach the itching painful spot,³⁵.—**Hearing.** Difficult hearing,²⁰.—Ringing in the right ear,³³.—Roaring in the ears,⁵¹.—Great roaring in the right ear,⁷³.

Nose.—Objective. Sneezing (soon after taking),⁵².—Catarrh in the nose and fauces (fourth day),³⁷.—[160.] Violent coryza,³⁵.—Obstinate coryza, which is never thin, and with which much tough mucus is discharged from the nose,⁵².—Decided fluent coryza (fifth day),³⁷.—Transient fluent coryza (second to fourth days),²⁵.—Epistaxis, in the evening,⁵¹ ⁷³.—

Subjective. Nostrils dry and blackish,²⁰.—Slight irritation to sneeze,⁷¹.—Sensation in the mucous membrane of the nose as of commencing coryza,⁷¹.—Sensation of warmth and crawling within the nose, as in nose-bleed (after a quarter and half an hour),⁵⁴.—Pinching sensation in the upper part of the nose,⁵².—[170.] Pressure and tearing in the nostrils,⁷¹.—Pressure in the nasal bones,⁷¹.—Pressure in the bones of the nose and face,⁷¹.—Sensation in the nasal bones, as from the pressure of a weight (after one hour and a half),⁵⁴.—Sore pain in the septum of the nose, in the right nostril; especially violent on touching the spot, and on moving the nose,⁵².—Crawling in the nose,⁵².—Crawling in the nose, with sneezing,⁵².—Crawl-

ing in the tip of the nose,⁵⁴.—*Smell*. Smell became very acute,¹¹.—Smell so acute that the laboratory work was almost unendurable,¹⁰.—[180.] The sense of smell is so morbidly acute, that the odor of substances to which he was usually quite indifferent, as, for example, broth, nauseates him,⁵¹.—The odor of a freshly beaten egg makes him almost faint (fourth day),⁵¹.—Smell as of smoked ham,³⁴.

Face.—Objective. Expression very suffering,⁶⁰.—Complaining, sad expression,⁵¹.—Expression of anxiety,¹³.—Face expresses great anxiety,⁶⁷.—Paleness of the face,^{49 50}.—Very great paleness,⁷⁸.—Face pale (second day),³².—[190.] Face pale and sunken,^{16 65}; (after eighteen hours),¹⁷.—Face very pale,^{80 85}.—Face bluish-white,⁸⁴.—Face sunken,⁶⁸.—Face sunken, Hippocratic,¹⁹.—Features drawn,⁷⁶.—The features are completely changed, and look as if he had been long sick (after five hours),⁵¹.—*Subjective*. Pain in the face, in a small spot on the right side, near the temple (fourth day),⁴⁴.—Pain in the face, or twinges in the ears, near the right articulation of the jaw (second day),⁴⁴.—A very unpleasant sensation in the bones of the face, as if they were widely drawn asunder; with some drawing jerkings in them,⁵¹.—[200.] Jerking-drawing pain in the muscles of the face, deep into the bones,⁵¹.—Tearing and tension in the left side of the face, extending to the ear and head,⁵³.—*Cheeks*. Cheeks red and hot,²⁷.—Cheeks, lips, and right eyelids purple-red,¹³.—Cheeks, lips, and eyelids purple,⁶⁷.—Cheeks and chin alternately pale and red (after six weeks),²⁰.—Sensation in both cheeks as if they would be drawn asunder,⁷¹.—Slight drawing in the upper jaw, on the right side, extending to the margin of the orbit, transient, and alternating with irritation in the throat (I am not subject to toothache), (after half an hour),⁴⁶.—Stitches in the left cheek,⁷³.—Tearing in the right upper and lower jaws, with a sensation as if the teeth were too long,⁵⁴.—[210.] Dull pain in the left cheek, as from a bruise or blow,³⁴.—*Lips*. The lips became very pale and tender; the slightest motion of the mouth cracked the skin of the lower lip,⁴¹.—Lips only slightly red,⁶⁰.—Lips bluish,⁸⁵.—Lips and tongue bluish and dry,⁸⁴.—Blue lips and nails,⁷⁷.—Lips violet,⁷⁸.—Hydroa on the upper lip,²⁵.—Lips cracked,⁵⁶.—Sharp cutting tearing in the vermilion border of the upper lip, left side,⁵².—*Lower Jaw*. [220.] Severe tension in the articulation of the lower jaw, so that he was obliged to lay aside the cigar, and felt relieved when he had finished it,³⁴.—Pinching pain in the right articulation of the jaw,⁵².—Sticking pressure beneath the left lower jaw (after four hours),³⁹.—Stitches in the left side of the lower jaw, sudden and transient,³⁹.—The masseter muscles seem increased in breadth, allowing him to open his mouth only a little, and with pain,⁵¹.

Mouth.—Teeth. Grinding of the teeth (after three days),²⁰.—Sensation of bluntness of the teeth, with drawing pain extending from the tips of the teeth of the upper jaw into the jaw-bone,⁷¹.—The teeth seem too long,⁷¹.—Toothache; the teeth seem too long,⁷³.—Painful grumbling in the upper back teeth,⁵².—[230.] (Decayed teeth became painful when chewing), (second day),³².—Drawing and cold sensation in the incisors of the lower jaw,⁷⁴.—Drawing pain in the teeth, caused by taking anything cold immediately after something warm (after two hours and a half),⁵⁴.—Pressive toothache in the left lower back teeth,⁵².—Stitches in the teeth of the right side,⁴¹.—Tearing in the roots of the left lower teeth,⁵².—Toothache, making the teeth sore,⁵².—The teeth are so sensitive that he is unable to bite upon them,⁵¹.—*Gums*. Follicular inflammation of the gum, about the right incisors,³⁸.—Tearing in the right lower gum,³⁵.—[240.] Tearing in the gum of the left lower front teeth,⁵².—Tearing in the upper part of

the gum, in the upper part of the right side of the mouth, above a hollow tooth,⁵².—**Tongue.** **Tongue very white,*⁸⁵.—Tongue pale-blue, and cold,⁷⁸.—Tongue very yellow,⁶⁵.—Tongue red, covered with mucus,⁴⁹.—Tongue bright-red, coated only at the root,¹⁹.—Tongue coated in the morning,¹¹.—Tongue somewhat coated in the morning,¹⁰.—Tongue coated white (second day),³².—[250.] Tongue thickly coated yellow (after eighteen hours),¹⁷.—Tongue covered with thick brown fur (after eight days),²⁰.—Heaviness of the tongue; it was difficult to find the right word, and, when found, to articulate it,¹⁵.—The tongue became at first heavy, then stiff, and lastly insensible, so that it was almost without sensation for six hours, after which it gradually recovered,¹.—Velvety sensation on the tongue,³⁹.—Burning in the tongue,⁵⁷.—Prickling burning on the margin of the tongue (after one hour and three-quarters),³⁷.—Sensation of burning, and fine sticking on the tongue,⁵⁶.—Fulness of the tongue,⁷⁴.—Sensation as though the tongue were enlarged,⁷⁴.—[260.] On moving the tongue, and in swallowing, she experienced sharp pain about the root of the tongue (third day),⁶³.—Tearing in the back part of the left side of the tongue,³².—Some transient stitches in the middle of the tongue (after nine and thirteen hours),⁵⁴.—Biting sensation on the tongue and in the throat,⁴⁶.—**General Mouth.** A small follicular ulcer of the size of a pea in the commissure of the upper lip and gum, with burning pain; it continues to enlarge till after a dose of Kali bichrom. (third day),³⁷.—Blunted sensibility of the whole mouth, especially of the tip of the tongue; immediately,⁷¹.—Dryness of the mouth (first night),³².—Sensation of warmth and dryness in the mouth (after two hours),³⁹.—Heat in the mouth; rather more thirst than usual,⁵⁵.—Burning in the mouth and stomach,⁷⁰.—[270.] Burning in the mouth and whole of the pharynx,⁷¹.—Excessive burning in the mouth,^{17 65}.—Scraping, with pasty taste and great hunger,³⁹.—Constant scraping-crawling sensation in the posterior portion of the palate, as in coryza,⁵².—An agreeable prickling sensation in the mouth (as after the carbonic acid of champagne), with increased secretion of saliva,³⁷.—**Saliva.** Increased secretion of saliva,⁷⁴; (after a quarter of an hour),⁵⁴.—Increased secretion of agreeable-tasting saliva,³⁶.—Secretion of saliva greatly increased, immediately,⁷¹.—Profuse salivation, the whole day,⁵⁴.—Very profuse salivation (eighth day),⁵¹.—[280.] Expectoration of much watery saliva,⁵¹.—Great collection of watery saliva, with nausea, fulness, and discomfort in the abdomen (after four hours),⁵¹.—Constant accumulation of watery saliva for several days, with dryness of the throat,⁵¹.—Salty saliva, having a peculiar piquant taste (after one hour and a quarter),³⁷.—Collection of water in the mouth (after a quarter of an hour),⁵⁴.—Some greenish mucus is involuntarily thrown out of the mouth, while sneezing,⁵².—**Taste.** Taste pasty (second morning),³².—Bitter taste in the mouth,⁷⁴.—Bitter flat taste in the mouth (second day),⁴⁴.—Taste bitter and flat,²⁷.—[290.] Transient bitter taste (soon after),²⁷.—Even strongly tasting food causes a sensation as if he were chewing a piece of old linen,⁵¹.

Throat.—Objective. Perceptible pulsation in the carotids (after nine hours),³⁹.—Inflammation of the whole throat,⁵¹.—Much mucus collects in the throat; it has a greenish look when expectorated,⁵².—Frequent hawking of scanty mucus,³⁹.—**Subjective.** Dryness of the throat (after two hours),^{38 48 50}.—Dryness and scraping in the throat,³⁴.—Some dryness in the throat,²⁷.—Great dryness in the throat, as if painful on swallowing, like a commencing catarrh,³⁵.—[300.] Scraping dryness in the throat,³⁴.—Sensation of dryness in the throat; the uvula, as well as the arches of the

palate, is slightly red (first day),²⁶.—Scraping dry sensation in the throat, with tickling cough (after half an hour),⁴⁶.—Constriction of the throat,⁵⁸.—Pinching in the posterior portion of the throat, as in commencing angina; with great dryness in the throat, and somewhat impeded swallowing (second day),⁵⁴.—Tearing far back in the throat, more on the left side,⁵².—Rawness in the throat, with a hoarse voice, in the morning,⁵².—Constant crawling in the throat, with loosening of thin mucus, so that it must be frequently expectorated,⁵².—Severe crawling in the throat, which provokes a hacking cough and hawking of mucus,⁵².—Biting crawling in the back of the throat,⁵².—**Uvula.** [310.] Uvula painful and red,²⁷.—Burning in the uvula, soon followed by profuse pale urine (after a few minutes),².—**Pharynx and Œsophagus.** Slight constriction of the pharynx,⁷¹.—Burning heat in the pharynx and along the œsophagus,⁷¹.—Sensation at the commencement of the œsophagus, on drinking, as if there were a large round swelling there,⁵¹.—**Swallowing.** Difficult swallowing,¹⁷.—Swallowing difficult,⁶⁵.—Swallowing difficult, with pain along the œsophagus (after eighteen hours),¹⁷.

Stomach.—Appetite. Increased appetite (after four hours),^{27 45}.—Appetite increased, at noon (first day),³³.—[320.] Appetite for dinner increased (second day),³².—Great appetite,³¹.—Great appetite, in the evening (first day),²³.—Appetite was very voracious during the whole proving,²⁶.—*Enormous appetite (third day),²⁵.—Hunger in the afternoon (first and second days),²⁵.—Sensation of hunger, soon,²⁸.—Sensation of gnawing hunger; almost a throbbing in the stomach (after a quarter of an hour),⁴⁴.—Appetite diminished,¹¹.—*Loss of appetite,*^{7 51}; (third day),⁵.—[330.] Entire loss of appetite,³.—No appetite for breakfast,¹⁰.—**He has appetite for different things, but as soon as he sees them, or still more, smells them, he shudders from nausea and is unable to eat anything,*⁵¹.—**Thirst.** Thirst (soon),²⁰.—*Thirst increased,*^{10 11}.—Much thirst,⁵⁰.—**Great thirst,*^{84 85}; (after four hours),⁸².—Great thirst, in the afternoon,⁷⁴.—Excessive thirst,^{3 79}.—Extreme thirst, with the most violent pain in the stomach and bowels,²¹.—[340.] *Unquenchable thirst,*^{17 19 63}; (after fifteen hours),⁶⁷, etc.—Tormenting thirst,⁶⁹.—Burning thirst,⁷⁸.—Desire for cold drinks,¹⁷.—**Eruclation and Hiccough.** Eructations,^{45 71}; (after five minutes),⁷³.—Eructations and profuse vomiting of yellow fluid,¹³.—**Eructations, with burning in the stomach* (after half an hour),⁷⁴.—Frequent eructations (second day),^{39 69}.—Frequent eructations and yawning (nothing unusual),⁵⁹.—Constant eructations and retching, without vomiting,¹³.—[350.] Empty eructations (third day),³³.—Empty, tasteless eructations,³⁹.—Frequent empty eructations, soon,³².—Many empty eructations, in the forenoon,⁵².—Constant eructations of air,⁵¹.—Eructations of water,²⁹.—Hiccough,⁵⁹.—Hiccough, for hours at a time,⁵¹.—**Heartburn.** Slight heartburn (after one hour),¹.—**Nausea and Vomiting.** Nausea,^{45 66}; (immediately),⁵⁵.—[360.] Nausea in the throat, caused by pressure from below,³⁴.—Nausea in the throat, as if it would make me vomit everything,³⁵.—Nausea at times, during dinner,⁵⁴.—Nausea after dinner of which he could eat only a little,¹¹.—Nausea, on assuming an erect position,⁵¹.—Nausea, and inclination to vomit (second day),³².—Nausea, with inclination to vomit if he swallows the saliva,⁵¹.—Nausea, with copious and easy vomiting, immediately followed by appetite,⁸.—Nausea, and vomiting of bile,⁷.—Nausea, and vomiting of tenacious bile,⁹.—[370.] Nausea, increasing after every dose until he vomited three times; after which he ate a little, but it was immediately vomited,⁶.—Nausea, becoming very violent; continuing until the next day, when he

vomited, in the morning, more than a quart of a thick whitish substance; and again vomiting, at 11 A.M., of much tenacious greenish matter; soon repeated; also, at 3 P.M., vomiting of some brandy and water which he had taken; and again, vomiting at 4 P.M.; the nausea still continued on the third day, during which it gradually abated.⁵—Slight nausea, after eating,¹⁰.—Great nausea, with trembling of the abdomen, and painful contractions and gripings, in the morning, on waking (third day),⁷¹.—He feels so very much nauseated and so qualmish, with constant accumulation of saliva and dryness in the throat, that he turns hither and thither discouraged, with great distraction of mind and loss of physical power (after five hours),⁵¹.—Standing up increases the nausea and causes vomiting of bitter fluid,⁷¹.—The nausea is relieved for a short time after every attack of vomiting,⁵¹.—Qualmishness,³⁹.—Retching and eructations (after one hour),⁷¹.—Violent retching; after retching a long time, vomiting of a large mass of yellowish mucus, bitter as gall, and leaving a bilious bitter taste in the throat,⁵¹.—[380.] Inclination to vomit,⁴⁵.—*Vomiting*,^{59 60}.—Vomiting frequent, but scanty,⁷.—Vomiting of a whitish-gray fluid,⁶⁰.—Vomiting of green fluid,²⁰.—Vomiting of much yellowish-green water,⁶⁵.—Thin and slimy vomiting,⁷⁹.—Vomiting of food and pale greenish-mucus,¹⁹.—Vomiting of undigested food and yellow liquid, followed by diarrhoea,⁸⁴.—Vomiting what he had taken for breakfast (after one hour),⁸².—[390.] Vomiting, first of food taken the night before, followed by a great quantity of thick, yellow bile, several basinfuls (after three hours). The matter vomited became thinner and less yellow, and ultimately (after twenty hours), it was of a pale straw-color, containing a large quantity of small white shreddy particles,⁶³.—**Vomiting, with watery diarrhoea*,⁶⁵.—Repeated vomiting,⁷⁵.—Vomiting frequent, throwing up his drinks, tinged with bile (after four hours),⁸².—Frequent vomiting of a yellowish-green fluid, lasting the whole day, and so violent that he was unable to retain the slightest food or drink,¹⁶.—Frequent vomiting of bile, with violent griping in the abdomen, followed by bitter taste in the mouth and throat,⁵¹.—Constant vomiting,⁷⁷.—Almost incessant vomiting of colorless and inodorous fluid,⁷⁸.—Excessive vomiting and retching,⁴⁸.—Violent vomiting of a brown substance,⁷⁶.—[400.] Violent vomiting of all the food eaten three hours previously (after six hours),⁵¹.—Violent vomiting and diarrhoea,^{17 65}.—Violent vomiting (with trembling and cramps),⁶⁰.—Vomiting, very violent, at first of greenish water, afterwards of the contents of the stomach,⁶⁶.—**He was obliged to bend himself up and lie quite still the whole day, without the slightest movement, else he was seized with the most violent vomiting*,⁵¹.—Frightful vomiting,⁴⁹.—Frightful vomiting, at first of food mingled with a brown, bitter powder, at last of water, partly bitter, partly flat-tasting mucus,⁴⁷.—He was only able to lie upon the right side; frightful vomiting was renewed on every motion or change of position,⁵¹.—**Stomach.** Rumbling and moving in the stomach,³⁷.—Gastritis,¹⁹.—[410.] Desire to hic-cough,³.—Weakness and oppression of the pit of the stomach,⁸⁴.—Uneasiness at stomach (after one hour),⁸².—An unpleasant sensation in the stomach, extending backwards to the spinal column (after one hour),⁷¹.—Sensation of emptiness and faintness in the stomach, even after breakfast,⁷⁹.—Sensation of warmth and fulness in the epigastric region,²⁷.—Sensation of increased warmth and fulness in the stomach,⁷¹.—**The stomach seems constantly icy cold*,⁵¹.—Feeling of disordered stomach, with many eructations, tasting of undigested food (fifth day),⁴⁰.—Pain in the stomach,⁴⁵.—[420.] Pains in the stomach and abdomen,⁶⁶.—Pain in the epigastric region; although the

stomach feels swollen, this is not the case; it endures no pressure, so that even light clothing is annoying (fifth day),³⁶.—Pain over region of stomach, with nausea and frequent vomiting; the pain gradually extended itself over the abdomen (after one hour),⁸².—Great pain at stomach (after three hours),⁸³.—Severe pain and tenderness over region of stomach, and extending over bowels (after four hours),⁸².—Violent pains in the stomach,⁶⁹.—Violent pain in the stomach, in the morning,³⁶.—Violent pains in the epigastrium (after ten hours),⁶⁷ ⁷⁵.—Intolerable pain in the epigastrium and in the whole of the abdomen,⁷⁷.—Epigastrium painful, especially to pressure,⁷⁸.—[430.] Burning in the stomach after a quarter of an hour, continuing for an hour; at last it seemed to spread upward along the sternum,³.—Burning and heaviness in the stomach,⁶¹.—*Violent burning, in the epigastrium,⁷⁷.—*Violent burning and pain in the stomach,⁶².—Fulness of the stomach, as though she had eaten very much,⁷³.—Fulness of the stomach, as if sensitive to the pressure of the clothes (fourth day),⁴⁴.—Fulness, tension, and oppression in the epigastric region, especially while walking (third day),⁴⁴.—Severe tension in the epigastric region,³.—Constriction in the stomach (after three-quarters of an hour),⁷¹.—Cramp in the stomach,⁴⁵.—[440.] The stomach became spasmodically contracted when touched,¹⁸.—Pressure in the stomach,¹².—Pressure in the stomach, after a light meal (third day),³³.—Pressure and discomfort in the epigastric region (after three-quarters of an hour),⁷¹.—Slight pressure in the stomach,³⁹.—Slight pressure in the stomach, extending into the left side of the abdomen (after half an hour),³⁹.—Pressive pain in the stomach; in the evening, while walking (second day),⁴⁴.—Oppression and violent pressure in the epigastric region (after five hours),¹⁷.—Oppression and excessive pressure in the pit of the stomach,⁶³.—Slight oppression in the pit of the stomach,⁵².—[450.] Violent tearing pains in the stomach when he began to vomit and purge (after one hour),²¹.—Unpleasant sensation in the stomach, as if sore,⁵⁵.—Epigastric region sensitive to pressure,⁴⁸ ⁸⁶.—Epigastrium extremely sensitive to pressure,⁵⁶.—Epigastric region cannot endure the slightest touch,⁵¹.—Crawling in the stomach,⁵¹.—Crawling in the stomach on becoming erect, amounting even to vomiting,⁵¹.

Abdomen.—*Hypochondria.* Increased secretion of bile,⁶⁹.—The secretion of bile was constantly increased after Colchicum, as shown not only in the stools, which were always very bilious and copious, but also in the bilious vomiting,²².—Pain, as from incarcerated flatus, immediately under the short ribs of the right side,³².—[460.] Inability to sleep, on account of not being able to lie on the left side according to habit; it constantly seemed as though a fold, or something of that kind, pressed against me; this, however, was not the case, and I found that a pain in the region of the spleen was the cause, and that it was especially noticed on external pressure,³⁴.—Tensive sensation transversely across the hypochondria (after four hours and a half),³⁹.—Slight sticking in the left hypochondrium,³⁹.—Tearing in the left hypochondrium,³⁴.—Cutting-tearing pains in the hepatic region,³⁴.—Transient stitches in the spleen in the evening (first day),³³.—**Umbilical.** Sharp pressing-outward pain above the navel, somewhat to the left side,³².—Violent sharp stitches in the umbilical region,⁵².—Pressive colic about the umbilical region, with flatulence, before and at the commencement of the midday meal,⁵².—Sticking colic here and there below the umbilical region,⁵².—**General Abdomen.** [470.] *Abdomen distended (third day),³³.—Abdomen distended, tense, and hard,¹⁶.—Abdomen greatly distended,⁴⁵.—Great distension of the abdomen,⁶³.—*Great distension of the

abdomen, as if she had eaten too much, although she had not taken the slightest food; after taking a moderate amount of very light food this sensation became much more troublesome (after three hours),⁵⁵.—The abdomen became extremely distended in a short time,⁶².—Abdomen not distended but doughy, and painful on the slightest pressure (after four weeks),²⁰.—Abdomen sunken,⁸⁰.—Violent enteritis,⁷⁹.—Movings about in the abdomen, as though diarrhœa would ensue,⁶¹.—[480.] Rumbling in the abdomen, soon,³³; (first day),³².—Rumbling in the abdomen, as with diarrhœa (nothing unusual),³⁹.—Rumbling in the abdomen, as from wandering gases in the transverse colon (second day),³⁷.—Rumbling in the abdomen, with griping colic,⁷⁰.—Rumbling in the abdomen and urging to stool,¹¹.—Rumbling in the bowels, with urging to stool,¹⁰.—Rumbling in the intestines, followed by soft stool, and after half an hour by a second still softer (second day),⁴⁶.—Slight rumbling in the abdomen, soon giving place to a sensation of hunger,³⁹.—Passage of flatus (second day),³⁰.—Passage of odorless flatus (second day),³².—[490.] **Very offensive flatus in the evening*,⁷².—Much forcible offensive flatus,³⁵.—Discomfort in the abdomen (second day),⁴⁴.—Uneasiness in the abdomen, with movings and urging to stool,⁷².—An unpleasant sensation (ache) in the upper abdomen, on pressure (second day),²⁵.—Sensation of weakness in the abdomen, becoming hunger,³⁹.—Feeling as though flatulence was incarcerated in the abdomen,³⁹.—Pains in the abdomen (after one hour and a half),⁶⁷.—Pain in the abdomen, as from incarcerated flatus,⁵⁵.—Violent pain in the bowels,⁷⁶.—[500.] Some burning in the abdomen below the navel, with slight dragging towards the small of the back,³⁹.—Slight burning here and there in the abdomen, which gradually became violent, and changed to a transient but severe griping (after a few hours),³.—Fulness in the abdomen,³⁹.—Fulness of the abdomen after eating, relieved after a copious, thin, pasty stool,¹¹.—Sensation of fulness in the abdomen (fifth day),⁵⁶.—Feeling of fulness in the abdomen after supper,¹⁰.—Slight tension in the upper abdomen, extending to the right hypochondrium,³⁹.—Painful constriction of the abdomen precedes vomiting,⁵¹.—Cramps in the muscles of the abdomen and flexors of the limbs,⁶⁸.—Very violent cutting cramplike pain in the upper abdomen, extending to the navel, in the evening, lasting half an hour, similar to a colic or premonitions of diarrhœa,³⁴.—[510.] *Griping in the abdomen*,^{18 69 78}.—Griping in the abdomen, with unsatisfactory stool (third day),³³.—Griping in the abdomen, followed by pasty stool (second day),³³.—Gripings and movings in the abdomen (after three-quarters of an hour),¹⁸.—Slight griping, as from flatulence or diarrhœa (fourth day),⁴⁶.—Griping pains in the abdomen,⁷².—Pinching pain in the abdomen near the right hip,⁵².—Aching and discomfort in the whole abdomen,⁵¹.—Constant slight drawing sensation in the abdomen, as if colic would occur,³⁹.—Dragging and moving in the transverse colon,³⁷.—[520.] Dragging sensation, extending from the abdomen to the chest, with anxiety and heat, especially of the head, lasting two hours (after one hour),⁵⁴.—Gnawing in the abdomen,¹¹.—Some gnawing in the abdomen,¹⁰.—Pressure in the abdomen,⁵⁵.—Pressure in the left side of the abdomen, as from incarcerated flatus; the place is also sensitive to pressure,³⁹.—Pressure and discomfort in the region of the transverse colon (sixth day),⁴³.—Some pressure in the upper abdomen, in the morning, on waking,⁵².—Sticking pressure in the left portion of the transverse colon, momentary (second day),³⁷.—A painful, uncomfortable sensation of pressure in the abdomen, relieved by rubbing with the hand, followed by tasteless eructations and passage of flatus,⁴⁵.—Pinching-pressive sensation in the left side of the upper abdomen,

extending to the region of the hip, relieved for a short time by eructations,⁵². —[530.] Cutting pain in the lower right side of the abdomen, afterwards in the upper left side, though not like the previous cutting in the intestines; indeed it was not in the intestines,³⁴.—Sensation of cutting in the abdomen (fourth day),³⁶.—Constant sensation of cutting in the abdomen (fifth day),³⁶.—Transient stitches transversely through the abdomen,³⁹.—Tearing in the abdomen just to the left of the right hip,⁵².—Several cutting tearings in the right side of the upper abdomen,⁵².—Colic,⁶⁰.—Colic and diarrhœa, immediately after rising,⁴¹.—Colic-like pains and vomiting, with diarrhœa,⁷⁷.—Violent colic,⁸⁰.—[540.] Violent colic and frequent vomiting through the night,¹⁹.—A pressing-out colic during supper, just beneath the pit of the stomach, relieved by eructations,⁵².—A pain, as from internal soreness, even on touch, between the left hip and ribs,⁵².—Sensation of pulsation in the abdomen and chest, like a great rush of blood to the chest (second morning),⁴⁰.—*Hypogastrium*. Irritation in the lower abdomen and anus, as from diarrhœa, after dinner; urging to stool, with aching in the abdomen,³⁵.—Frequent and constant colic in the lower abdomen, as with diarrhœa, and almost involuntary passage of slimy, watery stools,³⁵.—Pressure in the ileum to the left of the navel (after two hours),³⁷.

Rectum and Anus.—*Rectum*. Prolapsus of the rectum,⁶³.—Sensation as of diarrhœa, preceded by cutting pain, without watery or thin evacuations,³⁵.—Slight throbbing smarting in the rectum,³⁹.—*Anus*. [550.] **Spasms in the sphincter ani, with chilliness running up the back, followed by urging to stool without being able to sufficiently evacuate the bowels*,⁵¹.—Sensation in the anus as of diarrhœa; copious evacuations, not thin, followed by sensation as of diarrhœa in the rectum, with sore pain in the anus,³⁵.—Sensation of warmth and slight prickling in the anus,²⁷.—Very painful anus,⁶³.—Burning in the anus,⁵².—Intermitting burning in the anus,⁵².—Transient stitches in the anterior part of the anus, in the urethra, and in the left hip,²⁷.—Fine sticking tearing in the anus,⁵².—Pain in the sphincter, as if it would be torn, with a hard stool,³⁵.—Crawling and violent jerking in the anus,³².—[560.] Sudden severe itching in the anus,²⁷.—*Urging*. Urging to stool in the afternoon, followed by an evacuation which was extremely painful, and had to be accomplished with great care, since it seemed as though the whole sphincter would be torn asunder,³⁵.—**Urging to stool, relieved by frequent passage of flatus*,²⁷.—Urging to stool, with rumbling in the abdomen and pressure in the epigastric region (after eight hours),⁷¹.—Urging to stool, with passage of flatus (third day),²⁷.—Urging to stool, with passage of some hardened fœces, or even no passage at all, with pain in the anus, several times during the day,⁵⁴.—**Considerable urging to stool, which is unsatisfactory*,³⁹.—Much urging to stool, which is difficult to pass, though soft, and is followed by pain in the small of the back (fifth day),³⁶.—Frequent urging to stool, without result,¹⁰.—Frequent urging to stool and some rumbling in the abdomen, but without result,¹¹.—[570.] Constant urging to stool, without result (third day),²⁶.—Constant urging to stool, with very copious evacuation and very violent griping pain, followed, after a quarter of an hour, by a sensation of much motion in the colon, after which there were six copious, watery, yellow evacuations,⁴.—Ineffectual urging to stool; the rectum seemed quite inactive; nothing was accomplished, although the fœces were felt in the rectum,³⁵.—*Very painful urging to stool; at first only a little fœces passed, but afterwards there followed a transparent, gelatinous, and very membranous mucus, with some relief of the pain in the abdomen* (after three hours),³.—Inclination to diarrhœa,⁵³.—**Tenesmus*,^{67 77}.—Constant

tenesmus, with evacuation of only a small quantity of fæces,¹³.—Much tenesmus with stool,⁷⁴.—She was frequently obliged to go to stool, without being able to pass anything; preceded by colic,⁵¹.

Stool.—**Diarrhœa.** Diarrhœa consisting of mucus like rice-water,⁶⁴.—[580.] Incessant diarrhœa,⁶³.—**Bilious diarrhœa, afterwards mixed with white membranous pieces*,¹⁴.—Watery diarrhœa,⁵¹.—Severe purging of bilious fluid (after three hours),⁸³.—**Dysentery; the evacuations slimy and bloody, with tenesmus*,⁶⁸.—Frequent stools,⁹ ⁶⁶.—Frequent stools and vomiting,¹⁶.—Frequent stools, alternating with vomiting,¹⁸.—Frequent liquid stools, with gripings in the abdomen,⁷⁶.—Stools watery, frequent,⁸⁵.—[590.] **Stool frequent, offensive, consisting of orange-yellow slimy fluid, mingled with many bright yellow flakes, without any fæces*,¹⁷.—Frequent evacuations from bowels, with pain; discharges large and watery; colored with bile resembling the matter vomited (after four hours),⁸².—Several large watery evacuations, accompanied by severe griping pain at each discharge (after four hours),⁸².—Two stools during the first night,²⁸.—Two unusually easy stools (second afternoon),²⁵.—Two pasty stools during the day (third day),³⁷.—Four yellow, watery stools (first day),⁵.—Stool and urine passed involuntarily (after three days),²⁰.—Stool often involuntary during the first night, but not bloody,²¹.—Frequent watery stools, without any sensation,⁵¹.—[600.] Stools profuse, liquid, becoming involuntary before death, of a black color, and of an extremely offensive odor,⁶⁷.—**Copious yellowish watery stools*,⁶⁹.—Stools yellow, bloody, thin,⁸⁰.—Stools watery, yellow,⁷⁷.—Watery stools, without any pain,⁹.—**Discharges from bowels containing a large quantity of small white shreddy particles (after twenty hours)*,⁸³.—Stools without tenesmus, offensive, orange-yellow, slimy fluid, with many bright-yellow flakes, without fæces,⁶⁵.—Bloody stools, with gripings in the intestines,⁶¹.—Semi-diarrhœalike stool in the morning following the usual stool (second morning),⁴⁶.—Very copious thin yellow stool, preceded by some pain, with rumbling and sensation of moving about in the abdomen; these sensations returned soon after the stool, with urging to stool without result,¹¹.—[610.] Soft stool, with slight tenesmus (after nine hours),⁷¹.—Pasty stool,³⁹.—Pasty stool, with flatulence, after dinner, followed by emission of offensive flatus (after six hours),³⁹.—Thin stool, preceded by colic,⁵¹.—A thin watery stool passes, without any sensation,⁵¹.—Stool thin, watery, frothy, painless,¹¹.—Stool as thin as water, frothy, without pain,¹⁰.—Stool thin, yellow, pasty, evacuated with force; during the stool and afterwards an uncomfortable almost painful sensation in the abdomen,¹¹.—Stool thin, yellow, copious, followed by some pain, with rumbling and movings in the abdomen, together with some tenesmus,¹⁰.—Stool thin, yellowish, pasty, evacuated with great force, accompanied by an uncomfortable almost painful sensation in the abdomen,¹⁰.—[620.] Slimy stool, with great pressure and tenesmus, in the afternoon (third day),⁷¹.—Stool watery, slimy, brownish-black, of a serpentine look, feculent, as though mixed with fresh bile or fresh blood,¹⁰.—Stool very watery, slimy, greenish-black, offensive, smelling like fresh bile, or fresh blood which has stood for some minutes in a water-bath,¹¹.—**Stool offensive, rather liquid, containing small pieces of a white membrane (after twelve hours)*,¹⁸.—Stool, with tenesmus and sensation as in diarrhœa,⁷¹.—Passage of much offensive fæces (third day),²⁶.—**Constipation.** Constipation (third day),³³.—Constipation for several days, and when the stool appeared it was very small, not in proportion to the amount eaten,⁵².—Constipation, with sensation of fulness in the rectum (third day),⁴⁴.—Stool very sluggish and scanty,²⁶.—[630.] Stool soft, diffi-

cult to discharge; a portion of it remained in the anus,³⁴.—Stool not hard, but more difficult to pass than usual (second day),⁴⁴.—The stool not hardened, but very scanty; was evacuated with great exertion,⁵².

Urinary Organs.—**Urethra.** Burning through the whole urethra, with slight contraction of the neck of the bladder on urinating (after nine hours),⁷¹.—Slight burning in the urethra (third day),³³.—Violent burning in the urinary passages,⁶³.—Intolerable crawling burning in the urethra, in the morning, in bed, after urinating, with sensation as though more urine would pass, and burning when passing a few drops, as if it were glowing hot; together with burning in the anus (same pain repeated after eight days, also in the morning, in bed),⁵².—Burning sensation in the urethra, as if it were sore, on urinating,⁵¹.—Drawing and tearing in the urethra,⁵¹.—Pressive drawing in the urethra,⁵².—[640.] Drawing sensation in the lowest portion of the urethra,⁵².—Drawing pain in the urethra,⁵¹.—Cutting in the forepart of the urethra,⁵².—Slight cutting on micturition (third day),³³.—Tickling in the navicular fossa,³⁹.—Urging to urinate,^{37 56 70}.—Great urging to urinate,²⁷.—**Micturition.** Frequent micturition,²⁰.—Frequent micturition, day and night (third day),²⁷.—Frequent deep-yellow urine, more profuse than usual,³⁹.—[650.] Micturition more frequent than usual,⁵².—Diabetic urine was passed every half hour (after two weeks),²⁰.—Increased secretion of urine,⁵¹.—Increased dark-colored urine,⁷⁰.—Urine somewhat increased during the first twelve hours, with some urging therewith,⁵⁴.—Urine copious, golden-yellow, clear, afterwards with white floating clouds (third day),³³.—Urine profuse and hot,²⁷.—Urine profuse, turbid, with a specific gravity of 1034 to 1014,⁶⁹.—**Diminished micturition*,⁶³.—**Urine scanty*,⁵⁵; (after fifteen hours),⁶⁷.—[660.] Urine scanty, fiery red, and burning (after three hours),³.—Urinary secretion scanty,¹⁶.—Retention of the urine,^{77 80}.—No urine,⁷⁶.—**Urine.** **Urine darker than usual*,⁵⁵.—**Brown-black urine*,⁶⁴.—**Bloody urine, with strangury*,⁷⁰.—Urine at first turbid, then clear and yellow,⁵².—Urine like lime-water; the turbidity caused by urate of ammonia,⁶⁹.—Colchicum has no remarkable action upon the excretion of urine; when a diminution of the constituents of the urine is noticed, it is associated with increased evacuations of the bowels,¹⁰.—[670.] In two provers the solid constituents, and especially the nitrogenous portions of the urine, were diminished; the feces, however, were more copious than natural during both provings, which may account for the diminished constituents of the urine,²².—Uric acid was decidedly increased while using Colchicum,²¹.—Decided increase of uric acid (during four observations),²³.—Decided increase of uric acid, and also of the urea,¹⁴.—The uric acid disappeared entirely during the proving,²².—The urea was in three provings increased, as also the fixed salts, while the whole amount of urine was diminished,²³.—He excreted 1.02 grammes of nitrogen daily less than the normal, corresponding to 2.18 grammes of urea,¹³.—Fixed salts seemed to be increased, earthy phosphates diminished,²².

Sexual Organs.—**Male.** Tearing in the glans penis,⁵².—Very sensitive fine pains in the left testicle, as if crushed, only noticed when stepping on the left foot; apparently caused by the jar, since it was not noticed on pressure,³⁴.—[680.] Tearing in the left spermatic cord,⁵¹.—Excessive and unusual desire for coition (second day),²⁶.—Excessive sexual desire, after eating,²⁷.—**Female.** Menstruation some days too early,⁴¹.—Menstruation seven days earlier than usual,⁶³.—Menstruation that had just appeared, disappeared,⁵¹.

Respiratory Organs.—Larynx, Trachea, and Bronchi.

While swallowing the tincture, the air-passages became irritated by it, causing a slight dry cough,².—Pain in the larynx, with croupous expectoration from it,³⁵.—Pressive pain in the muscles above the larynx, somewhat to the left side, internally and externally,³².—Scraping in the larynx (soon),³³.—[690.] Tickling in the larynx,³³.—Crawling in the trachea and in the chest, with cough,⁵².—**Voice.** Hollow, deep voice,³³.—Slight hoarseness (soon),³³; (second day),³².—Loss of voice, as in cholera,⁷⁶.—**Cough and Expectoration.** (Cough alternating with coryza),²⁶.—Cough and deep respiration (second day),²⁵.—Frequent easy expectoration from the larynx, of mucus in gelatinous or starchlike lumps, without any cough,³⁵.—**Respiration.** Notwithstanding the transpiration from the skin and the evacuation of the bowels were increased in quantity, the carbonic acid expired by the lungs remained about the same, and, on one day, was much above the normal,¹¹.—Irregular respiration (after three days),²⁰.—[700.] Respiration continued intermitting; convulsions became more frequent, involving the neck and face, and the jaws became more firmly clenched, with frothing from the mouth and distortion of the eyes (after six weeks),²⁰.—Desire to take frequent deep inspiration,²⁷.—**Difficult breathing,**^{63 65}.—Difficult breathing, and great anxiety (after eighteen hours),¹⁷.—Dyspnœa,⁶³.—Dyspnœa, and contraction of the chest,⁶⁹.—Extreme dyspnœa,⁷⁵.

Chest.—Feeling of orgasm in the chest, and a peculiar sensation as if something alive were working in it; frequently through the day, but especially in the evening, after eating (second day),⁴⁰.—Transient anxiety in the chest, especially in the left side (fourth day),⁷¹.—Fulness and oppression of the chest (fourth day),⁴⁴.—[710.] Sensation of fulness in the chest, with pulsations in the abdomen,³⁹.—Frequent tense sensation in the chest,⁵².—Constriction of the chest,⁷⁸.—Some constriction of the chest, with necessity for breathing deeply (after nine hours),³⁹.—Frequent constriction of the chest, with sticking and boring pains through the chest, always worse beneath the left nipple,⁷².—Sensation of constriction in the chest,⁶⁵.—Sensation of constriction in the chest, with difficult breathing (after five hours),¹⁷.—Pressive pain in the chest, the whole day,⁵⁴.—Pinching-pressive sensation in the chest,⁵³.—Oppression of the chest,⁶⁴.—[720.] Oppression of the chest, while walking (second day),⁴⁴.—An alternating oppression of the chest (after half an hour),⁶⁴.—Anxious oppression of the chest, lasting the whole day (after three hours),⁵⁴.—**Feeling of oppression of the chest,*⁷⁵.—Stitches in the pectoral muscles, on moving the thorax,³³.—Frequent stitches here and there in the chest, piercing, though without affecting respiration (fifth day),⁴⁰.—Cutting-tearing pains across the chest,³⁹.—**Front.** Drawing-boring pain, extending from the middle of the sternum to the left nipple; the pain was transient, but was felt here and there in the right side of the chest; also, though much worse in the left, it was not only not aggravated by deep inspiration, but was rather relieved; it afterwards extended over the whole chest and caused a sensation of constriction there, as if a heavy weight were lying upon it,⁷².—Feeling as if the sternum and spine were screwed together; the pressure commences on the sternum,⁷¹.—Short stitches beginning in the anterior wall of the chest, and shooting through to the posterior wall (fourth day),⁷¹.—**Sides.** [730.] Twitching in the right pectoral muscles (soon),³³.—Such violent pains around the right side of the thorax on writing, that I was obliged to cease,³¹.—Boring pains in the left side of the chest, which were especially violent at night, about 10

o'clock, and the tightness of the chest became so severe that he could with difficulty get his breath, and immediately became very anxious,⁷².—Sudden violent constriction in the right side of the chest, causing me to start up,³⁴.—Spasmodic compression of the left half of the chest, with difficult respiration (after nine hours),⁷¹.—Intermitting pressure, now in the upper, now in the lower part, in small places, in the right side of the chest,⁵².—Dull sticking pressure in the upper part of the right side of the chest, near the arm,⁵².—Slight oppression in the left side of the chest, starting from the heart, necessitating deep inspiration,²⁷.—Cutting pain in the forepart of the left side of the chest, lower portion, on blowing the nose,³⁴.—Cutting pain in the left side of the chest, not affecting respiration,³⁴.—[740.] Cutting or pinching pains in small spots, sometimes on the right side, in the anterior and lower portion of the chest, sometimes deep in the hepatic region, and then again on the left side in the region of the spleen,³⁴.—Very violent cutting pain, as if with sharp knives, in the right side of the chest, almost taking away the breath and causing her to cry out; these very violent pains lasted about a quarter of an hour, and then diminished to a slight cutting in the chest; it seemed as if the sharp cuttings which were constantly felt did not penetrate deeply nor affect the less sensitive portions (fourth day),³⁶.—Pinching-cutting pains, here and there, in the anterior and lower portions of the left side of the chest,³⁴.—Dull sticking, deep in the left side of the chest, on complete expiration, but not on inspiration; soon afterwards, however, only on inspiration,⁵².—Momentary sticking, rheumatic-like pain in the right wall of the chest,³⁹.—Stitches in the right side of the chest,⁴⁵.—Stitches in the left side of the chest, near the eighth rib,⁷³.—Stitches in the right lower side of the chest, in the lungs,³⁵.—Stitches in the left side of the chest, on inspiration, and also, though less, on coughing,⁵².—Transient stitches beneath the left clavicle (after eleven hours),³⁹.—[750.] Dull stitches in the right side of the chest,⁵².—Violent stitches from within outward, in the right side of the chest,⁵².—Violent stitches in the upper part of the left side of the chest,⁵².—Dull sticking tearing very deep within the right chest, where it is difficult to distinguish whether it is more in the back whence it seems to extend, or more in the chest,⁵².—Several violent stitches in the left side of the chest, in the morning, in bed, also later on some physical exertion,⁵².—Sharp, pointed stitches in the right side of the chest,⁵².—Burning stitch, as if external, on the right side of the chest,⁵².—Sore pain in the region of the left nipple, in a small spot scarcely an inch across, deep in the chest, very sensitive, more painful on inspiration, the deeper the inspiration the more painful the place; relieved after rising from bed,³⁵.—Dull tearing pain in the right side of the chest, near the axilla, afterwards becoming a sore sensation, even on touch and motion,⁵².

Heart and Pulse.—Præcordium. Slight momentary beating, and transient stitches, in the præcordial region,²⁷.—[760.] Fulness and oppression, as from stagnation of blood, in the heart, at night while lying on the left side, so that he was obliged to lie on the right side,³⁸.—Pressure and anxiety in the præcordial region,¹⁶.—Pressure and oppression in the præcordial region, with a feeling as if he would be attacked by apoplexy, relieved by walking around (fourth day),³⁷.—Transient pressure in the præcordial region, in the afternoon (first day),²⁶.—Oppression of the heart,³³; (soon),³².—Oppression in the præcordial region, with slight beating of the heart (second day),²⁵.—Slight oppression in the præcordial re-

gion,²⁷.—Stitches in the heart,⁴⁵.—Transient stitches in the præcordial region (soon),^{33 45}.—Tearing in the præcordial region,⁵².—[770.] Præcordial region sensitive to pressure,⁴⁹.—**Palpitation*,^{51 59}; (soon),³².—Palpitation, in the afternoon,²⁸.—Periodic palpitation, with oppression of the heart (second day),³².—Palpitation, on waking (third day),³³.—*Violent palpitation*,⁵¹.—Violent palpitation of the heart, on going to sleep (from 12th dil.),⁴¹.—Audible palpitation, at night,³²; (second day),³³.—Some dull, irregular, seemingly suppressed beats of the heart, with a peculiar, indescribable sensation in the chest (soon),³⁴.—Beating of the heart scarcely perceptible, with, however, very perceptible pulsation in the abdomen,³⁹.—**Pulse.** [780.] Rapid pulse,⁷⁶.—Pulse rapid,^{3 39}.—Pulse rapid, small, not intermitting,⁶⁵.—Pulse small, rapid,^{18 60}.—*Pulse small, and somewhat accelerated (after twelve hours),¹⁸.—Pulse weak, between 80 and 90,⁶⁰.—Pulse large, full, and hard; from 90 to 100 beats in a minute,⁵¹.—Pulse 170; weak, and thready,⁶⁹.—Pulse 190 (ninth day),²⁰.—Pulse after taking (third dose, third day) 50; after an hour 60; next morning 60; at noon 70,²⁹.—[790.] Pulse slow, 66 (soon),³².—Pulse slow, 61 (soon),³³.—Pulse slow, 45 and very feeble (after four hours),⁸².—Pulse small, slow, weak,⁶⁷.—Pulse weak and slow, as long as the nausea continued,⁹.—Pulse small, slow, and weak,¹³.—Pulse thready, very slow,⁷⁸.—Frequency of pulse diminished ten or twenty beats in a minute (after twelve hours),⁵¹.—Pulse 70 before taking, two hours afterwards 60; twelve hours afterwards, in the evening, 65 (from the 3d dil.),²⁸.—Pulse before taking 70; after two hours 65; very weak; after twelve hours in the evening 57; in an hour afterwards 70,²⁹.—[800.] Pulse weak and slow during the first twenty-four hours, afterwards 100 for twenty-four hours, without any morbid symptoms, except weakness,⁷.—Pulse 108, weak, irritable, irregular, at times rapid, at times slow,⁴⁸.—Pulse 120 to 125, weak, irritable, very irregular.—Pulse intermitting, scarcely perceptible (after fifteen hours),⁶⁷.—Contracted, spasmodic pulse, 80,^{17 68}.—Pulse small,⁷⁷.—Pulse small, contracted,¹⁹.—Pulse small and tense,¹⁶.—Pulse small, scarcely perceptible,⁸⁴.—Pulse smaller and smaller, more contracted,⁷⁵.—[810.] Pulse not perceptible; but after some hours, it became thready and tremulous,²⁰.

Neck and Back.—**Neck.** Visible throbbing in the cervical arteries, especially noticed on sitting still,³⁹.—Paralysis of the muscles of the neck, so that when the child was raised up, the head fell backward, with the mouth wide open (ninth day),²⁰.—Rheumatism in the neck, especially in the right trapezius, which is so painful that when he makes a wrong movement of the neck, he is obliged to cry out, lasting two or three weeks,⁷¹.—Great stiffness and pain in back of neck and occiput, aggravated by moving the head (third day),⁶⁸.—Pains and stiffness in the neck and occiput (third day),¹⁴.—Pains in the nape of the neck,⁸⁴.—Burning on the right side of the nape of the neck, externally,⁵².—Tensive pain in the right cervical muscles, noticed externally and on swallowing (after half an hour),⁵⁴.—Pressive pain in the upper part of the neck, beneath the ear, near the articulation of the jaws; with some soreness to the touch,⁵².—[820.] Some stitches in the cervical muscles,⁵¹.—**Back.** Drawing backache when lying quiet, better when moving (second day),³².—Tearing in the back to the left of the spine,⁵².—**Dorsal.** Pain in the scapulæ, coming from the chest; on sitting a long time (fifth day),⁴⁰.—Very severe rheumatic pains in the scapulæ and nape of the neck, mostly tensive and pressive alternating, preventing free motion of the neck, especially turning it to the left side or stretching it far backward,³⁵.—Rheumatic pain, pressive, periodic; more

in the scapulæ than in the nape of the neck,⁵⁵.—Constant dull stitch on the superior left angle of the right scapula,⁵².—Violent, pressive, dull, constant stitch beneath and between the scapulæ, in the back,⁵².—**Lumbar.** Pains in the lumbar region,⁵⁴.—Dull pressure on both sides of the lumbar vertebræ (after nine hours),⁷¹.—[830.] Constant sticking-tearing pains in the lumbar region,⁵⁴.—**Violent writhing in the region of the loins and urinary passages*, with constant desire to urinate (after two hours),³.—Feeling of heaviness in the small of the back, with sensation as if the rectum were stuffed,⁵⁹.—Pain in the small of the back,⁴⁵.—Drawing in the small of the back, on waking,⁵⁹.—Drawing in the small of the back, aggravated by motion,⁵¹.—Slight drawing pain in the small of the back (third day),³³.—Sticking stitches in the small of the back,⁵¹.—Bruised feeling in the small of the back, in the morning.⁵⁹.—(Bruised pain in the small of the back),^{25 26}. †—[840.] (Bruised pain in the small of the back disappears),²⁵. ‡—Tension in the region of the kidneys,⁷⁰.—**Sacral.** A constant pain in the sacrum woke him frequently at night (first night),³⁷.—Pressure deep in the sacrum, in the afternoon (first day),³⁷.—Sticking pain in the region of the sacrum and coccyx,⁴⁵.—Constant pressive pain at the union of the last vertebræ with the sacrum, increased by standing or walking,³⁷. §—Burning stitches in the sacrum,⁵².—An excessively painful spot as if suppurating, in the middle of the sacrum, of the size of the palm of the hand, which aches intolerably on the slightest touch,⁵¹.—Pain in the back, just above the anus, with a warm itching burning sensation, as from a blister; that portion of the skin seemed sensitive to slight touch, but not to hard pressure; inclination to scratch it, which relieved, and caused some redness,²⁷.

Extremities in General.—Objective. Left elbow and knee-joints swollen, hot, painful, while the right side was partially paralyzed and nearly devoid of sensation,²⁰.—[850.] Toes and fingers painfully flexed at times (after eleven hours),⁸³.—Slight twitchings in the limbs,⁸⁵.—Jerking, as from electric shocks, in all the limbs, especially in the metatarsal joints (after twenty-four hours),⁷¹.—Trembling of the limbs that increased to an attack of violent convulsive movements (after eight hours); three hours later, a similar paroxysm occurred, ending with two attacks of vomiting,²⁰.—Trembling in the extremities; these motions became more violent and convulsive, with flow of much whitish froth from the mouth; the attack was after a quarter of an hour similar to opisthotonos; after a quiet sleep, from 11 to 2 at night, another attack of a similar kind and duration,²⁰.—Weakness of the limbs, so that she was unable to walk,⁷⁹.—Weakness in the limbs, in the morning,²⁸.—Great weakness, faintness, sleepiness and prostration in all the limbs, with disinclination to work,¹¹.—Paralysis of the right foot and left arm,²⁰.—The limbs feel weary in the morning,⁷⁴.—[860.] Feeling of weakness and prostration throughout the limbs,⁷³.—She experienced such great weakness in the muscles of the extremities, that she thought she would fall,⁵¹.—On attempting to walk, the limbs seem to have lost their power,⁶⁷.—Numbness of feet and hands, succeeded by a prickling feeling, as if “they had been asleep” (after eleven hours),⁸³.—Uneasiness in all the limbs, at night (fifth day),³⁶.—Pain in the limbs,⁸⁴.—Pains in all

† This symptom, which frequently recurs during the provings of this individual, is only noticed to reject it, since it was one of the usual symptoms before the proving.—T. F. A.

‡ This is curative, since the prover usually suffered from rheumatic pains in the small of the back.

§ Had formerly been observed (before the proving) as a rheumatic affection.

the limbs,⁷⁷.—All the joints of the fingers and toes, and also the wrists and ankles, were very painful (after eleven hours),⁸¹.—The most remarkable feature of the case was the intense rheumatic kind of pain in the hands and feet, which began first, and continued during the origin and progress of the affection, becoming very severe, so much so that she could not bear to have her finger-joints pressed nor extended from their semiflexed condition,⁸³.—The shoulders and knees are painful during rest, better during motion; uneasiness, obliging him to move the limbs constantly (first day),³³.—[870.] Violent drawing pains in the shoulders, limbs and spine (after six days), (after antidotes). Ultimately, almost all the bones and joints were affected with pain, which was of a gnawing-dragging character,⁸³.—Sometimes sticking, sometimes jerking drawing (especially in the morning), now in the muscles of the shoulder, now in the hip of the right side,⁵¹.

Superior Extremities.—Objective. Right arm and hand paralyzed, with the thumb drawn inward, the rest of the fingers being spasmodically closed over it (after four weeks),²⁰.—**Subjective.** Sensation of weakness in the right arm, at noon,³³.—The left upper and forearm felt lame, weakened,²⁷.—Sensation of paralysis in the whole of the left arm,⁷¹.—Arms feel heavy,⁷³.—*A paralytic pain in the arms, so violent that he cannot hold the lightest thing firmly,⁸¹.—Tearing in the arms, with paralyzed sensation,⁷³.—[880.] Cutting-tearing pains in the left arm,³⁴.—**Shoulder.** Pain in the shoulder-joint (second day),¹⁴.—Pain in shoulder-joints, followed by pains in hips and loins; it increased in intensity, so that she said she thought she should go mad (after eleven hours),⁸³.—Pinching pain on the left shoulder,⁵².—Tearings in the right shoulder (second day),³³.—Dull tearing pressure in the right side beneath the axilla,⁵².—Frequent tearing-pressive pain, now in the right, now in the left axilla,⁵².—Tearing in the right shoulder and right forearm,⁷¹.—Transient stitches in the right shoulder (after five hours),³⁹.—Pain in a small spot beneath and almost in the right axilla, as after a blow,⁵².—[890.] Severe bubbling sensation in the left axilla, even perceptible externally,⁵².—**Arm.** Sensation of pressure in the left upper arm above the elbow, which, during the afternoon, became a violent pain on moving the arm, especially on raising it, so that it was impossible to put on my coat alone; not felt when at rest, nor during the night,⁴².—Burning-pressive pain on the inner side of the left upper arm near the axilla,⁵².—Very sensitive tearings in the left upper arm,³⁵.—**Elbow.** Tearing on the inner side of both elbows, extending from the upper arms,⁵².—Transient stitches in the left elbow, soon,³³.—Long stitches in the left elbow, after which the place was sensitive to touch,³⁴.—**Forearm.** Constant complaints of pain in both forearms (second day),²⁰.—Pains in both forearms, which were very sensitive to the slightest touch (after sixteen hours),²⁰.—Drawings from the left thumb up along the whole radial surface of the forearm,⁷¹.—[900.] Tearing in the forearm near the wrist,⁵².—Tearings in the flexor surface of the whole of the left forearm, extending up to the elbow-joint,⁷¹.—Very sensitive tearing on the extensor surface of the forearm, as if some of the nerves were torn, at intervals,³⁴.—Fine tearings in the extensor surface of the left forearm, extending into some of the fingers,³⁴.—Very sensitive fine tearing in the right forearm, especially on the outer side of the muscles, without being affected by rest or motion,³⁵.—Very fine piercing tearings on the extensor surface of the forearm, extending into the fingers, as from electric shocks,³⁴.—Tearing pain on the outer side of the left forearm, as if in the fascia,³⁴.—Jerklike tearing pains, extending from the elbow into the wrist in the right arm; this was frequently re-

peated, but lasted only a second each time; afterwards a similar pain extended from the wrist to the tips of the fingers.⁷²—Bubbling sensation on the outer side of the left forearm.⁵²—**Wrist.** Pain in the right wrist (soon).²⁰—[910.] Sticking and heat in the left wrist (volar surface), afterwards in the right wrist.³⁵—Slight stitches in both wrists and elbows (first night).³²—Tearing in the right wrist.⁵²—**Hand.** Spasmodic contraction of the hands, so that the fingers were stretched out and the ball of the thumb turned into the palm.⁵⁰—Trembling of the hands.⁴⁸—The right hand is so tremulous that it almost prevents writing.⁵²—The hands feel so powerless that it seems as though she could not avoid letting objects which she held fall to the ground.⁷³—Pains in the left metacarpus, especially between the third and fourth fingers, on motion, especially on flexion of the hand.⁴³—Constant drawing in the hands, extending into the fingers.⁷³—Tearing on the back of the right hand.⁵²—[920.] Tearing in the right hand and beneath the last phalanx of the little finger; at times very violent.⁵²—Sticking tearing, especially in the lower portion of the right hand.⁵²—**Fingers.** Tips of the fingers and nails blue.⁶⁴—Nails blue.⁶⁸—Fingers spasmodically flexed, though in constant motion.⁶⁴—The third and fourth fingers of the right hand are drawn inward.⁵¹—Rheumatic drawing in the metacarpal joints of the right thumb.⁵²—Pressive drawing in the posterior portion and ball of the right thumb.⁵²—Pain in the metacarpal joint of the right thumb, as if a splinter were sticking in it.⁵²—Pain in the tips of the fingers on the volar surface, as from a splinter.³⁴—[930.] Stitches in the left thumb (after one hour and a half).³⁹—Tearing in the joints of the right fingers.⁵²—Tearing beneath the nail of the left index finger.⁵²—Tearing in the metacarpal bones of the right middle and ring fingers.⁵²—Tearing in the left little finger.³⁴—Tearing in the last phalanges of the little and ring fingers of the left hand.⁵²—Sticking tearing in the ligaments of the right little finger.⁵¹

Inferior Extremities.—On attempting to walk, it seems as though he would lose the use of his limbs.¹³—**Hip.** Slight snapping in the left hip.²⁷—Sensation as of something living in the left hip.²⁷—[940.] Pains in the hips and loins (third day).¹⁴—Drawing in the hip-joints (soon).³³—Slight drawing pain in the hip-bone, on moving about at night (second day).³²—Pinching pressure on and above the right hip.⁵²—Transient stitches in the hips, especially in the left.²⁷—Tearing in the region of the hip.⁵²—Slight tearing in the right hip-joint, extending through the thigh to the knee (after seven hours).⁷¹—Drawing tearing deep in the region of the left hip, which seems to have its seat in the ligaments; worse at night.⁵¹—**Thigh.** Thighs abducted.⁶⁰—Stiffness of the left thigh, making walking difficult.⁷¹—[950.] Pinching in the left thigh like a cramp, as if it were asleep.³²—Drawing deep in the muscles of the thigh.⁵¹—Drawing pains in the left femur, at times worse, at times better, as from excessive fatigue, or like growing pains.³⁴—Sudden sticking-drawing pain beneath the left nates, extending into the perineum, lasting half a minute.³⁹—Severe paralytic drawing in the whole of the right thigh, in the evening, in bed.⁵²—Pressure upon the bones of the thighs; the middle portion is especially painful.³⁵—Tearing in the thigh, extending towards the hip.⁵²—Tearing in the upper part of the left thigh.⁵²—Tearing high up on the inner side of the right thigh.⁵²—Tearing deep in the nates towards the anus.⁵²—[960.] Tearing in the middle of the left thigh, in the evening, in bed.⁵²—Jerking-like tearing in the upper portion of the right thigh.⁵²—Transient tearing shooting from the left hip-joint to the leg.⁵²—**Knee.** Slight momentary snap-

ping on the left surface of the right knee,²⁷.—The knee feels broken (weary) on going up steps,²⁷.—The right knee-joint is painful, in the evening, in bed, with sensation as if it were paralyzed (fifth day),⁷¹.—Painful sensation in the bend of the right knee, extending down the calf, where it was tense; during a long walk,⁴³.—Very violent constant pain in the left knee,⁷⁵.—Pressive pain in the inner side of the right knee,⁵².—Transient stitches in the knees and ankles (first day),³².—[970.] Tearings just below the patella,³⁴.—Tearing pain just above the left knee, in the evening, in bed,⁵².—Tearing pains beneath the patella, posteriorly,³⁴.—Stitches in the knee-joint (second day),³³.—**Leg.** Pains in the legs,⁷⁶.—Pains in the calves and feet,¹⁹.—Pain on the forepart of the tibiæ, like a chilliness in the bones, not relieved by warmth,³⁴.—Violent pain in the forepart of the leg, as from chilliness, especially on the tibia, with coldness of the lower legs, even in bed,³⁴.—Very sensitive pain in the forepart of the tibia, a dull pain, feeling as if the bone were chilled, or like growing pains,³⁴.—**Cramps in the legs*,⁶⁹.—[980.] Drawing in both calves and in the right metatarsus (after seven hours),⁷¹.—Tearing in the lower portion of the right calf,⁵².—Tearing in the left side of the left calf,⁵².—Tensive tearing on the left lower portion of the left tibia,⁵².—Pinching-tearing pain at the insertion of the right tendo Achillis,³⁴.—**Ankle.** Tearing in the left tarsal joints,⁵².—Painful pressure in the right external malleolus, as from fatigue, at 8 P.M. (first day),³⁷.—**Foot.** Weakness of the feet (soon),³³.—Sensation of weakness in the feet,³⁰.—Great heaviness of the feet, extending down into the lower legs (second day),⁴⁴.—[990.] Cramp in the feet,⁷¹.—*Very painful cramps in both feet*, especially in the left,⁷⁵.—Tearing in the feet, feeling as if they were paralyzed,⁷³.—Tearings through the whole of the left foot,⁷³.—Tearings on the inner side of the metatarsal joints,³⁴.—Tearing on the back of the left foot,⁵².—Drawing tearing on the right instep,⁵².—Violent painful cramps in both plantar regions (soon),⁷³.—Tearing in the sole of the left foot, not far from the toes,⁵².—Tearing on the inner curvature of the right foot, between the ball of the great toe and the heel,⁵².—[1000.] Tearing in a small spot in the forepart of the right foot, three fingers' breadth from the malleolus, near the sole of the foot,⁵².—Drawing tearing in the sole of the left foot,⁵¹.—Tearing pains in the sole of the left foot, in a small spot in the metatarsus,³⁴.—Tearing in the right heel near the sole,⁵².—**Toes.** Pain in the left great toe, as though the nail would enter the flesh,⁵².—Pressive-drawing pain in the whole of the left great toe, afterwards also in the right, and then in the left middle toes; the pain seems to be more on the lower surface of the toes,⁵².—Sticking-drawing sensation in the right great toe,³⁹.—Very sensitive, sharp, boring stitches across the top of the nail, at the tip of the right great toe,⁵².—Sticking tearing in the ball of the right great toe, near its lower side,⁵².

General Symptoms.—Objective. The solid constituents of defibrinated blood were diminished, as also was the absolute amount of blood-corpuscles and of the plasma,²².—[1010.] The quantity of colored corpuscles in the blood was somewhat diminished,¹¹.—The gait is very unsteady and tottering, partly on account of weakness, and partly on account of sudden sticking-tearing jerks which shoot through the periosteum, always with a sensation of paralysis, and with actual transient paralysis,⁵¹.—Stretching,³⁹.—Convulsions; the right arm could not be extended, the left could not be flexed; both feet were drawn upward; the soles formed a half circle, and the toes were spasmodically drawn inward (after seven weeks),²⁰.—Convulsions of the left side and muscles of the face (tenth day),²⁰.—The patient gradually developed convulsions, in which the extremities

were spasmodically flexed; fingers and toes flexed; the eyes convulsively rotated; the left hand, which constantly kept hold of the penis, trembled; the convulsions became more and more frequent, extending to the muscles of the neck; the lower jaw became firmly pressed against the upper; and the patient frothed at the mouth,²⁰.†—Weakness,³⁹.—Weakness, as after exertion,⁵⁵.—Weakness and weariness the whole day, disappearing in the evening,¹³; (fifth day),¹⁰.—Great weakness in the morning,³⁷.—[1020.] *Great weakness and exhaustion,⁶⁹.—General weakness,³⁹; (soon),³³.—Sudden sinking of the strength, so that after ten hours he was scarcely able to speak or walk across the room,⁵¹.—Painful loss of power in the muscles, especially about the knee-joints, so that the knees frequently give way, particularly on raising the leg to step over a high object, as for example, over a doorstep,⁵¹.—He is quite powerless, and the whole body feels paralyzed, especially the arms,⁵¹.—Exhaustion,⁵⁰.—*Great exhaustion,^{19 60}; (second evening),²¹.—General prostration,¹⁹.—Great prostration and weakness (after twenty-four hours),⁷¹.—Complete paralysis of the right side with only slight sensation; the toes were on the slightest touch drawn towards the sole (ninth day),²⁰.—[1030.] Faintness after a copious stool,⁷.—Restlessness,¹¹.—Extremely restless, constantly turning the head from left to right (second morning),²⁰.—Uneasiness,⁸⁵.—Great uneasiness (after sixteen hours),²⁰.—*Subjective*. *Very sensitive to the slightest touch (second day),²⁰.—Disinclination to work,³⁹.—Weariness in the morning on waking (second day),³².—Great weariness in the morning, on rising,³⁰.—Great weariness, indolence, sleepiness, prostration of the limbs, and disinclination to work after a stool,¹⁰.—[1040.] Very great weariness and prostration,¹⁶.—Sensation of weariness on ascending steps (after ten minutes),²¹.—Sensation of weakness over the whole body; the feet feel weary (after five hours),⁷¹.—Very severe distressing sensation of weakness in the whole body, while sitting quiet, with a kind of nausea in the throat, and confusion of the head; immediately relieved on moving, especially in the open air, but returning at once on sitting down,³⁵.—Great feeling of prostration, accompanied with restlessness (after four hours),⁸².—*Complaints of excessive prostration,⁷⁸.—Such great prostration of mind, such weariness, painfulness, and sensitiveness of the whole body, that he could scarcely refrain from weeping,⁵¹.—All the muscles, especially those of the limbs seem paralyzed,⁵¹.—Inclination to faint.—Great discomfort (fifth day),³⁶.—[1050.] His sufferings seem intolerable,⁵¹.—Attack similar to cholera, with constant rice-water vomiting, and similar evacuation of the bowels, which were forcible and accompanied by tenesmus,⁸⁸.—Rheumatic pain in the whole body, especially in the back, upper arms, and shoulders, in the evening,³⁵.—Asked if she had not got rheumatic fever. Some females in the room were also struck with the similarity of the symptoms,⁸⁹.—(Various most severe muscular pains in the legs and abdomen, less in the chest, arms, and back; they may possibly be ascribed to a five hours' horseback ride; they continued nearly eight days),⁴⁶.—A tremulous sensation in the whole body as from fasting, in the afternoon, especially immediately after dinner,⁵².—Tearing tension in small spots here and there in the body, for example, somewhat below the pit of the stomach, in the ribs of the left side, a little below the axilla, in the right popliteal space,³².—Gripping and crawling in some of the toes, in the ball of the right foot, in the fingers, ears, and

† The remaining symptoms noted during the progress of this case, subsequent to the administration of antidotes, Tartar emetic, Ipecac, etc., have not been taken.

several places of the skin of the face, as after taking cold, or change in the weather, in the evening,⁵⁴.—Slight drawing and jerking, also tearing in the incisors, eyelids, muscles of the face, and other parts of the body here and there,⁵¹.—Sudden tearing jerks all through one-half of the body, like electric shocks,⁵¹.—[1060.] Frequent single tearing jerks, mostly in the left side,⁵⁴.—The pains seem to become intolerable in the evening; he could get into a rage with himself if he had the strength,⁵¹.—Very much affected by any work, especially reading or writing (sixth day),³⁶.—Relieved after a dose of Pulsatilla (fifth day),³⁶.

Skin.—Objective. Paleuess of the skin,⁷⁷.—Skin livid, dry, and hot (second day),²⁰.—The whole body became scarlet-red (after a few hours),²⁰.—**Eruptions.** Pityriasis on the inner surface of the left thigh and corresponding portion of the scrotum (after one month),³⁷.—(During this proving two dry wartlike pimples on the nape of the neck, lasting six weeks, and disappearing with desquamation),³².—A small round ulcer on the vermilion margin of the lip,³⁴.—[1070.] Sticking in the skin, so that it jerks through the whole body,⁵¹.—Violent jerking stitches, as from flea-bites, in various places, obliging me to scratch, and then disappearing,³⁴.—Itching over the whole body,³⁰.—Itching over the whole body, as from burning nettles or from jelly-fish,⁶¹.—Itching of the skin in various parts of the body,⁵¹.—Burning itching in small places here and there; after scratching the skin becomes red, and the itching changes to another place,³⁴.—Sticking itching in various parts of the body (first day),³⁴.—Very burning sticking-itching, here and there, in the skin, obliging scratching, whereby it was driven to another part,³⁴.—Crawling on the inner surface of the great, second, and third toes of the right foot, as if they were asleep,⁵².—Itching and eruption on the face,⁵⁶.—[1080.] Sensitive itching of the skin of both forearms on the ulnar side, where, without scratching, the skin becomes red,⁷¹.—Obstinate itching of the hands,⁵⁶.

Sleep and Dreams.—Yawning,³⁹.—Yawning, with rumbling in the abdomen, after dinner, followed by very copious stool (second day),⁴⁶.—Repeated yawning (soon),³².—Was frequently obliged to yawn,⁵¹.—Sleepiness during the day,⁵¹.—Sleepiness; disinclination to work; with confusion of the head (after half an hour),⁵⁴.—Unusual sleepiness in the afternoon (first day),³³; (second day),³².—Unusual sleepiness in the evening (first day),³².—[1090.] Excessive sleepiness soon after supper (after five hours),²⁷.—Overpowering sleepiness in the afternoon,³⁵.—Very sleepy till midnight, then waking with sensation of heavy oppression in the stomach, after which he was wide awake for two hours,³².—Unusually strong desire to sleep (third night),²⁵.—Irresistible desire to sleep in the evening (first day),²⁵.—At night deep sleep, with vivid dreams and grinding of the teeth,³².—Soporuous condition for two hours and a half,¹².—The child was found in a soporuous condition, lying on its back in bed, with half open eyes and loud respiration,¹⁹.—**Sleeplessness.** Sleeplessness,⁷⁶.—Uneasy sleep,⁵⁵.—[1100.] Uneasy sleep, with anxious dreams (third day),²⁶.—Sleep uneasy, unrefreshing,⁷⁴.—Sleep very uneasy (second day),³⁰.—Afternoon nap on the sofa very uneasy, only slightly refreshing,¹⁰.—The afternoon nap did not refresh him,¹¹.—Sleep restless and exhausting,⁷¹.—Sleep restless, with many dreams,³⁹.—Very restless night, with heavy dreams,²⁸.—Frequent waking from sleep in fright, with the idea that there were mice in the bed; two nights in succession,⁵².—Many dreams at night (first night),²⁷.—[1110.] Lascivious dreams towards morning, with erections,³⁹.

Fever.—Chilliness. Temperature diminished,¹⁶.—Cold temperature

of the skin,¹⁷.—Skin cool,⁶⁵.—Cold skin and tongue,⁶⁹.—Skin, tongue, and breath cold,⁶⁸.—Chilliness (soon),³³; (second day),³².—Chilliness in the room,²⁹.—Chilliness the whole day,¹⁰.—Chilliness of the whole body, even in the room,³⁴.—[1120.] Chilliness the whole day, lasting till 7 p.m.,¹¹.—Chilliness in the afternoon (second day),⁴⁰.—Chilliness in the open air in the afternoon (first day),²³.—Chilliness in the room, soon afterwards vertigo,²⁸.—Chilliness and heat alternating,⁶⁵.—Chilliness and heat alternating,¹⁷.—Chilliness, with heat of the head at night (second day),³².—Constant chilliness (second day),³².—Constant chilliness in the afternoon (second day),³².—Coldness in the afternoon after dinner (third day),¹⁰.—[1130.] *General coldness*,⁷⁷ ⁷⁸.—Progressive coldness,⁷⁵.—Sensation of coldness,⁴⁵.—Sensation of coldness in the evening relieved by warm coverings, but returning on going to bed as a chilliness, with chattering of the teeth, disappearing after a short time while lying still; it threatened to return on motion,³⁵.—General lack of warmth in the body, even in bed,³⁴.—Chilliness in the scalp,⁴⁵.—Chilliness in the knees,³⁴.—Slight chilly sensation in the abdomen, especially in the stomach, with pain and weakness,⁵¹.—Shivering in the back (second day),³³.—Shivering through all the limbs,⁵¹.—[1140.] Frequent shivering down the back (after a quarter of an hour),³.—Nose, cheeks, and soles of the feet cold,²⁰.—Diminished temperature of the extremities,⁸⁰.—Remarkable coldness of the skin of the hands and legs, even in bed,³⁴.—*Cold extremities,¹⁷ ¹⁹; (after four hours),⁸², etc.—Cold feet and hands,⁵²; (second day),³³.—Hands, feet, and forehead cold,⁴⁸.—Fingers cold (second day),²⁵.—The fingers feel cold and fuzzy,⁷¹.—Feet cold,⁶⁷.—[1150.] Cold feet in the afternoon (second day),⁴⁰.—*Heat*. Heat in the body at night,⁵⁵.—Dry heat at night,³².—Dry heat of the skin,⁵¹.—Some dry heat,²⁶.—Skin hot,⁸⁵.—Skin hot,⁷⁶.—Frequently repeated flushes of heat in the afternoon (from three to forty-four days),⁴⁶.—Fever, with gastric disturbances,¹².—Symptom of warmth, like rush of blood, through the skin of the chest and head, in bed (soon),³⁴.—[1160.] Sensation of warmth in the small of the back, extending into the rectum (after eleven hours),³⁹.—Sensation of warmth and throbbing on the side, in the small of the back, while sitting,²⁷.—Heat passing into headache,³⁹.—Heat in the anterior part of the head,²⁹.—Flushes of heat in the head (after a quarter of an hour),³.—Great heat of the face,⁴¹.—Flushes of heat rising up along the spine in a warm room,²⁷.—Sensation of flushes of heat in the hands and feet,⁷³.—Palms of the hands hot (second day),²⁵.—Burning externally on the right side, near the pit of the stomach,⁵².—*Sweat*. [1170.] Increased secretion from the skin,⁶⁹.—Sweat,⁵⁶.—Slight sweat at night (first day),³³.—Slight sweat on waking after midnight (first day),³².—General sweat, smelling slightly sour (first night),²⁵.—Very easy, profuse sweat, in spite of thin clothing,¹¹.—Very profuse sweats, of a very sour odor (after eleven hours),⁸³.—Skin covered with clammy sweat and blue spots, especially along the spine,⁸⁴.—Sour-smelling sweat,¹⁴.—Sweating easily on walking,¹⁰.—[1180.] Slight perspiration the whole night,¹¹; (first night),¹⁰.—Transpiration of the skin was constantly increased by Colchicum; it frequently amounted to profuse sweat,²².—Skin moist, clammy, cold as in cholera,⁸⁰.—Suppressed transpiration,⁵¹.—Skin dry, hot, leaden-colored,²⁰.—Skin dry, body hot,¹⁹.—Forehead covered with clammy sweat,¹⁹.—Face covered with sweat (after six weeks),²⁰.

Conditions.—**Aggravation.**—(*Morning*), Confusion in the head; after rising, especially on shaking head, feeling in head; on waking, pain in right forehead; *tongue coated*; rawness in throat, etc.; on waking, nausea, etc.; pain in stomach; on waking, pressure in upper abdomen; diarrhœa-

like stool; in bed, burning in urethra; in bed, stitches in left chest; on waking, palpitation; on waking, drawing in small of back; bruised feeling in small of back; weakness of limbs; limbs feel weary; drawing in muscles of shoulders, etc.; weakness; on waking, weariness; on rising, weariness.—(*Forenoon*), Eructations.—(*Afternoon*), Frontal headache; towards evening, headache from forehead towards occiput; hunger; thirst; urging to stool; slimy stool; pressure in præcordial region; palpitation; pressure in sacrum, especially immediately after dinner; sensation in whole body; sleepiness; *chilliness*; after dinner, coldness; cold feet; flushes of heat.—(*Evening*), *Headache*; headache in temple; pressure in temple; epistaxis; great appetite; while walking, pain in stomach; stitches in spleen; pain in abdomen; after eating, feeling in chest; in bed, drawing in thigh; in bed, tearing in middle of thigh; in bed, knee-joint painful; in bed, pain above knee; pain in whole body; griping, etc., in toes; pains become intolerable; sensation of coldness.—(*Night*), From beginning of night to break of day, all the varieties of pain; delirium; great flow of thoughts; colic, etc.; about 10 o'clock, pains in left chest; while lying on left side, fulness, etc., in heart; audible palpitation; pain in sacrum; uneasiness in all limbs; on moving about, pain in hip-bone; tearing in region of hip; towards morning, lascivious dreams; chilliness, etc.; heat of body; dry heat; *sweat*.—(*After midnight*), After waking, slight sweat.—(*Open air*), Lachrymation.—(*Bending forward*), Heaviness in occiput.—(*Bending head backward*), Headache in occiput.—(*On blowing nose*), Pain in left chest.—(*Coffee*), Aggravation.—(*During dinner*), Nausea.—(*After dinner*), Nausea; irritation in lower abdomen; pasty stool; yawning, etc.—(*After eating*), Headache above eye; nausea; fulness in abdomen; sexual desire.—(*Erect position*), Nausea; crawling in stomach.—(*Lying quiet*), Backache.—(*Mental exertion*), Symptoms very greatly aggravated.—(*Motion*), Heaviness in occiput; pain over eye; vomiting; drawing in small of back; especially on flexion of hand, pain in metacarpus.—(*Pressure*), Pain in region of spleen; sensation in upper abdomen.—(*Raising eyes*), Headache in occiput.—(*On rising*), Vertigo.—(*Rising up in bed*), The symptoms.—(*On going into room after walking in open air*), Pain in head.—(*While sitting*), Sensation of warmth, etc.—(*Sitting a long time*), Pain in scapula.—(*Sitting still*), Throbbing in cervical arteries.—(*While sitting after walking*), Vertigo.—(*On going to sleep*), Palpitation of heart.—(*Standing*), Nausea, etc.; pain at union of last vertebræ with sacrum.—(*On going up steps*), Knee feels broken.—(*After stool*), Faintness; weariness, etc.—(*Walking*), Fulness, etc., in epigastric region; oppression of chest; pain at union of last vertebræ with sacrum.—(*During long walk*), Sensation in bend of knee.—(*Walking in wind*), Confusion of forehead.—(*Work*), Especially reading or writing, very much affected.

Amelioration.—(*Night*), Sensation in upper arm.—(*Open air*), General relief; headache above eyes.—(*Cold*), Pain in frontal eminence.—(*Eructation*), Sensation in abdomen; colic.—(*Motion*), Backache; especially in open air, sensation in whole body.—(*Pressure*), Pain in frontal eminence.—(*Rest*), Sensation in upper abdomen.—(*Rest in bed*), Pain in forehead; headache in temple; chilliness.—(*In room*), Confusion of forehead.—(*Rubbing with hand*), Sensation in abdomen.—(*Sleep*), Headache.—(*Vomiting*), Nausea.—(*Walking around*), Pressure, etc., in præcordial region.—(*Warmth*), Pain in forehead.

COLOCYNTHINUM.

An active principle (glucoside) of *Citrullus colocynthis*.

Formula, $C_{56}H_{84}O_{28}$.

Preparation, Dilutions in alcohol.

Authorities. 1, Gerstil, provings with 2d to 6th dec. dils., *Æst. Zeit. f. Hom.*, 1; 2, Watzke, provings with the same, *ibid*.

Mind.—Depression, towards evening,².—Great depression, all day,².—Great depression, in the morning,².—Remarkably depressed, in the evening,².—Unusually out of humor,².

Head.—**Confusion and Vertigo**. Slight intimation of confusion of the head,¹.—Slight confusion of the head,².—Slight confusion in the forehead,¹.—Confusion in the left side of the head, especially in the temporal region,¹.—[10.] Transient attack of vertigo,².—**General Head**. Affection of the whole head,¹.—Painfulness of the whole head, especially of the temporal and frontal regions, scalp, and eyeballs, aggravated by moving the eyes, straining the sight, or bending forwards,².—Headache aggravated by riding in the rail-cars, obliging me to move slowly and to tread softly, otherwise the brain seemed to shake about, as if loose, against the skull (in the median vertical region); this was accompanied by very severe sore pain, and as it lasted during a quarter of an hour's walk, it put me in a very bad humor,².—Stitches in the brain,².—**Forehead**. Dull headache in the frontal region,².—**Temples**. Pressure in the temple,¹.—Sensitiveness of the temples and forehead,².—**Vertex**. Occasional pressure on the vertex, in the evening,².—**Sides**. Painfulness of the whole left side of the head,¹.—**Occiput**. [20.] Heaviness and pain in the occiput,².—Sensitiveness of the cerebellum, on turning the head,².—Heavy tread caused stitches to traverse the occiput,².—On coughing, exceedingly painful stitches darting through the cerebellum like lightning,².

Eye.—**Lids**. Feeling of pressure and swelling in the lower eyelids,¹.—Fornication of the eyelids,¹.—**Ball**. Painfulness of the eyeballs,².—Aching in the eyeballs, aggravated by straining the sight, moving the eyes rapidly, and bowing the head, lasting all day,².—**Vision**. It seemed as though vision were sharper than usual, on going out; looking through the ordinary spectacles was rather straining,².

Ear.—Tickling in the left external ear, with burning of the tip,¹.

Face.—[30.] Pressure in the left cheek-bone,¹.

Mouth.—**Teeth**. Pain in a hollow molar, and drawing in the incisors, with sensation of swelling of the left cheek,¹.—Crawling in the lower incisors on the left side,¹.—**Tongue**. Tongue moist, slightly coated,².—**Taste**. Persistent, disgusting, bitter taste in the mouth,¹.—Persistent, earthy, bitter taste upon the tongue,¹.—Prickling and metallic taste on the tip of the tongue,¹.

Throat.—Feeling of roughness in the throat,².—Burning in the posterior wall of the pharynx,¹.

Stomach.—**Appetite**. Appetite began to increase a little,².—[40.] Appetite somewhat diminished,².—**Thirst**. Thirst,².—Much thirst,².—**Heartburn**. Transient heartburn, in the forenoon,¹.—**Stomach**. Continual burning pressure in the stomach, up into the œsophagus, during the following forenoon,¹.—Sticking in the epigastrium,².—Sticking, continuing several minutes, in the epigastrium, which was tense and inflated,².—Fine stitches in the pit of the stomach,².—**Pulsation in the pit of the stomach**, ac-

accompanied by prickling stitches on the back, in the neighborhood of the middle thoracic vertebræ.¹

Abdomen.—Umbilical. Pinching and movements in the umbilical region.².—[50.] Violent pinching in the umbilical region.².—**General Abdomen.** A gentle feeling of warmth in the abdomen, as if from a congestion of the bowels, followed by a copious discharge of flatus, in the afternoon.¹.—Pinching in the bowels.².—Awoke with griping and movements in the abdomen.².—*Intimations of colic, with inflation in the umbilical region, in the morning; slight colic some fingers' breadth below the navel* (after six hours).¹.—Slight intimations of colic, drawing from the hypogastrium to the hepatic region, accompanied by shuddering in the scrotum, with erections, and pain in the buttock.¹.—Colic pains, with inflation of the abdomen.¹.—**Hypogastrium and Iliac Region.** Tension in the right inguinal region, and drawing along the spermatic cord into the right testicle, which was somewhat sensitive towards evening; worse the next morning, and aggravated by walking, bending over, and going upstairs.².—When walking, stitches from the small of the back to the groin, and a hard tread caused pain in the right testicle, so that at last I feared to move about; at the same time the left testicle became sensitive also. The pain was much ameliorated by rest, and especially by bending over.².

Rectum and Anus.—Tickling in the rectum.¹.—Feeling of moisture at the anus.¹.—[60.] Inclination to stool, several times in the afternoon.².—Strong, irresistible inclination to stool; a scanty brownish-red evacuation, with painful tenesmus, lasting some ten minutes.².

Stool.—Some slight, rapid, brown, soft stools, in the afternoon.².—Two soft brown stools every day.².—Four painless, pappy stools during the day.¹.—Two scanty, fluid stools, with no tenesmus, and scarcely perceptible colic, one at midday, and the other in the evening. The next day, two soft, rapidly and easily discharged stools in quick succession.².—Towards 11 P.M., a copious, thin, pappy evacuation, easily and rapidly discharged, without tenesmus.².

Urinary Organs.—Urethra. Sensations of tenesmus in the urethra and rectum, after urinating.¹.—Frequent urging to urinate, in the evening.².—**Micturition.** Frequent urination.¹.—[70.] Urine fiery; becomes cloudy on standing, but deposits no sediment.².

Sexual Organs.—Congestion towards the genital organs, especially the scrotum, with feeling of heat and persistent burning in a small spot upon the same, without erections.¹.—Cramplike pain in the penis, which lasted several minutes, during which it seemed as if it were bent double.².—Crawling in the penis, with sexual desire.¹.—The right testicle, and particularly the epididymis, was considerably swollen and painful to external touch.².—A pollution at night, a very unusual occurrence with him.¹.

Respiratory Organs.—Short hacking cough, excited by a tickling in the throat.¹.—Dry cough, at times.².—Loose cough.².—Cough excited by the roughness in the throat, caused no pain in either the chest or abdomen, and was accompanied by a whitish-yellow mucus, expectorated without difficulty.².—[80.] Frequent cough in the early morning, and easy expectoration of a thick, yellow mucus.².

Chest.—Chest somewhat painful and oppressed.².

Heart and Pulse.—Heart's Action. Palpitation.¹.—**Pulse.** Somewhat accelerated pulse.².—Pulse over 90.².—Pulse 92.².—Pulse 100.².

Neck and Back.—Sharp in-pressing pain in some spots on the nape of the neck, as if from a sprain, aggravated by movement, the spot itself

being sensitive to pressure from without,¹.—Painfulness and feeling of heat along the whole spine,².—Stitches in the region of the lowest dorsal vertebrae,¹.

Extremities in General.—[90.] Slight pains here and there in the left leg and arm,¹.

Superior Extremities.—Tearing in the left shoulder,¹.—Frequently repeated stitches from the left axilla down to the left elbow,².—Paralytic weakness of the right forearm, while writing,¹.—Cramplike pain in the muscles of the left wrist,¹.

Inferior Extremities.—Weakness of the legs, in the forenoon,¹.—Great stiffness and heaviness in the tibiae,².—Prickling in the left calf and sole,¹.—Painfulness of the malleoli,².—Burning sticking and sensation of warmth on the dorsum of the right foot; pressing-digging pain in the external side of second toe of left foot,¹.—*Burning pain in both soles, with feeling as if they were swollen*,¹.—Pain in the right great toe, accompanied by a dull, not easily described feeling, as of heat, on various parts of the right thigh, especially on the posterior side in the course of the sciatic nerve; at the same time, a similar sensation in the external ball of the little toe of the same side; after some hours, pressure in the left great toe,¹.

General Symptoms.—[100.] Great desire to lie down, requiring great exertion to get off the bed,².—Great debility,².—Unusual debility, towards evening,².—All the symptoms were developed when seated, lasted almost two hours, and disappeared entirely on walking,¹.—A cup of black coffee relieved the symptoms, but they did not entirely disappear until I went to bed, which I was glad to do at 7 A.M.,².

Sleep and Dreams.—Restless sleep, with many vivid dreams,².—Very restless sleep, at night,².—Tossing about at night,².—Vivid dreams, at night,¹.—Uninterrupted, confused dreams,².

Fever.—Chilliness. [110.] Disagreeable feeling of chilliness,².—**Heat.** Heat in the whole body,².—Dry heat, at night,².—Hotter than usual all over, in the evening,².—Decided feeling of heat in the stomach, as if from hot water,¹.—**Sweat.** Sweat, in the morning,².—Profuse sweat, towards morning,².

Conditions.—Aggravation.—(*Morning*), Depression; early, cough, —(*Forenoon*), Heartburn; weakness of legs.—(*Afternoon*), All symptoms; towards evening, depression; towards evening, tension in inguinal region; towards evening, debility.—(*Evening*), *All symptoms*; depression; pressure on vertex; urging to urinate; heat.—(*Night*), Dry heat; towards morning, sweat.—(*Ascending stairs*), Tension in inguinal region, etc.—(*Bending forwards*), Painfulness of head; tension in inguinal region, etc.—(*Bowing head*), Aching in eyeballs.—(*On coughing*), Stitches through cerebellum.—(*Movement*), Pain in nape of neck.—(*Moving eyes*), Painfulness of head; aching in eyeballs.—(*Riding in rail-car*), Headache.—(*When seated*), All symptoms developed.—(*Straining the sight*), Painfulness of head; aching in eyeballs.—(*Heavy head*), Stitches through occiput; pain in testicle.—(*Walking*), Tension in inguinal region, etc.; stitches in groin.—(*While writing*), Weakness of forearm.

Amelioration.—(*Bending over*), Pain in testicle.—(*Black coffee*), The symptoms.—(*Rest*), All symptoms; pain in testicle.—(*On walking*), All symptoms disappeared.

COLOCYNTHIS.

Citrullus colocynthis, Schrader (*Cucumis colocynthis*, L.).

Natural order, Cucurbitaceæ. *Common name*, Bitter apple.

Preparation, Tincture of the pulp of the fruit.

Authorities. 1, Hahnemann, Chr. Kr., III; 2, Ægidi, *ibid.*; 3, Fr. H—n, *ibid.*; 4, Hornburg, *ibid.*; 5, Gutmann, *ibid.*; 6, Langhammer, *ibid.*; 7, Stapf, *ibid.*; 8, Ruckert, *ibid.*; 9, Alibert, in *Med. Nat. Zeit.*, 1799 (not obtainable), *ibid.*; 10, Bresl-Samml., 1727, p. 48 (nothing about Col. here), *ibid.*; 11, Hoffmann, *Eph. Nat. Cur.*, X, *o*, 30 (poisoning by a whole apple), *ibid.*; 12, Hoyer, *Misc. Nat. Cur.*, Dec., III, Ann., 7, 8, *o*, 178 (from decoction), *ibid.*; 13, Kölpin, *Hufel. J.*, III, 577 (critical phenomena in a rheumatic paralysis, getting well under Coloc.), *ibid.*; 14, Orfila, *Toxicologie* (from apples taken to cure chronic gonorrhœa), *ibid.*; 15, Plater, *Obs.* III, 858 (poisoning), *ibid.*; 16, Salmuth, *Obs.* III, 2 (poisoning), *ibid.*; 17, Schenk, *Obs. med.*, lib. VII (in a case of apoplexy, where Col. had been injected), *ibid.*; 18, Schneider, *Annal. d. Heilk.*, Apr. 1811 (from Coloc. given in apoplexy), *ibid.*; 19, Stalpaart von der Weil, *Cent. I*, *o*, 41 (poisoning), *ibid.*; 20, Tulpius, *Obs.*, lib. IV, 25 (poisoning), *ibid.*; 21, Valentine, *Eph. Nat. Cur.*, Ann. III, *o*, 78 (not found); 22, Zacutus Lusitanus, in Schenk, VII, 4 (effect of an enema containing Coloc.), *ibid.*; (23 to 44, Austrian provings, *Æst. Zeit. f. Hom. I*); 23, Arneth, repeated doses of tinct., 1 to 80 drops; 24, same, provings with 2d, 3d, and 4th dils.; 25, Böhm, took tinct., repeated doses, 2 to 12 drops; 26, Fleischmann, tinct., 5 to 15 drops; 27, Fröhlich, 5 to 60 drops of tinct.; 28, Amalie Ph., aged 22, took 3d dil.; 29, Caroline Ph., aged 24, proved the same; 30, Gerstel made several provings with single doses of tinct., 15 to 80 drops; 31, Hausmann, 30 to 100 drops of tinct., and once a drachm at a dose; 32, Maschauer, 5 to 30 drops of tinct.; 33, Puffer took 3d dil. daily for six days; 34, Reisinger began with 10 drops of tinct., increased to 25, then decreased to 1st trit.; 35, Röthausl took 3 to 35 drops of tinct.; 36, Wachtel took 1 to 10 drops of tinct.; 37, same, took 10 grains of 1st dec. trit.; 38, Weinke, 12 to 60 drops of tinct.; 39, Wurstl, three provings with tinct., doses, 1 to 10 drops; 40, Wurm, tinct., 1 to 60 drops; 41, same, provings with 1st dec. and cent. trits. and 1st dil.; 42, Watzke, proving with 1 to 95 drops of tinct.; 43, same, 1st dec. trit.; 44, same, with tincture applied externally to abdomen; 45, J. O. Muller took 4th dil., *Z. f. V. Hom.*, *Æzt. Æst. I*, p. 43, 1857; 46, Krumbholz, repeated doses of tinct., Martin's provings, *Hom. V. J. S.*, 10, 77; 47, Martin, 2 to 10 drops of tinct., *ibid.*; 48, Mayer, 1 to 3 drops tinct., *ibid.*; 49, Runge, 2 to 30 drops tinct., *ibid.*; 50, Lembke, repeated doses of tinct., 5 to 10 drops, *N. Z. f. H. Kl.*, 15; 51, Caroline Le Beau, provings with 200th dil., *A. J. H. M. M.*, 1870, and *N. Am. J. of Hom.*, *N. S.*, 1, 61; 52, Hechenberger, "Colocynthology," 1840, provings with 1 to 8 drops of tinct. daily, in the morning, fasting (from original); 53, effects of a teaspoonful of tincture in a pregnant woman, *ibid.*; 54, Caron D'Ancey, effects of 2 glasses of infusion taken for dyspeptic symptoms, Orfila, *Toxicologie*; 55, Goodno, symptoms produced by Col. 200th (F.) on a girl aged nine, *A. J. H. M. M.*, 4, 83.

Mind.—Emotional. After a bottle of Bavarian beer I felt much intoxicated; a most unusual thing.⁴⁹—He could not, without difficulty, get rid of the idea that he was not in his own room, but in another,⁴¹.—**Disinclined to talk* the whole day,⁶.—Despondent, joyless, disinclined to talk,⁵.—

Extreme anxiety,^{10 12}.—Irritable disposition,⁴³.—Excited, irritable state of temper ; taciturnity,⁴².—Extreme fretfulness ; nothing seems right ; he is extremely impatient, and angry at every word that he is obliged to answer, and becomes most painfully confused ; everything annoys him, even the merest trifles,¹.—**Morose mood ; becomes offended at everything ; is not inclined to answer*,⁸.—[10.] Return of the vexatious thoughts which he had forgotten, but which soon yielded to an unusual cheerfulness,³⁰.—**Intellectual**. Dulness in the morning, with late waking and dislike to get up,³⁸.—No inclination to search after and grasp objects of interest,³¹.—He was somewhat confused by the beer drunk in the evening,³⁰.—Difficulty in collecting his thoughts,³¹.—A peculiar state of mind ; I could not pursue any train of thought,⁴⁹.—Absent-mindedness,³⁰.—Unusual weakness of memory,³⁰.

Head.—Confusion and Vertigo. Confusion of the head,^{37 46}.—Confusion of the head, for an hour,³⁶.—[20.] Confusion of the head, especially of the forehead,⁵.—*Confusion of the head, in the frontal region*,³⁰.—Confusion of the head, most perceptible in the right frontal region, continuing the whole day,⁴⁰.—*Confusion of the head, with pressure in the orbits, in the afternoon*,³⁶.—Confusion of the head, most severe after dinner, nearly disappearing towards evening,⁴⁰.—Confusion of the head, with transitory attacks of vertigo ; frequently recurring in the course of the day,³⁹.—Confusion and gloominess of the head,⁹.—Confusion and dulness of the head, as after a debauch,⁴.—Confusion and heaviness of the head, with feeling as if a catarrh were coming on,³⁹.—Confusion in the forehead,³⁰.—[30.] Confusion of the forehead,⁴⁷.—Confusion of the right side of the head, especially in the temple (after half an hour),³⁰.—*Confusion of the left side of the head, with pressing-burning pain in the left orbit, temple, and nose, on the dorsum nasi, and in the upper teeth* ; it seemed as if the eye and nose were swelling (these symptoms were clearly marked and persistent),³⁰.—Head befogged,³¹.—Vertigo on suddenly turning the head, as if arising in the left temple ; it seems as if he would fall ; with tottering of the knees,⁷.—Slight vertigo, in the evening,³⁹.—Sudden, very transient vertigo, with darkness before the eyes, in the evening, on sitting down,³⁵.—Frequent attacks of vertigo,³⁹.—Symptoms of vertigo, soon after breakfast, when walking rapidly,³⁰.—*Intimations of vertigo and nausea*,³⁰.—[40.] Almost giddy for a few minutes, after dinner,⁴⁹.—**General Head.** Head a little affected, soon after the dose,⁴².—Dulness of the head, early in the morning, especially in the frontal region ; returning in the forenoon, when walking,³⁰.—Dulness and vertigo in the head, with commencing colic,³.—Stupefied feeling in the head, after dinner, lasting a few minutes,⁴⁹.—Heaviness of the head,⁴⁷.—*Painfulness of the whole head and eyes, very much aggravated by bending forwards*,⁴².—Painfulness of the whole head, most troublesome in the frontal region, aggravated by stooping or turning the head, with incapacity for mental exertion, continuing a few hours,⁴⁴.—Headache,³⁵.—Slight headache, early, in bed,³⁵.—[50.] Considerable *headache*, in the evening,³⁵.—Violent headache,³⁵.—Violent headache, lasting half an hour (after three-quarters of an hour),⁴⁷.—Headache very violent, as from a draft of air, disappearing on walking in the open air,⁶.—Transient headache,²⁷.—Pressing-pinching pain in the upper part of the brain,⁵.—*Sensitiveness of the head*, during the whole day, as though it were compressed ; especially in the forehead and temples, with painfulness of the eyeballs, aggravated by bending forwards ; better in the open air,⁴².—Boring in different parts of the head, right side (twenty-second to thirty-first day),⁵⁰.—Boring in the bones of the skull, especially

on the right side (fourteenth to fifteenth day),⁵⁰.—*Painful tearing digging through the brain, which became intolerably severe on moving the upper lid (after a few hours),².—[60.] Drawing and boring in the head, when walking (thirteenth to fifteenth day),⁵⁰.—Pressure within the head, paroxysmal, slight, now here, now there,⁸.—Pain in the head, occupying the space of about half a crown, in the region of the linea semicircularis, about its middle; it felt like a kind of pressure,⁴⁸.—Pressing headache,³⁵.—Pressive headache along the sagittal suture, more violent on moving or shaking the head, and on stooping,⁷.—*Tearing headache in the whole brain; in the forehead it becomes a pressure, as if the forehead would press outward; more violent on moving the head,⁵.—The headache and pains in the knees and foot came on daily at about 8 A.M., and continued until afternoon, when a soft stool took place,³⁹.—**Forehead.** Heaviness and stupefaction of the forehead,³⁰.—Heaviness and pressure in the forehead, towards evening (seventeenth day),⁵⁰.—Frequent attacks of painfulness and aching in the forehead and eyeballs,⁴².—[70.] *Severe boring-burning pain on the right side of the forehead (eighteenth day),⁵⁰.—Transitory headache in the left side of the forehead,³¹.—Boring on the left side of the forehead (twenty-second to thirty-first day),⁵⁰.—A great deal of boring in the forehead (fourteenth day),⁵⁰.—*Frequent boring on the right side of the forehead (sixteenth day),⁵⁰.—Boring and tearing pains in the forehead, very frequently during the day, also in the evening (fourteenth to fifteenth day),⁵⁰.—*Severe boring pains on the right side of the forehead (twenty-second to thirty-first day),⁵⁰.—Tearing-boring pains in the forehead during a walk (sixteenth day),⁵⁰.—Drawing in the forehead (twelfth day),⁵⁰.—Pressing-drawing pain in the left side of the forehead,⁵.—[80.] Pressure in the forehead,³⁷.—Waking after midnight, he perceived, as he lay on the right side, pressure and weight in the left side of the forehead,³¹.—Pressing in the forehead and at the root of the nose, as though a violent catarrh were coming on; continuing three hours,³⁵.—Violent pressing over the forehead, from the temples towards the nose, with feeling of dryness in the latter (after half an hour),³⁹.—At 1 P.M., a pressive pain in the left side of the forehead, occasionally slightly vibrating; it was clearly traceable in an arch which defined the lateral and superior boundaries of the left frontal sinus,³¹.—Pressive headache in the frontal region (after half an hour),³⁹.—Pressive headache in the forehead, most severe when stooping, and lying on the back; lasting six hours,⁵.—Drawing-pressing pains in the forehead (twenty-first day),⁵⁰.—*Sudden, sticking pain in the forehead, towards the nose,³⁹.—Dull sticking pain internally in the forehead, in the morning, after rising (after a quarter of an hour),⁶.—[90.] Tearing in the forehead, during the evening,⁵⁰.—*Tearing in the forehead (tenth day), in the left side (eleventh to thirteenth day); in different parts of the forehead, in the morning (twelfth day),⁵⁰.—Tearing in forehead, right side (seventeenth day),⁵⁰.—Severe and frequent tearing on the right side of the forehead (seventeenth day),⁵⁰.—Violent pressing-throbbing headache in the forehead. Although the pain went off on sitting up and moving his head, still his head was very much confused all the forenoon,⁴¹.—**Temples.** Aching in both temples, aggravated at first in the open air, then entirely disappearing,³⁵.—Tensive headache in the right temple,³⁵.—Boring in the right temple; severe boring in the left temple, continuous and frequently repeated, at 2 P.M. (fifth day); severe boring, as if from a plug, in the left temple, in the evening (eleventh day); boring in the temples (twelfth day),⁵⁰.—Pressive painful digging in the temple,⁵.—Dull pain in the right temple, aggravated by stepping; with a gloomy mood,³⁰.

—[100.] *Pressure in both temples*,^{37 42}.—*Sensation of violent pressure in the left temple, continuing the whole afternoon* (migraine?), better while seated, worse when standing and walking, but especially when urinating,⁴⁰.—**Pressing and drawing pain in the right temple* (after three hours),⁵⁰.—*Pressive headache, early, in the temples*,³.—Feeling as if the temples were screwed into,²⁷.—**Boring stitches in the right temple, disappearing on touch*,⁶.—Tearing in both temples several times repeated (fifth day); tearing in the right (seventh day); frequent tearing in both (eighth day); severe and frequent tearing in the right and above it (seventeenth day),⁵⁰.—Tearing and pressing in the right temple (second day),⁵⁰.—**Pressing and dull throbbing in the left temple, growing gradually acute and cutting*; with a similar sensation about the left shoulder-joint,³⁰.—**Vertex**. Pain in the vertex and left eye, as if a nervous pressure (immediately),³⁰.—[110.] Tearing on the right side of the vertex (twelfth day),⁵⁰.—**Parietals**. **Boring and drawing in the right side of the head, in the forehead* (twentieth day),⁵⁰.—Drawing, one-sided headache (after one hour and a half),⁴.—Tearing in the head, left side (tenth day),³⁰.—Tearing in the left side of the head, towards the forehead (twelfth to fifteenth day),⁵⁰.—**Occiput**. Boring on the right side of the occiput (tenth day),⁵⁰.—Violent, long-continued pressure in the lateral occipital protuberances,³¹.—Pressing and tension in the occiput, most sensibly felt at the inferior lateral protuberances,³¹.—**External Head**. Roots of the hairs are painful,¹.—Burning pain in the skin of the forehead, above the eyebrows,⁵.—[120.] Biting burning on the left side of the scalp,⁵.—Drawing in the scalp,⁴².—Soreness of the skin on the vertex, as though the hair on this part were constantly pulled upward, accompanied on the second day by a drawing-pressing pain in the occiput; both symptoms disappear towards evening,³⁷.—Crawling and itching on the whole left side of the head, compelling him to scratch,³⁰.—Itching of the scalp,³⁰.

Eye.—Eyes dull and watery,⁵⁵.—Feeling of dryness in the eyes, in the evening,³⁶.—*Smarting in the eyes; painfulness of the eyeballs*,⁴².—Severe itching in the right eye, obliging him to rub it,⁵.—**Brow and Orbit**. Pressing feeling in the orbits, towards the root of the nose,³⁶.—[130.] Fine sticking and drawing, varying in intensity, with aching, in the left orbit, and burning as if from pepper in the mouth, especially on the hard palate,³⁰.—Stitches above the right eye, accompanied by itching of the scalp,³⁰.—**Lids**. *Annoying twitching of the right upper eyelid*, continuing four days,³⁵.—Heaviness of the eyelids, without sleepiness,²⁷.—Burning sensation in the right upper lid (after thirty-four hours),⁵.—Biting burning beneath the upper eyelids,⁵.—Exceedingly painful sticking burning on the edge of the left upper eyelid,³⁰.—A prickling burning pain in the right inner canthus,⁵.—Transitory pressing in the right eyelid,³⁰.—Burning cutting in the right lower lid during rest,⁵.—[140.] Smarting pain in the eyelids,¹.—**Conjunctiva**. Slight sticking in the conjunctiva palpebrarum of the left eye. Next morning it was perceptibly inflamed; here and there were indications of commencing ulceration, which continued to increase till 4 in the afternoon, when it was complete; next morning cicatrization had taken place,²⁴.—**Ball**.—Burning pain in the whole right eyeball,⁵.—Aching in the upper and outer portions of the right eyeball in the evening, aggravated by rubbing it with the finger; it feels harder than usual there. This aching lasted some days,³¹.—**Painful pressure in the eyeballs, especially on stooping*,⁴².—Pain as from pressure upon both eyeballs from above downward,³⁰.—The left eyelid lay thick and heavy upon the ball, which felt as though squeezed ante-

riorly and superiorly,³¹.—**Pain in the eyes; a sharp cutting in the right eyeball*,⁵.—Stitches as with knives in the right eyeball, extending to the root of the nose,⁵.—**Vision.** Obscuration of vision,¹⁴.—[150.] Mist before the right eye, early in the morning, lasting several hours; not removed by rubbing it,³¹.—A great, white, very bright light was seen at the side of and below the right eye; but as he turned his eyes rapidly sideways, in order to examine it, it vanished,³¹.—At 10 A.M. shimmering before the right eye, in the shape of a circle with rays, coming on a short time before getting up from writing,³¹.—[Sparks before the eyes],¹⁸.

Ear.—External. Drawing above the right ear (eleventh day); behind the left ear (twenty-second day),⁵⁰.—Pressure behind the left ear, continuing a long time,⁴.—Cutting-sticking pain in the lower fossa of the right external ear, relieved by boring in with finger,⁵.—**Internal.** Feeling of warmth in the right ear,³⁰.—Sensation of obstruction before the left ear,³⁰.—Itching sticking deep in the ear, extending from the Eustachian tube to the tympanum; relieved by boring in with the fingers (after one hour and a half),⁷.—[160.] Twinges in the right ear, not relieved by boring in with the finger,⁵.—Crawling within the ear, relieved by boring in with the finger,⁵.—**Hearing.** Difficult hearing,¹⁴.—Transient deafness, at least everything heard was accompanied by a roaring noise; nothing seemed to have its proper sound; lasting a few minutes,⁴⁹.—Frequent, long-continued, and violent ringing in the ears,³¹.—Constant ringing in the right ear,³⁰.—Roaring and feeling of obstruction in the left ear, going and returning rhythmically; the roaring soon changed to singing,³⁰.—*Constant roaring and throbbing in both ears, especially in the left*,³⁰.

Nose.—Objective. Sneezing,³⁰.—Frequent sneezing, with dryness in the nose,³⁹.—[170.] *Fluent coryza,⁴⁰.—Fluent coryza, in the morning, without sneezing,⁶.—(Fluent coryza, constant and uncommonly violent, with constant dropping from the nose, worse in the open air than in the room, for two days),³⁰.—Fluent catarrh, and frequent sneezing,⁵⁵.—**Subjective.** Feeling as if from an incipient catarrh,³⁰.—Severe boring above the nose (seventeenth day),⁵⁰.—*Throbbing-burrowing pain in the nose*, extending from the left side to the root of the nose,⁵.—Violent itching in the left nostril, which provokes scratching, in the evening; with irritation as in coryza (after fifteen hours),⁵.

Face.—Objective. *Redness of the face,⁵⁵.—The muscles of the face are relaxed and pale, the eyes seem sunken,⁵.—**Subjective.** [180.] Tension in the left side of the face, extending to the ear, and into the head,¹.—Painful drawing in the face,⁴⁷.—**Cheeks.** Aching pain in the left cheek,⁴⁷.—Burring burning pain in the cheeks, more during rest than motion,⁵.—**Constriction and pressing in the left malar bone, extending into the left eye*,³⁰.—Persistent pressing in the right malar bone and eye,³⁰.—*Transient stitches in the upper jaw, frequently recurring,²⁷.—**Tearing in the cheeks* (eleventh and twelfth days),⁵⁰.—Prickling in the region of the right cheek-bone as though an eruption would appear,³⁰.—**Lips.** Burning of the under lip,³⁰.—[190.] Burning and feeling of swelling of the under lip,³⁰.—**Chin.** Twitching in the muscles of the chin during rest of the parts,⁵.—Boring in maxilla, right side, in the evening (twenty-second to thirty-first day),⁵⁰.—Severe boring in the inferior maxilla, 10 A.M. (third day),⁵⁰.—Boring pain in the right lower jaw (eleventh day),⁵⁰.

Mouth.—Teeth. Painful looseness of one of the lower incisors,¹.—Feeling of the teeth being on edge, which appeared in the evening, and was very annoying the next day,⁴⁸.—Heat and swollen feeling in the roots.

of the right lower teeth,³⁰.—Pain in all the upper teeth,³⁰.—Violent pain in a hollow tooth,³⁰.—[200.] Frequently repeated aching in an upper hollow tooth,⁴⁰.—Toothache on the left side,³⁰.—Toothache on the right side,³⁰.—Drawing in the upper teeth of the right side, with feeling as if the upper lip was swollen,³⁰.—Drawing in the lower incisors; twitching pain from the left lower molars into the left arm, as far as the elbow,³⁰.—Violent drawing pain in all the teeth of both jaws, in the afternoon,²⁴.—The teeth of the lower jaw are painful, as if the nerves were torn and stretched,⁴.—Sensitiveness of the incisor teeth,³⁰.—Sticking-throbbing pains in the right lower back teeth, as from a beating with a wire,⁷.—**Tongue.** Tongue red,⁵⁴.—[210.] Tongue coated white, with a sensation of rawness on it, as from too much smoking,⁶.—Rough tongue, as if sand were scattered upon it (after thirty-six hours),³.—*Burning on the anterior surface of the tongue*,³⁰.—*Burning upon the tip of the tongue, continuing several hours*,³⁰.—Every exacerbation of the symptoms, without exception, began with burning at the apex of the tongue,³⁰.—*Sensation on the tongue as if it had been scalded with a hot fluid*, during the whole day,³⁷.—Sensitiveness of the borders of the tongue while eating,³⁰.—Persistent, severe biting in the middle of the tip of the tongue, as if it were sore,⁴³.—**General Mouth.** Burning pain in the right corner of the mouth,⁵.—Scraping sensation in the palate, even when not coughing,⁷.—[220.] Beating pain in the mouth, in the right cheek, and on the side of the tongue,⁵.—**Saliva.** Collection of saliva in the mouth,^{47 49}.—Tasteless saliva, like water, in the mouth,¹.—**Taste.** Insipid taste in the mouth, after dinner, for an hour and a half,⁴⁰.—Nauseous, bad taste, more in the throat than in the mouth,⁵.—Metallic astringent taste on the upper part of the tip of the tongue,⁷.—Bitterness in the mouth, for four hours,³.—Bitter taste in the mouth, immediately,³³; (soon),⁵¹.—Bitter taste in the mouth, after drinking beer,¹.—Intensely bitter taste in the mouth, for some minutes,⁴³.—[230.] The disagreeable bitter taste of the drug remained for several minutes in the mouth,⁴².—Nauseous bitter taste,³⁰.—**Persistent bitter*, disgusting taste,⁴⁷.—Salt taste of the mucus hawked up,³⁰.—The mucus raised had the bitter taste of the drug,³⁰.—Beer tastes remarkably bitter, at noon,³⁷.—The taste of Colocynth. seemed very disgustingly bitter; it continued the whole day,³⁷.

Throat.—Objective. Constant hawking,³⁰.—Sensation as of a foreign body in the throat, as though he had to swallow over a lump,³⁰.—Dryness of the throat and hard palate, as though the parts stuck together,³⁰.—[240.] Feeling of dryness in the throat,⁵⁴.—Fine sticking in the throat, as from grains of corn, on the upper part of the arch of the palate,⁷.—Feeling of rawness in the throat,⁴⁰.—Feeling of roughness in the throat,⁴².—Scraping in the throat,³⁶.—Scraping in the throat, which is red in the region of the uvula; swallowing is difficult,³⁷.—Scraping and burning in the throat, and on the hard palate (as from pepper),³⁰.—A true angina set in, for which the prover took Belladonna, and subsequently Lachesis,³⁷.—**Fauces and Pharynx.** Sensation as of a ball as large as the fist rising up in the pharynx, with oppressed respiration,³⁰.—Fine biting stitches in the fauces; not noticed when swallowing,⁵.—[250.] Sensation in the pharynx and soft palate, consisting of roughness and burning, continuing until afternoon,³⁰.

Stomach.—Appetite. An enormous appetite, at noon,³⁸.—*Canine hunger*,³⁷.—*Canine hunger*, with particular longing for bread and beer,³⁶.—Diminished appetite, though food has a natural taste,³.—Little appetite at noon,²⁵.—Little appetite at noon, none in the evening,³⁰.—Little appetite at

dinner, although the food tasted well,⁴⁰.—No appetite for dinner,⁵¹.—Loss of appetite,⁹.—[260.] Loss of appetite, in the evening,³⁵.—Appetite all gone,⁵¹.—Aversion to food before eating, and inclination to vomit, towards evening,⁴².—*Aversion to food, accompanied by scraping in the throat*; it disappeared after drinking a glass of water; but the scraping continued,³⁰.—Strongly marked aversion to the drug,⁴³.—**Thirst**. Unusual thirst,³⁰.—* *Violent thirst*,^{10 11}.—Unquenchable thirst,⁵⁴.—Feeling of thirst in the throat,⁸.—Great desire to drink, without thirst; the mouth is constantly watery; drink is relished, but immediately after every drink there is a flat taste in the mouth,¹.—**Eructation and Hiccough**. [270.] Eructation, immediately,³⁵.—Eructations of bilious substances,¹.—Violent eructation, immediately,³².—*Violent eructations*, lasting about half an hour (soon),²⁴.—Violent eructation, after eating,²⁵.—Frequent eructations,^{31 39}.—Frequent, for the most part empty eructations, on rising from stool,³⁷.—Frequent eructations of breakfast,⁴².—Sobbing eructations,³⁰.—* *Empty eructations*,^{4 30 34}, etc.—[280.] Empty eructations, which lasted almost the whole day,³².—Empty eructations, frequently returning,³⁰.—* *Empty eructations*, frequently repeated, and sometimes amounting almost to sobbing,³⁰.—Empty eructations, in the morning,³⁰.—Empty eructations, on rising up,³⁰.—Empty eructations, with burning in the pharynx,³⁰.—Empty eructations that cause palpitation and spasms in the throat, with desire to retch and vomit,².—*Inodorous eructations* (soon),^{28 29}.—Sour eructations (after a few minutes),⁴⁹.—Bitter eructations (immediately),³³; (soon),⁵¹.—[290.] Bitterish eructations from the stomach,³¹.—Rising of a bitter, white, frothy liquid, immediately after breakfast,⁴².—Hiccough (third day),⁵⁴.—Frequent hiccough (after one hour and a quarter),⁶.—Heartburn, after voracious hunger (after one hour),⁴⁷.—**Nausea and Vomiting**. [Nausea],¹⁸.—*Nausea*,³⁴; (soon),⁵¹.—Nausea, for two hours (immediately),³.—Nausea for eight hours (after five minutes),³.—* *Nausea rising from the stomach, for several days*,⁴³.—[300.] Nausea for six hours, lasting until going to sleep at night, recurring in the morning, after waking,³.—Nausea and malaise after eating, as from indigestion,³⁰.—Slight sensation of nausea, towards noon,⁴².—Sudden and severe feeling of nausea, lasting about five minutes, and going off as suddenly as it came (after three hours),⁵¹.—*Intimations of nausea*,⁴².—Inclination to vomit,³⁹.—Vomiting, very profuse,¹¹.—Vomiting of all nourishment,⁵⁵.—Vomiting twice, of only food, without offensive taste or nausea (after ten minutes),³.—* *Vomiting of a bitter-tasting, yellow, serous fluid*,³⁵.—**Stomach**. [310.] Rumbling in the stomach, after each dose,⁴⁹.—*Feeling of emptiness in the stomach*,³⁷.—Feeling of coldness in the stomach,³⁹.—Sensation as of a hank in the stomach and pharynx,³⁰.—A slight pain in the stomach, combined with headache, and also slight diarrhoea,⁴⁸.—Transient pains in the left side of the epigastrium,³⁰.—*Burning pain in the stomach*, even when eating,³⁰.—Enormous heat of the stomach,⁴⁶.—*Feeling of fulness in the epigastric region*, in the forenoon,³⁷.—Transient aching contractive pain in the pit of the stomach, at 10 p.m., during a walk after supper,⁴⁷.—[320.] *Compressive sensation in the epigastrium, returning at short intervals, and changing into a sharp pinching, with slight confusion of the forehead*,³⁰.—Moderate pinching in the epigastric region,³⁰.—* *Gripping in the epigastric region, after each meal, worse towards evening, lasting fifteen minutes*,²³.—Beer (after 11 a.m.) caused violent gripping in the stomach, coming on in paroxysms, and only disappearing after dinner,²⁷.—* *Painful gripping and movements in the epigastric region* (continuing a long time), followed by a soft, almost diarrhoeic stool (after four hours),⁴³.—Slight cramp in the stomach,

at night, rising along the œsophagus into the throat,³⁵.—**Painful cramp in the stomach, at night, relieved by eructations of wind,*³⁵.—Pressing, spasmodic pain in the stomach, rising up into the throat, in the morning,³⁰.—Stomach-ache, for a few minutes, after dinner,⁴⁹.—Some stomachache, combined with flatulence and headache,⁴⁸.—[330.] Transient aching in the pit of the stomach and bowels,⁴⁹.—Pressing in the pit of the stomach, and constriction of the larynx, obliging him to swallow frequently,³⁵.—Pressure in the stomach, as from a stone,⁴.—Pressure in the pit of the stomach (immediately),⁴⁹.—Violent pressure in the stomach (immediately),¹¹.—Frequent pressure in the stomach and around the umbilicus (nineteenth day),⁵⁰.—*Sleepless from cramplike pressure in the pit of the stomach, and constriction of the stomach; this latter was so sensitive that he could not endure the lightest covering,*³⁵.—Pressive sensation in the epigastric region, especially after eating, with a sensation as of hunger, which was not relieved by repeated eating; daily,⁸.—Pressive pain in the stomach,¹.—Pressive pain, with dull stitches in the pit of the stomach, which necessitate rapid breathing; it seems as though the lungs could not be sufficiently inflated,⁸.—[340.] Sore feeling in the pit of the stomach,⁴⁷.—The gastric pains were always accompanied by pains in the face and teeth,³⁰.

Abdomen.—*Hypochondria.* Violent rumbling, with very severe cutting in the left hypochondriac and umbilical regions, continuing all day (after five hours),³⁴.—Drawing in the left hypochondrium,^{28 29}.—Pressing pain in the right hypochondrium, at the arch of the diaphragm, oppressing the respiration,³¹.—A slight throbbing, like a pulse, in the left hypochondrium, as high as the arch of the diaphragm,³¹.—Transient stitches in the hepatic region,³⁰.—Night restless from *transient stitches in the hepatic region,*³⁷.—Transient stitches in the hepatic region and sacrum, after dinner,³⁶.—A sudden thrust from behind forwards passed rapidly through the hepatic region, and then in the same direction through the head,³¹.—[350.] Stitches beneath the last ribs,⁸.—**Umbilical and Flanks.** Some swelling of the abdomen about the navel, accompanied by some confusion of the head in the forehead and temples,³⁰.—While walking, an unpleasant sensation about the navel, as after taking cold, with urging to stool, which he was obliged to attend to immediately, as the sphincter seemed to have no resisting power. The discharge was thin, orange-colored, and pappy (after five hours). After walking for half an hour a renewed and increased sensation about the navel, as though he had been chilled; more violent tenesmus, to which he was obliged to give way, with a result similar to the former; after a quarter of an hour, during which he was incessantly walking, the same unpleasant sensation returned below the navel, with still greater violence; it increased to a drawing cutting, which darted repeatedly from behind forwards and upwards in a curve to the navel; this ceased on the occurrence of urging to stool, which became exceedingly pressing, and the evacuation ran in a watery stream out of the sphincter, which seemed paralyzed; it contained part of the contents of the soup eaten at the noon meal, still undigested. This was followed by ineffectual urging, which, when repressed by an effort of the voluntary muscles, gave rise to a pressing tension in the lowest part of the abdominal parietes, and an acute pressure at the inferior angle of the right scapula, with tensive pain extending thence downward; on the cessation of the long-continued tenesmus a free, protracted discharge took place, the sphincter standing wide open, as if paralyzed,³¹.—Painfulness of the umbilical region in the evening,⁴².—Pain in the umbilical region several times (seventh and twelfth days),⁵⁰.—*Umbilical region unceasingly*

painful, at night,⁴².—*Acute pain in the umbilical region, increased by walking,⁴².—Sensation of inflation in the umbilical region, with compression in the throat and nausea; these symptoms lasted the whole day, and became worse some hours after dinner,⁴².—Constriction in the umbilical region,³⁶.—Constrictive pains about the navel in the evening,³⁵.—[360.] *Constrictive pain in the umbilicus, immediately after dinner,³⁵.—Violent constrictive pain in the umbilical region, lasting a quarter of an hour, and which waked him from sleep the following morning at 3 A.M.,²⁷.—*Seized with terrible, contractive, twisting pains in bowels, immediately about umbilicus, spreading afterwards over the whole upper part of the abdomen, leaving the lower portion perfectly free from pain; this lasted about an hour, when there was a copious evacuation of the bowels, and an immediate relief from pain, which was, however, only temporary, as the pains soon came back again, followed by a copious discharge with temporary relief, succeeded for a third time by a paroxysm of pain, followed by a discharge and partial relief, for the pain kept on, more or less, during the whole night (after four hours). Abdominal pains came on again at 4 P.M., with the same results, keeping up all the evening, chasing her out of bed twice during the night, and early the next morning (second day). Same abdominal symptoms came on again, but in a far slighter degree, although lasting the whole evening (third day). This state of things kept up for six days, wearing off only gradually,³¹.—Constant pinching in the abdomen around the navel,³⁹.—*Gripping about the umbilicus (after seven hours),²⁷.—Gripping around the navel for some minutes,³⁶.—Gripping four fingers' breadth below the navel,⁴⁰.—*Gripping around the navel, increased by eating fruit,²⁷.—Gripping about the umbilicus, and sensitiveness of the abdominal integuments, aggravated by external pressure,⁴³.—*Gripping and cutting in the umbilical region (after five hours), aggravated after a stool, and accompanied by a chilly feeling over the whole body,³⁴.—[370.] Gripping about the navel, with discharge of much flatulence (after five hours),³².—*First gripping (drawing hither and thither) in the umbilical region, gradually subsiding, then returning, and rapidly changing into cutting, as if by a large chisel thrust deep into the upper abdomen, thence passing in a curve backwards and downwards into the pelvis, and then cutting its way upward again, at 4 P.M.; at 4.30 P.M., the cutting in the hypogastrium several times took the direction from behind forwards and upwards, and was always relieved by a forcible discharge of flatus. It was also relieved by straining and the consequent expulsion of a long train of slippery bubbles of wind, with a small quantity of bland mucus; it returned in the same fashion at intervals of from five to fifteen minutes. Finally, towards 5 P.M., a very painful expulsive pressure ensued, and in a short time a quantity of thin feces passed involuntarily through the sphincter at a single impulse; it was perfectly bland, causing not the slightest burning or smarting at the anus, which was rather protected all about by the slippery mucus, of which a great portion of the passage consisted; the pains in the abdomen all disappeared with this passage,³¹.—Slight gripping in the umbilical region (soon),²⁵.—*Violent gripping in the umbilical region,³⁹.—Violent gripping in the umbilical region, lasting all day,²⁶.—Feeling of a gripping, of a compression, or of a spindle ("Knäuel"), in the umbilical region, sometimes more, sometimes less; at times, especially towards morning, it increases to a twisting or cutting pain,⁴².—*Cutting in the umbilical region and tenesmus; came on after eating,²⁵.—*Sticking in a small spot in the umbilical region, that obliges him to bend up, chiefly aggravated by lifting (after three-quarters of an hour),³.—Single, very transient stitches in the right flank,³⁵.—Dull stitches in the flank, interrupting respiration,⁴².—[380.]

A slow stitch on the right side beneath the navel, soon afterwards on the left side of the navel; colic, only perceptible when walking, disappearing when standing still, and even on violent agitation (as in going downstairs), but immediately becoming very perceptible again when walking on a level,³⁰.—A prickling stitch darts, like an electric spark, from the tip of the glans through the abdomen towards the left flank, where it was felt, and vanished in the same moment,³⁰.—*At times twitching stitches from the umbilical region towards the loins and spine*,⁴².—Burrowing-tearing pain in the umbilical region, aggravated by inspiration or loud laughing,⁵.—Colic and griping about the navel, somewhat increased after dinner, and ceasing an hour afterwards,²⁷.—***Violent colic-like pains, emanating from the umbilicus, with frequent discharge of flatulence, which afforded relief; the pains continued all night, and deprived him entirely of sleep**,³⁵.—Excessive colic in a small spot beneath the navel, which, after the night-sweat, extended through the whole abdomen,³.—Umbilical colic and frequent eructations, soon after rising,²⁵.—*Constant sensitiveness of the abdomen in the umbilical region*,⁴².—Sensitiveness of all that portion of the abdomen above the umbilicus to touch and pressure,⁵⁵.—[390.] **Violent pain in the umbilical region the whole forenoon, without intermission; it was situated in a spot about the size of the hand, and was a bruised pain; aggravated by walking, but not by pressure, and becoming more tolerable after eructations of gas*,⁴².—A bubbling sensation in a spot below the navel,⁴⁴.—The umbilical pains were much alleviated and the head difficulties entirely disappeared, on the appearance of the night-sweats and the flesh-colored urine,⁴².—Insignificant griping in the left flank,²⁷.—A stitch, occasionally deep, in the left flank,²⁷.—Transient stitches in the left flank,²⁷.—***Isolated deep stitches, as if from a needle, sometimes in the left, sometimes in the right flank, apparently connected with the ovaries**,²⁹.—**General Abdomen.** **Great distension in the abdomen from time to time*,¹.—***Abdomen greatly distended and painful**,⁵⁴.—**Inflated abdomen*,³⁶.—[400.] *Abdomen inflated and tense*,³¹.—Slight flatulent inflation of the upper abdomen, with pulsation in the small of the back, ameliorated by the emission of flatulence.³⁰—Abdomen tense; painful to touch,⁵⁴.—Abdomen tense, inflated painfully, sensitive to the touch; some diminution of the pains after two watery stools; during the night great sensitiveness of the abdomen, so that he could scarcely bear the lightest pressure upon it; this sensitiveness continued until the following day,³².—*Movements in the abdomen*,³⁵ ⁴¹.—Movings about in the abdomen, frequently returning through the day,⁴³.—Movements, as if from the breaking of large bubbles, in various parts of the abdomen,³¹.—Movements in the abdomen, as if he had been fasting, in the afternoon (after eight hours),⁶.—Movements in the abdomen, soon followed by a pappy stool, in the evening,³⁵.—*Movements in the abdomen, and two brown, thin, almost watery, painless stools, in rapid succession towards noon*,⁴².—[410.] *Movements in the bowels (after two hours)*,³².—Movements in the bowels; sensitiveness of the abdominal integuments,⁴⁴.—**Movements in the bowels soon after dinner, followed by a copious soft stool, succeeded by griping in the abdomen, particularly in the vesical region; a thin diarrhæic stool, at 4 P.M., whereupon the colic remitted*,⁴⁰.—*Rumbling in the abdomen*,³⁰ ³⁶.—Rumbling in the abdomen, early in bed,³⁵.—Rumbling in the abdomen immediately after dinner,³⁵.—*Rumbling in the abdomen with great inflation*,³⁷.—Rumbling in the abdomen and excitement, as if diarrhœa were about to come on, with discharge, however, of only some fetid flatulence,³³.—Rumbling in the abdomen, and *deepseated pulsation in it* when lying down, not perceptible to the hand laid upon it (soon),³⁰.—Much rumbling in the

abdomen towards 9 A.M.,⁴².—[420.] Loud rumbling in the abdomen, eructations and discharges of flatulence, which relieve towards morning,³⁵.—Rumbling in the bowels,³⁹.—**Constant rumbling and croaking in the bowels as from frogs*,¹.—Loud rumbling in the intestines, with discharge of inodorous flatulence (after half an hour),²⁷.—Borborygmi (fifth day),⁵⁰.—*Borborygmi and empty eructations during the whole day*,⁴².—Uncomfortable borborygmi,⁵².—Flatulence, which cannot be passed, causing excessive cutting and stitching in the intestines, even waking him from sleep (first night),¹.—**Much flatulence, with tension of the abdomen*,³⁹.—*Incarcerated retained flatulence*,⁴.—[430.] A quantity of inodorous flatulence,⁴⁰.—Moderate flatulence,³⁸.—Constant flatulency,³⁸.—Abdomen full of flatus, which passes off (sixth day); passes a great deal of flatus (seventh day); flatulency (eleventh day); a great deal of flatulency during the night (sixteenth day),³⁰.—*Discharge of much flatulence*,^{30, 39}, etc.—Discharge of abundant flatus,⁴⁰.—Copious discharge of flatulence,³⁰.—*Unusual discharge of flatulence*,^{28, 29}.—When walking, discharge of copious flatulence, causing the rectum to vibrate,³¹.—Unusually noisy discharge of much flatus in the morning,⁴⁴.—[440.] Discharge of a great deal of offensive flatulence,³⁹.—Discharge of fetid flatulence, and a soft evacuation (after five hours),³⁴.—*Discharge of fetid flatus after dinner, and movements in the hypogastrium; both symptoms disappear after an evacuation*,⁴¹.—Frequent emission of odorless flatus,⁶.—Shortly after rising, easy discharge of inodorous flatus, sometimes silent, sometimes noisy,³¹.—Long and rapid successions of smoothly discharged bubbles of inodorous gas passed the sphincter at longer or shorter intervals; a symptom which returned for several days,³¹.—Constant desire to pass wind; it is afterwards passed very profusely,⁴.—Emptiness in the abdomen, as if nothing were in it,⁴.—Emptiness of the bowels after a profuse diarrhœa,⁷.—Feeling of emptiness and soreness in the bowels,³⁶.—[450.] Abdomen felt caved in in morning, with a weak, empty feeling in stomach, and no inclination to eat (second day),⁵¹.—Feeling of looseness in the bowels,³⁹.—Feeling, in the afternoon, as if he should have a stool,⁴⁰.—Pain and rumbling in the abdomen, with urging to stool and shivering over the whole body, when lying down,³⁰.—Frequent intimations of abdominal pain for several days,⁴³.—Pain in the bowels, as from taking cold, or from a succession of improper articles of food,⁴.—*Pain in the bowels immediately on taking only a few steps in the room*,³⁰.—Pains in the bowels, with feeling of gnawing diarrhœa (after a quarter of an hour); after supper the abdomen was very full and heavy,⁴⁷.—Pains in the bowels, with feeling of great heat in the stomach in the evening; the pains in the bowels increased in severity until towards 9 P.M., when there occurred a troublesome diarrhœa for half an hour; after this the pains disappeared,⁴⁶.—Violent pain in the bowels; a loose evacuation (about 3 P.M.), whereupon the pain and uneasiness subside,⁴⁶.—[460.] Great heat in the intestines (after a few hours),⁵⁴.—Fulness in the abdomen,³⁹.—Tension in the abdomen,³⁹.—Tension in the abdomen, with passage of flatus and colic-like pain,⁷.—Great tension in the abdomen, with violent rumbling,³⁹.—Dull, tensive pain in the abdomen, disappearing on pressing on it,⁵.—Continual tensive pain in the bowels; it seems as if they were gathered into a ball, had fallen down, and were lying like a heavy weight in the hypogastrium; it appears as if the anterior parietes of the abdomen were wanting, and the bowels were in danger of falling out (after six hours),³¹.—**The pain in the abdomen became worse after dinner, gnawing and boring, and obliged me to sit down, or lie and bend forwards; violent tenesmus came on at first, with pappy, copious, strong-smell*

ing stools, which, an hour later, were watery, scanty, yellow, and almost inodorous. The colic diminished somewhat, after taking black coffee, at 4 P.M., but became much more painful again after supper, accompanied by confusion of the head, and *aching in the forehead, aggravated by bending forwards*,⁴².—Constriction of the intestines about the pubic region,⁴.—Constant severe constriction of the viscera for ten or twenty minutes, *relieved by violent pressure with the hand*,⁴.—[470.] The pain proceeding from the upper abdomen, when it became more severe, rose upwards towards the chest, and became then constrictive; it was sensibly aggravated by every shock, violent hawking, and the like,³⁰.—*Cramplike pain in the abdomen*, which does not allow him to sit quietly, lie, nor walk, with empty urging and tenesmus of stool after eating,⁴.—***Gripping in the abdomen**,³⁴.—**Gripping in the abdomen, with discharge of flatulence both upward and downward, followed by a thin stool and relief of the pains*,³².—***Gripping in the abdomen, especially about the navel**, with easily repressed tenesmus, continuing nearly two hours (after three hours),⁴³.—***Gripping and pinching in the abdomen** (after twenty-one hours),⁴.—More violent gripping in the upper abdomen than he had formerly felt from the mother tincture, but which did not bring on an evacuation (soon),²⁴.—Gripping pains in the abdomen, which end above the mons veneris,⁴.—***Violent gripping pains in the abdomen**, at 2½ P.M.; **worst about three fingers' breadth below the navel, obliging him to bend over; disappearing after a pappy stool**, at 5 P.M.,⁴⁰.—Gripping and rumbling in the bowels the whole forenoon; more painful when walking than when at rest,³⁹.—[480.] Awakened in the morning by gripping in the bowels and tenesmus, notwithstanding which the stool that followed was normal. The gripping disappeared after drinking black coffee, but returned in the course of the forenoon, accompanied by rumbling and movements in the abdomen,⁴².—***Gripping in the intestines as if all the bowels would be forcibly griped; on account of which he could neither lie nor sit, and could only walk bent over; the pain was not relieved by lying quietly, but only by violent motion or rolling about,⁴.—***Pinching pain in the abdomen**, as if the bowels were pressed inward, with cutting extending toward the pubic region, so severe below the navel that the muscles of the face are distorted and the eyes drawn together; the pain is only relieved by pressure upon the bowels with the hands and bending himself inward,⁴.—***Pinching in the bowels as if the intestines were squeezed between stones, and would be crushed**, at times with rush of blood to the head and face, and sweat on them, which parts on the relief of the pain seem as if blown upon by cool air,⁴.—Pressing in the abdomen,³⁰.—Pressing outward in the right side of the abdomen,³⁰.—Pressure in the abdomen as from fulness,⁴.—Pressure in the intestines, which sometimes seems to be caused by emptiness, but is rather aggravated when eating, especially when stooping forward while sitting; for six days in succession, especially in the evening,⁸.—***Cutting in the abdomen**, immediately after eating,³⁵.—**Cutting in the upper abdomen, transient*,⁸.—[490.] Cutting and thumping in the abdomen,³⁵.—The cuttings in the abdomen and the tenesmus lasted all the afternoon, and only disappeared entirely in the evening, when he got warm in bed,²⁵.—Cutting abdominal pains after dinner and supper,³⁵.—Cutting in the bowels, with rumbling and gurgling,⁴.—*A violent cutting, like an electric shock, darted through the whole abdomen to the anus, towards noon*,³⁷.—Periodic attacks of frightful cutting in the bowels, extending from the region of the left kidney to the thighs, and spasmodically to the bowels, so that she was obliged to assume a posture as**

much bent over as possible,².—Pressive cutting in the upper abdomen, as from flatulence, on inspiration,⁸.—*Stitches penetrating deep into the abdomen*,^{28, 29}.—*Drawing-tearing pains in the whole abdomen*,^{28, 29}.—*Colic*,^{9, 20}.—[500.] Generally wake in the morning with colic and tenesmus,⁴².—By far the most prominent and troublesome symptom in my case was colic, which never came on except at night,⁵⁵.—Colic in the upper abdomen returned, but less violent, towards noon, after violent exercise,³⁰.—Colic; the pains being confined to that portion of the abdomen above the umbilicus, come in paroxysms, and are relieved only by bending double,⁵⁵.—*Colic appearing only when walking*, disappearing every time he stood still, towards noon,³⁰.—Colic, with violent rumbling, as if from the bursting of large bubbles,³⁰.—Colic, with uneasiness in the whole body, and shivering in both cheeks, which seems to rise up from the abdomen, and disappear after more violent pains,⁴.—Constant colic through all the intestines, a bruised pain and pressure combined,¹.—*Constant colic, with urging to stool*, which, however, was subject to control,⁴².—Slight colic after eating, at noon and evening,³⁵.—[510.] Violent colic and sudden stool after eating some potatoes,³.—Violent colic, relieved by smoking, which, however, left a long-continuing sensation in the abdomen as if he had taken cold,³.—*Colic more violent, gnawing after moving about*, in the forenoon; somewhat diminished towards noon, but not entirely intermitting during the remainder of the day,⁴².—***Colic very violent in paroxysms, obliging him to bend forwards.** *It continued four hours, and only ceased after the evacuation of a soft stool*,⁴⁰.—***Colic of the most violent character**,¹¹.—**Unspeakable colic*,¹⁹.—A kind of flatulent colic, after midnight, from sudden flatulence here and there, which becomes painfully incarcerated, and is not emitted (second night),¹.—***Gripping colic**,¹⁰.—Gripping colic, without stool (after thirty-four hours),⁵.—Transient gripping colic,⁴⁴.—[520.] Colicky pains, with discharge of flatulence, in the night,³⁵.—Severe colicky pains over whole abdomen, gripping and cutting; soon followed by diarrhœa, mushy at first, and then watery (after one hour),⁵¹.—Violent colic-pains, continuing for an hour, but disappearing after two evacuations, following each other in quick succession,³⁷.—Symptoms of colic, with inflation of the abdomen (the clothes became too tight), towards noon, when walking,³⁰.—All the colic pains of Colocynth disappear after a cup of coffee, but after this he is obliged to go to stool,⁴.—Continued sensitiveness, gripping, and commotion in the abdomen for several hours, in the afternoon,³⁰.—Increased sensitiveness of the whole abdomen, and constipation, lasting several days,²⁵.—*Excessive sensitiveness of the abdomen*,²⁵.—*The abdomen continued tender and inflated*, even after an evacuation,³⁰.—The bowels are painful on strong pressure on the abdomen, as if excoriated,³⁰.—[530.] Painfulness of the abdominal integuments, particularly when walking,⁴⁴.—***Hypogastrium and Iliac Region.*** Movements in the hypogastrium, after dinner, disappearing after a soft evacuation,⁴⁰.—Aching in the hypogastrium soon after dinner, ameliorated by the discharge of abundant fetid flatulence, and disappearing after the subsequent stool, at about 4 P.M.,⁴⁰.—Gripping in the hypogastrium, going off in a stitch towards the left pubic region, with rumbling and sensation of inflation (after half an hour),³⁰.—Dragging from both sides of the lower abdomen to the middle of the hypogastrium, as from flatulence which will not pass, but only provokes emission,¹.—Cutting in the lower abdomen,²⁵.—Constant cutting in the lower abdomen, so that he was obliged to walk bent over, with weakness in the whole body, which made walking difficult, with dread of work to be done,⁵.—Violent cutting in the lower abdomen, forcing him to stool; and a fluid

evacuation, immediately after dinner,²⁵.—A smarting cutting in the lower abdomen that commenced while walking, and was aggravated by every step (after five days),⁸.—Bruised pain in the lower abdomen, mostly noticed while walking and standing bent over,¹.—[540.] Constant pressure in the pubic region (after eight to ten hours),⁴.—Sticking in the pubic region,³⁰.—*Pain in the groin, as if a hernia would protrude, and, on pressing upon it, pain as if a hernia were going inward*, for half an hour in the afternoon, and the next day at the same hour,¹.—Tensive pain in the right groin, aggravated by pressure,⁵.—Boring pain in the left groin, close to the pelvic bones,⁵.—Drawing pain in both groins, frequently repeated, and going all around the pelvis,⁵⁰.—Clucking sensation in the inner side of the groin,⁴⁴.—**Moderate tension in the region of the anterior-superior spine of the ilium of the left side, in the evening; the next day this sensation, hitherto a tensive feeling confined to one point, changed into a violent drawing, extending from the spine of the ilium to the inguinal region and the upper third of the inner surface of the thigh; it continued pretty violent all day, and did not disappear until the next day,*²⁴.

Rectum and Anus.—**Rectum.** Pain in the lower part of the rectum, as from swollen hæmorrhoids, while sitting, walking, and urging to stool,¹.—Ineffectual pressing toward the rectum,³⁶.—Stitches in the rectum,³⁰.—**Anus.** [550.] Blind hæmorrhoids,¹.—A small painful hæmorrhoidal knob in ano (sixteenth day),⁵⁰.—Moisture at the anus and perineum,³⁰.—Soon after dinner, when walking in the open air, oozing at the anus and discharge of moisture from the rectum, instead of the expected flatulence. This oozing continued the whole afternoon; at 6 P.M. another pappy stool, with much mucus and subsequent burning of the anus,³⁰.—[Discharge from the anus, some hours after dinner],¹⁷.—Discharge of blood from the anus,²⁰.—*Discharge of blood from the anus, which after more than a year still continues in greater or less quantity daily, with violent sticking and burning pain in the small of the back and anus (during the first days),*²⁶.†—Sensation at the anus as if successive slippery bubbles were escaping,³¹.—[560.] Burning at the anus,³⁰.—Burning and sticking in the anus,⁴¹.—Burning and excoriated pain, with moisture at the anus, as after diarrhœa,³⁰.—Slight burning and moisture at the anus, as after diarrhœa,³⁰.—Occasional pressing at the anus, as if a quantity of fæces were about to be discharged, with escape of only a little mucus,³¹.—Frequent pressure at the anal sphincter, which ceased at once on the escape of the slightest quantity of wind or mucus,³¹.—Violent itching sticking in the anus and rectum (after one hour),¹.—Violent itching sticking in the anus when at stool,⁵.—Twitching and burning at the anus and in the rectum in the afternoon,³⁶.—Prickling and oozing from the anus,³⁰.—Stools caused great soreness of anus and surrounding parts,⁵¹.—[570.] Sensitiveness around the anus, with frequent urging to stool, which was *unsatisfactory and diarrhœic*, but painless,⁴⁴.—Itching at the anus, and at the orifice of the urethra,³⁶.—Itching in the anus all day,²⁴.—Severe itching at the anus for several days,⁴⁷.—Violent itching at the anus,⁴⁷.—**Urging.** Urging to stool twice the first day,⁴⁷.—*Urging to stool* (which, however, was under control),⁴².—Urging to stool and a soft evacuation after dinner,⁴⁰.—*Urging to stool without an evacuation, which appeared an hour afterwards in single pieces of a stony hardness,*³⁷.—*Frequent urging to stool, without any evacuation,*³⁷.—[580.] Violent urging to evacuate the bowels, demanding instant attention (after five hours),⁴⁰.—

† Before this proving he had never had a discharge of blood from the anus.

Excessive urging to stool, which was copious, yellowish-brown, partly thin, as from a purge, and with a sourish offensive odor, followed by transient relief of the colic*,⁴.—Frequent excessive urging to stool, with sensation in the anus and lower portion of the rectum as if the parts were weakened and relaxed by long-continued diarrhœa*,⁴.—Ineffectual urging to stool,³⁹.—Repeated inclination to stool, which, however, was easily resisted,⁴⁴.—An easily resisted inclination to stool (after one hour), and subsequently a half watery half solid evacuation,²⁷.—**Urgent almost irresistible inclination to stool (after five hours), and, in quick succession, two abundant, first pappy, then fluid evacuations, with ulcerative pain in the bowels, ameliorated by bending forwards, aggravated by an upright position*,³⁰.—*Sudden tenesmus, soon followed by a copious pappy evacuation, succeeded by griping, and sensation as if taking cold in the abdomen; sleepiness, disinclination to study*,²⁸.

Stool.—Diarrhœa. Diarrhœa (after half an hour),⁴⁶.—Diarrhœa day and night, with nausea, without being able to vomit,³.—[590.] Diarrhœa (twelve stools daily),⁵⁵.—Diarrhœa, fifteen stools in eighteen hours, with gradual relief of the colic,⁵.—Diarrhœa followed by much flatulence, and an unpleasant not very marked sensation of weakness,³⁸.—Slight diarrhœa, preceded by griping in the umbilical region,⁵².—Violent diarrhœa, with colic,⁵⁴.—**Copious fecal diarrhœa, accompanied by great discharge of wind*,⁴⁰.—Greenish-yellow diarrhœa, with a feeling as if he had taken cold,³.—Looseness of the bowels,²⁶.—Great looseness,³⁹.—Dysentery,²².—[600.] Fatal dysentery,¹⁵.—Several small evacuations a day, with frequent inclination to stool,⁴⁴.—*Several pappy stools a day*,⁴².—Several thin pappy stools every day,⁴².—Three copious discharges from bowels at short intervals, each followed by temporary relief of the abdominal pain (after five hours),⁵¹.—Three very soft brown stools (after five hours),³⁴.—*Three pappy stools*,³⁵.—Three fluid mucous, but painless stools,³⁶.—Quite liquid evacuation three times in the evening, and once the following morning,⁴⁹.—Two pappy stools (after each dose),²⁴.—[610.] Two pappy evacuations daily (after three days),²⁴.—Contrary to his usual habit, two pappy stools a day, with slight griping in the upper abdomen,²³.—Two pappy stools, with discharge of flatulence,³².—Two pappy yellow painless stools in the forenoon,⁴².—Two, almost fluid, yellowish stools in the afternoon,³⁹.—Two unsatisfactory stools,⁴¹.—A second stool at 4 P.M., with slight subsequent burning at the anus,⁴⁰.—The usual normal stool was soon followed by one of pappy consistence and subsequent burning in the anus, and at the same time pricking in the orifice of the urethra after urinating,³⁰.—A stool in the morning and another after dinner, hard and unsatisfactory,⁴¹.—Stools at first watery, slimy, then bilious, at last bloody,¹¹.—[620.] Stools dark-green, thin, mushy, but not watery,⁵¹.—Pappy stools, with burning at the anus,³⁶.—Stools gradually became more pasty and thinner, always very brown; together with much rumbling in the abdomen,⁵².—Stools consistent, remarkably brown, often quite blackish-brown,⁵².—Dysenteric stools, with passage of blood and remarkable burning pain in the sacral region (after five hours),⁵³.—**Bloody stools*,^{10 12}.—Diarrhœic stool after dinner, without colic or tenesmus,⁴³.—A yellow diarrhœic stool, without tenesmus or pain, after dinner,⁴².—Diarrhœic evacuation, with tenesmus,³⁵.—Liquid evacuation (soon),⁴².—[630.] Watery stool, with griping, followed by continued and almost irresistible tenesmus,³⁰.—**Fluid stool after eating, with discharge of flatulence and painful feeling in the abdomen the whole afternoon, which was only removed when he got warm in bed*,²⁵.—Fluid stool, with rectal tenesmus,²⁵.—A soft, fluid, rapidly discharged stool, after a continual gentle

pressure, and the passage of a quantity of slippery flatus at noon,³¹.—A semifluid stool, accompanied by a perfect storm of flatulence, and followed by a considerable discharge of wind,³⁸.—**Thin, frothy, saffron-yellow stool, of a musty odor, smelling almost like burnt gray blotting-paper* (after twelve hours),⁴.—Soft but not copious stool,²⁷.—A very slippery soft stool at about 11 A.M.; tensive pressure over the whole forehead at its evacuation. The same symptoms returned in the afternoon, and were succeeded by pressure upon the bladder, alternating with pressure upon the anal sphincter,³¹.—Stool soft, pappy, leaving behind it tickling in the rectum,³⁰.—Pappy stool immediately after dinner,³⁵.—[640.] Pappy stool, with shivering over the head and back, immediately after dinner,³⁰.—Pappy stool after eating, with subsequent burning at the anus,³⁰.—Pappy evacuation followed by slight intermitting griping, accompanied by a feeling of having taken cold in the umbilical region, and rumbling in the bowels,³⁸.—An almost formed stool, accompanied by slight tenesmus,²⁷.—Was obliged to retain the stool with great exertion in order not to pass it involuntarily at night,⁴.—*Disturbances in relation to the character and time of the stools, which were either absent, or, instead of coming, as normally, in the morning, appeared in the afternoon and were either too soft (diarrhœic), or too hard and unsatisfactory*,⁴¹.—Stool hard and unsatisfactory; on another occasion the evacuation which began knotty and dry ended in a diarrhœa,³³.—The stool, which showed for several weeks a tendency to diarrhœa, is in the evening more constipated (second day); a soft stool of dark-brown color, at 8 A.M. (third day); soft in the morning, fluid, light-yellow, at 3 P.M., fluid, dark, 6 P.M. (fourth day); soft, yellow in the evening (fifth day); hard, dark, about noon (sixth day); small, yellow, consistent, at 9 A.M., copious, soft, light-yellow, with flatus at noon; fluid, light-yellow, preceded by great gurgling in abdomen, at 2 P.M.; fluid, light-yellow, preceded and accompanied by a great deal of colic (seventh day); fluid, light-yellow at noon (eighth day); light-yellow, soft at noon (ninth day); small, hard, dark, at 9 A.M. (tenth day); hard, dark-green after rising; firm, dark, in the evening (eleventh day); hard, dark (twelfth day); hard, dark in the forenoon, soft, dark in the evening (fourteenth day); hard, dark in the morning, and in the evening another (fifteenth day); hard, dark in the morning; during the last days the hard, dark stool consisted mostly of hard knotty pieces, at 2 P.M.; soft, light-colored, mixed with hard knots (sixteenth day); light-colored, soft at 6 A.M.; small, hard, knotty towards evening (seventeenth day); hard, lumpy, with copious flatulency (nineteenth day); towards morning, dark, small, lumpy; soft, dark-green in the evening (twentieth day); towards morning, small, dark-green, lumpy, with flatulency (twenty-first day); dark, soft in the morning (twenty-third day); two soft ones (twenty-fifth and twenty-sixth days); two soft ones, mixed with lumpy fœces and great flatulency (twenty-seventh day); two soft ones (twenty-ninth day),⁵⁰.—**Constipation.** Constipation (secondary),⁵⁴.—The bowels were sluggish, acting only every other day, but the stools were not particularly hard,³⁸.—[650.] *The intestinal canal was torpid during the whole time he was taking from three to five drops; the evacuations were hard, and took place, contrary to his usual habit, only once in two or three days*,⁵⁵.—Viscid, soft, scanty stool every three days,²⁷.—Scauty, tenacious, and slimy fœces,⁴.—A hard, unsatisfactory evacuation about 5 P.M., discharged with difficulty,⁴⁰.—Stool hard, with slight urging (after forty-eight hours),⁵.—**A very hard evacuation, as if he were passing stones*,³⁷.—Very hard stool passed

in pieces (after five and six days), (secondary action),⁸.—The usual morning stool was absent,⁴¹.—*No evacuation the whole day*,^{37 40}.

Urinary Organs.—Bladder. **Violent pressure upon the bladder which was full, suddenly set in, but as suddenly passed off on the expulsion of considerable flatus in rapid succession, which drove before it some mucus fluid; (after half an hour). These flatulent attacks frequently returned in alternation, with other symptoms*,³¹.—[660.] Painful stitches in the bladder, and subsequently alternating in the rectum, disappearing on the discharge of flatulence,²⁷.—**Urethra.** Burning in the urethra, after urinating,³⁰.—Burning in the orifice of the urethra, on the passage of the last few drops,³¹.—Burning in the orifice of the urethra after urinating, lasting an hour,³¹.—Pressive pain in the tip of the urethra, as though it were crushed, soon after urinating (after fourteen hours),⁶.—Stitches along the urethra,³⁹.—A stitchlike tearing through the urethra,¹.—*Urging to urinate*,^{30 49}.—*Urgency to urinate, with discharge of a great quantity of clear watery urine* (returning at nearly hourly intervals), in the forenoon,³⁶.—Urging to urinate, with pressure in the pubic region (after eight hours),⁴.—[670.] Urging to urinate, without being able to pass any urine, which generally was very scanty,⁴.—Repeated urging to urinate,³⁰.—***Frequent urging to urinate, with scanty emission**,³⁹.—Tenesmus vesicæ, frequent, with scanty micturition (after one hour),¹⁶.—**Micturition.** *Frequent urination*,^{30 40}.—Frequent urination, with an apparently increased flow,⁴⁴.—*More frequent urination*,⁴¹.—Increased urination,³⁶.—*Increased secretion of urine*,³⁷.—It almost always caused increased passage of urine, with more or less change of the quality of the urine; **it was, however, especially like brown beer, becoming turbid as soon as cold, and depositing a copious sediment*,⁵³.—[680.] Urine remarkably increased,³³.—Copious urination,³⁰.—Copious urine,²⁹.—Very copious discharge of urine,³⁰.—Profuse urination,²³.—Secretion of urine diminished,⁴⁷.—The urine seems to be scantily secreted,⁴.—Urine apparently rather diminished,³⁵.—Retention of urine,¹⁴.—Retention of urine, with painful retraction of the testes and priapism,⁵⁴.—**Urine.** [690.] Discharge of clear, watery urine during the whole day,²⁷.—Urine clear, diminished in quantity, dark orange-colored, sp. gr. 1030 (normal 1018); reaction acid, "urophain" and uric acid increased, chlorides diminished, epithelium remarkably increased,⁴⁵.—Bright urine, but of a somewhat deep wine-yellow, and containing a transparent cloud,⁴².—*The urine presents a very striking similarity in appearance to that in dropsy after scarlatina. It is of a faint flesh-color, deposits a light-brown, flocky, unequal, translucent sediment, and upon the vessel, small, hard, and solid reddish crystals, which adhere so strongly that they are not easily removed by water.* The urine passed during the day is somewhat lighter colored than that passed towards evening, night and morning,⁴².—Urine, immediately, of intolerable odor; on standing it becomes very thick, gelatinous, glutinous, like coagulated albumen,¹⁸.†

Sexual Organs.—Male. The prepuce was drawn back, and, as it were, slightly constricted behind the glans, at night. Every time he brought it forwards, but found it again drawn back at his next waking,⁴⁰.—Frequent erections,³⁰.—Priapism,¹⁴.—Complete impotence, the foreskin remained drawn back behind the glans, although he was not entirely averse to sexual intercourse,¹.—Tearing pain in the glans penis,¹.—[700.] Prickling in the end of the glans,³⁰.—Painful drawing up of the testicle,¹⁴.—Severe drawing pain in the left testicle,²⁸.—Painful twinges in the right testicle,¹.—Excited sexual

desire,³⁸.—Sexual desire highly excited,³¹.—Exceedingly increased sexual desire for several days,³⁰.—Excessive sexual desire, with erections,¹.—Sexual desire remarkably diminished,³³.—A pollution, two nights in succession,⁴⁹.—**Female.** [710.] Great swelling of the labiæ, rapidly increasing, with sensation of dragging and increased warmth in the vagina (this swelling of the labiæ continued during the remainder of the pregnancy, and was only partially relieved by a palliative),⁵³.—Her courses, usually regular and copious, have not appeared, although a week over time,⁵¹.

Respiratory Organs.—Larynx, Trachea, and Bronchi.

Distressing dryness of the air-passages; on the two next days a perceptible and disagreeable feeling of fatigue in the affected parts,²⁴.—Constriction of the larynx, disappearing in the open air (after half an hour),³⁵.—Sensitiveness of the larynx began, and the voice became rough and hoarse, towards evening,²⁴.—A spot in the larynx which scratches and provokes coughing, feels somewhat scrapy on inspiration,¹.—Frequent tickling irritation in the larynx, with a dry cough,¹.—Titillation in larynx, dry, short cough, especially during the night, and waking him from sleep (fifth, seventh, eighth, ninth, and tenth days),⁵⁰.—**Cough.** Cough,⁴⁹.—During the day, and, apparently, as the articular pains increase, the cough is less frequent (twelfth day),⁵⁰.—[720.] Hacking cough, on smoking, in the evening,⁶.—Frequent teasing cough day and night (twenty-third, twenty-fourth, and twenty-eighth days),⁵⁰.—Tickling cough in the day and night (twenty-ninth, thirtieth, and thirty-first days),⁵⁰.—No symptoms during the night, except tickling cough,⁵⁰.—During the day dry tickling cough, with nausea, vomituration, nearly vomiting. Talking, cold air, etc., do not produce coughing, but it comes suddenly without any cause, in the fresh air as in the room (eleventh day),⁵⁰.—*Titillating cough frequently during the night* (thirteenth, fourteenth, fifteenth, sixteenth, seventeenth, eighteenth, nineteenth, and twenty-second days),⁵⁰.—Much titillating cough, with choking and vomituration, several times during the day (sixteenth, seventeenth, and twenty-second days),⁵⁰.—Frequent titillating cough in the evening, and during the night, without expectoration (eleventh and twelfth days),⁵⁰.—**Respirations.** Respiration is short and rapid, for several days, without dyspnoea or heat,¹.—Attack of dyspnoea, at night, with slow, difficult breathing, which provokes cough,¹.

Chest.—Objective. [730.] Whistling in the chest on inspiration, in the morning (after one hour and three-quarters),⁶.—**Subjective.** Tension over the chest and forehead, during a very soft and smoothly passed stool,³¹.—Some constriction in the chest (after two hours); subsequently stitches in the upper part of the left half of the chest, especially when walking,³².—Constrictive sensation, with transient stitches in the chest, beginning soon after the dose, and troubling him all day, especially when walking,³².—Frequent pressure and oppression of the chest, in the afternoon; dull stitches in the chest and sides,³².—Pressive pain in several places on the thorax, in the hepatic region, and over the heart, impeding respiration (continuing several hours), towards evening,⁴³.—Oppression and stitch on respiration in the right side, not very considerable,⁴⁹.—**Oppression of the chest* (after two hours),³².—Oppression of the chest, in the evening,⁴⁰.—Oppression of the chest, or pressure upon the chest, very severe in the evening,⁴⁸.—[740.] Oppression of the chest, soon after eating,³².—Oppression of the chest, as if everything were too tight; with compression on the sides, especially on stooping forward, while sitting, and in the evening, for six days,⁸.—Great oppression of the chest, before midnight, driving away sleep,³⁵.—Great op-

pression of the chest, as from external pressure, on inspiration, which also causes sticking in the chest,⁸.—Troublesome oppression of the chest,³⁵.—Some stitches in the chest, and under the ribs, here and there, every day,⁸.—Dull stitches on expiration; slight pressure in the chest, for six days,⁸.—**Front.** Pressure in the middle of the sternum, as if something were lying upon the lungs,⁸.—Spots on the anterior part of the thorax that were sore and painful, as if bruised,⁴².—**Sides.** Constant burning in a spot on the right side of the chest, towards 11 o'clock,⁴².—[750.] Tensive and pressing pain, in both sides, where the diaphragm is attached,³¹.—Gripping pain in the right intercostal muscles,⁶.—Occasional sticking pains in the right chest, in the forenoon,⁴².—Stitches in the left side, cutting short the breathing, towards evening,⁴².—Single stitches, as if from needles, under the left pectoralis,³⁷.—Transient stitches in the right side of the chest, from before backwards, in the afternoon,³⁷.—Transitory stitches in the left side of the chest,³⁶.—Frequently repeated long stitches in the left chest and left knee,⁴².—Twitching in the region of the fifth and sixth left ribs,³⁰.—Muscular twitches in the right intercostal muscles, which disappear on becoming erect (fifth hour),⁵.

Heart and Pulse.—Præcordium. [760.] Oppression of the heart, towards 8 P.M.,⁴⁹.—Painful stitches in the cardiac region on going to bed,⁴².—**Heart's Action.** Palpitation,^{30 31}.—[Palpitation],¹⁸.—Palpitation, when sitting,³⁰.—**Pulse.** [Rapid, full pulse],¹⁸.—Pulse small, rapid,⁵⁴.—Pulse slow, full; first ten hours,⁴.

Neck and Back.—Neck. Stiffness of the left side of the neck, painful on motion,⁴.—**Feeling of stiffness in the muscles of the nape of the neck when moving the head,*³⁶.—[770.] *Drawing in the nape of the neck,*^{28 29}.—Painful drawing in the nape of the neck, even during rest; soon followed by stiffness of the neck, painful by itself, and still worse on moving the head,⁴.—**Violent tensive-drawing pain in the left cervical muscles, worse on motion,*⁴.—In the large cervical muscles of the left side, drawing pain like a violent contraction; on motion it extends backward and entirely disappears,¹.—Pressing boring-drawing in all the muscles of the neck, on different parts of the occiput; worse on the right side and in the evening (twenty-seventh day),⁵⁰.—**Troublesome pressure in the left side of the nape of the neck, increased by turning, as in rheumatism,*³⁰.—Sensation in the neck, extending towards the occipital protuberance, as if a heavy weight were lying transversely across it; equally sensitive during rest and motion,⁴.—Tearing in the left side of the nape of the neck,³⁰.—**Back.** Pain in the back above the hips, with nausea and chilliness,³.—Stitches in the back,⁴².**Dorsal.** [780.] Drawing in the dorsal muscles,^{28 29}.—Occasional slight drawings in the shoulder-blades,⁴².—**Drawing pain internally in the region of the right scapula, as if the nerves and vessels were made tense,*⁴.—Severe drawing pain extending from the right side of the neck across the scapulæ, as if the nerves were forcibly torn and stretched, or as if bruised,⁴.—Tensive sticking pain between the scapulæ, mostly when walking, so that for a while he was obliged to walk bent over,¹.—Dull stitches beneath the right scapula, on inspiration,⁸.—Sore pain in the left scapula, during rest,⁵.—Pressing inward and dull throbbing in the right lumbar region, when sitting,³⁰.—**Tensive sticking in the right loin, only noticed on inspiration, most violent when lying upon the back,*⁵.—Pressive bruised pain in the lower portion of the back, with severe pressure in the pit of the stomach, during rest and motion,¹.—[790.] Feeling of weariness in the small of the back,²⁷.—**Painful lassitude in the small of the back and lower extremities, in the evening,*²⁷.—Pain

in the small of the back,^{28 29}.—The small of the back and lower limbs were painful as if after a forced march,²⁷.—Feeling of pressure and heaviness in the small of the back,⁴⁰.—**Sacral.** *Aching in the region of the left sacro-iliac articulation, accompanied by crawling in the whole left sole, as though it were asleep,*³⁰.—Pressive pain in the sacrum, diminished by movement,³⁷.—Transient stitches in the sacrum,³⁶.—Bruised sensation in sacrum (ninth day),⁵⁰.

Extremities in General.—Objective. Contraction of all the limbs, so that he resembled a hedgehog,¹⁹.—[800.] Twitching of different parts of muscles in the limbs,¹¹.—Weakness of all the joints, especially of the knee and elbow,³¹.—Weakness of all the limbs on walking in the open air, as after a long walk, with great trembling of the lower legs, especially of the right, so that sweat broke out over the whole body (after eleven hours),⁶.—Disagreeable feeling in all the limbs on making any intellectual exertion,⁴⁹.—Tired sensation in the joints (nineteenth day),⁵⁰.—Migrating pains in the joints of the fingers and feet (tenth day),⁵⁰.—The rheumatic gouty pains came on more violently than ever before, sometimes in the joints, and sometimes in the bones of the upper and lower extremities, but did not last long,³⁷.—*The rheumatic pains in the limbs and joints are the more important phenomena, and with greater certainty ascribable to the drug, inasmuch as I had never experienced the like before or since,*³⁵.—Some of the joints feel as if they were compressed by a tight ring (twenty-sixth day),⁵⁰.—Boring and burning pains in the muscles of the extremities and of the buttocks (twenty-fifth day),⁵⁰.—[810.] Boring and drawing in the joints of the fingers, in the shoulders, in the knees, in the shin-bones and ankles (thirteenth to fifteenth day),³⁰.—Drawing pressing-boring pains in the wrist, fingers, knees, muscles of thighs, in the morning after rising, and again in the evening (fifteenth day),⁵⁰.—Drawing in different parts of upper and lower extremities when walking (twenty-second to thirty-first day),⁵⁰.—Drawing and pressing in all the joints; more when sitting than when walking; lasting the whole day (sixteenth day),⁵⁰.—Transient drawing in the upper and lower limbs towards evening,³⁷.—Transient drawing in various joints of the upper and lower limbs, especially of the fingers and toes, disappearing instantaneously on motion, and as rapidly recurring in rest,⁴⁰.—Towards evening the pains increase in the extremities while sitting, and are especially severe in the knees, feet, and shoulder-joints; it is a pressing-drawing pain, a sensation of tiredness (thirteenth day),⁵⁰.—*Tearing-drawing in both thighs and in the left arm down to the finger joints,*^{28 29}.—Pressing in several of the finger and toe joints, especially during rest,⁴¹.—Tearing drawing-pressing in different joints and parts of the head, especially boring behind the right ear and on the right side of the head (nineteenth day),⁵⁰.—[820.] Pressing and boring pains in the joints of the toes and fingers at 9 P.M. (eleventh day),⁵⁰.—Pressure in the joints of the hands and feet after rising (eleventh day),⁵⁰.—A great deal of pressure in the knees and wrists when sitting; also in the thighs (sixteenth day),⁵⁰.—Feeling of pressure in the joints,⁴⁰.—Tearing in the joints of the arms and legs, more when resting; during the night very little pain in the joints (tenth day),⁵⁰.—Bruised feeling in all the joints (twentieth day),⁵⁰.—Bruised sensation in the knees, arms, shoulders, when sitting (seventeenth day),⁵⁰.

Superior Extremities.—Sensation of weakness in the arms (seventeenth day),⁵⁰.—Sensation of swelling in the arms,³⁰.—Pain in the left arm, soon disappearing (after one hour),⁴⁷.—[830.] Pressive-drawing bone-pains in the long bones of the arms during rest, especially painful on the head

of the humerus and across the wrist, where it seems as if the pain were in the periosteum, on raising the arm,¹.—Paralytic pressing in the whole of the left arm,³⁰.—Stitches in the arms from time to time, now here, now there (after four hours),⁸.—Paralytic bruised pain in the arms from time to time (after five days),⁸.—Pulsation in the left arm,⁴⁷.—**Shoulder.** Axillary glands swollen and painful (twenty-third to thirty-first day),⁵⁰.—[Suppurating swelling of the axillary glands],¹³.—A drawing aching came on in both shoulders in the afternoon,³⁷.—Boring in the shoulder (twelfth day),⁵⁰.—Boring in the right shoulder, then in the left knee, then in the right one (twelfth day),⁵⁰.—[840.] Painful tension in the right shoulder on first waking, continuing and becoming worse from using the arms,³¹.—Drawing and burning in the muscles of the left axilla down the arm; after a while also in the right axilla (seventeenth day),⁵⁰.—Drawing and boring in the shoulders and joints of the hands (twelfth to fourteenth day),⁵⁰.—Drawing and tearing in the right shoulder-joint in the morning, lasting all day,²⁴.—Drawing in the right shoulder when lying in bed at night,²⁴.—Transient drawing in the right shoulder,⁴².—Pressing in the shoulders when sitting (twenty-second to thirty-first day),⁵⁰.—Tearing in the shoulders,²⁷.—The arm is painful behind the right scapula, as if sprained, during rest and motion,⁴.—**Arm.** Prickling-burning pain on motion of the right upper arm,⁵.—[850.] Drawing in the right upper arm the whole day, and continuing into the next forenoon,³¹.—Slight drawing in the right upper arm, remarkably increasing after dinner, and becoming almost painful, but decreasing again when walking in the open air,³⁴.—Pressing in the joints of the upper arm (twelfth to fifteenth day),⁵⁰.—Flying stitches in the humeri in the evening,²⁷.—Tearing in left upper arm (eleventh day),⁵⁰.—Frequently repeated throbbing, finally twitching pain in the right upper arm in the region of the insertion of the deltoid, whence it extended through the shoulder to the upper teeth, and as far as the region of the temples and vertex. The pain was in the periosteum, and, after it had frequently returned, the muscular parts of the arm there became painful on pressure as if sore,³⁰.—**Elbow.** Drawing in the right elbow-joint,⁴¹.—Pressure in the elbow-joints (eleventh day),⁵⁰.—Fine itching sticking in the bend of the right elbow during rest,⁵.—Frequently returning stitches in the right elbow and forearm,⁴².—[860.] Tearing and burning pain in the right elbow (fourteenth and fifteenth days),⁵⁰.—**Forearm.** Stiffness of the right forearm, with painfulness of the extensors; continuing the next day,³⁴.—Falling asleep of the right forearm,³⁰.—Occasional violent pains in the right forearm in the morning,⁴⁷.—Teusive pain in the right forearm (after twenty-seven hours),⁵.—Very crampy pain in the left forearm,⁴⁷.—Pressing drawing in the forearms (sixteenth and seventeenth days),⁵⁰.—Drawing pains in the left forearm, persisting at the elbow,⁴⁷.—Transitory drawing sticking in the periosteum of both bones of the forearm,³⁷.—**Wrist.** Boring and pressing in the wrists and forearms (seventeenth day),⁵⁰.—[870.] Severe boring in the wrists (seventeenth day),⁵⁰.—Severe and frequent pressing in the wrists (fourteenth and fifteenth days),⁵⁰.—Drawing-pressing pains in the wrists when sitting (sixteenth and seventeenth days),⁵⁰.—**Hand.** Feeling of stiffness in the hands,²⁷.—Contractive pain in the right hand, which constantly increased until a similar one occurred in the left malar bone (in a quarter of an hour); the pain in the right hand then spread over the forearm as the facial pain decreased, and again grew milder when the facial pain and some pain in the bowels occurred,⁴⁷.—Cramplike pains in the palms, so that the fingers can only be opened with difficulty; worse during

rest than motion,⁵.—Frequent drawing in the hands and fingers (twelfth to fifteenth day),⁵⁰.—Many drawing and pressing pains in the joints of the hands, fingers, and shoulders (tenth day),⁵⁰.—Pressing in the palmar joints (twenty-first day),⁵⁰.—Pressing pains in the joints of the hands (eleventh day),⁵⁰.—[880.] At 7 A.M., while writing, *exceedingly painful, long stitches in the right metacarpus, frequently repeated in the course of a few minutes, and somewhat embarrassing the operation of opening the hand and stretching the fingers*. The stitches appeared during both rest and motion, a symptom which I had never had before. At 8 P.M., while reading, the symptoms recurred, only the pain was more continuous, the stitches more intense and longer. The same symptoms were repeatedly felt at different times on subsequent days,⁴².—*Tearing in the joints of the left hand*,^{28 29}.—**Fingers.** Unusual burning of some pin-scratches on the fingers, also in the face and head,⁴⁷.—Burning pain in one point in the right middle finger,⁴.—*Tensive pain in the left thumb, impeding its motion*,³⁵.—Violent drawing pains in the right thumb as if in the tendon, commencing in the ball and disappearing in the tip of the thumb (after five hours),⁶.—Pressure in the right fingers (tenth day),⁵⁰.—Rather violent pressing pain in the left little finger about 6 P.M., particularly towards the middle joint, soon disappearing; then the same pain in all the right toe-joints, except those of the great toe, lasting eight minutes,⁴⁰.—*Drawing-tearing pains in the finger-joints of the left hand*,^{28 29}.—Bruised pain in the right middle finger at noon,⁴².

Inferior Extremities.—[890.] His legs were unusually weak; going upstairs was hard work,³⁰.—*Heaviness of the lower limbs*,³⁸.—Severe boring pains in the joints of the lower extremities, worse towards evening, more frequent when sitting than when walking or standing (twenty-seventh day),⁵⁰.—Pressing-throbbing pain on the upper part of the inner side of the right leg, extending to the posterior side of the thigh upwards towards the ischium (when sitting and walking),³⁰.—Pains in the lower extremities increase until noon, so as to be frequently troublesome in walking,³⁹.—The pain in the lower extremities disappeared after drinking beer; the headache was aggravated,³⁹.—**Hip.** Transient stiffness in the hip-joint,³⁹.—Pains in the hips and knees, in the morning (tenth day),⁶⁰.—Boring in the right hip-joint (ninth day),⁵⁰.—**Dull stitches in the region of the right hip, suddenly appeared and just as suddenly disappeared, during a walk of some hours; they were so severe that I was obliged to cease walking for several minutes at a time, and became so frequent that I was obliged to cut short my walk and return home; while sitting there was some relief, but instead of the stitches there was a sensation as of a heavy weight in the lumbodorsal region, somewhat relieved by lying upon the left side, with some increase of the temperature and sensibility of the part affected; on rising and walking about this latter sensation disappeared, while the stitches returned; the pain disappeared at night in the warmth of the bed, but awoke me from sleep about 4 A.M., when it had changed its character, inasmuch that it was now throbbing and almost boring, but persistent in this locality; the origin of the trouble lay in the sacral region, corresponding to the position of the plexus ischiadicus, thence it extended through the incisura ischiadica major towards the hip-joint, down the posterior portion of the thigh into the fossa poplitea*,⁴⁵.—[900.] **Drawing twitching with dull throbbing in the region of the left hip, and in the right loin over the crest of the ilium, towards the buttock*,³⁰.—**Thigh.** Weariness of the thighs; especially perceptible when going upstairs,³⁰.—**The right upper thigh is painful, only when walking, as if the psoas muscle which raises it were too short* (after thirty-two hours),⁵.—Burning and draw-

ing in the muscles of the thighs (fourteenth day),⁵⁰.—Boring in the muscles of the thighs (teuth day),⁵⁰.—*Cramp on the middle of the left thigh* (after three hours).³¹.—A drawing tension in the right thigh,¹.—*Drawing in the inner side of the left thigh, as far as the flank*,⁴¹.—*Drawing in the inner side of the left thigh, the whole afternoon*,⁴¹.—*Drawing in the external condyle of the right femur*, in the elbow, fingers, toes, but especially in the knees, on motion,⁴¹.—[910.] Transient drawing in the left trochanter, followed by drawing pressing in the left metatarsus, and when this ceased, drawing in the teeth, in the forenoon,⁴¹.—Drawing pain on the outside of the right thigh, during which there was a toothache in the left upper molars,⁴⁷.—**Drawing pain in the right thigh, as far down as the knee*, continuing with nearly equal intensity through the next three days,³⁵.—Pressure in the middle of the left thigh,⁴¹.—A great deal of pressure in the muscles of the thighs (sixteenth day),⁵⁰.—Severe pressing pains in the muscles of the thigh, when sitting (twenty-seventh day),⁵⁰.—Burning-pressing pains in the muscles of the right thigh, so that he can only walk with difficulty (fourteenth day),⁵⁰.—Drawing-pressing pains in the muscles of the thighs (twenty-first day),⁵⁰.—Long stitches on the inner side of the left thigh, from the ischiatic tuberosity towards the knee, in the forenoon, when walking; frequently repeated for several minutes,⁴³.—Sticking tearing in the thighs, while sitting and standing,⁸.—[920.] Clucking in the left buttock,³⁰.—**Knee**. Stiffness in the left knee, when sitting, disappearing when walking, yet frequently recurring,³⁹.—Heaviness in both knees; tearing in the left knee, disappearing when walking, in the evening,³⁵.—Tired feeling in the knees, aggravated by sitting (tenth and eleventh days),⁵⁰.—*Continuous pains in the left knee-joint, impeding walking*,³⁷.—Paralytic pain in the knee, when walking, as if the joints were tightly bound,¹.—Painful feeling of tension in the left patella, in the evening; the next day the pain became so considerable that walking was painful; patella hot and somewhat swollen on undressing in the evening, with an indistinct pulsation in the swelling,²⁴.—Troublesome cramp pain in the knee and calves,³⁹.—Drawing in the right knee-joint, in the forenoon, and on this ceasing, *drawing in the right thigh*,⁴¹.—Drawing and feeling of stiffness alternating between the right and left knees, frequently recurring (after half an hour),³⁹.—[930.] Drawing and pressing in the knees and shins (eleventh day),⁵⁰.—Boring in the right knee, at 6 P.M., several times repeated (first day),⁵⁰.—Boring and drawing in the knees (twentieth day),⁵⁰.—Boring and pressing in the knees, when sitting (seventeenth day),⁵⁰.—Drawing in the left popliteal region, as if the tendons were too short, on getting out of bed,⁴⁰.—Towards noon, when walking, drawing and tension in the interior of the right knee-joint, disappearing and recurring several times,³¹.—Drawing pains in the knees (fourteenth day),⁵⁰.—Drawing and pressing pains in the knees, when sitting; with bruised sensation and general malaise (ninth day),⁵⁰.—Frequently repeated pressing in the right knee, in the evening (twenty-second day),⁵⁰.—Pressing pains in the knees and ankle (fourteenth and fifteenth days),⁵⁰.—[940.] Drawing-pressing pains in the knees, when sitting (twenty-first day),⁵⁰.—Sticking in the right patella comes on when walking, and disappears on continuing to walk,³⁵.—Sticking pains, as with needles, in the hollow of the knee, only on motion; they at last became itching sticking,⁵.—Bruised feeling in the knees, when sitting (twenty-second day),⁵⁰.—Pulsation in the left popliteal space,³⁰.—**Leg**. Weakness of the legs as from fatigue,¹.—The legs feel as if asleep,³⁰.—Compressive squeezing around the middle of the left leg, as from a narrow ribbon,³⁰.—*Cramp in*

the legs,¹.—Drawing in the legs and feet (twenty-first day),⁵⁰.—[950.] Drawing in the right leg, when sitting (ninth day),⁵⁰.—During a walk, drawing in the legs, in the knees, bruised sensation; the same symptoms when sitting (sixteenth day),⁵⁰.—Drawing-sticking pain on the outer side of the leg, while walking.⁴⁵.—Itching stitching in the right leg, even on motion,⁵.—Dull stitches in the left leg,³⁰.—Bruised sensation in both legs (ninth day),⁵⁰.—The hitherto painless varices of the legs become painful,⁵.—Tensive pain in the tibiæ, even while sitting,⁸.—Cramp in the museles near the tibia, at night, towards morning, aggravated by bending the knee,¹.—Frequent drawing in the tibia (twelfth to fifteenth day),⁵⁰.—[960.] *Sticking drawing along the left tibia into the ankle-bones, accompanied by burning pressure in the left eye*; these pains disappeared again in five or six minutes, in the evening.³⁷.—Itching stitching in the right tibia, most violent during rest,⁵.—Tearing in the left tibia and ankle, on waking at midnight,³⁰.—Twitching in the right calf, during rest, disappearing on motion,⁵.—*Feeling as if asleep*, longitudinally along the outer side of the right calf, as though in the track of a nerve. This feeling increased in extent, as if the nerve were swollen in its periphery, passed gradually into a dull pressing-constrictive sensation and slowly disappeared. Soon afterwards, the same feeling on the dorsum of the first joint of the great toe of the same side, and a similar but weaker sensation under the nail of the left great toe,³⁰.—* *Cramp in the left calf*,³⁰.—Violent cramp in the calves, especially after coition,¹.—Boring pressing-pinching in the muscles of the calves (sixteenth day),⁵⁰.—Boring and pressing in the calves, when standing (twenty-second to thirty-first day),⁵⁰.—Drawing in the calf and thigh,⁴⁰.—[970.] Drawing in left calf and tibia; the pains are worse and more frequent when sitting (twenty-first day),⁵⁰.—Drawing and burning in the muscles of the calves and thighs, while walking, so that flexure of the lower extremities becomes painful, a symptom several times repeated during the day, and rendering walking difficult (seventeenth day),⁵⁰.—Cramplike drawing in the right calf,²⁷.—Pressing in the calves (twenty-second to thirty-first day),⁵⁰.—A sharp cutting in the left calf, on the inner side, during rest,⁵.—Itching stitching in the right calf, not disappearing on rubbing,⁵.—Stitches in the calves (tenth day),⁵⁰.—*Tearing in the left calf, as far as the heel*,^{28 29}.—Tearing pain at times in the calves, while sitting and standing,⁸.—**Ankles.** Pain in the ankle, coming on when walking in the street, as if from a false step, ceasing when at rest,²⁷.—[980.] Drawing in right ankle (eleventh day),⁵⁰.—Drawing in the right ankle towards the internal malleolus,⁴⁰.—Pressure and tearing in the ankle, while sitting,⁸.—Pressing and drawing in the right ankle (ninth day),⁵⁰.—Severe pressing in the left ankle (tenth day),⁵⁰.—Boring pressing in the ankles, during walking, neither originating in nor increased by walking, but felt just the same when sitting (sixteenth day),⁵⁰.—Tearing-sticking pain about the right internal malleolus,²⁷.—Stitches in the ankle,²⁷.—**Foot.** *Increase in size of both feet*, so that all his boots were too small in the instep,³⁸.—Trembling of the feet, as after great fright, with shaking chill,³.—[990.] Feeling of numbness, swelling, and heat in the left foot, which gradually encroaches on the whole leg, with itching and tickling, and lasts for a considerable time,³⁰.—*The left foot goes to sleep*, even during rest,⁴⁵.—Sensation as if the left foot would go to sleep, evening, when sitting,⁶.—*As the sensation (as if asleep) in the left foot began to decrease, the same feeling came on in the right*,³⁰.—*Falling asleep of the feet and knee-joints*, when stooping down, so that it was troublesome to get up again, in the evening,³⁵.—* *Drawing aching in the left foot*,³⁷.—Feeling of burning in

the left foot along the tibia (when walking),³⁵.—Boring and drawing in the joints and dorsum of the foot, when walking, frequently repeated (twenty-fourth day),⁵⁰.—Gnawing-pressing pain in the inner ball of the left foot, in the evening,⁴².—Sticking-cutting pain in the right foot, as if a nail were driven through,³⁷.—[1000.] Drawing sticking in the joints of both feet, lasting for a minute, often recurring, and not interfering with walking; it becomes worse after coffee and wine, and is accompanied by boring pain in the bones of the lower limbs; these pains continued the whole day, with inconsiderable remissions, but in diminished intensity. The upper extremities are similarly affected, in the afternoon,³⁷.—Frequently recurring tearing in the right metatarsus, towards the great toe-joint, in the evening,⁴⁰.—Constrictive pressing in the dorsum and ankle of the left foot, and in the right upper arm,³⁰.—A constant, dull, pressing, cramplike pain, as if in the periosteum, on the dorsum of the right foot, in the scaphoid and internal cuneiform bones; the skin was not discolored or tense over the painful spot; a swelling on the right edge of the tarsus, soft, pale, painless, clearly circumscribed, and as large as a pigeon's egg, appearing like a common lymphatic tumor, lasting six months; the same pain in the left foot as in the right, and in the same spot; sometimes, also, in the second joint of the great toe, but less severe, and accompanied by no swelling,³⁸.—While writing he perceived in the dorsum of the right foot, more on the left side towards the great toe, a painful pressure, with slight numbness of the right leg (after one hour); the whole was less perceptible when walking, and spontaneously disappeared (after a quarter of an hour),³⁸.—Transitory stitches in the dorsum of the right foot, foot-joint, and left great toe,³⁶.—Itching-boring stitch on the back of the right foot, most violent during rest,⁵.—Tearing pain in the dorsa of the feet (eleventh day),⁵⁰.—Violent tearing on the back of the left foot,⁶.—Twitching pains in the dorsa of both feet towards the tibia, when walking in the street,⁴².—[1010.] Drawing in the soles (seventeenth day),⁵⁰.—Transient stitches along the external border of the left sole,²⁷.—Tearing in the sole of the right foot, most severe during rest,⁵.—Tearing in the periosteum of the heel,¹.—*Toes*. Very remarkable feeling of stiffness in the left great toe,²⁴.—Pain in the right second toe and knees, alternately appearing and disappearing for almost four hours,³⁹.—Boring in the right toes (eleventh day),⁵⁰.—Boring in the joints of the toes, then in the shoulders (thirteenth to fifteenth day),⁵⁰.—Threatening of cramp pain, alternately in the right second toe, and in both knees, with feeling of stiffness,³⁹.—Cramp pain in the second toe of the right foot, extending towards the metatarsus (after two hours),³⁹.—[1020.] Sudden cramp pain in the right great toe, in the evening, extending toward the metatarsus; waking accidentally in the night, he found the whole right foot, especially the metatarsus, swollen; this continued the whole of the next day, but was only painful when stepping on it, or making strong pressure,³⁹.—Drawing in the right toes (tenth day),⁵⁰.—Pressing on the right great toe, lasting nearly all day, most perceptible during rest,⁴¹.—Pressing in some of the toes, and in the calves, in the afternoon,⁴¹.—Pressing in the posterior joint of the left great toe, as if the boot were too tight, only perceived when quietly seated, disappearing when walking about; throbbing in the same spot, likewise vanishing on motion; heaviness of the feet, most troublesome in the forenoon, as though he had made a great journey on foot; constant sensation in both feet, when sitting, especially in the left, as if they were going to sleep,⁴⁰.—Pressure in the posterior joint of the right great toe, when moving about, lasting all the evening,⁴¹.—The sensations of pressure and drawing

in the posterior joint of the right great toe and ankle and knee-joints, as well as in the left hip, returned in short paroxysms, especially when walking about,⁴¹.—Frequent stitches, as with needles, on and below the nails of the toes (twenty-sixth day),⁵⁰.—Sprained feeling in all the toes of the left foot, when going upstairs, in the evening,⁴⁰.—Tearing pain under the nail of the left great toe,¹.

General Symptoms.—Objective. [1030.] Entire relaxation, to a most remarkable degree, for a whole hour, during which he was entirely unfitted for either bodily or mental labor,³¹.—*Unusual inclination of the muscles of all parts of the body to become painfully cramped*,¹.—This remedy seems to increase the mucous secretions to a considerable degree,⁴⁷.—Lassitude in the afternoon,³⁸.—In the afternoon, great lassitude (perhaps from the warm weather),⁴⁹.—Great lassitude towards evening,⁴⁸.—*General lassitude, and painful weariness in the small of the back*,³⁵.—Towards 5 P.M., universal lassitude, with chills, violent thirst, and accelerated pulse; this febrile excitement lasted for about half an hour,⁴¹.—Weakness for several days,⁴³.—Weakness, fulness, prostration all day long, probably in consequence of the diarrhœa (although there were only two motions during the day); they were, however, quite watery,⁴⁹.—[1040.] Great weakness and relaxation,³⁹.—Great weakness on going out,²⁵.—He was very weak in the evening,²⁷.—Great debility and weariness,³⁹.—Very much debilitated, but only when at rest,⁴¹.—Strength completely prostrated,¹².—Faintness,²¹.—Faintness, with coldness of external parts,¹¹.—Deathly faintness,¹².—**Subjective.** He became exceedingly sensitive to the damp weather,³⁰.—[1050.] Severe action on the muscles and sinews,⁵⁰.—Disinclined to exertion of either body or mind, even to visiting his nearest friend,³¹.—*Lazy, gloomy, and listless, almost pusillanimous*,⁴⁸.—Unfitness for every occupation in the evening,³⁵.—Unusual weariness,⁴⁷.—He felt very weak and debilitated in the evening before going to sleep, and also on waking the next morning, but it soon disappeared on moving about,⁴⁰.—*Sensation as if all his strength was failing*, when walking in the evening,⁵⁷.—Felt faint, tired, and weak the whole day,⁵¹.—Some symptoms similar to syncope, but I was always able to check their progress by holding the hand before the eyes,⁴⁸.—Uneasiness throughout the body, especially in the digestive organs, in the afternoon (second day),⁴⁶.—[1060.] Discomfort; he desires and demands much,².—Discomfort and weakness of the whole body, especially of the lower limbs, in the evening,³⁶.—Pains all over, jumping from point to point, and changing quickly from one kind to another (twenty-second and thirty-first days),⁵⁰.—Drawing in the legs, ankles, shoulders, forehead, in the muscles of the thighs, in the wrists, knees, migrating and quickly changing its location, after rising (sixteenth day),⁵⁰.—Transient drawing in the posterior joint of the left thumb and right great toe, in the right knee, and on the left side of the neck, especially when turning the head,⁴⁰.—Sticking-drawing pains, now here, now there, in the morning soon after waking,³⁰.—Transient sensation of pressure in different parts of the body, especially in the posterior joint of the right middle finger and right great toe,⁴⁰.—Sticking pressure in various parts of the body,³⁰.—Internal oppressed sensation towards evening,⁴⁹.—Transient stitches, drawings, itching, burning, biting in various parts of the body,⁴³.—[1070.] Tearing stitches in the whole body lengthwise, the head, back, abdomen, and limbs,⁶.—Feels bruised and tired (tenth day),⁵⁰.—Sometimes a sensation of general contusion, with tired feelings, passing off during a walk (twenty-seventh day),⁵⁰.—Pulsation in the whole body, most perceptible in the back and

left side of the chest,³⁰.—While lying still he feels the beating of the heart and bloodvessels through the whole body,⁸.—All pains frequently repeated during the day, and are worse when sitting than during motion (eleventh day),⁵⁰.—All the pains frequently repeat, jump from one part to another, remain nowhere very long, but return easily to the affected part; cold or heat appears to be without any influence to increase or diminish them (twelfth day),⁵⁰.—During the whole day the pains wander about, especially when sitting, but some of them appear only when walking, as the very painful drawing in the muscles of the calves and thighs, preventing motion (seventeenth day),⁵⁰.—*Each time after taking the medicine, he perceived a remarkable aggravation*,²⁴.—It was particularly observed that the symptoms appeared in groups, and were aggravated in the evening and during rest,³⁰.—[1080.] Pains frequently repeated, at 5 P.M. (first day),⁵⁰.—The sitting posture was easy, and ameliorated all the pains,³¹.—Symptoms somewhat ameliorated while walking, but always perceived in the evening after considerable exertion, and connected with indescribable weariness in the lower extremities,³⁸.—Heat or cold atmospheric changes made no difference in the increase or decrease of pain,⁵⁰.—All symptoms disappeared gradually just as they appeared,⁴⁸.

Skin.—Objective. Desquamation of the skin of the whole body,¹⁶.†—(Spontaneous bleeding of a liver-spot on the upper lip),⁴⁷.—**Eruptions, Dry.** White pimples on the face, especially between the eye and ear, on the forehead and chin, with some twinging when not touched, and biting pain when touched (after four hours),⁶.—Eruption of pimples on the left cheek on touch; there is biting pain, and after scratching a watery oozing (after four hours and a half),⁶.—**Eruptions, Pustular.** [Itchlike eruption],¹³.—[1090.] Small ulcers, with itching and burning,⁴⁹.—A pustule on the left corner of the mouth (after two hours),⁶.—I observed several days since on the skin of the left upper arm a small vesicle filled with pus (my skin is usually remarkably free from eruptions), in the beginning without any pain; it is now surrounded by a red hot border, burns even when not touched, and is painful on motion; the swelling of the upper arm increases, becomes redder and more painful, with drawing in the whole arm (eighteenth day); the swelling is harder, larger, and more painful, extending upwards to the axilla, and down to the fingers; during the night the pains in the furuncle keep me awake (twentieth day); the furuncle begins to ripen, with increase of pains all over the arm (twenty-first day); it begins to discharge some pus (twenty-second day); is in full suppuration (twenty-fifth day),⁵⁰.—A furuncular eruption made its appearance on the face, and three days afterwards another on the back; both disappeared in a few days,²³.—Several little boils appeared on the ulnar side of both hands, and a styne on the left eye, which followed the usual course to suppuration,⁴².—Three small boils on the left side of the neck, with burning pains, and a larger one at the lower angle of the left scapula,⁴¹.—**Subjective.** Prickling and crawling on different parts of the body,³⁰.—Itching in various parts of the body, obliging him to scratch,³⁶.—Itching in different spots, especially on the left side of the body, which smart like burning points,³⁰.—Itching, inducing scratching, in various places, most frequently on the scalp,⁴⁰.—[1100.] [Itching as after profuse sweat in the morning on waking and after rising on the whole body, especially on the chest and abdomen (after twenty-six hours)],⁶.—

† During convalescence.—HUGHES.

Itching in various places in the skin, exciting constant restlessness, so that he can scarcely remain seated,³⁷.—[Severe itching in the afternoon and evening followed by sweat],¹³.—Biting itching here and there, in the evening, in bed, which was only transiently relieved by scratching; at last it changed to a kind of uneasiness, whereby the limbs must be constantly moved, without being able to sleep (after thirty-two hours),¹.—Burning in the skin of the calves, more on the right side (tenth day),⁵⁰.—Fine sticking in the skin of the back of the hand,³⁰.—Crawling and creeping as from insects in the skin of the left side of the chest and abdomen,⁴.—Itching in the face,⁴⁷.—Violent itching on the abdomen in the umbilical region, for half an hour in the evening,⁴¹.—Violent itching in the hollow of the left knee, obliging him to scratch, with biting after scratching (after fourteen hours),⁶.—[1110.] Transitory tickling itching on the thigh, and the same repeatedly in the face, shoulders, flanks, as well as on the tip of the glans penis, with urging to urinate,³⁰.—Tickling itching on the right arm, disappearing on scratching,³⁰.—Tickling itching in the left gluteal muscle while sitting (after a quarter of an hour),⁴.

Sleep and Dreams.—Sleepiness. Yawning,³⁰.—Frequent yawning,³⁰.—Spasmodic yawnings constantly return,³¹.—Sleepiness and disinclination for mental labor,⁵.—Early sleepiness, while reading an interesting work,³⁰.—Extreme sleepiness at noon,³⁷.—Overpowering sleepiness, with inclination to lie down, but during rest constant uneasiness of the limbs, especially of the legs,¹.—[1120.] Heavy sleep, full of dreams,³⁸.—Sleep not very quiet,⁴⁶.—During sleep, he almost always lies on his back, with one hand under the occiput and the other arm over the head,¹.—**Sleeplessness.** Great sleeplessness,⁴⁹.—Loss of sleep the whole night; thoughts and plans about his occupations and business relations keep him quiet and dispassionate,¹.—Great restlessness during the night,³².—Restless at night, and horrible exciting dreams,⁴².—Restless sleep after midnight, with vivid, troublesome dreams,³⁵.—Restless sleep, often interrupted by vivid dreams; he found himself perspiring every time he woke,⁴⁰.—Restless sleep at night, vivid dreams, frequent waking, apparently produced by the continual painfulness of the umbilical region,⁴².—[1130.] Extremely restless sleep, with vivid, senseless dreams,³⁵.—Uneasy sleep, tossing from side to side,⁴.—Tossing about in bed,³⁵.—Sleep disturbed by frequent waking,³⁰.—Waking almost every half hour at night,⁴⁰.—**Dreams.** Sleep at night disturbed by many dreams,⁶.—Numerous and various dreams,⁴.—Night's rest interrupted by vivid dreams and frequent waking, when he always found himself upon his back,⁴⁰.—Sleep interrupted by vivid dreams and frequent calls to urinate,³³.—Very vivid but not anxious dreams, which so increase in vividness that he is awakened by them,¹.—[1140.] A succession of light, imaginative, pleasant dreams at night,³¹.—Dreams full of difficult thought and mental exertion,¹.—Voluptuous dreams, without emission, disturbing sleep,⁶.—Voluptuous dreams and emissions,⁴.—During a restless dozing, voluptuous dreams and a pollution, during which he awoke, before midnight,³⁰.—Lascivious dreams, with intractable erections, without emissions,⁵.—Lascivious dreams, with emissions, without erections, while lying upon the back,⁵.—Vivid anxious dreams,¹.

Fever.—Chilliness. Chilliness after eating, especially in the upper arms, as in the commencement of a catarrh,³⁰.—Uncomfortably chilly,²⁷.—[1150.] Violent chill,³.—Coldness of the body,¹.—Internal coldness, with external heat,⁵³.—*Feeling of coldness in the whole body,³⁵.—Feeling of coldness over the whole body, especially in the knees, notwithstanding the knees

were warm enough.³⁶—Feeling of coldness in the whole body, succeeded by heat without thirst.³⁴—Shivering through the whole body, in the morning after rising, with cold hands, heat of the face and rest of the body, without thirst (after half an hour).⁶—Cold extremities.⁵⁴—Icy-cold hands, in the evening, with warm feet.¹—Feeling of coldness in the abdomen.²⁶—[1160.] Cold feeling in the upper arms, as if after taking cold, returning several evenings in succession.⁴¹—Sensation of coldness in the knees, though they were warm.¹—Icy-cold sensation of the soles of the feet, although they are not cold.¹—**Heat.** Diffusion of a genial warmth, which seemed to deprive the limbs of strength.³¹—Sudden flushes of warmth over the whole body, without thirst.⁸—Once when he awoke in the night, he felt an unusual warmth over the whole body, but especially in the lower limbs.³⁰—*Heat, especially in the upper part of the body.³⁰—Febrile heat.¹¹—Sensation of heat within the whole body, which is also externally warm to the touch.⁴—General hot flush, especially in the face, with sweat on the forehead.³⁰—[1170.] Alternation of heat and cold, and there was always perspiration, which went off for moments and then returned, without my experiencing any great changes of temperature.⁴⁸—Warmth of the face, in the morning after rising, with icy coldness of the hands and tips of the fingers.⁶—Pleasant feeling of warmth in the abdomen, which constantly increases, and ends in griping, but disappears while walking, with sweat upon the chest and abdomen.³⁰—Heat in the head, which continued two or three days.³⁷—Feeling of heat in the nape of the neck.³⁶—Violent feeling of heat rising from the abdomen towards the chest.³⁰—**Sweat.** Night-sweat.³—*Profuse sweat over the whole body towards morning, for several nights.*⁴²—On walking, a warm moisture overspread the whole body, and he became very weak.³¹—A slight exertion in walking fatigued him, and produced a gentle perspiration, which made his limbs feel weak, and ended in sweat; if he stood still, the air, though far from raw, struck through him, in spite of his being warmly clothed, like a cold creeping.³¹—[1180.] Profuse perspiration towards morning.⁴²—Sweat on the lower legs, in the morning, on waking.⁶—At night, profuse sweat of the head, hands, legs, and feet, of a urinous odor.¹—Greasy sweat on the forehead and chest.⁵⁴—Warm perspiration over his whole face.³¹

Conditions.—**Aggravation.**—(*Morning*); The symptoms; dulness, etc.; soon after breakfast, when walking rapidly, symptoms of vertigo; early, dulness of head; early, in bed, headache; at about 8 o'clock, headache, etc; after rising, pain in forehead; *early, headache in temples*; early, mist before eyes; coryza; empty eructations; pain in stomach; soon after rising, colic, etc.; early, in bed, rumbling in abdomen; abdomen felt eaved in, etc.; on waking, colic, etc.; whistling in chest; after rising, pains in wrists, etc.; after rising, pressure in joints; drawing, etc., in shoulder-joint; pains in forearm; after rising, drawing in legs, etc.; soon after waking, pains here and there; on waking, and after rising, itching; after rising, shivering, etc.; after rising, warmth of face, etc.; on waking, sweat of legs.—(*Forenoon*), At 10 o'clock, shimmering before eye; at 10 o'clock, boring in maxilla; towards noon, sensation of nausea; *feeling in gastric region*; towards noon, *movements in abdomen, etc.*; towards noon, *cutting through abdomen*; after moving about, colic; towards noon, when walking, symptoms of colic; towards 11 o'clock, burning on right chest; pain in right chest; drawing in trochanter; when walking, stitches on thigh; drawing in knee-joint, etc.; towards noon, when walking, drawing, etc., in knee-joint; heaviness of feet.—(*Noon*), Pain in middle finger; sleepiness.—(*Afternoon*),

Commencing about 1 o'clock, all symptoms, especially colic, fever, etc.; *confusion of head*, etc.; toward evening, heaviness, etc., in forehead; at 1 o'clock, pain in left forehead; at 2 o'clock, boring in temple; pain in all teeth; towards evening, aversion to food, etc.; towards evening, griping in epigastric region; at 4 o'clock, abdominal pains; at 4 o'clock, griping in umbilical region; sensitiveness in abdomen; *pain in groin*, etc.; twitching, etc.; towards evening, sensitiveness of larynx; pressure, etc., on chest; towards evening, stitches in side; stitches in right chest; towards evening, drawing in limbs; aching in shoulders; towards evening, pains in lower extremities; *drawing in thigh*; about 6 o'clock, boring in knees; pressing in toes, etc.; *lassitude*; towards 5 o'clock, universal lassitude; uneasiness; towards evening, oppressed sensation; at 5 o'clock, pains frequently repeated.—(*Evening*), *The symptoms*; on sitting down, vertigo; *headache*; tearing in forehead; boring in temple; feeling in eyes; boring in maxilla; loss of appetite; at 10 o'clock, during a walk, after supper, pain in pit of stomach; pains about navel; movements in abdomen; pain in bowels; pain on thorax; *oppression of chest*, etc.; towards 8 o'clock, oppression of heart; on going to bed, stitches in cardiac region; lassitude, etc.; pains in wrists, etc.; at 9 o'clock, pains in joints; stitches in humeri; tearing in knee; pressing in knee; drawing along tibia; when sitting, sensation in foot; pain in foot; tearing in metatarsus; when going upstairs, feeling in toes; *weakness*; unfitness for occupation; when walking, sensation of failing strength; discomfort, etc.; in bed, itching; itching on abdomen; cold hands; cold feeling in upper arm.—(*Night*), *Cramp in stomach*; *umbilical region painful*; towards morning, rumbling in abdomen, etc.; *colic*, etc.; prepuce drawn back; cough; dyspnœa; when lying in bed, drawing in shoulder; towards morning, cramp in leg; *sweat*; towards morning, palpitation.—(*Before midnight*), *Oppression of chest*.—(*Midnight*), On waking, tearing in tibia, etc.—(*After midnight*), On waking, as he lay on right side, pressure, etc., in left side of forehead.—(*Open air*), *Coryza*.—(*Walking in open air*), *Weakness of all limbs*, etc.—(*Ascending stairs*), *Weariness of thighs*.—(*Beer*), *Headache*; bitter taste in mouth.—(*Bending forward*), *Pain of head*, etc.; sensitiveness of head, etc.; *pressure in eyeballs*; *aching in forehead*; pain in lower abdomen.—(*Bowing head*), *Painfulness of head*, etc.—(*After breakfast*), *Immediately, rising of liquid*.—(*Coffee*), *Sticking in joints of feet*.—(*Coition*), *Cramp in calves*.—(*After dinner*), *Confusion of head*; almost giddy; feeling in head; insipid taste; stomachache; stitches in hepatic region, etc.; *sensation in umbilical region*; immediately, pain in the umbilicus; colic, etc., about navel; movements in bowels, etc.; immediately, rumbling in abdomen; *discharge of flatus*, etc.; *pain in abdomen*; aching in hypogastrium; cutting in lower abdomen, etc.; pappy stool, etc.—(*Eating*), *Eruetation*; sensation in epigastric region; cutting in umbilical region, etc.; pain in abdomen, etc.; pressure in intestines; cutting in abdomen; colic.—(*Eating fruit*), *Griping around the navel*.—(*On getting out of bed*), *Drawing in popliteal region*; pain in umbilical region; cutting in abdomen; oppression of chest; sticking in chest; stitches beneath scapula.—(*On going out*), *Weakness*.—(*On intellectual exertion*), *Feeling in all limbs*.—(*Loud laughing*), *Pain in umbilical region*.—(*Lifting*), *Sticking in umbilical region*.—(*Lying on left side*), *Sensation in lumbo-dorsal region*.—(*Lying on back*), *Headache in forehead*; *sticking in loin*.—(*After meals*), *Griping in epigastric region*.—(*Motion*), *Drawing in femur*, etc.; pain in hollow of knee.—(*Moving head*), *Headache along sagittal suture*; headache.—(*Moving upper eyelid*), *Pain through brain*.—(*Potatoes*), *Colic*, etc.—(*Pressure*), *Pain*

in groin.—(*Rest*), *All symptoms*; cutting in eyelid; pain in cheeks; pain in scapula; *drawing in joints*; pains in arms; sticking in bend of elbow; pains in palms; twitching in calf; cutting in calf; stitching on back of foot; tearing in sole; pressing on great toe; debility.—(*On rising up*), Empty eructations.—(*On rising from stool*), Eructations.—(*Every shock*), Pain from upper abdomen.—(*Sitting*), The symptoms; throbbing in lumbar region; drawing, etc., in joints; sensation in knees, etc.; pressing in shoulders; pains in wrists; pains in lower extremities; pains in muscles of thigh; stiffness in knee; feeling in knees; boring, etc., in knees; drawing, etc., pains in knees; bruised feeling in knees; drawing in legs, etc.; drawing in calf, etc.; pressure, etc., in ankle; sensation in feet; all pains; itching on gluteal muscles.—(*When standing*), Boring, etc., in calves.—(*After stool*), Gripping, etc., in umbilical region.—(*Stooping*), Headache along sagittal suture; *headache in forehead*.—(*Stooping while sitting*), Pressure in intestines; oppression of chest, etc.—(*After supper*), Abdomen full, etc.; abdominal pains.—(*Treading*), Pain in temple.—(*Turning head*), Painfulness of head, etc.—(*On suddenly turning head*), Vertigo.—(*Urinating*), *Sensation in temple*.—(*Walking*), Drawing, etc., in head; pains in forehead; *sensation in temple*; sensation about navel; *pain in umbilical region*; colic; discharge of flatulence; *pain in bowels*; gripping, etc., in bowels; *colic*; painfulness of abdominal integuments; cutting in lower abdomen; pain in lower abdomen; stitches in upper chest; sensation in chest; drawing in extremities; pain in leg; drawing in muscles of calves, etc.; *pains in feet*; pains on dorsa of feet; sensation in great toe, etc.—(*Wine*), Sticking in joints of feet.

Amelioration.—(*Evening*), On getting warm in bed, cutting in abdomen.—(*Night*), The pains.—(*Violent agitation of body*), Colic; gripping in intestines.—(*Open air*), Sensitiveness of head, etc.—(*Walking in open air*), Headache; drawing in upper arm.—(*Beer*), Pains in lower extremities.—(*Bending forward*), *Pain in bowels*.—(*Black coffee*), After dinner, some of the symptoms.—(*Becoming erect*), Twitches in intercostal muscles.—(*Movement*), Pain in cervical muscles; pain in sacrum; pain in toes.—(*Pressure*), Pain in abdomen; constriction of viscera.—(*Rest*), Pain in ankle; *pressure, etc., in leg*.—(*Rolling about*), Gripping in intestines.—(*Sitting*), *Sensation in temple*; stitches in hip; all pains.—(*Sitting up and moving head*), Headache.—(*Smoking*), Colic pains.—(*Standing still*), Colic.—(*Touch*), Stitches in temple.—(*Walking*), Stiffness in knee; tearing in knee; contused sensation, etc.; the symptoms; feeling of warmth in abdomen.

COLLINSONIA.

Collinsonia Canadensis, L.

Natural order, Labiatae. *Common names*, Horsebalm, Richweed, Stoneroot.

Preparation, Tincture of root "and plant" (Hale).

Authority, Burt, proving with half an ounce of 3d dec. (twice), and afterwards with 20 drops of tincture, Hale's New Remedies, 2d ed.

Head.—Dull frontal headache, with frequent rheumatic pains in the arms, hands, and legs (after three hours).—Dull frontal headache, with frequent flying pains in the legs (second day).—Dull frontal headache, with tearing pains in both knees, passing down the inside of the legs to the feet, while sitting (after one hour).—Dull pain over the eyes, with pressing pain in the right temple (after half an hour).

Nose.—Dryness of the nostrils, with frequent sharp pains in the right temple, and dull aching distress in the stomach and bowels (after four hours).

Face.—Face quite yellow around the eyes (second morning).—Neuralgic pains in the superior maxillary bone when in the open air (after one hour).

Mouth.—Tongue coated yellow along the centre and base, with a rough, bitter taste in the mouth (second morning).

Stomach.—Nausea while sitting, with cutting pains every few minutes in the whole hypogastrium (second day).—[10.] Slight nausea, with distress in the stomach and bowels (second day).—Severe nausea, with hard cutting pains in hypogastrium, and frequent emissions of flatus from the anus; lasted one hour, when I went to sleep (after four hours).—Sharp cutting pains in the stomach for five minutes, while sitting down (after five hours).

Abdomen.—**Hypochondria.** Dull distress in the right hypochondrium (second day).—**Umbilical.** Distress in the umbilicus, with eructations of air (after half an hour).—Dull pains in the umbilicus for five minutes, at 10 P.M. (third day).—**Hypogastrium.** Great pain in the hypogastrium and desire for stool (second morning).—*Cutting pains in the hypogastric region every ten or fifteen minutes; the pains were so hard that I was compelled to sit down each time, and became very faint (second morning).—All the afternoon and evening had cutting pains in the hypogastrium every half hour to one hour, that would last from two to five minutes at a time (second day).—Cutting pains in the hypogastrium, with stool of bilious matter, mucus streaked with blood, and tenesmus, at 2 P.M. (second day).—[20.] Awoke twice in the night with sharp cutting pains in the hypogastrium, and again at 4 A.M. with same pains and great desire for stool (first night).

Stool.—**Diarrhœa.** Mushy stool at 8 A.M. (fourth day).—Papescent stool at 7 P.M., preceded by dull pains in the small intestines (third day).—Stool of bile, mucus, and yellow matter, accompanied by severe tenesmus, and followed by hard, cutting pains in the bowels (second morning).—Stool of yellow fecal matter, mucus, and about one teaspoonful of blood, with tenesmus, and followed by sharp, cutting pains in the hypogastrium for fifteen minutes, in the morning; 10 A.M., small stool of mucus and blood, with tenesmus, preceded and followed by sharp cutting pains in the hypogastrium; 12 M., stool of bilious matter, mucus, and blood, with the same symptoms as the last stool.—Stool first part hard and lumpy, last part ran from bowels thin as milk, with severe pains in the hypogastrium, accompanied with straining, severe nausea, and fainting. The pains continued fifteen minutes, when there followed another copious watery stool, with the same symptoms as the first (second morning).—**Constipation.** Constipation for two days, with a feeling of great languor.—*Light-colored, lumpy stool, with hard straining, followed by dull pains in the anus and hypogastrium for half an hour (after two hours).—No stools (second and third days).—No stools for three days (after fourth day).

Urinary Organs.—[30.] Urine high-colored and scanty (second day).

General Symptoms.—Great lassitude, with desire to sleep all day (second and third days).—Feeling weak (second day).—Feeling very weak and faint (second morning).

Conditions.—**Aggravation.**—(Afternoon and evening), Pains in hyp-

ogastrium.—(*In open air*), Pains in maxillary bone.—(*While sitting*), Nausea, etc.; pains in stomach.

COMOCLADIA.

Comocladia dentata, Jacq.

Natural order, Anacardiaceæ. *Common name*, Guao.

Preparation, Tincture of the leaves and bark.

Authorities. 1, (J. G. Houard, *Phil. J. of Hom.*, 4, 74), Otto's proving with 1 to 4 drops of tincture; 2, Miss J., aged 18, took 4 drops, afterward 3 drops; 3, Mr. G., aged 21, took pellets of the 1st, and afterward of the 2d dil.; 4, same, took 2 and 3 drops of tincture; 5, Otto, effects of juice applied to the skin; 6, Navarro, general effects of application of juice to skin, *Am. Hom. Rev.*, 3, 420; 7, Dr. Humphreys's provings (while Professor in Philadelphia) with the 2d cent. dil.; from unpublished MSS. furnished by him for this work.

Mind.—(Self-complacent thoughts and contempt of others)?; (after three hours and a half),⁷.—Combative, vindictive disposition all the week, and contempt for opponents (sixth day),⁷.

Head.—**Confusion and Vertigo**. Head only somewhat confused, muddy (third day),⁷.—At times feels dizzy,³.—**General Head**. Heaviness of the head, in the morning (second day),².—The head feels very heavy and large (first day),².—Severe pain at intervals, extending from the posterior portion of both eyeballs through the head to just below the occipital protuberance, with sensation of pressure on the superior surface of the eyeballs, seeming to move the eye downward and outward (sixth day); this pressing and rolling sensation was felt more or less during the last two days,¹.—Violent pain extending from the posterior portion of the right eye through the head to the occipital protuberance, with great soreness in the eyeball, very profuse lachrymation, and sensation as if the eye were as large as two eyes, continuing an hour until she fell asleep (sixth day),².—Cannot describe the headache (first day),².—Stupefying throbbing headache (from merely passing by, in the shadow of the tree),⁶.—[10.] The head feels worst near the warm stove, and when stooping it is almost impossible to hold the head down, relieved by being in the open air (first day),².—**Forehead**. The head feels heavier about the forehead and eyes (first day),².—On sitting down, pain and pressure deep in the anterior portion of the brain (after one hour),⁷.—Severe pain, deep in the brain over the right eye, lasting but a moment (fifth day),⁷.—**Temples**. Quite a severe pain in the right temporal region for some minutes (after three hours and a half),⁷.—Pressing pains in the right temple for a few minutes, at 1 P.M. (seventh day),⁷.—Severe pressing pain in the temporal region, soon passing off (after ten minutes),⁷.—Shooting pain through the left temple, recurring at intervals for three hours, and at times for several days,³.—**Sides**. Frequent returns of pains in the right side of the head (after nine hours and a half),⁷.—Pressing constrictive feeling in both sides of the head as if they were pressed together (after three hours and a half),⁷.—[20.] Compressive headache from the sides of the head (eleventh day),⁷.—**Occiput**. Sharp pain in the occiput extending down the neck (after twelve hours),⁷.—**External Head**. Itching of the scalp, mostly the superior left parietal region, exciting one to scratch it (after ten minutes),⁷.—**Eye**.—**Objective**. Eyes look dull and glassy; vessels congested; lids

red, swollen, and inflamed (fifth day),¹.—**The eyes feel very heavy, larger than usual, painful and pressing out of the head, as if something was pressing on the top of the eyeballs, moving them downward and outward* (first day),².—***Right eye very painful, feeling much larger and more protruded than the left**, at 3 or 4 P.M. (fifth day),¹.—Aching soreness in the eyeballs, which increases in severity during the evening, sometimes making him very dizzy, lasting from 4 or 5 P.M. till 10, aggravated by looking at a lighted candle and by motion; stooping or moving the head causes flow of tears (third day),³.—Catarrhal symptoms in the head; eyes seem sore, with more or less lachrymation, attributed to a cold, at 4 or 5 o'clock, and continuing through the evening (fourth day),¹.—Looking at a lighted candle makes the eyes more painful, and causes profuse lachrymation (first day),².—Eyes were aggravated by moving the head, by reading, by looking at a lighted candle and bright objects (sixth day),¹.—[30.] **The eyes feel more painful when near the warm stove*; with profuse lachrymation also when stooping (all this time the eyeballs are very sore, the right worse than the left), (first day),².—Eyes were relieved by sitting quietly before a wood fire on the hearth (sixth day),¹.—The right eye worse than the left during the day, in the evening *vice versa* (sixth day),¹.—Left eye worse than the right towards and during the evening (fifth day),¹.—**Lids**. Fine stitches in the external canthus of left eye, about 8.30 P.M.; these stitches seem to resemble very fine needles (about half an inch long), and moved rapidly from below upward, lasting only a few seconds (tenth day),¹.—Slight itching at external angle of the right eye, then at the lower border of the left eye (after ten minutes),⁷.—**Lachrymal Apparatus**. More or less lachrymation for some time, worse in the open air (sixth day),¹.—Profuse lachrymation during the day, worse in the open air (fifth day),¹.—**Ball**. **Right eyeball very sore, worse on moving the eye*; at 6 A.M. (fifth day),¹.—**Eyeballs feel worse on moving them* (first day),².—**Vision**. [40.] On rising from bed everything looked dark,³.

Ear.—Dulness of hearing,³.—Slight ringing in the ears and sensation of giddiness (after three hours and a half),⁷.

Face.—*Face most dreadfully swollen, my eyes projecting far out of their sockets, and I could see only a faint glimmer of light with the left*,⁵.—*A painful burning on my face and arms, and particularly about my eyes*,⁵.—Face around the eyes felt swollen, at 6 A.M., very much puffed just below the superior tarsal cartilage in the afternoon (fifth day),¹.—Sensation as if the skin was puckered or drawn up from the face, and about the nose, rendering me slightly dizzy (after ten minutes),⁷.—**Lips**. Inferior lip blistered and swollen,³.—The lips have been dry and chapped for three or four days, at 9 P.M. (eighth day),⁷.—The lips remained dry or chapped, often bleeding, for several weeks, a circumstance without precedent in my history,⁷.—**Jaw**. [50.] Slight pain in the lower jaw from the ears (after nine hours and a half),⁷.

Mouth.—**Teeth**. Sensation as if all the molar teeth on right side were loose, about 4.30 P.M., lasting thirty minutes (eighth day),¹.—Aching in the bodies of all the teeth, lasting a minute, but returning every five minutes; which intermittent aching continued for half an hour (second day),².—Aching in a middle molar tooth of the upper jaw of the right side (the molar tooth immediately below it is carious, or in popular language hollow); at 12 M. it increases and becomes of a twitching character, that is, a sensation as if the tooth was drawing out of its socket or alveoli, putting the nerve on the stretch, and suddenly pressing into the socket again, the

pain shooting up to the temple of the same side; the tooth felt about an inch and a half long, and lasted till 3 P.M., relieved by pressing on the jaw with the hand, and by holding the affected side close to a hot stove; aggravated by holding cold water in the mouth (first day),².—Sore pulsating pain in the body of the middle molar tooth of the right upper jaw (this tooth is perfectly sound), lasting half an hour, and then relieved by holding the right side of the face to a hot stove, at 6.30 P.M. (thirteenth day),¹.—**Gum.** The gum of a carious tooth is swollen (ninth day),¹.—Steady aching and soreness of the gum and root of the middle molar tooth of the right lower jaw; this aching continued until I went to sleep (9.30 P.M.); relieved by holding the right side of the face to a warm stove, or very hot wood fire; holding cold water in the mouth produced no change (ninth day),¹.†—**Tongue.** Tongue coated in the morning, dirty yellow coating, which is easily removed,³.—Tongue like a chip, with burning and swelling of the lower lip, which remains chapped (eleventh day),⁷.—Tongue feels burnt (eleventh day),⁷.—[60.] Tongue has still the burnt sensation, and more smooth and red on the tip than usual (third day),¹.—Severe burning in the tongue, which looks redder and dryer than usual, more the anterior portion, in the forenoon (second day),⁷.—Violent unpleasant burning in the tongue (after ten minutes),⁷.—**General Mouth.** Mouth dry,³.—Mouth very dry at night (tenth day),⁷.—Dry mouth and tongue for several nights (eleventh day),⁷.—**Taste.** Bitter taste, in the morning,³.

Throat.—Objective. A girl inoculated when she was six years old suffered from severe attacks of inflammation of the throat, until the period of womanhood, when they ceased,⁶.—Hawking up of increased quantity of mucus, for several days (seventh day),⁷.—**Fauces.** Immediately sense of roughness and scraping in the fauces and throat,⁷.—**Swallowing.** [70.] Difficulty of swallowing in empty deglutition (second day),⁷.

Stomach.—Eructation with relief (after ten minutes),⁷.—Unpleasant eructations coming up from the stomach (sixth day),⁷.—Frequent eructations of wind, at 9 A.M. (ninth day),⁷.—Sour eructations, two hours after eating,³.—Felt sick at the stomach, which feeling continued over an hour (after two hours, second day),².—Constant pressure and heaviness in the region of the stomach,³.—While lying on the left side, at night, a number of very fine sticking pains or stitches in the scrobiculus cordis, worse on inspiration, lasting a few seconds (this sensation seemed as if about a dozen fine pins or needles, half an inch in length, were dancing about in every direction), (tenth night),¹.

Abdomen.—Hypochondria. Stinging pains about the hypochondrium, lasting but a moment, at 11 A.M. (seventh day),⁷.—**Umbilical.** Pains round the umbilicus, and extending up to the epigastrium, at 8.30 P.M. (twenty-first day),¹.—[80.] Acute sore pain extending across the abdomen, just across the umbilicus, affecting the breathing, lasting several minutes, also slight bubbling in the abdomen, and very much wind there, and emission of hot flatus, at 9.30 P.M. (twentieth day),¹.—**General Abdomen.** Discharge of flatus, with desire for stool (after ten minutes),⁷.—Still a good deal of flatulence, with noisy eructations upwards and discharge of flatus (tenth day),⁷.—Some uneasiness in the bowels (after ten minutes),⁷.—Constant uneasiness and pain in the bowels (after nine hours

† This tooth is carious, and has been so for several years, and it is loose, but never ached before.

and a half),⁷.—Abdomen feels swollen,³.—The abdomen seems unusually full and bloated, with some pain (after nine hours and a half),⁷.—At times dull pain in the abdomen; clothes too tight,³.—Pain and rumbling of flatus in the left abdominal region, from thence extending over the abdomen (after one hour),⁷.—Continual throbbing like a thumping in the left posterior side, in the region between the spleen and kidneys, not painful but very singular,⁷.—[90.] The throbbing in lower left side, which was from twitching of the tendons, occurred at times during the night (first night),⁷.—Colic pains in the abdomen, especially during eating (seventh day),⁷.—Colic pains in the abdomen and distension, with rumbling and discharge of flatus (eighth day),⁷.—Frequent returns of colic pains in various parts of the abdomen, sometimes mounting up to the axilla (after nine hours and a half),⁷.—Frequent returns of colic pains through the day, more noticed and more severe after eating. Quite severe colic pain in the right ilio-cæcal region, coming on like a thrust (fourth day). Colic pains still come on by turns, more in the right abdomen, and when sitting indoors (fifth day),⁷.—Quite unpleasant colic pains, all the evening (eighth day),⁷.—**Hypogastrium.** Slight shifting pains in the hypogastric region, lasting about six minutes, at 9 P.M., after lying down in bed (twelfth day),⁷.—Dull pain, gurgling, and uneasiness in the intestines, in the hypogastric region, and accompanied by emission of odorless flatus, in the night (tenth night),¹.

Stool.—**Diarrhœa.** Stool loose, but normal (ninth day),⁷.—Loose stool in the morning (sixth day); loose urgent stool, with aching at the anus (seventh day),⁷.—**Constipation.** [100.] Bowels sluggish,³.—No stool, which is very unusual (after three hours and a half),⁷.

Urinary Organs.—The urine discharged yesterday and during the night is covered with a thin pellicle, and has a cloud of mucus suspended in it; fair quantity and color (second day); rather scanty and no cloud (third day),⁷.

Respiratory Organs.—**Cough.** Slight cough from irritation, at night, in bed (first night),⁷.—**Respiration.** The breath is continually oppressed,².—Difficulty in breathing, worse in the morning while in bed, better while moving about and in the open air (third day),².

Chest.—Feeling of fulness and tightness across the lower part of the chest and upper part of the abdomen, as if nothing could move, and causing great difficulty in breathing (the prover said she swelled in those parts), (third day),².—Sharp pains in the superior region of the chest on taking a deep inspiration, at night, in bed, for two nights in succession, apparently in the pleura, lasting for some time (seventh day),⁷.—The whole chest feels sore on contact; flannel irritates without much soreness,³.—

Front. Occasional digging sensations in the centre of the sternum, without pain, from within outward,³.—[110.] Stings for a few moments beneath the sternum, more towards the right side (fifth day),⁷.—**Sides.** Cannot draw a long breath on account of sharp pain felt at the centre of the thorax on the left side,³.—Sharp, stitching pain in left chest, just below the apex of the heart, not worse on motion or inspiration (after three hours and a half),⁷.—Stinging-pricking pain between the nipple and axilla of the left side,³.—Fine prickling in the costal cartilages of the eighth, ninth, and tenth ribs, in the right side (twelfth day),¹.—Soreness in a small spot just below the ribs, on the right side; also and first on the left side, but worse on the right side, at 7.30 P.M. (twentieth day),¹.—**Mammæ.** Very acute pain in the left mammary gland, about an inch above the nipple,

while sitting in the house, and lasting about five minutes; this pain, I think, I cannot describe intelligibly; sometimes it seemed to be a throbbing sore pain, at others as if a sharp edge of a small knife-blade was pressing on the spot, and with great force, increasing in intensity, and with a sore bruised feeling of the ribs beneath when pressed with the hand; relieved by walking about, particularly by deep inspiration; aggravated by expiration; at 3.30 P.M. A return of this pain at 5 o'clock, immediately after eating supper. After leaving the mammary gland it passes down the side as low as the spleen. At 6.30 a return of the pain in the mammary gland. Immediately after leaving the mammary gland, a sensation of a lancinating pain passing down the right side of the chest and inner side of the right upper arm, then to the elbow, down the lower arm and along the dorsal surfaces of the second and third fingers, after which, pain in the left carpus; it returned at 7.25 and 9.20 (twentieth day),¹.

Heart and Pulse.—Palpitation, hard beating of the heart on slight exercise, all the morning (second day),⁷.—Pulse somewhat accelerated for several days, at 9 A.M. (eleventh day),⁷.

Neck and Back.—Continual burning pain in the left scapula, just above and posterior to the spine of the scapula,³.—[120.] The back and right half of the abdomen and outer part of the right thigh presented a streaked appearance of alternate red and white (the former the broadest); this redness vanished by pressing with the fingers, but returned immediately on taking away the pressure; the streaks extended as high up as the scapulæ; the redness seemed to be of a dull hue; at 9 o'clock, on retiring to bed (seventeenth day),¹.—Chronic ailments of the spine much aggravated, especially between the scapulæ,³.

Superior Extremities.—Shoulder. Easy trembling in left arm and shoulder, on reclining and supporting the body with that hand (after three hours and a half),⁷.—More pain in right arm, but more tremulous sensation (and loss of power?) in the left (after three-quarters of an hour),⁷.—Drawing or cramplike pain in the right axilla, lasting half an hour (third day),³.—Heavy aching-drawing pain in the left axilla, extending through the shoulder, with a sensation as if the shoulder would be drawn towards the neck, lasting half an hour (fourth day),².—Axillary glands feel swollen and sore, especially the left,³.—**Forearm.** The arm feels numb when holding anything with the hand (seventh day),².—The right forearm continues slightly numb, especially along the ulnar nerve to the end of the last two fingers, and prickles on resting on the elbow (after three hours and a half),⁷.—Numb tensive pain of the forearm, and rheumatic stiffness of the shoulders and elbow-joints, lasting three hours, at 6 P.M. (second day),⁴.—[130.] Dull aching pain extending from a little above the elbow down the posterior portion of the arm, dorsum of the hand, to the ends of the fingers, lasting two hours and a half; relieved by exercising the arm (seventh day),².—**Hand.** Trembling in left hand and forearm, when even holding the paper to write (after three hours and a half),⁷.—Painful weakness of the right hand; especially the two last fingers are inclined to numbness on writing (third day),⁷.—Drawing crampy pain in the middle of the palm of the right hand, extending to the tips of the fingers (not the thumb), as if the fingers would be drawn towards the palm of the hand, lasting three hours and a half (fifth day),².—**Finger.** Pain in the palmar surface of the last phalanx of the third finger, at 3 P.M.; a recurrence of the pain at 7 (twenty-first day),¹.—Burning and aching in the ends of the fingers, more of the right hand (after nine hours and a half),⁷.—Severe aching pain in the little finger of the right hand, while sitting

quietly reading; continuing some time (sixth day),⁷.—Return of the crampy sensation in the first phalanx of the ring finger of the right hand, lasting ten or fifteen minutes; at 5 P.M. a similar sensation in the first phalanx of the index finger of the right hand, lasting ten minutes, at 6.30 P.M. (thirteenth day),¹.—Drawing crampy sensation in the first phalanx of the ring finger of the right hand, and as if the third finger would be flexed on the palm; this drawing sensation seemed to move towards the metacarpophalangeal articulation, lasting about ten minutes (twelfth day),¹.

Inferior Extremities.—Thigh. [140.] Twitching of the tendons of the right buttock, at 8.30 P.M. (seventh day),⁷.—At 10 P.M., numb tensile pain on the inner part of the thigh, extending from the scrotum to the condyle (second day),⁴.—(Aching-tensive pain in the anterior and lower part of both thighs, at 8 P.M., the right worse than the left; lasting over an hour in the left, and until I went to sleep in the right; by pressing on the parts with the hand the periosteum feels bruised and sore) (twentieth day),¹.—**Knee.** Very short stitches in the popliteal space in the left leg; it seems as if there were a dozen or more small pins or needles shooting in every direction in the part, which was so intolerable that she was compelled to rub and scratch the part, but without any relief; lasting over half an hour (fifth day),².—**Leg.** Severe intolerable aching pain in right leg, above the ankle in the lower third, almost making one cry out, while sitting, somewhat relieved by walking, returning with increased violence on sitting down, at 9 P.M. (eighth day), quite severe during the early part of the night (eighth night),⁷.—Violent smarting in the popliteal space in the left leg, as if it had been burned at a hot stove, lasting fifteen minutes (fifth day),².—**Foot.** Pain in the right instep, soon passing off (after nine hours and a half),⁷.

General Symptoms.—Objective. Swelling of the whole body (from merely passing by in the shadow of the tree),⁶.—Under a good deal of nervous excitement, with fever, hard pulse (tenth day),⁷.—Restless at night, continual rolling from side to side,³.—Cannot sit still; constant change of position because it gives relief,³.—**Subjective.** [150.] General malaise, fever, and headache,⁶.—Worst symptoms on the left side,³.

Skin.—Objective. The swelling was quite gone in the course of a few days, and it was followed by the breaking out of a *red color all over the body, resembling scarlet fever*,⁵.—**Eruptions, Dry.** A boy was subject to occasional burning eruptions on the skin for some years after the inoculation,⁶.—The lower portion of the right hypochondriac region down to the crest of the right ilium, and extending two-thirds across the abdomen (from right to left) presented a pale-red appearance, as if an eruption would make its appearance; by passing the hand over this portion of the abdomen beneath the skin is covered with papillæ; next morning, could see no trace of these papillæ on the right side, but the left side of the abdomen presented a similar appearance as the right side of the night previous, but much less marked (eighteenth day),¹.—At night, on retiring (9 o'clock), observed several pimples on the back part of the neck, shoulders, both scapulae, and lower down on the back; some of them presented a white appearance at their apex; these pimples did not lose their redness on pressure with the fingers (eighteenth day),¹.—Small round dull-red pimples on the right scapula, anterior, and upper half of the left forearm, in the same region of the right arm, but more numerous on the left; also on the outer and upper parts of the calf of the left leg. When observed, those on the calf of the left leg and left arm looked dry and scaly, as if the parts had been scratched with the finger-nail (fifteenth day),¹.—A red, hard pimple

appeared on the left side of the sacrum, painful when touched (second day),⁴.—*Ulcers*. *Inflammation of the part, with deep, hard-edged ulcers, which discharge a thick, purulent, greenish-yellow matter, having a very peculiar fetid smell, the parts becoming in appearance similar to a piece of raw decayed meat, while the surrounding skin is covered with small shining scales,⁶.—*Subjective*. A tormenting itching and burning came over my whole body,⁵.—[160.] Itching of the nose, burning in the open air, worse in a warm room (seventh day),².—Itching all over that portion of the nose inferior to the bridge, internally and externally, continuing constantly until she went to sleep at night, momentarily relieved by rubbing (sixth and seventh days),².—Itching on the abdomen, at 8 o'clock (first day),⁴.—Itching on the dorsum of the left hand, also on the left scapula (several times during the proving, itching on the inner side of the right and left thighs), (sixteenth and seventeenth days),¹.—During the forepart of the day itching on various parts of the lower extremities, in the evening (fourth day),¹.—Itching on different parts of the face, most about the mouth, causing one to rub it (after ten minutes); occasional returns of itching (seventh day),⁷.—Occasionally some itching of the face, scrotum, and of the scalp, but quite transient (third day),⁷.—Itching of the scrotum quite severe for some time, when sitting and standing (after three hours and a half),⁷.—Itching and warmth of the palm of the hand (after ten minutes), much lessened or disappeared on getting up and moving around (after one hour),⁷.—Itching on the upper part of the calves, at 4 o'clock (first day),⁴.—[170.] Itching on various parts, which continued during the evening (third day),¹.—Itching on various parts of the body, mostly on the extremities; in the forepart of the day, worse on the upper extremities; in the after part worse on the lower extremities; the general character of the itching seemed to be tingling, increasing in intensity the longer it lasted; relieved by rubbing or scratching; better in the open air and on motion; worse in a warm room, warm weather, and during rest (eighteenth day),¹.—Intense itching on the scrotum and lower part of the penis, extending to the prostate gland, and also on the inner surface of the prepuce, about noon (second day),⁴.—Violent itching, immediately below the right elbow, disappearing by rubbing the part, with sensation as if it would return if I ceased rubbing, at 7.30 P.M. (twelfth day),¹.—Violent burning itching of the right ear and surrounding tissue, extending out into the whiskers (after ten minutes),⁷.—Stinging itching between the metacarpal bones of the thumb and first finger of the right hand, also at same time slight itching on the lower part of the left scapula, with sensation as if there were pimples there, lasting about ten minutes, afterwards on the right scapula, at 3.30 P.M. (seventeenth day),¹.—At intervals during the day, tingling itching along the lower limbs; the itching appears to spread over a space of three inches in length and one in width; it changes its position and is relieved by scratching (second day),⁴.—Tingling itching on the lower part of the sternum, and shortly after on the whole chest (first day),⁴.—Tingling itching on the ankle, at 10 o'clock (first day),⁴.—Continued tingling itching of the scrotum, during the night (second day),⁴.—[180.] While sitting in church felt severe tingling itching on the left side of the scrotum, which continued several minutes, about 8 P.M., then shifting to the inner side and lower half of the left thigh; it seemed almost insupportable, causing me to rub the part, which gave relief. The itching on this part seemed to extend from above down, spreading over a surface of about two inches in width and four to six inches in length. After leaving this

part I felt it just below the knee, on the inner side of the same extremity. Then on the upper extremities, the left one first, then on the right lower extremity. The itching seemed to change rapidly from one place to another, relieved by rubbing or scratching; worse in a warm room or during rest, and for the most part proceeding from above down, particularly on the lower extremities, and generally of a tingling character (second day),¹.—Violent burning-tingling itching of the lower limbs (third day),⁴.

Sleep and Dreams.—**Sleeplessness.** Night, was restless until 2 A.M.; no sleep, with heat of the hands and head, full, heavy and somewhat accelerated pulse, and cold feet and legs (first night),⁷.—**Dreams.** Troubled dreams, during sleep,³.—Talking about one's business in sleep,³.

Fever.—Sensation of increased warmth, almost burning, accompanied with *painful weakness*, extending from the shoulders down to the hands, there remaining, rendering even writing painful, more in palm and wrist (after ten minutes); pain in right hand grows severe, and extends to the elbows (after one hour); much lessened or disappears on getting up and moving around,⁷.—High fever (from merely passing by, in the shadow of the tree),⁶.—Some arterial excitement during the night (ninth day),⁷.—Often, especially after exercise, a feeling as if boiling or heated fluid were in the veins, or as if they were inflamed, mostly along the inside of the upper and forearms (thirteenth day),⁷.—The hands and head are unusually hot, at night, with sleeplessness until 3 A.M. (thirteenth day),⁷.

Conditions.—**Aggravation.**—(*Morning*), Heaviness of head; at 6 o'clock, soreness of eyeballs; bitter taste; in bed, difficulty of breathing.—(*About noon*), Itching on scrotum, etc.—(*Afternoon*), At 3 or 4 o'clock, eye painful; at 4.30 o'clock, sensation in molar teeth; at 6 o'clock, pain in forearm.—(*Evening*), Soreness in eyeballs; catarrhal symptoms; pains in eye; about 8.30 o'clock, stitches in canthus; at 8.30 o'clock, pains around umbilicus, etc.; at 9.30 o'clock, pain across abdomen; at 9 o'clock, after lying down in bed, pains in hypogastric region; at 7.30 o'clock, soreness below ribs; at 8 o'clock, itching on the abdomen; itching on lower extremities.—(*Night*), Pain, etc., in intestines; restlessness.—(*In open air*), Lachrymation.—(*Bright objects*), Eye symptoms.—(*Cold water*), Pain in molar tooth.—(*Inspiration*), Pains in scrobiculus cordis; pain in mammary gland.—(*Looking at lighted candle*), Pain in eye.—(*Motion*), Pains in eyeballs.—(*Moving head*), Eye symptoms.—(*Reading*), Eye symptoms.—(*During rest*), Itching of various parts.—(*Stooping*), Headache.—(*Warm room*), Itching of nose; itching of various parts.—(*Warmth of stove*), Headache; pains in eyes.—(*Warm weather*), Itching of various parts.

Amelioration.—(*Open air*), The pains; headache; difficulty of breathing; itching.—(*Exercising the part*), Pain from elbow to fingers.—(*Sitting quietly before wood-fire*), Eye symptoms.—(*Heat of stove*), Pain in teeth.—(*Deep inspiration*), Pain in mammary gland.—(*Motion*), All pain; difficulty in breathing.—(*Change of position*), Gives relief.—(*Pressure*), Aching in molar tooth.—(*Walking about*), Pain in mammary gland.

CONIINUM.

An alkaloid from *Conium maculatum*, L.

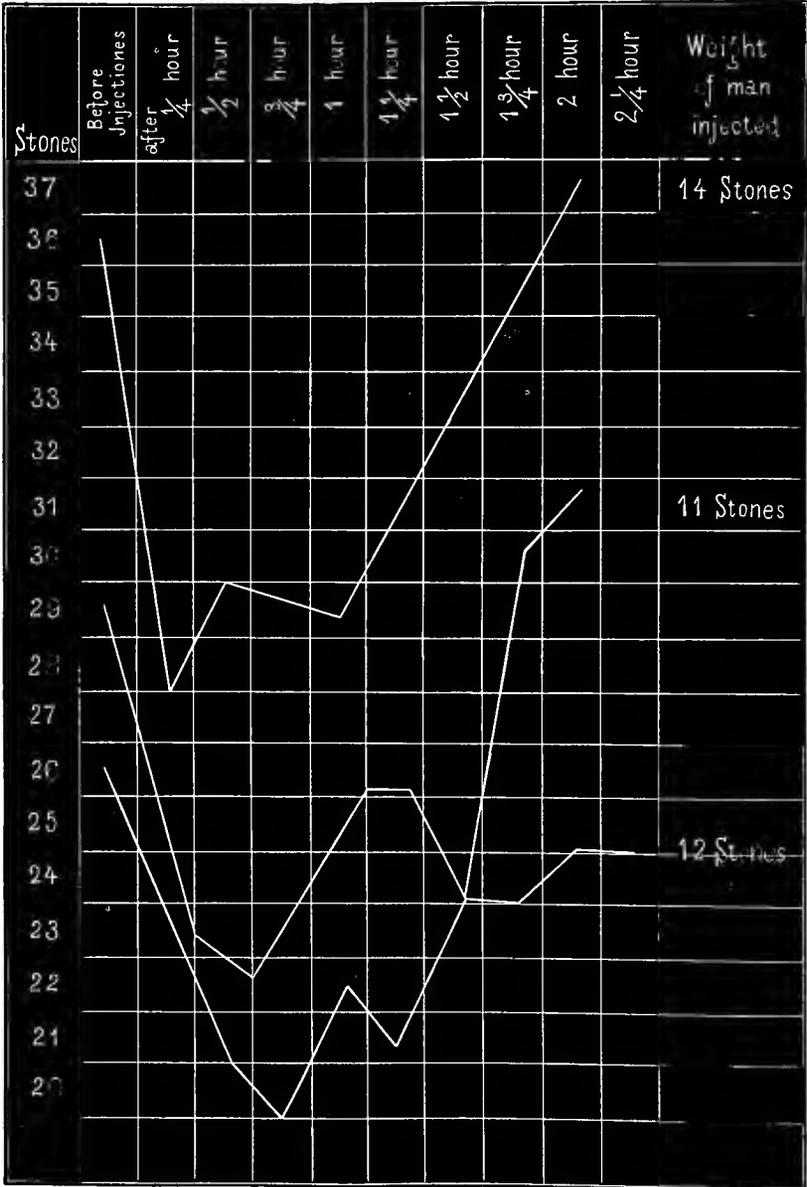
Formula, C₈H₁₅N. (Conicine.)

Preparation, Tincture.

Authorities. 1, Dr. Pohlmann, proving with 1 to 50 drops of the 1st dil., Hygea, 10, 468; 2, C. v. Schroff, twenty-seven experiments on three healthy

Plate III.

Diagram illustrating the variations of the Dynamometer in three persons under the influence of Conium. From Dr. Burman. (W. Riding Lunatic Asylum Reports, 1872.)



persons with doses of 0.003 to 0.085 grmm., Lehrbuch d. Pharm.; 3, Reil, J. f. Pharm., 1, effects of application of Coniin. with oil of cinnamon to a carious tooth; 4, Albers, Deutsch. Klin., 1853, a woman suffering with cancer of the breast, violent headache, and roaring in the ears, took for the severe pain in the cancer $\frac{1}{10}$ th of a grain daily; 5, same, a young man, effects of smelling the alkaloid (smells like Nicotin); 6, a second man, same; 7, Dr. J. W. Burman, effects of a subcutaneous injection of m. x. of a solution of Conia (equal to 2 min. of the alkaloid); 8, Effects of subcutaneous injections on several hospital attendants (healthy), with record of the dynamometer, see Table III.

Mind.—Emotional. A great feeling of calm and tranquillity, and some slowness of the mental processes (after one hour and ten minutes),⁷.—I was fast losing all interest in the game, and doubted whether I could go on with it; but I managed to do so by dint of great effort (after forty-five minutes),⁷.—**Intellectual.** Loss of consciousness, like a faintness,⁴.

Head.—Confusion and Vertigo. Confusion, heaviness, and a sensation of pressure in the head; these symptoms became very severe, were conjoined with vertigo and inability to think or fix the attention on any subject (soon),².—**Vertigo**,^{3, 5}.—Vertigo, with loss of power, lasting the whole day; indeed the inclination to vertigo and excessive weariness lasted three weeks,⁶.—She suffered from vertigo with great prostration for four weeks,⁴.—Slight vertigo,¹.—The free open air relieved the vertigo and confusion of the head, but in one experiment it caused pain along the course of the nervus supraorbitalis and cutaneous malæ,².

Eye.—Lids. [10.] Eyelids felt heavy (after twenty minutes),⁷.—**Pupil.** Pupils dilated,².—**Vision.** Vision indistinct; all objects swim,².—Confusion of vision (after fifteen minutes); much confusion (after thirty-five minutes); almost right again (after two hours and ten minutes),¹.—Special distortion of vision, so that all objects seemed to waver, or seemed excessively large, as for example, one thought he saw his own nose as a shapeless mass,³.

Ear.—Hearing weakened; the ears feel as if stopped with cotton,².—Illusions of hearing,³.

Face.—Face sunken, pale,².—Numbness of the muscles about the jaws,⁷.

Mouth.—Tongue. Tongue pale, paralyzed, and numb, soon,².—[20.] The epithelium of the tongue was denuded in several places; the papillæ were very prominent (soon),².—**General Mouth.** Violent burning in the mouth (immediately),².—**Saliva.** Accumulation of saliva (soon),².

Throat.—Scraping in the throat (immediately),².—Dysphagia,³.

Stomach.—Eructation. Eructations,².—**Nausea and Vomiting.** Nausea, with inclination to vomit, and vomiting in one case,².—Slight feeling of nausea with the giddiness (one or two cases),⁸.—Vomiting (one case),⁸.

Abdomen.—Rumbling, with distension of the abdomen,³.

Rectum and Anus.—[30.] Inclination to diarrhœa (in some cases),².

Respiratory Organs.—Voice was rather thick, and I mumbled my words somewhat when speaking (after thirty-five minutes),⁷.—Respiration frequently yawning,².

Heart and Pulse.—Pulse at first from large doses became somewhat increased, afterwards always diminished; this diminution was not in proportion to the doses (as is the case with Aconite), for the pulse usually

sank lower from small doses, when it was always small and weak.²—Pulse (previously 70), small, 59 (after ten minutes), 68 (after twenty-four minutes), normal (after half an hour),¹.—Pulse (previously 72), 62 (after six minutes), 60 (after eight minutes), normal (after half an hour), 2d proving,¹.

Neck and Back.—Spasmodic distortion of the neck, with spasms in the face, which drew the mouth up to a point,⁴.—Pain in the left lumbar region, like a slight rheumatism, lasting two hours, and gradually disappearing (after three hours),¹.

Extremities in General.—In fifteen minutes slight weakness of the legs; in twenty-five minutes the weakness of the legs and knees was more marked, and there was a certain amount of unsteadiness in my gait as I walked around the table; in thirty-five minutes, the numbness and weakness of both legs and arms were well marked, and I felt that I handled the cue awkwardly, and that, when standing still, there was an inclination to sway backwards and forwards, while the knees began to give way under me; in forty-five minutes the weakness of both arms and legs was intensified; I could not now walk without swerving to one side or staggering; in one hour and ten minutes my legs were very stiff, and awkward in motion, and it was just as much as I could do to get along. I had to progress slowly. I felt, with regard to my limbs, as if I was getting up to walk after a short rest at the end of a day's good pedestrianism, or as if I had just landed after a long swim, and altogether, a quiet rest on the sofa would have been most acceptable to me. It was now only possible to get upstairs with the greatest effort, and I did so in a very awkward manner, and often knocked my toes against the steps, but, strange to say, I felt it more difficult to go *down* than *up* stairs. When I sat down I had to let myself drop suddenly when within a few inches of the seat. In two hours and ten minutes, my limbs were rapidly regaining their strength. In two hours and twenty minutes, the legs were nearly all right again, but the arms still weak. Three hours after the injection I felt quite well again, and could move about with ease as before the injection,¹.—Excessive heaviness of the arms and legs, especially of the left arm,¹.

Superior Extremities.—[40.] No means were at hand for testing the exact loss of power in the legs; but, by the use of "Salter's improved dynamometer," I was enabled to measure, pretty accurately, the loss of power in the arms and muscles of the back. On two occasions I took seven healthy adults, and, previous to injection, made them exert their utmost strength in pulling the handle of the dynamometer. I then injected each m^x of a solution, according to my formula, mij of Conia, and made them pull at the dynamometer every quarter of an hour for two hours and a quarter afterwards. The following plate exhibits charts (obtained from three different persons) typical of the results I got. The rapid loss of power after injection, and the gradual return to the *status quo*, as the effects of the drug pass off, are alike well shown. The amount pulled is given in stones and halves of stones.³. See Plate III.—Could only move the upper extremities with great exertion,².—Some numbness with tingling of the arms (after twenty minutes),¹.—Tonic cramp in the muscles of the ball of the thumb, with a painful sensation on strongly adducting the thumb,².

Inferior Extremities.—Objective. Gait unsteady and tottering on account of weakness in the lower extremities; the weakness continued even the next day, with trembling,².—The muscular weakness was especially marked on going out to walk; the gait seemed automatic, inas-

much as there was a tendency to carry the body forward, so that as little muscular power as possible should be used,².—**Subjective.** “Legs felt independent, and as if they didn’t care for him or anybody else,”⁸.—“Legs felt as if they weighed a ton,”⁸.—Tendency to cramp in one of the calves,⁷.—[50.] Cramp in the muscles of the calves, on ascending steps, or on drawing off the boots, together with cramps in various groups of muscles, on exerting them,².

General Symptoms.—Objective. All movements were slow and labored (after one hour and ten minutes),⁷.—Remarkable weakness and prostration, so that it was difficult to keep the head erect,².—Faintness and nausea,⁵.—**Subjective.** Touch indistinct; a sensation as though the skin were covered with a furze, with formication,².—Great disturbance of the general condition; feeling as after a debauch,².—Felt as if he “had been working hard all day,”⁸.—“Felt as if he had been fashed (*sic*) a bit night before, and tired-like,”⁸.—One felt as if he had been “up all night on special extra night duty, and should like to go to bed,”⁸.—Considerable local smarting for a few seconds after the injection,⁷.

Sleep.—Overpowered with sleep,².

Fever.—[60.] Hands bluish, cold,².—Head and face became very warm (after three minutes),².—Moisture on the tips of the fingers; in large doses the fingers as well as the hands become even wet, in all the provers,².

Conditions.—Aggravation.—(*On ascending steps*), Cramp in calves. —(*On drawing off boots*), Cramp in calves.

Amelioration.—(*Open air*), Vertigo, etc.

CONIUM.

Conium maculatum, L.

Natural order, Umbelliferæ. **Common names** (*Cicuta* of the old Romans, but not since the seventeenth century), Poison hemlock; (G.), Schierling; (F.), Grande ciguë.

Preparation, Tincture of the fresh herb in blossom.

Authorities (Nos. 1 to 36 from Hahnemann, Ch. Kr., with notes by Dr. Hughes). 1, Hahnemann; 2, Franz; 3, Gross; 4, Langhammer; 5, Rummel; 6, Wislicenus; 7, Amatus Lusitanus, *Cur. Med.*, v, 23: no such observations at place named, nor in index to whole work; 8, Andree, *Obs. on Stoerck*, symptoms observed in patients taking Con.; 9, Andry, *Quest. Med.*, not obtainable; 10, Bayliss, *Essays on Med. Subj.*, not obtainable; 11, Bierchen, *Tal. om Kraftskador*, observations; 12, Boerhaave, *Prælect. ad Inst.*, observed on self; 13, Clark, in *Essays and Obs.*, *Edinb.*, iii, 434, observation; 14, Collin, *Ann. Med.*, 111, 104, as Andree; 15, Cullen, *Mat. Med.*, from grain 30 of powder, in an adult; 16, Van Ems., in Boerhaave, *Prælect. de Morb. Nerv.*, 1, 97, effects of *Cicuta aquatica*; † 17, Erhart, *Diss. de Cicuta*, a list of symptoms from authors; 18, Fothergill, *Works* (Lond., 1781), p. 315, general statement from observations; 19, Gataker, *Essays on Med. Subj.*, as Fothergill; 20, Greeding, *Ver. Schriften*, as Andree; 21, Haller, *Gollins, Anz.*, 1775, p. 523, observation; 22, Kaltschmidt, *Prag. de Cic.*, not obtainable; 23, Landoutte, *Journ. de Med.*, xv, as Andree; 24, Lange, *Dub. Cic. Vex.*, not obtainable, probably as Andree; 25, Limprecht, *Act. Nat. Cur.*, 1, 0, 52, poisoning by “*Cicuta*” root, but

† See note in *Cicuta virosa*.—T. F. A.

of what species doubtful; 26, Med. Obs. and Enq., iv, 364, after application of C. to a cancerous breast; 27, Pauli-Sim, *Quadrup. Bot.*, no symptoms mentioned in edition of 1667; 28, Pharm. Helv., general statement from experience; 29, Reismann, no reference given; 30, Rowley, seventy-four cases, Lond., 1779, not obtainable; 31, Schmucker, *Chir. Wahrnem.*, as Andree; 32, Störck, de *Cicuta*, as Andree; 33, Tartreux, *Epist. Sfol.*, as Andree; 34, Valentini, *Hufel. Journ.*, xxix, 3, 92, as Andree; 35, Watson, *Phil. Trans.*, case of poisoning; 36, Whytt, on nervous disorders, observed on self; (Nos. 37 to 45 additional provings); 37, Lembke, A. H. Z., 47, 177, proving with tincture, repeated doses of 2 to 40 drops; 38, Dr. Schneller, Vienna provings (allop.), began with 5 drops, increasing to 200 drops at a dose, B. J. of Hom., 6, 272; 39, Pliny Earle, two provings, first with American extract, 3 doses a day for nineteen days, increasing from 1 to 60 grains; second, with English extract, 3 doses a day, from 1 to 100 grains, Am. J. of Med. Sci., 36, p. 61; 40, Dr. Kitchen, effects of "full doses," 10 to 20 minims, on healthy persons, Am. J. of Insanity, 4, 1873; 41, Dr. Fountain took 12 grains of extract "to test its activity," Am. J. of Med. Sci., Jan., 1846; 42, Dr. Harley, *Old Veg. Neurotics*, effects of tincture, extract, and *Succus Conii*; 43, Dr. Robinson, provings on females with the 1000th and 30th dils., B. J. of Hom., 25, 323; 44, Dr. Berridge, a lady took 1 dose of the 30th m. of F. (one symptom after three days), N. Am. J. of Hom., N. S., iv, 193; 45, Dr. Edward Curtis, took $\frac{1}{2}$ drachm of Squibb's fluid extract, N. Y. Med. Rec., May, 1875; (Nos. 46 to 64, additional cases of poisoning); 46, Haff, poisoned by eating herb in soup, from Orfila, *Toxicol.*; 47, Gasson, man ate some herb Con., from Orfila; 48, Vicat, a man and wife ate some root, from Orfila; 49, Schlegel, *Material. 1801*, effects of eating the herb, in salad; 50, Buchner, *Repertorium* (Fr. Mag.), two cases, one from rubbing the essence into a goitre; 51, Matthiolus (from Wibmer), a monk ate some of the root; 52, Guldenklee, a man ate some of the root (from Wibmer); 53, Kircher, two men ate the root (from Wibmer); 54, Hee, a girl of twelve, ate the root (from Wibmer); 55, Dr. Weitenweber, two boys ate the root, *Prag. Med. Mon.*, 198; 56, Bennett, a tailor, ate some herb, *Ed. Med. J.*, 1845; 57, Bianchi, two girls ate some root, *Gaz. Lomb.*, 1837 (S. J. 95, 313); 58, Knorre, a young woman, smelled some of the pulverized seeds, A. H. Z., 19, 222; 59, Dyce Brown, a pregnant woman, took 13 drops of *Succus Conii* for a dry cough, *Month. Hom. Rev.*, 1869; 60, Skinner, five children poisoned, *Liverpool Med.-Chir. J.*, 1858 (from Am. J. of M. S., 36, 564, original not obtainable); 61, Guarda, a robust girl, took a strong decoction to produce abortion, *Quar. Hom. Journ.*, 1, 482; 62, Cattell, B. J. of Hom., 11, 341, collected symptoms; 63, Walker, of Brooklyn, killed by three doses of 50 drops of Squibb's fluid extract, taken at intervals of half an hour, record dictated by himself, *New York daily papers*, 1875; 64, Comoz, poisoning of a family by eating some of the root cooked with other vegetables, from Imbert Gourbeyre's collection of cases in B. J. of Hom., 33, 654.

Mind.—Emotional. Liveliest excitement (after twelve hours)¹.—Drunkness,¹¹.—*Delirium*,^{9 15 49}, etc.—Violent delirium, interrupted by crying out from pain (always with the sounds ah! oh!),⁵⁷.—Constant delirium,⁵⁷.—Delirious and stupid; they threw themselves into the water, thinking they were geese; and three years they remained partly paralytic, suffering from much pain,⁵³.—They ran wildly delirious about the whole house, knocking so hard against the walls that they were full of bruises,⁴⁸.—Partly foolish and partly delirious, for some months,⁵¹.—Full of fantasies, in the morn-

ing (after twenty-four hours),¹.—Became much agitated, were attacked with hallucinations and delirium, and went out of the house; the neighbors thought the whole family had gone mad, and were obliged to employ force to compel them to return home; watched them and rallied them in their hallucinations, and more or less absurd proposals; the patients had been mirthful all the while,⁶⁴.—Intermittent delirium,⁶⁴.—[10.] The husband, who had been somewhat addicted to liquor, saw all sorts of animals dancing upon the bed, and “picked straws” a little,⁶⁴.—Visions of her brother and child, who had died; at the same time, she saw distinctly persons in the room; she was quite aware that this was an illusion, and tried to get it out of her mind, but she could not prevent herself seeing them together, as if they were coming in at the door,⁵⁹.—Fancied that some one was coming in at the door, at night,¹.—Constant mirth,⁶⁴.—Tendency to laugh, as if coming from the right hypochondrium and stomach, during an exhausted condition,¹.—Tendency to laugh, with loss of vital energy,¹.—Violent weeping, with tears, at night, in sleep,¹.—When alone in the house she was seized by an inclination to weep; on giving way to it, it changed to a loud hiccough, followed by flickering before the eyes and indistinct vision, so that she was obliged to steady herself in walking, followed by exhaustion of all the limbs, and dull headache,¹.—[20.] She is easily disturbed by trifles, and made to cry,¹.—Lively, well, and strong, in the morning (alternating curative action), (after twenty-four hours),².—Lively free mood (curative action), (third and fourth days),².—Lively mood, with inclination to talk (curative action),⁴.—Sad mood (after one day),⁵.—More sad than lively,¹.—Hypochondriac depression and indifference, while walking in the open air,².—Frequent thoughts of death,¹.—Anxiety,⁶⁴.—[Anxiety],³¹.†—[30.] Awakened at night by anxiety, so that she lies long awake,¹.—Extreme anxiety constantly impelled them from place to place,⁵⁵.—[Hysterical anxiety],²⁶†—Anxious sensation, with beating of the heart, and profuse nosebleed,³⁷.—Inclined to be frightened,¹.—Fearful thought, after waking at night,¹.—Very apprehensive thoughts, almost amounting to deathly anxiety, after midnight, while half awake,¹.—Fearful lachrymation, faint-hearted,¹.—Sunk in deep thought; he apprehensively considered the present and future, and sought to be alone,⁴.—Dread of men, of their approach, yet with dread of being alone,¹.—[40.] Fear of thieves,¹.—Superstitious thoughts,¹.—Constant ill-humor and fretfulness,¹.—* *Very ill-humored, every afternoon, from 5 to 6, as though a great guilt weighed upon him, with paralyzed feeling in all the limbs, indifference, and taking no interest in anything*,¹.—Fretful and peevish about trifles,¹.—Extremely fretful and anxious thoughts about dying, in the morning, with confusion of the head (after twenty-nine hours),².—Fretful mood; he does not know how he shall busy himself; the time passes too slowly (after eight hours),⁶.—Fretful things absorb his attention,¹.—*She feels peevish, vexed, and easily put out about trifles*,⁴³.—Very easily aroused to anger,¹.—[50.] * *Morose mood; everything about him makes an unpleasant impression upon him*,⁴.—* *He is averse to being near people, and to the talk of those passing him; is inclined to seize hold of and abuse them*,¹.—Great discontent,¹.—Indifference to agreea-

† Not found.—HUGHES.

‡ Patient had attacks of this with 357 till she died; there is no thought of ascribing them to Conium.—HUGHES.

ble sensations,¹.—Insensibility, with indolence,²⁷.—* *Extremely insensible*,¹.—*Intellectual*. * *Disinclination for business*,³⁷.—* *Inability to sustain any mental effort*,⁴⁰.—* *Dulness, like stupefaction; difficulty in understanding what he is reading*,¹.—*Dulness; difficulty in understanding what he is reading, with confusion of the head*,¹.—[60.] [Confused thoughts],¹⁶.—Frequently makes mistakes in speaking,¹.—Unable to express himself properly while talking, or to think correctly,¹.—Memory weak,³⁷.—* *Want of memory*,¹.—Loss of memory (in seventy-four cases),³⁰.—Senselessness, after waking from the midnight sleep,¹.

Head.—Confusion and Vertigo. Confusion of the head (after one hour),¹.—Confusion and heaviness of the head (after five days),¹.—Confusion and heaviness of the head, on waking, after a sound sleep,¹.—[70.] Confusion in the left half of the head, as from coldness, or as if the brain did not fill the skull,¹.—* *Constant confusion of the forehead, in the region of the eyebrows and root of the nose* (first day),¹.—Tendency to vertigo, † with a sensation as if the eyes were swollen and unnaturally protruded (sixteenth and subsequent days),³⁹.—* *Vertigo* (after twenty minutes, eighteenth day),³⁹.—Vertigo, so that everything seems to turn in a circle,¹².—Vertigo, affecting the head,¹⁵.—* *Vertigo, in the morning, on rising from bed*,¹.—Vertigo, on becoming erect after stooping, as if the head would burst,¹.—Vertigo, on going downstairs; she was obliged to hold herself still, and for a moment did not know where she was,¹.—Vertigo, worse when lying down; as though the bed were turning in a circle,¹.—[80.] Vertigo, like turning in a circle, on rising from his seat,¹.—Dizziness and reeling in the head, for two days,¹.—Very decided dizziness (after half an hour),⁶³.—* *Very dizzy while walking*,¹.—Giddiness and sensation of weight along the orbit,⁴⁰.—Great giddiness,⁴².—Severe giddiness,⁴².—Sudden giddiness and so much weakness of the legs as rendered the patient incapable of walking, and he was obliged to lie down (after twenty minutes),⁴².—*The slightest spirituous drink intoxicates him; even watered wine rises to his head*,¹.—[Reeling],¹⁶.—Reeling while standing,³⁷.—**General Head.** [90.] Apoplexy,²⁴.—[Serous apoplexy],¹⁴. †—Great weakness of the head, and of the whole body, with loss of appetite,⁵⁰.—Unable to hold head up (half an hour),⁶³.—Utter inability to keep the head erect,⁴⁹.—Continuous stupefaction of the head, with constant inclination to sleep,¹.—*Heaviness of the head*,¹ ³⁷.—Heaviness and pressure deep in the brain,³⁷.—The head is heavy,³⁵. §—Awoke with a headache, and felt weak and poorly, from broken rest, and a sharp attack of diarrhoea during the early morning,⁴².—[100.] Headache, with nausea, at night, in bed,¹.—On going in, after walking in the open air, headache, with pressure in the right eye,¹.—Headache daily, on account of too scanty though frequent stools, associated with urging,¹.—Headache on stepping; she felt every step in her head,¹.—Some headache, with diminution of appetite, throughout the day (nineteenth day),³⁹.—Headache, with nausea and vomiting of mucus (third day),⁵.—In a few instances slight headache, *muscæ volitantes*, diplopia, languor, and inclination to sleep,⁶⁰.—Violent headache,⁶⁹.—Violent

† The phrase, "tendency to vertigo," has been used here in preference to the word vertigo, simply because this effect, thus described, was not sufficient at any time to destroy the ability to walk straight. The instability of the gait was, or appeared to be, principally owing to the effect upon the muscles in the vicinity of the knees.

‡ In an old woman of eighty; ten days after leaving off Conium.—HUGHES.

§ During convalescence.—HUGHES.

headache, with vertigo, wherewith she sat in one place, sad, and without speaking, for three or four days,²⁴.—Very violent headache,⁴⁹.—[110.] Feeling of fulness in the head,³⁷.—While at the breakfast-table, a disagreeable sensation, like “fulness of the head,” occasioned by a ligature around the neck, this was accompanied by a very slight vertigo (fifteenth day),³⁹.—*Headache, as if the brain were too full and would burst, in the morning, on waking*,¹.—Tension in the head, and a sensation of compression from both temples, after every meal; was obliged to rest the forehead on the table,⁴.—Drawing in the head, with going to sleep of the brain; relieved after eating,².—Violent drawing in the head, on going into the open air; *relieved on closing the eyes* (soon),⁵⁰.—Dulness in the head, after drinking,¹.—Dull pressure in the head, on going into the open air; he was obliged to rub the forehead,¹.—Headache, a simple pain, on walking in the open air; it seems dull; even in the morning, lasting till breakfast,¹.—The cerebral oppression was extremely unpleasant and oppressive (nineteenth day),³⁹.—[120.] Sticking in the head, while coughing,¹.—Sticking pain in the head, as from needles, lasting an hour,¹.—Shooting into the head from coughing,⁵.—Boring tearing and pressure in various parts of the bones of the head,³⁷.—Headache, in the morning, on waking, as in epidemic fever, as if the brain were torn, especially towards the occiput (after ten hours),¹.—Headache in the morning, as if the head were beaten or would be pressed asunder,¹.—Headache, extending from the forehead to the occiput, as if something were loose, on shaking the head,¹.—*Forehead*. Violent pains in the forehead and eyes, with profuse burning lachrymation, as though salt water had got into the eye,⁵⁹.—Headache, as from external contraction, in the upper part of the forehead, disappearing on stooping or leaning it on the hand, with chilliness, vertigo, and fretful senselessness (after one hour and a half),².—Pressive drawing around the forehead and right temple,³⁷.—[130.] Digging and griping in the forehead, as from the stomach, with such great sensitiveness of the brain that it was painfully shattered by noises and by speaking,¹.—Drawing pain in the forehead above the brows,¹.—Drawing pain in the brain just behind the forehead (first days),¹.—Pressure in the forehead,³⁷.—Pressure in various places on the forehead (after three hours),³⁷.—Pressure in the forehead, alternately severe and slight; afterward heaviness, followed by the same sensation in the occiput,³⁷.—Pressure in the right side of the forehead, in the left side of the occiput, and in the left parietal eminence,³⁷.—Pressure and heaviness in the forehead, lasting the whole day,³⁷.—Pressive pain in the forehead, externally,⁴.—Pressive headache, as from a stone, on the upper part of the frontal bone (after three days),².—[140.] Pressive headache from within outward, over the eyes,⁶.—Pressive headache, externally in the forehead, causing stupefaction,⁴.—Jerklie sudden sticking in the forehead, lasting the whole day, worse in the room,⁵⁰.—*Sticking pain from within outward in the forehead, at noon*,¹.—Sticking headache in the forehead, the whole day; still she could not lie down,¹.—Sticking headache coming out at the forehead, with inclination to lie down, in the forenoon,¹.—Stitches in the forehead,¹.—Stitches, extending out of the forehead, in the morning after rising,¹.—Throbbing in the forehead,¹.—*Temples*. Slight pain from temple to temple several times during the day (eighth day),³⁹.—[150.] Some headache in the region of the temples, attributed to a cold (third day),³⁹.—Drawings in the right temporal muscles; worse when walking,³⁷.—Drawing pain in the temporal bones,¹.—Drawing pain in the temples, on touch,².—Pressure in both temples (after a few hours),⁵.—Tearing in

the right temple and right ear,¹.—Tearing pain through the temples, in the morning (fourth day),².—Tearing pain in the temples, while eating,².—Tearing headache in the temporal region, with pressure in the forehead, after eating (third day),².—**Vertex**. Pressure on the vertex, with feeling as though one would fall,³⁷.—[160.] The headache consisted of a violent pressive, squeezing sensation, like something pressing on the top of the head; the pain then went down from the top of the head to the sides of the jaws, and thence to below the left breast, with a feeling of choking and inability to draw a breath,³⁹.—Dull pressure deep in the vertex,³⁷.—Dull pressure on the vertex, afterward around the forehead,³⁷.—Nipping in the vertex on every step, while walking, without pain; not while sitting,¹.—Some pain and heaviness in top and back of head (after half an hour),⁶³.—**Parietals**. *Numbness, with sensation of coldness, of one side of the head,¹.—*Sensation in the right half of the brain as of a large foreign body,¹.—Pressive pain in the right half of the brain, extending backward,¹.—Sticking in the parietal bones, and in the forehead, with vertigo, so that he was obliged to sit down; together with sticking in the cervical muscles,¹.—Tearing stitches, extending from the left parietal bone to the frontal region,¹.—[170.] Headache on one side, gradually increasing as if bruised, and as if something heavy were pressing downward, aggravated by moving the eyes towards the affected side,¹.—Pulsation in the right side of the head, in the evening, in bed,¹.—**Occiput**. Heavy sensation in the occiput, that frequently disappears and reappears; it appears from time to time while sitting bent, but always disappears on becoming erect,⁶.—Fulness and confusion in the occiput,³⁷.—Pressure on the left side of the occiput,³⁷.—Pressure in the right side of the occiput, as with a plug,³⁷.—*Pain in the occiput; at every pulse it feels as though pierced with a knife,¹.—Slight tearings in the left side of the occiput, while walking (after half an hour),².—Tearing headache in the occiput and nape of the neck, and especially in the orbits, with constant nausea, so that she was obliged to lie in bed,¹.—**External Head**. Falling of the hair,¹.—[180.] Burning on the scalp above the right frontal eminence, with sensitiveness of the skin at that place,³⁷.—Sharp pressure in a small spot on the scalp,¹.—Much itching on the scalp,¹.

Eye.—Objective. The eye itself immovable, staring,⁶¹.—Their look was wild and piercing,⁵⁵.—Weak look of the eyes,³.—Trembling look, as if the eye trembled,¹.—Red eyes,¹⁰.—Eyes somewhat congested and wild,⁶⁴.—*Yellow whites of the eyes (after ten days),¹.—[190.] Protruding eyes,¹.—Movements of the eyes as if they were pressed outward,¹⁸.—*Affected with a weakness and dazzling of my eyes, together with a giddiness and debility of my whole body, especially the muscles of my arms and legs, so that when I attempted to walk I was apt to stagger like a person who had drunk too much strong liquor,⁴².—Mucus in the eyes in the morning,¹.—**Subjective**. Increased irritability of the eyes (first days),¹.—The eyes felt uncomfortable, causing me to brush them frequently to clear apparent obstructions from the lids,⁴¹.—Heat in the eyes,¹.—An almost burning heat shoots through the eyes in the forenoon and evening,¹.—*Burning in the eyes,¹.—Burning in the eyes, towards evening, with pressure in the orbits,¹.—[200.] Drawing pain in the eyes, with redness of them,¹.—Pressure in the eyes, as from a grain of sand, especially in the forenoon, with inflammation and redness of the white of the eye, and biting lachrymation,¹.—Pressure in the eyes, mostly while reading,¹.—Dull pressure above both eyes, afterwards in the occiput, as if a band were tied about the head,³⁷.

—Painful pressure in the eyes if she closes them to sleep, in the evening, in bed,¹.—**Brow and Orbit.** There was an aching pain across the eyebrows and mistiness of vision,⁴².—Pressure above the right eye, extending into the eye,³⁷.—Pressive pain in the bones above the right eye, in the nose, and malar bone, late in the evening and lasting ten minutes,¹.—Pain in the orbits, especially with the headache,¹.—The absence of any preponderating action of the muscles supplied by the *fourth and sixth pairs of nerves* shows that they are equally affected with the third pair. A proportionate diminution of power is also observed in the muscles supplied by the motor branches of the *fifth and seventh pairs*. The contractive power of the M. orbicularis in particular is distinctly weakened,⁴².—**Lids.** [210.] Inflamed lids, with formation of styes in several places; the boy frequently blinks,¹.—Twitching in the upper lid,¹.—Eyes difficult to open (first hour and a half); closed (second hour),⁶³.—Difficult opening of the lids; in the morning they are drawn together,⁵.—*He could hardly raise the eyelids, which seemed pressed down by a heavy weight, and was disposed to fall off to sleep,*⁴².—Muscular relaxation of the orbicularis, drooping of the eyelids, almost amounting to ptosis, and nearly inability to walk,⁴².—Nearly complete muscular paralysis; the eyelids were closed, the pupils widely dilated, and the mind clear, calm, and active, and she expressed herself quite comfortable; she tried perseveringly to raise the eyelids when I requested her to do so, but she was quite unable to separate their margins (after one hour),⁴².—*Burning on the inner surface of the lids,*¹.—Pressure in the external canthus, as from a grain of sand,¹.—Sticking in the inner canthus; the lids are agglutinated in the morning,¹.—[220.] Itching sticking in the inner canthus, not relieved by rubbing (after one hour and a half),⁶.—Stitches on the margins of the lids and in the canthi,³⁷.—Biting pain in the inner canthus, as if something corrosive were in it, with lachrymation,⁶.—Itching on the margin of the lids,¹.—**Conjunctiva.** Pressure and sticking in the conjunctiva bulbi of the right eye, in the inner canthus, with fine vessels closely aggregated at the inner margin of the right cornea,³⁷.—**Pupil.** Dilatation of the pupils from one-seventh to one-sixth,⁴².—*Dilatation of the pupil* occurs usually only after very large doses, and then it is often but slight, and only observable in a subdued light, the excitement of strong light overcoming the tendency to dilate, just as the exertion of a strong will strengthens for a time an enfeebled limb,⁴².—Dilated pupils (after one hour),².—*Pupils dilated* (second day),^{37 60 61}.—Pupils of the eyes apparently somewhat dilated (seventeenth to twentieth days),³⁹.—[230.] The pupils were considerably dilated,⁴².—Pupils decidedly and persistently dilated; at first this dilatation alternated with contraction,³⁷.—Pupils greatly dilated,⁵⁷.—Contracted pupils (curative action), (after three hours and a quarter),⁴.—**Vision.** **Weakness of vision,*¹⁹.—Diminished vision,⁵⁷.—Dimness of vision, while walking in the open air; in the room it was clear,¹.—Dimness of vision and dilatation of pupils,⁴⁰.—Obscuration of vision,^{9 10}.†—Vision momentarily obscured; objects in the room seemed indistinct and as if moving about,⁵⁹.—Soon after half an hour, dimness of vision, with bright points scintillating, or rather quickly moving in the distance; this caused me to turn from side to side to notice them, and from this cause, I suppose, I found myself reeling in my saddle; there was no vertigo or unpleasant sen-

† In Andree's case, with giddiness.—HUGHES.

sation about the head to produce this effect, save a slight feeling of lightness,⁴¹.—[240.] Eyesight slightly dim, becoming more so on rising from the breakfast-table, and the tendency to vertigo was at the same time increased (seventeenth and subsequent days),³⁹.—After moderate doses, the interference of vision is only such as results in haziness, as if a thin film of transparent vapor were floating between the eye and the object, the effect being identical with that observed on looking through a medium of unequal density, such as the mixture of hot and cold air enveloping a highly heated stove; it occurs independently of any dilatation of the pupil, and is compatible with good definition for fixed objects; it is due to imperfect adjustment of the refracting media of the eye from partial paralysis of the ciliary branches of the third nerve; it is through these minute branches that the individual first becomes conscious of the effect of hemlock, and if he should be reading at the time, he will suddenly find the occupation fatiguing, and very soon afterwards it may be impossible, and he will be glad to close the eyes to relieve himself of the symptom, and as the muscular lethargy begins to be felt, content to lie perfectly still as if asleep; in full doses the depressing influence involves the other branches of the nerve, and the lazy movements of the eyeball, or dull fixed and occasionally divergent stare, indicate the partially paralyzed condition of the *external muscles of the eyeball*, while more or less drooping of the upper lids expresses a similar condition of the levator palpebræ,⁴².—**There was a sluggishness of the adaptation of the eye*; my vision was good for fixed objects, but when an uneven object was put in motion before the eyes there was a haze and dimness of vision, producing a feeling of giddiness,⁴².—On raising my eyes from the object upon which they had been fixed to a more distant one the vision was confused, and a feeling of giddiness suddenly came over me. That these symptoms were due to impairment of power in the muscular apparatus employed in the adaptation of the eye was obvious to me, for so long as my eyes were fixed on a given object the giddiness disappeared, and the definition and capacity of vision for the minutest objects were unimpaired, but the instant that I directed the eyes to another object all was haze and confusion, and I felt giddy, and in order to recover my vision, and dismiss the sense of giddiness, it was necessary to lay hold upon some object, as it were, with my eyes, and rest them securely upon it; it was clear to me that the adjusting muscular apparatus of the eye was enfeebled, and its contractions so sluggishly performed that they could not longer keep pace with the more active movements of the external muscles of the eyeball; within ten minutes of the appearance of this disorder of vision a general muscular lethargy affected me, and the eyelids felt as heavy as if they were oppressed with the deepest drowsiness (three-quarters of an hour after 5½ drachms),⁴².—Raised my eyes quickly from the manuscript upon which they had been steadily fixed, towards the inkstand some little distance away, but in so doing I instantly experienced a slight difficulty in accurately sighting that object, the eyes did not strike exactly where they were aimed, and simultaneously a faint but distinct thrill of the peculiar swimming feeling that I know so well as the beginning of sea-sickness, swept through the brain; plainly the subtle influence of the poison had been creeping over me while absorbed in writing, but could not declare itself by symptoms until a quick and decided movement of the already paretic ocular muscles was attempted, then, however, it was instantly made manifest by the trouble in promptly sighting a given object, and, what is the point, then at once, but not till then, was

the least giddiness experienced; as the palsy of the ocular muscles advanced, soon the slightest movement of the eyes produced a curious and very disagreeable apparent flickering of the field of view, and was always accompanied by a sudden rush of giddiness; but so long as the eyes were kept motionless, then, as long ago pointed out by Harley, there was no giddiness; for experiment, however, I *did* try the eyes in various ways, seeking to find, among other things, how the focalizing power on near objects was affected, and the consequence was that I quickly became not only very giddy but also decidedly nauseated, in fact veritably sea-sick, the sensations being the same as those felt at sea; fearing that I should vomit, I got up to cross the room to the washstand, but at once the floor seemed to rock and waver, and I staggered against a table; not being conscious, however, of any real weakness of the legs, it immediately struck me that the uncertainty of step was purely because the eyes were playing false as guides for the feet; if so, I argued, walking ought to be steadier with the eyes shut than open. Accordingly, after getting the proper bearings, I shut the eyes, and sure enough found at once that I could now walk straight and steady, and, what was more, without any feeling of giddiness; securing a basin I repeated the little experiment on the return trip to the desk, and with precisely the same result,—giddiness, transient nausea, and staggering gait on trying to walk with eyes open;—freedom from all trouble with them shut,⁴⁵.—Farsightedness (in a myope); he could clearly distinguish objects at a distance (after three hours and a half),⁴.—Greater shortsightedness than usual; could distinguish only very near objects (after twenty-nine hours),⁴.—She complained either that she could not see, or that the objects of her vision were tinged with all varieties of color; sometimes the eyelids drooped a little,⁴².—Sight completely lost,⁵⁶.—[250.] Blindness of short duration in the afternoon, following complaints of pain in the head and eyes; the child loses the power of vision, also at times subsequently,³.—Blindness, immediately after sleep in the heat of the sun,⁷.—Amaurosis,⁶².—On looking at print held near the eyes the lines seem to move up and down,¹.—Double vision for several minutes,⁴².—*Double vision*, from inability to maintain the convergence of the optic axes, excepting as a very evanescent effect, is a comparatively rare result of the action of hemlock. I have only observed it in a few persons. In one of these, a delicate invalid, confined by weakness and ovarian disease chiefly to the recumbent position, fl. Zij of the succus Conii produced full effects accompanied by double vision; this was a constant symptom; it came on half an hour after taking the medicine, and lasted twenty minutes. After having taken the hemlock for six months, she told me, as often as I happened to see her during the operation of the medicine, that she saw each object in the room double, that my eyes were also doubled, and that she felt as if she were squinting,⁴².—Double vision, but not to the same extent nor of so long duration as with the last doses of the American extract; the same remark is applicable to the sensation in the elbows and knees; in the evening (nineteenth day),³⁹.—Vision was for the first time double. Directing the eye to an object at the distance of fifteen feet, that object for a moment would appear single; immediately, however, two images became visible, and slowly receded from each other to the apparent distance of six inches; here they generally became stationary, but at times would continue alternately to approach and recede from each other (nineteenth day); slight degree of double vision (twentieth day),³⁹.—He saw objects doubled and tripled, with bright bows before the eyes,¹.—

Diplopia (previous to taking drug) vastly increased (one hour and a half),⁶³.—[260.] [Things look red],²⁰.†—A thread seems to swim before the eyes,¹.—Black points and stripes before the eyes,³⁷.—Large dark spot with white margins before the eyes,³⁷.—Clouds and light spots before the eyes,¹.—Many white spots with glittering stars, on looking at different things in the room,³⁷.—Bright spots before the eyes, while walking in the open air,³⁷.—Sparks before the vision,³².—Fiery sparks before the eyes, on going into the open air,¹.—Fiery zigzags moving through each other before the sight, on closing the eyes at night,¹.—[270.] It was not until I enjoyed my usual sleep that perfect vision was restored,⁴¹.

Ear.—Objective. *Blood-red earwax,¹.—**External.** Burning on the upper part of the left concha,³⁷.—Pain, partly drawing, partly tearing, in the external ear,¹.—Stitches behind both ears, especially in the mastoid process, followed by dull pain at this place,¹.—Violent itching in the outer ear,¹.—**Internal.** *Something comes before the ears on blowing the nose; they feel stopped,¹.—Sudden sharp pressure in the ears, almost like twinges,¹.—Drawings within the left ear,¹.—Sticking in both ears,¹.—[280.] Pinching sticking in the ear, while drinking,¹.—Sharp pain shoots out at the ear, especially violent while swallowing (after three-quarters of an hour),⁶.—Pain in the ears, as if the inner ear would be torn asunder,¹.—Throbbing of blood in the ears,¹.—**Hearing.** Painful sensitiveness of hearing, so that noise frightens one,¹.—Intolerance of noise, with longing for quiet and rest (first days),¹.—Noises in the right ear, as from a waterfall (after fourteen hours),¹.—Bubbling and humming in both ears,¹.—Bubbling and humming in the right ear,¹.—Ringing in the right ear, with dull hearing, three times in succession,³⁷.—[290.] Loud ringing in the ear,¹.—Roaring in the right ear,¹.—Roaring in the left ear, with difficult hearing, worse while eating,¹.—Roaring in the ears, like a storm of wind, more after eating dinner, lasting until going to sleep; and on exerting the head while sitting, but mostly lying in bed; even at night on waking,¹.—Noises in the ears as if blood were rushing through the brain,¹.—A crash heard within right ear at 10 P.M., after sunset (third day),⁴⁴.‡

Nose.—Objective. Frequent sneezing,¹.—Frequent sneezing without coryza,⁴.—He blows watery fluid from his nose,¹.—Clear water drops from the nose,¹.—[300.] Profuse discharge of nasal mucus for several days, as in catarrh,¹.—Nosebleed at night; and then in the morning, on rising, vertigo,¹.—Profuse bleeding of the nose, without heat,³⁷.—*Epistaxis*,^{17 24}.—*Epistaxis*, when sneezing,³.—Frequent epistaxis,¹.—**Subjective.** Burning in the nostrils,¹.—Stitches beneath the skin, on the septum of the nose,³⁷.—Tearing in the nasal bones,³⁷.—*Stinging soreness* and itching at tip and inside of the nose,⁴³.—[310.] Sticking sore pain in the septum of the nose on pressing upon it, as if a pimple were there,¹.—Stitchlike itching irritation in the right side of the nose, as from a foreign substance,¹.—Twitching in the nose,¹.—Momentary twitching at the root of the nose,¹.—Itching crawling in the nose,⁶.—Itching in the nose,¹.—Frequent itching in the nose (second day),¹.—**Smell.** Excessively fine sense of smell,¹.—A kind of animal smell in the back of the nose, which he seems also to taste,¹

Face.—Objective. Expression of countenance calm, but like a figure of wax,⁶¹.—[320.] Face very red and flushed, looking like erysip-

† In a case of cataract while sight was improving under Conium.—HUGHES.

‡ The only symptom of the proving.

elas,⁵⁹.—Blueness of the face,²⁷.—[Face blue, swollen],³².†—Face bluish, turgid with blood,⁴⁶.—Face livid,⁶⁰.—Color of the face sickly and pale (seventh day),¹.—Great paleness of the face, in the morning,¹.—Face pallid,⁵⁶.—[Swelling of the face],²⁸.‡—The facial muscles seemed to me somewhat contracted; slight risus sardonius,⁶⁴.—[330.] Frequent convulsions of the muscles of the face, so that the face remained with a frightful expression, together with frequent contractions of other muscles, especially of the extensors of the back and flexors of the extremities, with peculiar motions of the thumb and index finger, as if they were unwinding a skein of thread,⁵⁷.—**Subjective.** Pain in the face at night,¹.—Pain extending from the head to the jaws, and thence to the left side of the chest, with some sticking,⁵⁹.—**Cheek.** Swelling on the malar bone and upper gum, with tensive pain (third day),¹.—Visible twitching of the muscles of the left cheek,³⁷.—Feeling as if a cobweb were on the right cheek,³⁷.—Burning and biting on the inner surface of the left cheek,³⁷.—Drawing on the right zygoma,³⁷.—Drawing and tearing on the zygoma,³⁷.—Tearing-sticking pain in the face, just in front of the ear, in the evening,¹.—[340.] Violent stitches through the right side of the face about the malar bone (after two hours),⁶.—Fine stitches through the right cheek, extending to the corner of the mouth,⁶.—**Lip.** Lips slightly cyanotic,⁶⁴.—[Trembling of the lower lip],³².§—Burning and redness on the upper lip, first on the left and after a few hours on the right side,³⁷.—Burning on the inner surface of the lower lip,³⁷.—Much burning of the lips and tongue,³⁷.—Stitches in the lips and tongue,³⁷.—**Chin.** Drawing through the chin towards the ear and to the head, though not painful, soon after drinking,¹.—Fine stitches on the chin, extending upward through the jaw,⁶.—[350.] Trismus,¹⁷.—It seemed as though she could not open the jaws; she became very anxious on account of this condition, so much like lockjaw; the next day a constant aching soreness in the jaws,⁵⁹.—Feeling of stiffness in the right masseter muscles,³⁷.—Pressure in the masseter muscles,³⁷.

Mouth.—Teeth. Looseness of the back teeth, as if they would fall out,¹.—Bleeding of the gum of the back teeth,¹.—Pain in the teeth as from looseness while chewing,¹.—[Gnashing of the teeth],²⁶.||—Drawing boring in the left back teeth,¹.—*Drawings in the hollow teeth on eating, not on drinking cold things*, extending through the temples (after three hours),².—[360.] Drawing pain from the lower right teeth into the malar bone,¹.—Violent *drawing toothache*; the teeth feel *loose*; the toothache is so severe she feels she must have the tooth out,⁴³.—Boring needle-like stitches between the left teeth, on moving the lower jaw,⁴.—Pressive toothache,¹.—Sensation in the lower incisors as if they were pushed up,³⁷.—Toothache (tearing?), extending to one eye and cheek-bone, only on eating,¹.—Jerking and gnawing in the teeth,¹.—**Gums.** Gum swollen, bluish-red, as if injected with blood,¹.—Slight bleeding of the gum,¹.—Painful burning of the gum,¹.—**Tongue.** [370.] Tongue red, mottled,⁵⁷.—Felt as if her tongue stuck to the roof of the mouth, and she could not move it,⁵⁹.—Tongue covered over its upper surface, as well as over a large portion of the lower surface, with dirty mucus, and dry,⁴⁹.—Tongue stiff, swollen,

† See note to S. 488.—HUGHES.

‡ In a man convalescing from suppurative pneumonia, and treated by Conium for splenic cancer, with S. 537, 754, 771, 1024, shortly before death.—HUGHES.

§ See note to S. 488.—HUGHES.

|| See note to S. 32.—HUGHES.

painful,³².†.—Pain in the tongue,²⁷.—Dry tongue,¹⁰.—Dry, reddish tongue,⁶⁴.—Burning on the tongue and in the hands,¹.—Burning as from pepper on the tip of the tongue,³⁷.—Boring pain in the tongue at night (second night),¹.—[380.] Sticking and burning in the left side of the tip of the tongue,³⁷.—Sticking and biting on the tip of the tongue,³⁷.—Stitches on the tip of the tongue,³⁷.—**General Mouth.** Dryness of the mouth,³².—Dryness in the mouth, and on the lips,³⁷.—Dryness of the mouth, with sour sensation in it,¹.—Dryness of the mouth alternating with accumulation of much watery saliva; with the latter there was a sensation of dryness in the fauces, frequently repeated,³⁷.—**Saliva.** Accumulation of saliva,³⁷.—[Accumulation of saliva],¹¹.‡.—Profuse salivation,³⁴.—[390.] The whole mouth becomes full of sour water after eating,¹.—**Taste.** Bad taste in the mouth while eating, and on swallowing,¹.—Strong saline taste on the tongue, particularly in hawking up mucus, less so in the saliva (from 100 drops); this continued several days, but was almost gone on taking the penultimate dose of 160 drops; noticed occasionally for a fortnight after the last dose,³⁸.—Sourish taste in the mouth,¹.—Bitter-sour taste after breakfast,¹.—The mouth is quite acid after eating,¹.—Bitterness in the mouth and throat,¹.—**Bitterness in the throat,**¹.—Bitter taste at times in the throat, without cause,².—Metallic taste on the tip of the tongue,³⁷.—[400.] Coppery taste in the mouth, with a sensation on the tip of the tongue as though it had just been touched with copper,³⁷.—Taste of coryza from the posterior nares to the mouth,¹.—Peculiar taste of the food,¹.—**Speech.** **Difficult speech,*⁸.—Speech difficult (one hour and a half); unable to articulate (two hours),⁶³.—Speech thickening (half an hour),⁶³.—When attempting to speak, was unable to articulate,^{56 59}.—On attempting to call some one she was unable to articulate a loud word; it seemed as though the tongue were glued to the palate,⁵⁹.—Loss of speech,^{17 32}.§

Throat.—Objective. Spasm of the throat,¹⁷.—[410.] Frequent hawking of mucus,¹.—**Subjective.** Constant desire to hawk,⁵⁰.—*Strange rising in the throat,* with a sense of stuffing, as if something was lodged there,⁴³.—Dryness of throat and constriction,⁶².—Sensation as of a large body in the throat,³⁷.—Constriction of the throat,⁵².—Feeling as if something were coming up the throat to choke her,⁵⁹.—As often as she bows the head the throat becomes constricted and she chokes, a sensation as though the neck-band were too tight, so that she is obliged to grasp her throat, with blackness before the eyes and dark redness of the face,⁵⁰.—Fulness in the throat (one hour and a half); almost to suffocation (two hours),⁶³.—Drawings in the muscles of the throat and chest,³⁷.—[420.] Sticking in the throat, especially on empty swallowing, soon after taking, lasting an hour,³⁷.—Sore throat; a sore pain on swallowing,¹.—Scraping in the throat,³⁷.—Scraping in the throat, with cough at night,¹.—Much tickling in the throat, with provocation to dry cough, while sitting,³⁷.—*Itching in the throat, with irritation to a hacking cough,*¹.—**Tonsils.** During the dose, from 55 to 85 drops, there was shooting-drawing pain in the tonsils, without any abnormal appearance about them, and burning in the gullet. These symptoms continued in greater intensity from 100 to 200 drops. This was felt a fortnight after the last dose,³⁸.—**Fauces.** Great dryness of the fauces, with a feeling of constriction of the larynx,⁶⁰.—**Swallowing.** If she goes

† When touching the tongue with the juice of the root.—HUGHES.

‡ In cases of cancrum oris.—HUGHES.

§ In Storck's case as with S. 373.—HUGHES.

into the wind she is obliged to swallow very much,¹.—Difficult swallowing,¹.—[430.] Impeded swallowing,¹⁷.—Loss of deglutition,⁶².—Inability to swallow water,⁵⁶.—**External Throat.** Increase of the goitre,¹.

Stomach.—Appetite. Great hunger, though with nausea, as though she had eaten to satiety,⁵⁰.—Appetite increased,³⁸.—Great longing for salt and salty things,¹.—Great desire for acids,¹.—Diminished appetite (first four days),¹.—*Loss of appetite*,^{9 28 23 24}.—[440.] Complete loss of appetite, and great weakness in the stomach,²⁴.—Diminished desire for food and tobacco smoke,¹.—**Thirst.** *Thirst*,^{10 18}.†—Much thirst every afternoon,¹.—Violent thirst,⁴⁹.—Excessive thirst the whole day (after seventy-four hours),⁴.—Great longing for coffee,¹.—**Eruclations and Hiccough.** Eruclations, especially towards evening,¹.—Eruclations, tasting of the food often six hours after a meal,¹.—Eruclations, tasting of the food without inclination to vomit, with uprisings,¹.—Up to a dose of 50 drops he only noticed some eruclations; and sometimes, after taking it, rumbling in the bowels, which passed into gripings, or pressure in the epigastrium,³⁸.—[450.] Frequent eruclations,¹.—Incomplete eruclations after breakfast,¹.—Incomplete eruclations, followed by pain in the stomach,¹.—*Many empty eruclations*, without taste or smell,¹.—*Frequent empty eruclations*, especially in the morning,¹.—Sour eruclations in the evening,¹.—Sour eruclations after eating,¹.—Sourish eruclations, with burning in the stomach,¹.—**Offensive eruclations*,³¹.‡—*Acidity rises from the stomach after eating*,¹.—[460.] Rising of some food from the stomach, with eruclations,¹.—Hiccough,^{1 52}.—Hiccough on beginning supper,¹.—**Heartburn.** *Heartburn*,⁴³.—Heartburn in the evening,¹.—Rancid heartburn,¹.—**Nausea and Vomiting.** *Nausea*,^{37 64}.—Nausea in the morning, disappearing after a stool,¹.—Nausea in the evening, with great weakness, so that speaking is disagreeable,¹.—Nausea, with sensation of satiety after eating,¹.—[470.] Nausea and inclination to vomit after every meal,¹.—Twenty minutes afterwards, and while attending to her usual duties, she experienced nausea and giddiness,⁴².—Nausea, with pressive headache in the nape of the neck, vertex, and forehead, after dinner,¹.—Nausea, frequent and complete loss of appetite,²⁴.—Nausea and inclination to vomit,¹⁸.—Some nausea (first hour),⁶³.—Constant retching and nausea,⁵⁵.—Inclination to vomit,¹⁵.—Inclination to vomit after eating, followed by hiccough, with the usual taste and good appetite,¹.—Inclination to vomit, with eruclations and weakness,²⁰.—[480.] Ineffectual efforts to vomit,⁶².—The patient had vomited several times,⁶¹.—Frequent vomiting, with complete loss of appetite,²⁴.—**Violent vomiting*,¹⁷.—Vomiting of mucus in the afternoon, with headache, nausea, and subsequent numerous eruclations,⁵.—**Stomach.** Flatulent distension of the stomach,¹.—The stomach is frequently distended by flatulence,¹.—Internal uneasiness in the pit of the stomach, which is attended with haste in all his actions, and difficult breathing,³⁷.—[Anxiety in the region of the stomach],³².§—His stomach is tormented with acidity, with flat and bad taste,¹.—[490.] Cardialgia,⁵⁴.—Sense of fulness and *repletion of the stomach*,⁴³.—Sensation of heat in the gastric region (after fifteen minutes, seventeenth day),³⁹.—Tightness of the pit of the stomach on leaning backward, with choking of respiration and speech,¹.—Contractive pain in the stomach, with sensation of coldness

† According to Fothergill, with S. 497, 1306.—HUGHES.

‡ Not found.—HUGHES.

§ This, with S. 322, 342, 769, 858, 1281, arose from overloading the stomach; all disappeared after an emetic.—HUGHES.

in it, with coldness in the back, waking her in the morning from sleep,¹.—Gripping in the stomach, which afterwards becomes dull in the intestines,¹.—Gripping in the stomach, which contracts the chest, with gripping in the back and many eructations, waking her from sleep,¹.—Spasmodic pinching in the stomach,¹⁶.—Cramplike pain in the stomach,¹.—Cramp in the stomach,²⁸.—[500.] Cramp in the stomach, like a gripping and constriction, between 1 and 2 A.M.,¹.—Drawing pain, extending from the pit of the stomach to the throat, with short, difficult respiration, in the morning, after rising and after stool (eleventh day),¹.—Pressure, extending from the pit of the stomach up to the throat, as if a round body rose up (second day),¹.—Pressure in the pit of the stomach as from fulness, mingled with stitches, aggravated by inspiration and motion,¹.—Dull burning sensation at the epigastrium,⁶⁴.—Pressure in the pit of the stomach, as if it were twisted about, followed by some stitches in the side of the chest, even in the morning,¹.—*Pressure and sore raw feeling at pit of stomach*,⁴³.—Severe pressure in the epigastric region, with inclination to vomit, which gradually extended to the left side of the abdomen,⁴⁹.—Dull pressure, followed by sensation of heat of the stomach,³⁷.—Sudden cutting in the stomach on eating a light meal.³⁷.—[510.] Sudden thrusts deep in the pit of the stomach,³⁷.—Stitches in the epigastric region towards evening,¹.—Fine stitches in the pit of the stomach,⁶.—Sensation of soreness and rawness in the stomach,¹.—Sore pain in the pit of the stomach, as if suppurating, in the morning, while lying and turning about in bed, for three mornings (thirteenth day),¹.

Abdomen.—Hypochondria. The venous vessels of the liver and the sinuses of the dura mater were gorged,⁶¹.—*Painful tension about the hypochondria, as from a constricting band,¹.—Pressive-tensive pain in the left hypochondrium, extending to the side of the lower abdomen,¹.—Sharp drawing in the anterior lobe of the liver,¹.—Pressive pain in the liver, while walking,¹.—[520.] Stitching in the hepatic region before the appearance of menstruation, mostly at night, while lying, and especially on inspiration (twenty-third day),¹.—*Sticking pain in the hepatic region, at intervals (after sixteen hours),¹.—Sticking pain in the left hypochondrium in the morning, while lying in bed, with oppression of breathing; disappearing on rising,¹.—Stitches beneath the border of the left ribs, while sitting,³⁷.—Stitches beneath the margin of the ribs on the right side,³⁷.—**Stitches in the hepatic region*,¹.—Stitches in the hepatic region, impeding respiration,¹.—Transient stitches in the left hypochondrium,³⁷.—*Painful tearing in the hepatic region*,¹.—Abdominal pulsation on the left side beneath the eighth and ninth ribs, afterwards severe stitching in the same place,³⁷.—[530.] Sharp drawing jerking under the right ribs,¹.—*Umbilical.* Cuttings deep in the umbilical region,³⁷.—Cutting pains to the left of the umbilicus, piercing like lightning,³⁷.—Dull drawing in a small spot just below the umbilicus,¹.—Drawing pain in the abdomen, in the umbilical region, soon after eating,².—Drawing colic in the umbilical region, in the morning, after rising,².—Pain in the abdomen in the umbilical region, as if the intestines were bruised, after supper,².—*General Abdomen.* *Swelling of the abdomen*,^{17 23}.—Distension and fulness of the abdomen, in the afternoon,¹.—Distension of the abdomen like a flatulent colic, in the evening, with coldness of one foot,¹.—[540.] Distension of the upper abdomen, after eating, with pressure in the stomach, which anxiously impedes respiration,¹.—Distension of the abdomen, after the midday nap,¹.—Hardness and excessive distension of the abdomen in the evening after eating; the navel was protruded, which makes her sleep uneasy,¹.—Flatulent distension of the ab-

domen, soon after taking a little milk,¹.—Swelling of the mesenteric glands,²².—*Trembling of the whole abdomen,⁴⁹.—Accumulation of flatulence immediately after eating, which is then passed in great quantity, with much noise and with relief,¹.—Rumbling and gurgling in the abdomen,¹.—Much rumbling in the abdomen (appears after every dose of medicine),³⁷.—Gurgling in the left side of the abdomen,¹.—[550.] Emission of much flatus with the stool, together with pressing, dragging, and cutting in the rectum,¹.—Violent emissions of much flatus,¹.—Emission of cold flatus,¹.—Passage of much flatus (after eighteen hours),¹.—Passage of offensive flatus,¹.—Flatulence is easily passed, immediately,¹.—Great weariness and exhaustion of the abdominal muscles, after breakfast,¹.—A peculiar sensation in the upper abdomen as after a fright, caused by the noise of opening a door; a feeling as if diarrhœa would follow,³⁷.—From coughing, pain in both sides of the abdomen,¹.—Pain in the abdomen, while laughing,¹.—[560.] Pain in the abdomen, aggravated by pressure,³⁷.—Pain in the abdomen above the hips, while walking,¹.—[Violent pain in the abdomen, with chilliness],³² †—Excessive pain in the bowels,²².—Tension in the right side of the abdomen, on deep breathing,¹.—Tension in the abdomen, with jerking contraction, extending up towards the chest, with pressive and griping pain, for several minutes (second day),¹.—A very constricted spot in the colon,²².—*Griping in the abdomen, before the discharge of the leucorrhœa*,¹.—Griping and pressure in the bowels,¹.—Severe griping in the bowels, as in diarrhœa,¹.—[570.] Fine pinching in the abdominal muscles, above the navel, on bending the body forward,⁶.—*Pinching pains in the abdomen, as if diarrhœa would come on*,⁴³.—A sticking digging in the left side of the abdomen,¹.—Drawing sensation in the abdomen, after drinking,¹.—Drawing pains in the abdomen, while walking (after three hours),².—Burning pressure in the abdomen,⁴⁹.—Oppression of the abdomen,¹.—Cutting in the left side of the abdomen, as if a bunch would protrude there,¹.—*Cutting in the abdomen, before the emission of flatus*,¹.—Violent cutting in the abdomen every day, especially in the right side,¹.—[580.] Transient cutting in the abdomen, before every stool,¹.—Sticking in the upper abdomen, in the morning, on waking, worse on motion,¹.—Transient sticking pains in the abdomen (eighth day),¹.—Stitches in the left side of the abdomen (after two days),¹.—Stitches in the abdomen, with lightning-like stitches through the glans penis,³⁷.—Sharp stitches in the abdominal muscles on the left side below the navel, at short intervals, shooting from within outward,⁶.—Suddenly awakened at night by a sharp stitch deep in the left side of the abdomen, followed by severe sticking deep in the right side of the chest, so that inspiration was impeded, followed by long-continued boring in the ball of the left great toe, which continued to be felt on waking in the morning,³⁷.—Cutting stitches in the bowels, as with a knife (fourth day),⁵.—Sore tearing at intervals, extending from the epigastric region into the sides of the abdomen, as if everything were being torn out of the abdomen, several mornings,¹.—The child complains of colic with the cough,¹.—Griping colic, only immediately after stool,¹.—[590.] Cutting colic in the morning, after chilliness for two hours, with headache and nausea,⁴.—Colic after eating, in the morning, with great fulness of the stomach and of the chest the whole day,¹.—Cutting colic deep in the bowels, with good appetite and

† The patient under treatment by Conium for a mammary scirrhus had a chill in the street; had this and 638, and died with dysentery.—HUGHES.

sleep at night,¹.—Cutting colic, with diarrhœa (twelfth day),¹.—Most violent coliclike pains,³².†—Drawing bruised pain in the intestines (after nine hours and a half),².—Pulselike jerks in the abdomen and small of the back,¹.—Some shocks in the abdomen against the abdominal muscles, from within outward, as from a child in pregnancy,¹.—**Hypogastric and Iliac Region.** *Aching pains in the hypogastric region, like menstrual colic,⁴³.—[600.] *Forcing-down feeling in the hypogastric region, like menstrual or labor-pains,⁴³.—Contractive pain in the lower abdomen after the appearance of the menses, which disappears on walking in the open air,¹.—*Contractive pain in the lower abdomen like after-pains, with urging to stool,¹.—Cramp in the lower abdomen (sixth day),¹.—Gripping deep in the lower abdomen, after every meal, with good appetite,¹.—Drawings in the lower abdomen pressing up towards the upper abdomen, in the morning, while sitting,¹.—Pressure in the lower abdomen, followed by fermentation,¹.—Constant pressure in the lower abdomen as from something heavy, when not eating,¹.—Stitches in the lower abdomen, as with a knife,¹.—Tearings in the lower abdomen, above the pubis, extending to the abdominal ring,¹.—[610.] Drawing colic in the lower abdomen, after dinner, while sitting,².—Pain in the right groin as if swollen, and feeling as if suppurating,¹.—A dragging-outward sensation of the right groin,³⁷.—Sticking in the right groin, while walking,³⁷.—Stitches in the groin on rising from a chair,¹.—Distending pain in a place where there is a hernia (second day),¹.—Dragging outward in the place of a hernia,¹.—Dragging towards the location of a previous inguinal hernia, without the protrusion of a hernia,¹.

Rectum and Anus.—**Rectum.** Heat in lower portion of the rectum (not in anus),¹.—Burning in the rectum and anus,¹.—[620.] Burning in the rectum during a stool,¹.—Stitches in the rectum,³⁷.—Itching in the rectum follows itching in the chest and abdomen,¹.—**Anus.** Heat in the anus,¹.—Drawings towards the anus and abdomen,¹.—Frequent attacks of dragging towards the anus and sacrum (first days),¹.—Frequent stitches in the anus when not at stool (fifth day),¹.—Itching in the anus,¹.—Violent itching in the anus, nates, perineum, and near the scrotum, so that he was obliged to rise,¹.—**Urging.** Great urging to stool daily, with diarrhœa three times,¹.—[630.] Frequent urging to stool, without result,¹.—Frequent urging to stool daily, thereby some, although very little, is passed every time,¹.—Frequent urging, but scanty passage of soft fœces, followed by still more distended abdomen,¹.—Constant ineffectual urging to stool,¹.—Constant desire for stool; he, however, is able to accomplish it but twice daily; it is then thin,¹.—Straining at stool,¹.

Stool.—**Diarrhœa.** Diarrhœa,¹⁷ ²³.—*Frequent diarrhœa; stools like water, with many eructations, and copious passage of urine (after twenty-four hours),¹.—[Exhausting diarrhœa],³².†—Very frequent diarrhœa-like stools, like water, together with undigested portions, with gripping in the stomach, which extended through the abdomen (second day),¹.—[640.] *Involuntary stool during sleep (second day),¹.—Four liquid stools with hard lumps (sixth day),¹.—Stool softer than usual (third day after 30 drops),³⁷.—Pasty stool, twice daily, with burning in the rectum,¹.—*Liquid stool mixed with hard portions, passed with many loud emissions of flatus, together with colic (seventh day),¹.—Undigested stool (ninth day),¹.—Un-

† A woman could not take more than 4 grains a day without this.—HUGHES.

‡ See note to S. 562.—HUGHES.

digested portions pass with the stool,¹.—Passage of very offensive mucus with the stool,¹.—Passage of blood with the morning stool,¹.—**Constipation.** Constipation,⁵⁷.—[650.] [Constipation],⁸.†—Stool every second day, the first portion is only passed with pressure,¹.—Solid stool, with pressure; only every second day,¹.—Scanty stool,¹.

Urinary Organs.—Bladder. Sharp pressure upon the bladder,¹.—Cramplike pressure in the neck of the bladder, soon after urinating, extending from within outward, with sharp stitches, lasting several hours, worse while walking than while sitting,⁶.—On two occasions, once after taking one of the largest doses of the American, and once after one of the largest doses of the British extract, I felt an acute, lancinating, and transient pain in the region of the neck of the bladder, similar, as I suppose, to strangury. Having never experienced a sensation of the kind, either before or since, I believe it to have been caused by the medicine,³⁹.—**Urethra.** Discharge of mucus from the male urethra, even after urinating (fourth, fifth, and sixth days),¹.—Discharge of pus from the urethra, preceded by itching in it,¹.—Great pain in the urethra on passing urine, which is always mixed with a tenacious turbid mucus,²⁴.—[660.] Burning in the urethra,³⁹.—**Burning while urinating*,¹.—**Burning in the urethra, during micturition (eleventh day)*,¹.—**Burning in the urethra, in the morning, immediately after urinating*, lasting half an hour,¹.—Cutting drawing through the urethra during micturition,¹.—Cutting during micturition,¹.—Cutting in the orifice of the urethra, during micturition (first days),¹.—Sticking in the orifice of the urethra,³⁷.—Much sticking in the urethra, at times increasing with every beat of the heart,³⁷.—Stitches in the urethra,³⁷.—[670.] Many stitches in the urethra,³⁷.—Severe stitch in the urethra, extending to the orifice,¹.—Jerking stitch in the posterior portion of the urethra,¹.—Constant tickling and burning in the urethra,⁵⁸.—**Micturition.** Frequent urging to urinate, every half hour, with scanty urine every time,¹.—Frequent *urging to urinate*, with slight *strangury* and *burning* in the course of the urethra,⁴⁵.—Calls to urinate more frequent,³⁸.—Very frequent urging to urinate,³⁷.—Constant *urging to urinate, with heat in making water*, which continues all day, more or less,⁴³.—Constant urging to urinate; during the first four hours she was obliged to urinate as many as thirty times, the amount of urine varying from a few drops to a teaspoonful at a time; with this urging there was a most violent burning pain at the neck of the bladder and along the urethra; the urging was so violent that it seemed like labor-pains,⁵⁸.—[680.] **Frequent micturition, at night (after ten hours)*,¹.—Frequent micturition, without being able to retain the urine,¹.—Nocturnal enuresis,¹.—Was obliged to rise at 2 A.M. to urinate, several nights,¹.—Copious urination,⁵⁷.—Profuse urine,^{11 19}.—Profuse urine, with great pain,²⁴.—Urine scanty, dark-colored, frothy, depositing a red sediment,³⁷.—Strangury,^{17 24}.—Biting strangury after urinating (after half an hour),².—[690.] Several drops of urine are discharged after urinating; they cannot be retained nor forcibly expelled,³⁷.—Suppression of urine, ischuria,¹⁰.—[Hæmaturia],²¹.†—Frequent hæmaturia, with dyspnœa,²⁴.—A few drops of bright-red blood were passed with the first portion of the urine; the rest of the urine was clear,⁵⁸.—**Urine.** Red urine,¹⁰.—Urine turbid, with red sediment,³⁷.—Urine turbid, frothy, with red sediment,³⁷.

† In the original, "irregular stools, attended with gripings."—HUGHES.

‡ In a gouty subject.—HUGHES.

Sexual Organs.—Male. Inflammation of the prepuce,¹.—Many erections during the night,³⁷.—[700.] Painful stiffness of the penis, in the evening, before going to sleep,¹.—Feeling of compression at the root of the penis,³⁷.—Cutting pain in the glans penis,¹.—Tearing through the penis, when not urinating (fourth day),².—Itching in the penis, prepuce, and glans, not relieved by rubbing,¹.—Pain for several hours in the testicles, especially after erections (first day),¹.—Gripping and tearing in the testicles, in the evening (fourth day),¹.—Drawing pain in the left testicle,¹.—Pressive pain in the left testicle, for several hours,¹.—Pain as if a knife were cutting through the middle of the scrotum, between the testicles, backward to above the root of the penis, frequently repeated,⁶.—[710.] Fine stitches, then burning, on the outer side of the left testicle,³⁷.—Drawings in the spermatic cord,³⁷.—Drawing in the left spermatic cord,³⁷.—***Sexual desire, without erections,**³⁷.—Sexual desire greatly excited,³⁷.—[Inordinate sexual desire],²⁵.†—Sexual desire is completely wanting, for several of the first days, in spite of the most enticing caresses,¹.—Emission (first night),¹.—**Emissions without dreams*, three nights in succession,³⁷.—Emissions, three nights in succession, followed by awakening of sexual desire,¹.—[720.] ***Emission even while frolicking with a woman,**¹.—Discharge of prostatic fluid,¹.—**Discharge of prostatic fluid on every change of emotion, without voluptuous thoughts, with itching of the prepuce,*¹.—**Female.** Pressure upon the uterus, and cutting during micturition,¹.—Cutting between the labia, when unurinating,¹.—Severe stitches in the pudenda,¹.—Tearing in the mons veneris while sitting,².—Severe itching in the pudenda, also in the vagina, worse immediately after menstruation; she was obliged to rub it, whereupon there is no pain in the uterus like a pressing downward,¹.—**Severe itching deep in the vagina,*¹.—Leucorrhœa (second day),¹.—[730.] **Leucorrhœa, with weakness and paralyzed sensation in the small of the back, before the discharge, followed by weakness,*¹.—Profuse leucorrhœa,⁴³.—Profuse leucorrhœa, followed by hoarseness, with cough and expectoration,¹.—**Leucorrhœa of a white acrid mucus, which caused burning,*¹⁰.—**Leucorrhœa, ten days after menstruation, lasting several days, with much pain in the bowels before the discharge,*¹.—**Thick, milky leucorrhœa, with contractive labor-like colic coming from both sides,*¹.—Discharge of brownish blood, instead of menstruation (thirty-first day),¹.—Bloody mucus, instead of leucorrhœa, for ten days,¹.—Menses appeared on the seventeenth day,¹.—Menstruation delayed seven days,¹.—[740.] *Menses suppressed,*^{8 9 32}.‡—Suppression of the menses, which had scarcely appeared, followed by drawing pain down the back into the sacrum, day and night,¹.—When she arrived at term, she was troubled, for several days previous to delivery, with false pains, which prevented sleep and exhausted her a great deal (after three months).⁵⁰

Respiratory Organs.—Larynx. **Scraping in the larynx, with irritation to cough, and dry cough in the evening,*³⁷.—Much scraping and tickling in the larynx, with dry cough, frequently during the day,³⁷.—Irritation to cough, with dry cough in the morning,³⁷.—***A dry spot in the larynx, where there is a crawling, and almost constant irritation to a dry cough,**¹.—Tickling in the larynx, with dry cough,³⁷.—**Voice.** Voice hoarse,⁶¹.—Hoarseness,¹.—**Cough and Expectoration.** [750.] Cough

† Inordinate excitement was present, but nothing is said as to its being sexual.—HUGHES.

‡ Checked while on her, in Andree's case; in Greding's, delayed.—HUGHES.

at night,³².†—Cough easily excited by acid and salty things (without expectoration),¹.—**Cough very much aggravated by lying down; in the beginning many shocks of coughing as if he would vomit; constant severe cough in the evening on going to sleep,*⁷.—**Cough, almost only when first lying down, during the day or evening; he was obliged to sit up and cough it out, after which he had rest,*¹.—Urgent cough,²³.‡—[Forcible cough],²⁴.—[The most violent cough, on account of which he was obliged to keep his bed],³².§—Short, racking cough, caused by deep inspiration,¹.—[Dry hacking cough],³².||—Dry cough, with hoarseness,¹.—[760.] Loose cough, without being able to expectorate anything,¹.—*Cough, whereby something is loosened, but cannot be expectorated until afterwards, when it comes up with an easy cough, together with coryza,*⁵.—Cough as from tickling in the middle of the sternum, with and without expectation,⁴.—Hooping-cough, with expectoration of bloody mucus,²⁴.—Hooping-cough and dyspnœa,²⁴.—Yellowish expectoration, tasting like bad eggs,¹.—[Purulent expectoration from the chest],³².¶—**Respiration.** Respiration subdued,⁶⁰.—Slow respiration,¹.—[Short sighing respiration],³².††—[770.] Short respiration during rest and motion (seventh day),¹.—[Labored respiration],²³.‡‡—Impeded respiration,³⁷.—Difficult respiration,⁵².—Difficult, slow inspiration, in the evening, in bed,².—Difficult respiration and violent pain in the chest,²⁴.—Respiration, especially inspiration, was very difficult, as if the chest could not be sufficiently distended (after four hours),².—Difficulty in breathing; it seems as though something rose up into the larynx, and threatened to suffocate her; respiration was so difficult and noisy that it could be heard outside the door,⁵⁹.—Dyspnœa,²⁴.—Frequent dyspnœa,²⁴.—[780.] Suffocative attack, as if mucus collected in the throat,⁵.—Suffocative attack, as though something collected in the upper part of the larynx,¹.—Respiration ceases,⁶².

Chest.—Objective. Rattling in the chest, in the evening on lying down, followed by much cough on sitting up,¹.—**Subjective.** [Dryness in the chest],³².§§—Pains in various places on the chest, not aggravated by respiration,³⁷.—Violent pains in the chest, with severe cough,²⁴.—Very violent pains in the chest,²⁴.—Sensation of fulness in the chest; on coughing nothing will loose, followed by sticking in the sternum,¹.—Everything seems as if too full in the chest, head, and hypochondrium, for ten minutes; several mornings on waking,¹.—[790.] Tension across the chest, and pressure on it, on inspiration,¹.—Drawing and tearing through the whole chest, in the evening, in bed, when lying upon the side, with oppression of breath and hard pressure upon the upper part of the sternum, which on inspiration takes away the breath (third day),².—Dull pain in the chest, and to the left of the sternum, suddenly while sitting,³⁷.—Pressure in the chest,³⁷.—Pain under the left breast,⁵⁹.—Pressure in the ribs,³⁷.—**The clothes lie like a weight on the chest and shoulders,*¹.—**Sharp thrusts directly through the chest, from the sternum to the spine, while sitting,*³⁷.—Sudden sticking between

† Not found.—HUGHES.

‡ See note to S. 328.—HUGHES.

§ This supervened in a case of tubercle of the breast, while taking Conium.—HUGHES.

|| See note to S. 784.—HUGHES.

¶ In a case of mammary cancer, where the lungs were found cancerous after death.—HUGHES.

†† See note to S. 487.—HUGHES.

‡‡ See note to S. 328.—HUGHES.

§§ In a case of suppurating mammary scirrhus; this and S. 758 coincided with the discharge becoming thin.—HUGHES.

the right nipple and sternum, while sitting, aggravated by even slight inspiration,³⁷.—Throbbing-sticking pain in the upper part of the left chest, more towards the middle,¹.—Stitches in the chest, aggravated by inspiration, and almost preventing it, not relieved by strong pressure, mostly while sitting,³⁷.—[800.] Stitches beneath the ribs,³⁷.—Stitches behind the cartilages of the eighth and ninth ribs,³⁷.—Dull stitches between the cartilages of the ninth and tenth left ribs,³⁷.—Tearing in the chest,¹.—Scrapiug and crawling in the chest, with irritation to dry, almost constant cough,¹.—Tremor at base of clavicle and in muscles across chest, just above the sternum (first hour),⁶³.—Itching in the interior of the chest,¹.—*Mammæ*. Complete atrophy of mammary gland; lean, a flaccid, baglike skin; wasting of the breasts,⁶².—The female breasts shrivelled to a simple fold of skin,⁵⁰.—***Hardness of the right breast, with painfulness to touch and nightly stitches in it,**¹.—[810.] Inflammation of a mammary scirrhus,²⁴.—[**The glands become painful in the evening*],³².†—The female breasts ache,¹.—Sticking in both nipples and vicinity, in bed, and on the inner surface of the left cheek,³⁷.—***Stitches, as with needles, in the left mammary gland,**³⁷.—*Front*. Caries of the sternum,²².—Stiffness in the sternum on physical exertion,¹.—Pain in the sternum, as if pressed inward,¹.—[Burning in the region of the sternum],³².‡—Pressure behind the sternum and the left side of the chest, while sitting, not aggravated by inspiration,³⁷.—[820.] Pressive pain upon the sternum in the morning, with difficult breathing while standing (third day),².—Pressive pain on the sternum the whole day, with now tearing, now sticking pains about the breast and nipples, accompanied by frequent oppression and shortness of breath (fourth day),².—Oppression and severe pressure externally on the sternum, after eating,¹.—Stitches behind the sternum, extending to the axillæ,³⁷.—Bruised pain on the inner surface of the sternum,¹.—Bruised pain in the forepart of the chest and in the back,¹.—*Sides*. Cutting pressure on both sides of the chest, aggravated by inspiration (after fourteen hours),⁶.—Fine sticking pressure in both sides of the chest, most severe when he lies upon the front of the chest,⁶.—Pressive pain in the right side of the chest and abdomen, aggravated by inspiration,¹.—Frequent oppression of the upper part of the right side of the chest, with sensation as if it were caused by incarcerated flatulence,¹.—[830.] On coughing, sticking in the left side of the chest for three hours, so that she, being waked by it, slept uneasily,¹.—[Stitches in the side of the chest],³².§—Stitches beneath the ribs of the left side, obliging him to press upon them, while sitting,³⁷.—Stitches in the right side of the chest, as from needles, on walking in the open air,⁴.—Severe stitches, like knife thrusts, in the side, with loud cries on this account,¹.—**Violent stitches in the right side of the chest about the nipple, on every inspiration while walking, relieved by hard pressure with the hand,*³⁷.—Fine stitches in the left side of the chest beneath the axilla,⁶.—Cramplike tearing in the right side of the chest,⁴.

Heart and Pulse.—Præcordium. Anxiety at the heart,⁵².—Anxious sensation in the heart, with rapid action of the heart,³⁷.—[840.] Pressure at times in the præcordial region, as if the heart would be pressed down, with oppressed breathing (third day),².—Dull stitches above the heart on deep inspiration, although also soon afterwards on every motion

† In a case of scirrhus mamma.—HUGHES.

‡ From injecting Conium into a fistula of the neck.—HUGHES.

§ In a case of caries of the ribs.—HUGHES.

of the body,¹.—Flying stitches and tearings, at one time in the cardiac region, at another in the hands, head, and legs,³⁸.—Frequent shocks in the heart,¹.—**Heart's Action.** Palpitation on rising,¹.—**Palpitation after a stool, with intermissions in the beats of the heart,*¹.—Frequent visible palpitation,³.—*Violent palpitation after drinking,*¹.—Anxious palpitation, on being suddenly awakened by a loud noise,³⁷.—Heart's impulse very weak,⁶⁰.—**Pulse.** [850.] Rapid pulse,¹⁷.—Pulse extremely rapid and tense,⁴⁹.—Pulse went up to 120 from emotional excitement; but in a few minutes the heart regained its usual quietude,⁴².—Pulse and temperature lowered,⁴⁰.—Pulse slow and weak,²⁷.—Pulse small, soft, slow (soon after 40 drops),³⁷.—Pulse 56 (after half an hour),⁶⁰; (two hours just before death),⁶³.—The pulse, during the period of greatest influence, and while I was sitting, beat with undeviating precision 60 strokes in a minute; this is, perhaps, two or three beats below its natural velocity when the body is at rest. It was also fuller and stronger than usual. It might have been modified by the general condition of the system on that day, but this influence would probably have increased its rapidity (nineteenth day),³⁹.—[Pulse unequal in strength and rapidity],³².†—Pulse large, slow; between these, without regularity, there are several small rapid beats,¹.—[860.] The pulse is felt in the whole body,¹.—Pulse small and weak,⁶⁰.—Pulse small, hard,³⁰,⁴⁶.—Pulse was soft and feeble, but not more frequent than usual,⁴¹.—Loss of pulse,²⁷.—Pulse not to be felt,⁶¹.

Neck and Back.—**Neck.** Apparent thickening of the neck,¹.—Tensive pain in the nape of the neck during rest, with sensation of dryness in the throat,¹.—Drawings in the nape of the neck, when walking in the open air (after one hour),².—Drawings in the right side of the neck, extending to the shoulder-joint, during rest (third day),².—[870.] Throbbing drawing on the nape of the neck, whence it extended to the right shoulder (after eight hours),².—Sticking in the muscles of the nape of the neck, on the right side, and in the left calf, as with needles,³⁷.—Stitches and pressure in the muscles of the nape of the neck,³⁷.—**Back.** [Tensive pain in the back],³².‡—Cramp in the back, with severe aching and drawing,¹.—Pain as if sprained in the left side of the back, during the first day,¹.—Crawling in the spine as if asleep,¹.—*Dorsal pain, between the shoulders,* and in the lumbar region,⁴³.—Painful tension in the muscles beneath both scapulæ, during rest, much aggravated by raising the arms,⁶.—Drawings beneath the right scapula,³⁷.—[880.] Drawing pain in the right scapula,¹.—Pressive stitches between the scapulæ, also in the lumbar region, in the region of the short ribs, and in both hypochondria,³⁷.—Severe pressure beneath the right scapula, on every motion of the arms,¹.—Dull stitches between the scapulæ,¹.—**Lumbar.** Great pains in the loins,⁴³.—Drawing through the lumbar vertebræ while standing (after half an hour),².—Pressure in the right lumbar region,³⁷.—Pressure in the left lumbar region and beneath the margin of the left ribs,³⁷.—Stitches in the lumbar muscles, with painful stiffness on moving the back while sitting,³⁷.—Pains in the small of the back,¹.—[890.] Pains in the small of the back on bending backward,¹.—Severe pains in the small of the back on walking a little, followed by nausea and exhaustion,¹.—*Stitches in the small of the back, with drawings through the lumbar vertebræ, while standing* (after three hours),².—**Sacral.** The ischia pain on rising from sitting, not while sitting,¹.

† See note to S. 488.—HUGHES.

‡ See note to S. 818.—HUGHES.

Extremities in General.—Objective. Knees and elbows much swollen,⁶².—**Trembling of all the limbs*,¹⁸.—Partial loss of power on moving her joints; cannot raise her hands to her head, or extend her legs,⁶².—Without power to move the arms or legs,⁴².—**Difficulty in using his limbs, so that he was unable to walk*,⁵⁶.—She dropped an inkstand which she was holding in her hands, and was unable to walk, and she was placed in a recumbent position,⁴².—[900.] Complete paralysis of the limbs, with complete unconsciousness,⁵⁶.—A numb feeling in the lower extremities, with utter want of power to move them; this was followed by a similar state of the upper extremities. Along with the numb feeling there was a sensation of stiffness in the limbs different from the feeling of powerlessness of motion. The numb powerless sensation then extended over the whole body, but was not accompanied with coldness of the surface. The sensibility of the skin was normal. On the next day such a feeling of weakness in the limbs that they shook under her, as if she “had been recovering from a fever,”⁵⁹.—**Subjective.** All the limbs are affected before menstruation, with weeping mood, restlessness, and anxious solicitude about every trifle,¹.—The limbs fall asleep,¹.—Sensation of an unfastening of the joints of the arms and legs, which causes weakness,¹.—Gritty sensation in her joints when moved,⁶².—Pains in the joints of the hands, feet, fingers, and toes,³⁷.—Pains and swelling in her joints, and numbness, after exposure to cold and wet,⁶¹.—Weary pain in all the joints,¹.—Drawings in the limbs,³⁷.—[910.] Drawings in the right fingers, and in the right great toe, and in the evening on the anterior portion of the right lower leg, and in the left toes in the evening, in bed,³⁷.—Dragging sensation in limbs,⁴⁰.—Pressure and tearing in the joints of the arms, legs, fingers, and toes,³⁷.—In the morning a pressive pain in the joints of the upper arm and upper thigh arouses him from sleep,¹.—Cutting pain in the flesh below the nail of the left thumb, and on the right great toe, with burning,³⁷.—Tearings in all the limbs, almost as from a sprain,¹.—Wandering tearing in the arms and legs, as also in the teeth (first days),¹.—Bruised sensation in all the joints, during rest; less or not at all during motion,¹.—Bruised pain in the arms and legs,³⁷.—Severe bruised pain in all the limbs,¹.—[920.] Tearing in one or another limb, in bed, in the evening,².—Buzzing and tingling in the limbs,¹.

Superior Extremities.—Objective. The arms when lifted fall like inert masses, and remain immovable,⁶².—Tickling in the armpits excites no motion of the arms,⁶².—Twitchings in the arms and hands at night in sleep, preceded by ill-humor; the eyes are open and staring, and are turned here and there,¹.—**Subjective.** Sensation of great weariness in the whole right arm, frequently repeated,³⁷.—Sensation of weakness in the arms,³⁷.—Drawing pain up and down the arm, mostly on moving it,¹.—**Axilla.** Sticking in the left axilla,³⁷.—Stitches in the left axilla,³⁷.—[930.] Sharp stitches in the right axilla,³⁷.—Sharp stitches in the left axilla, shooting along the inner side of the upper arm, several in succession,³⁷.—**Arm.** Mingled weariness and weakness in the lower part of the biceps brachii muscle. I particularly studied this feeling and can give no other idea of it except by comparing it, as already done, to a mixture of weariness and feebleness or debility. It was not unpleasant, and there was a constant disposition to flex and extend the forearm (eighteenth, nineteenth, and twentieth days),³⁹.—Pain as from fatigue in the soft parts of the outer and upper portions of the right upper arm, so that it was difficult to raise it several times during the day,³⁷.—Drawing on the inner

side of the right upper arm,³⁷.—Drawings in the posterior surface of the left upper arm,³⁷.—Drawings in the inner side of the right upper arm,³⁷.—Paralytic drawing pain in the upper arm during rest (after one hour and a half),².—Stitches on the inner side of the upper arm, and in the axillæ,³⁷.—Tearing through the upper arm in the evening, in bed (first day),².—[940.] Tearing alternating with stitches in the upper arm during rest, only transiently relieved by motion,².—**Elbow.** Cracking in the elbow-joint, especially in the evening,¹.—Heaviness in the elbow-joint, with fine stitches,¹.—Cramplike pain in the muscles of the forearm, especially when resting on the arm (after one hour and a half),⁶.—Drawings in the left elbow, and in the right heel,³⁷.—Cutting pain in the bend of the left elbow from within outward during rest (after fifty hours),⁶.—Stitches in the left elbow,³⁷.—Tearing pain in the elbow on walking in the open air,¹.—Bruised pain in the left elbow,³⁷.—Bruised pain in the right elbow-joint,³⁷.—**Forearm.** [950.] Drawing and pressing in the forearm,³⁷.—Drawing in the extensors of the right forearm,³⁷.—Drawings in the muscles on the outer and inner side of the left forearm,³⁷.—Drawing on the lower portion of the right forearm,³⁷.—Dull drawing in the forearms, worse during rest than during motion (after seventy-two hours),⁶.—Pressure extending from deep in the left forearm to the fingers,³⁷.—Stitches with sensitiveness of the skin to touch on the dorsal surface of the right forearm,³⁷.—Bruised pain in the extensor muscles of the right forearm,³⁷.—Bruised pain on the outer side of the left forearm, worse when touched (after sixty-two hours),⁶.—**Wrist.** Cracking in the wrist, especially in the evening,¹.—[960.] Paralytic drawing pain in the wrist during rest,².—A pressing in the flexor tendons above the left wrist,³⁷.—Sticking pain as if sprained in the articulation of the metacarpal bone of the left thumb with the wrist, especially on bending it inward,¹.—Fine stitches in the wrists (after ten minutes),⁶.—**Hand.** Deadness of the left hand, especially of the palm,¹.—Boring pain in a small spot in the palm of the left hand at the point where the line surrounding the ball of the thumb meets with that of the third finger,³⁷.—**Fingers.** Yellow finger-nails (sixth day),¹.—Twitching of the muscles of the ball of the left little finger,³⁷.—Long-continued visible twitching of the muscles of the ball of the left thumb, which draws the thumb and metacarpal bone back and forth; if the thumb is forcibly kept straight by the extensors the twitching can be seen under the skin; when the force of the extensors is relaxed the thumb begins to twitch again,³⁷.—Numbness of the fingers,¹.—[970.] Numbness and coldness of the fingers and toes,¹.—The fingers become spasmodically stiff and cramped on cutting with sheafs,¹.—Burning pain on the flexor surface of the index finger, and afterwards a hard, long-continuing lump at that place,¹.—Drawing in the fingers,³⁷.—Drawings in the left thumb,³⁷.—Drawing in the first phalanx of the left little finger, with a feeling of stiffness, which remains even after moving the fingers,³⁷.—Sharp drawing in one or another finger,¹.—Dull pain, with feeling of stiffness in the right fourth finger, followed by severe pressure on the upper and outer portion of the left upper arm,³⁷.—Stitches as with needles beneath the finger-nails (fifth day),¹.—Stitches beneath the nails of the right hand,³⁷.—[980.] Stitches in the tips of the fingers, as with needles,³⁷.—Sharp stitches in the metacarpal joints of the fingers during rest (after one hour and a half),⁶.—Pain under the nail of the right index finger as if the part were torn and the nail pulled up,³⁷.—Numb pricking sensation was felt in the fingers, extending gradually to the elbows, producing a stiffness of the muscles of the parts, making it difficult

to move the forearm and hand,⁴¹.—Cutting shocks in the last metacarpal joint of the thumb (after forty-eight hours),⁶.

Inferior Extremities.—**Objective.** Staggering while walking,³⁷.—Staggering gait,⁵⁶.—Gait faltering, vacillating; he *staggeres* as if drunk, dragging his legs after him,⁶².—Loss of power and heaviness of the legs, especially of the knees, as if they would knock together; they trembled,¹.—Painless loss of power in the inferior extremities,⁶².—[990.] After twenty minutes he got up and walked a mile; but the legs were so weak that they could hardly support him; the knees tended to fall forwards, and his gait was tottering,⁴².—In dismounting about an hour from the commencement of the symptoms (about an hour and a half after taking the dose), I found so much difficulty in walking as to require assistance to reach the house, the inferior extremities appearing nearly paralyzed. So little pain or distress was felt, however, that I laughed heartily at the predicament I had so unwittingly placed myself in. Feeling anxious to get rid of this annoyance, as well as from the solicitude of those around me, I tried what effects smoking tobacco would produce. I had been in the habit of using this luxury occasionally, and at this time had a strong desire for it. Whether from this cause or from rest and composure I soon felt very much relieved. Vision became clearer, the limbs less troublesome, and whilst sitting, little or no apparent effects of the poison remained. On rising, however, the inferior extremities persisted in their unwillingness to move, but much less than before. The whole day passed without being entirely rid of these feelings,⁴¹.—Complete *paralysis of inferior extremities, afterwards of the upper*, or the reverse,⁶².—Intoxicated sensation while walking, as if his steps were somewhat impeded; he, however, walked very rapidly,².—Sensation of heaviness in the lower extremities, and feeling as though she was unable to move them; the same sensation in the arms, with a general feeling of weakness in the limbs distinct from the sensation of paralysis; this latter sensation affected the whole body,⁶⁹.—**Hip.** Hip-joints almost immovable,⁶².—The right hip is painful, and feels as if sprained, in the evening while walking,¹.—**Thigh.** Numbness in the thighs,⁴³.—**Sensation of weakness, even to trembling, in the right thigh, while walking*,¹.—Cramplike pain in the anterior muscles of the right thigh, while walking in the open air (after thirteen hours),⁴.—[1000.] Dull drawing in the right thigh during rest, relieved by motion (after one hour and a half),⁶.—Stitches in the hamstring while walking in the open air,².—Stitches as from needles in the muscles of the left thigh while sitting,⁴.—Long-continued deep stitch at the superior attachment of the gluteus maximus muscle (after three hours and a half),².—Dull stitches in the thigh, near the trochanter, not preventing walking (after a quarter of an hour),⁶.—Dull tearing in the forepart of both thighs while walking,¹.—Fine crawling in the posterior surface of the thigh,⁶.—**Knee.** Crackling of the knee (in the patella?) on becoming erect,¹.—Mingled weariness and weakness in the knees, and the gait was not so firm as usual (seventeenth and subsequent days),³⁹.—For one hour and a half the muscular weakness continued to such a degree that, after walking upstairs, the knees ached from sheer weariness, and I could hardly prevent myself from tottering, and was glad to come to a state of rest,⁴².—[1010.] Upon going upstairs, the knees were so weak as to render the ascent very difficult without assistance by taking hold of the balustrade (nineteenth day),³⁹.—Stiffness, with pain, in the tendons under the left knee, while beginning to walk,³⁷.—Fatiguing pain about the knee, lasting half an hour,¹.—Paralytic pain in the hollow

of the knee, as in dropsy of the knee-joint,¹.—Rheumatic pain in the knee the whole day (fifteenth day),¹.—Dull pain in the knee, on stepping,¹.—Dull pain in the left knee on stepping,⁵.—Drawing beneath the right patella,³⁷.—Pain as if sprained in the right knee,¹.—Frequent stitches in the knees,³⁷.—[1020.] Tearings about the patella while sitting,².—Tearing pain about the knee-joint,¹.—Bruised pain, or feeling as if the patella were broken in the whole left knee, causing loud cries, while walking and standing in the open air, with anxious heat all over, on exhausting one's self in walking,⁴.—**Leg.** A place on the leg that had been bruised twelve days previously, and had remained painful to this time, became blue and mottled, and pained on the slightest motion like the cutting of a knife, with a feeling as if bruised, on walking or on touch,¹.—[Swelling of the legs],²³.†—Slight occasional movements of left leg,⁶².—Jerking and uneasiness in the legs, at times followed by shivering, at night,¹.—The legs go to sleep while sitting,¹.—Drawing on the outer side of the right leg,³⁷.—Drawings in the muscles of the right leg, as far as the foot and toes,³⁷.—[1030.] Drawing and tearing in the left leg, with great uneasiness, so that she could not keep still a moment,¹.—Severe oppressive sensation and weakness in the anterior surface of the right leg, extending down to the foot, in bed; afterwards the same sensation in the left lower leg, obliging him to rise and walk about, whereby it was relieved for the moment,³⁷.—Tearing in the leg, extending upward from the inner side of the foot, in the open air,¹.—Dull tearing along the leg, extending upward from the external malleolus, in the open air,¹.—Tingling pressure on the tibiæ, on stretching out the limbs while sitting,².—Tearing on the tibia, in the evening, in bed (first day),².—Cramp-like tearing in the tibia, while walking in the open air,⁴.—Bruised pain in the tibiæ,².—Tensive stiff pain in the calves,¹.—Drawing in the right calf,³⁷.—[1040.] Drawings in the left calf and back of the foot,³⁷.—Drawings in the lower portion of the left calf and sole of the foot,³⁷.—Drawings on the inner side of the left calf, and on the back of the right foot,¹.—Pressure in the right calf,³⁷.—**Ankle.** Dull pain in the ankle,⁵.—Stitches in both right malleoli, at first fine, then sharp, for two days and nights, waking him from sleep, at last extending into the calves, slower while sitting, but more frequent and severe while walking,¹.—Tearings in the ankle from noon till evening, worse while sitting and walking,¹.—Bruised pain in the left ankle, with tension and feeling of stiffness on moving it,³⁷.—**Foot.** Swelling of the feet, painful, and not disappearing during sleep,¹.—Swelling of the whole foot, with burning pain,¹.—[1050.] Trembling of the feet, in the morning on rising,¹.—[Arouses the podagra],¹³.‡—Numbness and insensibility of the feet,¹.—Burning and throbbing sticking in the bend of the foot,¹.—Numb prickling sensation in the feet, creeping slowly upward until it reached the upper part of the thigh,⁴¹.—Tearings on the back of the foot, in the evening, in bed (first day),².—Tearings in the soles, while walking,¹.—Crawling pain in the soles of the feet, while stepping upon them, but stitches in them while walking,¹.—Numbness of both heels, with prickling as from needles, while sitting,³⁷.—Heavy clogging sensation in the heels (after three-quarters of an hour),⁴².—[1060.] Sensitive burning pain beneath the heel on stepping upon it, with redness and swelling of the place,¹.—Sharp drawings beneath the heel,¹.—Much sticking in the right heel, while walking and standing,³⁷.—**Toes.** Burning pain beneath the toes, while sitting,¹.—Drawing in the toes,³⁷.—Drawing in the left toes,³⁷.—

† See note to S. 328.—HUGHES.

‡ In gouty subjects.—HUGHES.

Drawings in the lower surface of the left great toe,³⁷.—Pressure in the ball of the right great toe,³⁷.—Cuttings at the tips of the left toes,³⁷.—Stitches and burning in the tip of the left great toe,³⁷.—[1070.] Stitches in the tip of the left great toe, as if under the nail, while sitting,³⁷.—Pulsating stitches in the little toe, which is also painful while walking.¹.—Tearings in the ball of the great toe, in the morning, while standing and sitting,².—Burning tearing in the metacarpal joint of the great toe, on waking from sleep while lying,¹.—Prickling in the toes,³⁷.—The tips of the toes pain as if suppurating.¹.

General Symptoms.—Septic dissolution of the fluids,²⁹.—In the bones, especially in the middle of the long bones, concealed caries, with burning-gnawing pain,³².—Consumption,^{14 29}.†—[Dropsy],³³.‡—[1080.] He walks about as if half asleep,¹.—Throbbing motion and trembling of the whole body, especially severe in the arms (fifth day),¹.—*Trembling*,^{40 15 17}, etc.—Constant trembling,⁹.—He starts at every sound,¹.—Jerklike startings up as in fright,³⁷.—Subsultus tendinum,¹⁷.—The whole upper portion of the body was seized with violent spasms, while the lower extremities were paralyzed,⁴¹.—*Convulsions*,^{9 14 35}.—Convulsions of affected parts, and of the whole body, with danger of stupefaction,²⁴.—[1090.] Most violent convulsions, with constant uneasiness and wild fancies,⁵⁵.—Hysterical attack, with chilliness and a kind of spasmodic motions,²⁰.§—Relaxation of muscles and limbs, followed by difficulty of walking and want of power to control movements; forced to lie down (half an hour),⁶³.—*Very easily overstrained*,¹.—There was a distinct impairment of motor power. I felt, so to speak, that “the go” was taken out of me. It was not that I felt fatigued just then, but it seemed as if a drag was suddenly put upon me, and that it would be impossible to walk fast, if urged to do so (after three-quarters of an hour). After walking about a mile uphill, this sensation was very decided; and on putting a foot on the scraper at the door of the hospital, the other leg was shaky, and felt almost too weak to support me. My movements appeared clumsy to myself, and it seemed necessary that I should make an effort to control them,⁴².—Languor, muscular weakness, with strong desire to assume a recumbent posture,⁴⁰.—If a strong, active individual take 5 or 6 drachms of the succus on getting up in the morning, and start off for a long walk, he will be overtaken in the course of half or three-quarters of an hour with a feeling of general tiredness, and a special weakness of the knees, as if he had been regularly tired out by walking all day to the full extent of his powers. If he be unusually active and strong, he will not, perhaps, yield to the inclination to rest, but will proceed slowly on his way, feeling a strange lightness, powerlessness of the legs, with a tendency to drop forward on his knees. This will be associated with some giddiness, and a feeling of heaviness over the eyes. At first the feeling of languor will be most oppressive, but it will soon become more tolerable; and, if he should continue his journey for an hour, he will find that the feeling of fatigue has by this time nearly passed off. In the course of another hour he will be as active as ever,⁴².—Loss of power on waking from the midday nap; the arms and legs feel prostrated,¹.—Loss of her strength even to death,²¹.—[1100.] The most powerful and active subjects lose their

† In Collins's case the end of mesenteric disease in which Conium was given.—HUGHES.

‡ The end of a case of mammary cancer.

§ For Gelding read Greeding; not found.—HUGHES.

strength, and are obliged to keep their beds,²⁴.—[Sinking of all the forces],³².†—Weakness,⁵².—Weakness of the whole body,³⁶.—Weakness, in the morning, after waking, as after a fever,¹.—Weakness in the morning on waking, which disappears after rising,¹.—Weakness of the whole body in the morning fasting, as after severe illness, with loss of appetite as from satiety, and aversion to food,¹.—Was obliged to keep his bed on account of weakness and chilliness with palpitation and headache,¹.—Attack of weakness and chilliness, so that he was obliged to lie down, followed the next day by headache and palpitation most violent; it seemed on every beat of the pulse as if the occiput were being pierced by a knife, and the heart seemed at times to throb violently, at times to make great haste, and at times to waver,¹.—[1110.] Great weakness and exhaustion after eating,¹.—Remarkable weakness of the whole body, in the morning and evening,¹.—*Tremulous weakness after every stool, *disappearing in the open air*,¹.—Muscular weakness, causing slight tottering,⁴².—Weak and sick in the morning, in bed, with ill-humor, sleepiness, and pains in the stomach (second day),¹.—So weak that she was obliged to lie down,¹.—Exhaustion of mind and body (fourth day),¹.—Great exhaustion,¹.—Very much exhausted, weak and as if paralyzed, after a short walk, with fretful hypochondriac mood,².—[1120.] Walking in the open air is exhausting and the air affects one,¹.—Nervous prostration,³¹.‡—Paralysis,^{8 9}.—General paralysis of all the voluntary, and ultimately of all the involuntary muscles; those of deglutition being the first, and of respiration the last to fail,⁶⁰.—The paresis, which had hitherto been mainly confined to the ocular muscles, became general, and then I found that, even with the eyes shut, any movement involving the balance of the body was attended with a singular uncertainty and falling short of the desired effect, and this was again invariably accompanied by a fresh rush of seasick feeling. I accordingly now settled back in my arm-chair, shut my eyes, and for some ten minutes kept absolutely still, with every muscle completely relaxed. The seasickness then speedily disappeared, and I became wholly unconscious of any influence of the poison whatsoever. Indeed I had to open my eyes at last and experimentally look about, in order to know whether the enemy was still with me at all or not,⁴⁵.§—*Faintness,^{24 28}.—Attacks of faintness, in each of which she remained about five minutes without consciousness,⁴⁹.—Constant uneasiness,³⁷.—Hastiness and uneasiness in all his actions,³⁷.—Hurried mood,¹.—Constant tossing about, with violent screaming,⁵⁵.—**Subjective.** [1130.] General increased liability to take cold,¹.—*Great liability to take cold*, even in the room, while sitting after a walk, during which he had perspired,¹.—Dulness of all the senses,²⁷.—Disinclined to work,¹.—During the action of hemlock, a sensation of muscular weariness, almost amounting to aching, is not uncommon, particularly if bodily exertion be continued the while,⁴².—I sat down to note these observations; but, being afraid to maintain this posture lest the rapidly decreasing muscular energy should get the better of me, I rose up again and tried to shake it off. An hour and a quarter after taking the dose, I first felt decided weakness in my legs. The giddiness and diminution of motor power continued to increase for the next fifteen minutes. An hour and a half after taking the dose, these effects

† In case of note to S. 784. This and 1283 supervened on a free purulent discharge setting in, and were removed by bark.—HUGHES.

‡ After taking Conium for seven months.—HUGHES.

§ Following symptom.

attained their maximum ; and at this time I was cold, pale, and tottering. The pulse which had been emotionally excited by the sudden accession of the foregoing symptoms, was now 68, quite regular, and of undiminished force and volume. The legs felt as if they would soon be too weak to support me. There was a positive diminution of voluntary power in every part of the muscular system, and this nearly amounted to complete paralysis as far as the hamstring and levator palpebræ muscles were concerned. At one time, the greatest exertion was required to elevate the eyelids. The mind remained perfectly clear and calm, and the brain active throughout ; but the body seemed heavy, and well-nigh asleep. After continuing for about half an hour at their maximum, the symptoms began rapidly to decline, and within three hours and a half after taking the dose they had totally disappeared.⁴²—He cannot get rested in any position,¹.—Heaviness and unsteadiness of the whole body, in the afternoon,¹.—A kind of stiffness of the body ; movement of the limbs, neck, etc., causes an unpleasant sensation,¹.—Feeling in the morning, as though he had not slept enough,¹.—[1140.] Standing is very irksome,¹.—On returning from a walk every step was excessively irksome, and he could scarcely wait a moment on account of ill-humor and impatience for the time when he could rest in solitude,¹.—He feels the blood very uneasy in the whole body,¹.—Feeling as though the whole body were inclined towards the right side,³⁷.—A place injured several years previously frequently begins to pain,¹.—Contractive sensation in the inner parts, wherewith saliva accumulates in the mouth,¹.—Cramplike and spasmodic pain in various parts of the body, chest, jaws, etc.,¹.—Fine cutting in the glands,¹.—Paroxysm, usually after eating, commencing with yawning, sticking in the sternum, and pressure in the pit of the stomach, even on touch, whence it extended to the back and became sticking in the region of the kidneys,¹.—Sticking sensation in the whole body,¹.—[1150.] Smarting-sticking pains about the swollen glands,¹.—Stitches in the swollen glands,¹.—Tearing stitches now here, now there, very piercing, as if to the bone,¹.—Tearings through various parts of the body (fourth day),².—General bruised sensation,¹.—Took three doses of 60 grains each. The effect was greater in the evening than in the middle of the day, but less than in the morning. The recumbent position might have had some influence in diminishing the appreciation of this effect (nineteenth day),³⁹.—*Symptoms are worse at night*, and wake him from sleep,¹.—The pains appear mostly during rest ; on motion they appear only during the infrequent alternate action,².—9½ P.M., took 60 grains after eating apples. The action was less powerful than in the middle of the day (eighteenth day),³⁹.—In thirty-five minutes after the second dose of 60 grains, that day the action of the medicine appeared to have reached its maximum, which it maintained about fifteen minutes, with the sensations in the head, elbows, and knees already described, and to a greater degree than after any dose previously taken. In one hour and a half from the time of taking it, its apparent effects had entirely disappeared (eighteenth day),³⁹.

Skin.—Objective. [1160.] Blueness of the whole body,¹⁷.—Skin blue, and covered with cold sweat,⁵⁴.—Yellow spots on the fingers (fifth day),¹.—Petechiæ,²⁷.—Inflammation of the skin of the whole body, which is painful and burning,¹⁰.—**Eruptions, Dry.** Fine, scarcely visible eruption on the face, back, and rest of the body ; itching like a creeping under the skin,¹.—Papulous eruption on the forehead, with tensive-drawing pain (fourth day),².—Papulous eruption on the chest, which is painful to touch,¹.—A large papulous eruption on the mons veneris, which was painful

to touch,¹.—Pimples on the forehead, with tensive pain, which, during and after itching, becomes tearing in their whole vicinity (second and third days),².—[1170.] Eruption of several pimples above the forehead, one of which became as large as a hazelnut within fifteen days; the tips were painful to touch (after twenty-four hours),¹.—A pimple appeared in an old “liver spot” on the cheek,¹.—Breaking out on the lips, following slight fever,³². †—**Eruptions, Moist.** [Eruption of white, transparent pimples, which become filled with an acrid moisture, and form scabs similar to scabies, together with localized, offensive, biting sweat],³². †—Vesicles on the upper lip, on the vermilion border, with smarting pain,¹.—An eruption of two vesicles as large as the head of a pin, filled with colored fluid, surrounded by a bright-red areola,³⁷.—Small vesicles, with bright areola near the knuckle of the left little finger,³⁷.—Three small vesicles, with a red areola and itching, which is worse after scratching, between the thumb and index finger on the back of the right hand,³⁷.—Small itching vesicles on the back of the ball of left thumb,³⁷.—**Eruptions, Pustular.** Pustules on the feet,¹.—[1180.] A pustule in the fold near the right wing of the nose,¹.—**Ulcers.** Ulcers, with inflammation around the finger-nails, and throbbing, suppurating, burning pains,¹.—The margins of an ulcer became black, with discharge of offensive ichor,³².—Offensive ichor from an ulcer,³². § Cold gangrene in a portion of an ulcer,²⁰. ||—Bleeding of an ulcer,²⁰. ¶—**Subjective.** Slow itching-biting burning stiches here and there on the body,¹.—Itching stiches as from fleas, in rapid succession, here and there over the whole body, always singly, never two at a time,¹.—Transient itching here and there in all parts of the body,¹.—[Pain shoots into an ulcer on coughing],³² † †.—[1190.] [Increased pain in an ulcer; tensive pain in an ulcer],³². † †—Burning and sensitiveness of the skin on the side of the left little finger, with redness of the part,³⁷.—Burning, with great sensitiveness of the skin, above the left knee,³⁷.—Painful burning and sensitiveness of the skin on the back of the left forearm, and even on slight touch, but nothing was visible,³⁷.—Severe burning in the skin on the right side of the forehead,³⁷.—Violent burning in the skin of the right temple, afterwards in the tip at the side of the nail of the left thumb,³⁷.—Painful tension of the skin behind the ears and on the mastoid process, even without moving (after one hour and a half),⁶.—Drawing pain in an old wart on the upper lip,¹.—Sticking in the skin on the left zygoma,³⁷.—Itching, needle-like stiches on the posterior surface of the thigh, worse while sitting,⁶.—Sensitiveness of the skin on the back of the hands,¹.—[1200.] Smarting in the skin of the face, as if it were sore, after washing and drying the face,¹.—Crawling in the affected parts,¹⁴.—Crawling and agreeable itching in the glands,³². §§—Crawling in the toes,³⁷.—Crawling under the skin of the right cheek, extending to the corner of the mouth,³⁷.—Crawling on the back of the nose (after one hour and a half),⁶.—Itching crawling on the tip of the nose and in the nostrils,⁶.—Itching crawling in the forearm, only transiently relieved by rubbing (after one hour),⁶.—Itching around the left eye,¹.—Itching of the upper lip (after

† Hahnemann's S. 227, corrected by Dr. Hughes.

‡ Critical, with S. 1353, in a gouty patient.—HUGHES.

§ See note to S. 1190.—HUGHES.

|| Not found.—HUGHES.

¶ In mammary cancer.—HUGHES.

†† See note to S. 766.—HUGHES.

‡‡ Variations of an open cancer of the face while the patient took Conium.—HUGHES.

§§ Not found.—HUGHES.

half an hour),⁶.—[1210.] Itching on the pit of the stomach while walking,¹.—Itching in the abdomen,¹.—Itching shivering from the nape of the neck to the head (fourth day),².—Itching of both breasts; on rubbing the skin becomes rough and red, with a burning sensation,¹.—Agreeable but violent itching in both nipples (after four hours),⁴.—Itching on the small of the back,³⁷.—Itching of the limbs,³².—Severe itching in the ball of the left hand,³⁷.—*Itching on the back of the fingers*,¹.—Itching on the flexor surface of the right wrist,³⁷.—[1220.] Itching on the back of the balls of both thumbs; on the next day some small vesicles appear at this place,³⁷.—Itching on the sides of the third and fourth fingers, transiently relieved by rubbing,³⁷.—Itching in the left thumb and little finger,³⁷.—Itching of the thighs and arms,¹.—Itching in the hollow of the right knee,³⁷.—Itching and sticking on the legs and feet, and also in the palm of the left hand; with stitches, as from needles,³⁷.—Itching on the right lower leg, followed by burning sore pain, lasting some time; the spot remained slightly red; on the next day this burning had extended, and was much increased by touch of the hand, but there was nothing visible externally; during the next day a small bright-red spot appeared, which did not disappear on pressure, and in which the burning was most severe; the spot, as also the skin about it, was very sensitive to the slightest touch,³⁷.—Itching on the back of the toes and fingers,³⁷.—Frequent itching in various places on both wrists,³⁷.—Much itching on the right half of the body,³⁷.—[1230.] Severe itching about the chin,¹.—Severe itching and itching pimples on the soles of the feet,¹.—Intolerable itching in the fossa between the nates,¹.—Sticking itching across the whole external chest, which only transiently disappears on scratching (after one hour),⁶.—Continued sticking itching in the cheek and right side of the face, only relieved by repeated scratching,².—Corrosive itching, always commencing with sticking, in the evening, in bed, only on the right half of the body, especially when lying upon it, with uneasiness in all the limbs, easily relieved by scratching, but constantly reappearing in another place,¹.—Itching corroding on the forehead, only transiently relieved by rubbing,⁶.

Sleep and Dreams.—Sleepiness. Frequent yawning, as from insufficient sleep,⁴.—Sleepiness during the day; he cannot keep awake while reading (after three and eight hours),¹⁴.—Sleepiness during the day, without being able to sleep,¹.—[1240.] Great sleepiness in the evening and disinclination for all occupation,².—Sleepy in the morning on rising,¹.—Sleepy in the afternoon; is obliged to lie down and sleep in spite of everything,⁴.—Very sleepy and weary, in the morning, on waking (first two hours),¹.—Drowsiness (one hour and a quarter),⁶³.—Dozing, even while walking in the open air,¹.—Usually in half an hour the patient is asleep,⁴⁰.—Quiet sleep, especially in the morning it is very sound and much longer than usual (in part curative action),².—Stupid, much too sound sleep, after which the scarcely noticed headache becomes steadily worse,¹.—Is unable to arouse himself from sleep at the usual time of waking, and for a long time afterwards feels sleepy,¹.—[1250.] Slumbering the whole day, with great prostration,¹.—Coma,^{37 35}.—At the time of general paralysis coming on there is more or less coma, collapse, or a condition between the two; there is foam from the mouth, and death is apparently the result of coma,⁶⁰.—Comatose, unconscious, breathing with extreme difficulty,⁴⁶.—Growling in sleep at night,¹.—He uncovers his arms in sleep,¹.—**Sleeplessness.** *Falls asleep late, only after midnight*,¹.—Interrupted sleep,¹.—He awoke at midnight with sweat,¹.—Waking earlier than usual in the morning,¹.—

[1260.] Anxious half-waking from a sound sleep,¹.—Loss of sleep,^{24 29}.—Loss of sleep on account of uneasiness and heat; tossing about the bed,¹.—**Dreams.** Confused dreams, with uneasy sleep,¹.—Many confused dreams during the night,³⁷.—Vivid voluptuous dreams,⁴.—Bad dreams frequently interrupt sleep (first day),¹.—Dreams full of shame,¹.—An anxious dream before menstruation,¹.—Anxious dreams full of threatening dangers,¹.—[1270.] Anxious, vivid dreams,⁴.—Anxious, frightful dreams,¹.—*Frightful dreams*,^{1 43}.—*Many frightful dreams at night, and towards morning*,².—Frightful, anxious, very vivid dreams,¹.—Dreams full of anger and vexation,¹.—Dreams of physical mutilation,¹.—Dreams of wretched diseases,¹.—Many dreams of dead people, and of the death of those living,¹.—Night-mare,¹.

Fever.—Chilliness. [1280.] Chilliness (after one hour),⁵⁸.—Chilliness in the morning for two hours, with headache and nausea (third day),¹.—Chilliness in the afternoon from 3 to 5,¹.—Chilliness at the end of the evening meal,¹.—Chilliness with every stool,¹.—Chilliness, with trembling in all the limbs, so that she was constantly obliged to go into the sun,¹.—Chilliness, with cold hands and hot face, accompanied by nausea,¹.—Awakened about 5 A.M., by internal chilliness (almost without thirst), with cold hands and soles of the feet and hot face, lasting eight hours; followed by great heat in the face and weakness (after twenty-four hours),¹.—Coldness and chilliness in the morning, with dizzy constriction of the brain, and indifference, with depression,².—An internal coldness, with numb sensation extending from the thigh to the foot,³⁷.—[1290.] He awoke at 4 A.M. on account of becoming cold, with pain in the head and scapulæ, on turning the body, as if bruised, with pains in the abdominal muscles of the epigastric region, on deep inspiration, which took away his breath,¹.—Surface of body cold,⁶⁰.—Shivering (immediately),¹.—[Shivering],^{32 †}.—Shivering over the whole body,¹.—[Shivering over the whole body from time to time, followed by rapid pulse, with heat and thirst],^{32 †}.—Shivering for an hour and a half, several mornings in succession, about 8,¹.—Shivering and coldness in the afternoon; followed, after five or six hours, by creeping of a glowing heat over all the limbs, when the confusion of the head and the indifference with sadness disappeared, and the most active participation in every occurrence took their place (after seven and eight hours),².—Shivering on motion,¹.—Lack of vital warmth after the midday nap, with chilliness,¹.—[1300.] Constant lack of vital warmth, and constant chilliness,¹.—Feeling of want of vital warmth, with chilliness,⁷.—Chilliness in the back, with cold hands and blue nails; sometimes the coldness extends up into the arms; this usually happens about 10 A.M. and lasts from half an hour to an hour,³⁷.—Much chilliness through the back, in the warm room, with cold hands and blue nails,³⁷.—Extremities cold,⁴⁶.—Extremities were icy cold, as well as the whole body,⁶¹.—**Heat.** *Heat*,^{10 15}.—General heat and sweat, after a cup of tea, with two spoonfuls of wine,³⁷.—Constant heat,¹.—Excessive heat,¹⁰.—[1310.] Internal heat, especially in the face, with redness of it, without thirst,⁶.—Great febrile heat, with great sweat and thirst, with loss of appetite, accompanied by diarrhœa and vomiting,²⁰.—Constant dry heat of the whole body, without thirst, before the appearance of the menses,¹.—*Burning heat* through the *whole body*, with thirst,⁴³.—Sudden attack of violent heat, vertigo, and a pain which spreads

† See note to S. 48.—HUGHES.

† See note to S. 1101.—HUGHES.

over the whole head; the vertigo increased so much for several hours that he was unable to remain in an erect position,⁴⁹.—Sensation of heat in the whole body, with externally perceptible great warmth of the skin, and dry, sticky lips, without thirst, even with aversion to drink, and with thready saliva in the mouth; noise and bright objects affect him, as also every motion; he desires to sit alone with closed eyes,¹.—Sensation of internal and external heat, after sleep,¹.—Becomes hot at night in bed; is obliged to rise and pass the night upon the sofa,¹.—The child desires to go to bed early in the evening; is then very hot and sweats profusely all over, with uneasy sleep, great trembling, short, rapid snoring respiration,³.—The skin of the body seems hotter than it really is,¹.—[1320.] *Fever*,^{8,14}.—Daily fever,²³.—Hot, deathly fever,²⁴.—Insidious fever, with loss of appetite,²⁴.—Violent catarrhal fever, with inflammation of the throat and loss of appetite,³.—[Various attacks of fever],³³ †—Flushes of warmth in the afternoon, without thirst,².—Orgasm of blood in the body, immediately,¹.—Violent, constant orgasm of blood, mingled with jerkings in the heart,¹.—Heat in the head,¹.—[1330.] Heat in the head, with cold extremities,³⁷.—Heat, heaviness, and confusion of the head, always after taking the drug, lasting an hour or longer, and can always be distinguished from the various bone-pains of the head which result from the drug,³⁷.—Heat in the occiput, then in the forehead and cheeks,³⁷.—Heat of the face, rush of blood to the head, and sensation of coryza in the nose (after four hours),¹.—Great heat of the face and forehead, rather internal than external,³⁷.—After eating, there arises a kind of weak heat as from the stomach through the arms to the fingers, whereupon the hands become pale and dead,¹.—Sensation of heat down the back, in the morning on waking,¹.—*Sweat*. Inclination to sweat in the morning on and after waking, even of the cold limbs,¹.—Sweat all over, especially on the forehead, with redness of the face and whole body, without remarkable heat,¹.—Night-sweat,¹.—[1340.] Sweat about midnight,¹.—Sweat on eating and drinking,¹.—Some sweat as soon as the eyes are closed, even on beginning to sleep; and even during the day on dozing while sitting,¹.—Slight sweat over the whole body, in the morning on waking from sleep,⁴.—Profuse sweat, in the evening while sitting, with heat of the face,¹.—Profuse sweat after midnight,¹.—At one time sweaty, at another not,⁴⁹.—Gentle glow of perspiration over the entire body,⁴⁰.—[Slight transpiration],¹⁹.—Sweat on the perineum,¹.—[1350.] Sweat only on the limbs at night,¹.—Increased sweat of the genitals,³⁷.—Cold sweat alternately in different parts of the body,⁴⁹.—[Localized, offensive, biting sweat],³² †—Sweaty hands,¹.—Forehead and hair covered with a cold perspiration, like death-sweat,⁶¹.

Conditions.—**Aggravation.**—(*Morning*), Until 10 or 11 o'clock, all symptoms; fantasies; fretful, etc.; on rising from bed, vertigo; *on waking*, *headache*; after rising, headache; pain through temples; mucus in eyes; on rising, vertigo; *eructations*; nausea; between 1 and 2 o'clock, cramp in stomach; after rising and after stool, pain from pit of stomach to throat; while lying and twisting about in bed, pain in pit of stomach; while lying in bed, pain in hypochondrium; after rising, colic in umbilical region; tearing from hypogastric region into sides of abdomen; after chilliness for two hours, cutting colic, etc.; after eating, colic, etc.; while sitting, drawing in

† See note to S. 1079. Tartreux's words are, "after various fevers the woman died dropsical."—HUGHES.

‡ See note to S. 1173.—HUGHES.

lower abdomen; *immediately after urinating, burning in urethra*; on waking, everything seems as if too full in chest; pain upon sternum, etc.; on rising, trembling of the foot; while standing and sitting, tearings in great toe; after waking, *weakness*; in bed, weak, etc.; effect greatest; chilliness, etc.; coldness, etc.; at 4 o'clock, coldness; at 8 o'clock, shivering; at 10 o'clock, chilliness in back, etc.; on waking, sensation of heat down back; on and after waking, inclination to sweat; on waking from sleep, sweat over body.—(*Forenoon*), Sticking headache, etc.; pressure in eyes.—(*Noon*), *Pain in forehead*.—(*Afternoon*), From 5 to 6 o'clock, ill-humor; towards evening, burning in eyes; blindness; thirst; towards evening, eructations; vomiting of mucus; distension, etc., of abdomen; from noon till evening, worse while sitting and walking; tearing in the ankle; heaviness, etc., of body; from 3 to 5 o'clock, chilliness; shivering, etc.; flushes of warmth.—(*Evening*), From 4 to 9 o'clock, the symptoms; in bed, pulsations in side of head; in bed, on closing eyes to sleep, pressure in the eyes; late, pain in bone above eye, etc.; double vision; pain in face; sour eructations; heartburn; nausea; distension of abdomen; after eating, hardness, etc., of the abdomen; before going to sleep, stiffness of penis; on going to sleep, severe cough; in bed, difficult inspiration; on lying down, rattling in chest; in bed, when lying upon side, drawing, etc., through chest; glands become painful; drawings in lower leg; in bed, drawing in toes; in bed, tearing in limbs; in bed, tearing through upper arm; while walking, hip painful; in bed, tearing on tibia; tearing in back of foot; weakness; while sitting, sweat.—(*Night*), From 11 to 12 o'clock, all symptoms; in sleep, violent weeping; after waking, fearful thoughts; in bed, headache, etc.; on closing eyes, zigzags before sight; nosebleed; pain in face; scraping in throat; while lying, and especially on inspiration, sticking in hepatic region; frequent micturition; in sleep, twitching in arms, etc.; jerking, etc., in lower legs; the symptoms; about midnight, sweat; sweat on limbs.—(*In open air*), Tearing along lower leg.—(*On going into open air*), Pressure in the head; sparks before eyes.—(*While walking in open air*), Depression, etc.; dimness of vision; spots before eyes; stitches in chest; drawing in nape of neck; pain in elbow; pain in muscles of thigh; stitches in hamstring; tearing in tibia.—(*After walking in open air*), On going in, headache, etc.—(*In bed*), Sensation, etc., in surface of lower leg.—(*After breakfast*), Eructations; weariness, etc., of abdominal muscles.—(*On deep breathing*), Tension in side of abdomen; cough; stitches above heart.—(*Eating cold things*), *Drawing in hollow teeth*.—(*Exposure to cold and wet*), Pains, etc., in joints, etc.—(*On cutting with shears*), Fingers become stiff, etc.—(*On descending stairs*), Vertigo.—(*After dinner*), Roaring in ears; nausea, etc.; while sitting, colic.—(*While drinking*), Sticking in ear.—(*After drinking*), Dulness in head; soon, drawing through chin towards ear; sensation in abdomen; *palpitation*.—(*While eating*), Pain in temples; roaring in ear; bad taste in mouth.—(*After eating*), Headache in temporal region; sour water in mouth; mouth acid; sour eructations; *rising of acidity*; nausea, etc.; inclination to vomit; cutting in stomach; soon, pain in abdomen; immediately, accumulation of flatulence; oppression, etc., on sternum; weakness, etc.—(*On eating and drinking*), Sweat.—(*On becoming erect*), Vertigo; cracking of knee.—(*After erections*), Pain in testicles; griping, etc., in testicles.—(*Exerting head while sitting*), Roaring in ears.—(*Inspiration*), Pressure in pit of stomach; stitches in chest; pressure on sides of chest; pain in right chest.—(*After sleeping in heat of sun*), Immediately, blindness.—(*While laughing*), Pain in abdomen.—(*While lying*), On waking from sleep, tearing

in joint of great toe.—(*Lying down*), Vertigo; cough.—(*Lying in bed*), Roaring in ears.—(*Lying on front of chest*), Pressure on sides of chest.—(*After every meal*), Tension in head, etc.; nausea, etc.; griping in lower abdomen.—(*At end of evening meal*), Chilliness.—(*After milk*), Flatulent distension of abdomen.—(*Motion*), Pressure in pit of stomach; sticking in abdomen; stitches above heart; pain up and down arm; shivering.—(*Moving eyes toward affected side*), Headache.—(*Moving arms*), Pressure beneath scapulæ.—(*On trying to walk with eyes open*), Giddiness, etc.—(*Pressure*), Pain in abdomen.—(*Raising arms*), Tension beneath scapula.—(*Reading*), Pressure in eyes.—(*During rest*), Pain in nape of neck, etc.; drawing in side of neck; tension in muscles beneath scapula; sensation in joints; pain in upper arm; tearing, etc., in upper arm; pain in bend of elbow; drawing in forearm; pain in wrist; stitches in finger-joints; drawing in thigh; appearance of the pains.—(*On rising from seat*), Vertigo; dim sight; tendency to vertigo; pain in ischia.—(*In room*), Symptoms generally; sticking in forehead.—(*Sitting*), All symptoms; tickling in throat; tearing in mons veneris; pain in chest, etc.; thrusts through chest; sticking between nipple and sternum; stitches in chest; pressure behind sternum, etc.; stitches beneath ribs; stitches in lumbar muscles; stitches in muscles of thigh; tearings about patella; numbness of heels, etc.; pain beneath toes; stitches in tip of great toe; stitches on surface of thigh.—(*After midday sleep*), Distension of abdomen.—(*While standing*), Difficult breathing; stitches in small of back, etc.; drawing through lumbar vertebræ; sticking in heel.—(*On stepping*), Headache; pain in knee.—(*After stool*), Immediately, colic; palpitation; tremulous weakness.—(*On stretching out limbs while sitting*), Pressure on tibia.—(*After supper*), Pain in abdomen.—(*Swallowing*), Pain shooting out at ear.—(*On waking*), Confusion, etc.; loss of power.—(*While beginning to walk*), Stiffness, etc., in tendons under knee.—(*While walking*), Dizzy; drawings in temporal muscle; on every step, nipping in vertex; tearings in occiput; pain in liver; pains in abdomen; sticking in groin; pressure in neck of bladder; on every inspiration, stitches in right chest; pains in small of back; tearing in thighs; stitches in malleoli; tearing in soles; sticking in heels.

Amelioration.—(*Morning*), Lively, etc.—(*In open air*), Tremulous weakness.—(*Walking in open air*), Pain in lower abdomen.—(*Closing eye*), Drawing in head.—(*Eating*), Drawing in head, etc.—(*Becoming erect*), Sensation in occiput.—(*Leaning head on hand*), Headache.—(*Motion*), Drawing in thigh.—(*Pressure*), Stitches in right chest.—(*Stooping*), Headache.

CONVOLVULUS ARVENSIS.

C. arvensis, L.

Natural order, Convolvulacæ. *Common name*, Bindweed; le liseron; die Winde.

Preparation, Tincture of the root.

Authorities. 1, Buchner (from Wibmer), effects of 6 to 12 grains of the resin of the root; 2, Rossig, Monograph on Convolvulacæ, 1875, effects of 1 gramme of the resinoid convolvulin, taken in the morning fasting; 3, Husemann, Pflanzenstoffe, Hagentorne, effects of pure convolvulin.

Stomach.—Eructuation after eating,².—Stomach very much affected,².

Abdomen.—Colic and liquid stool (after two hours); repeated (after three hours),³.—Violent colic,¹.

Stool.—Soft, semifluid evacuation, preceded by flatulence and violent colic (after six hours); repeated (after nine hours),².—Stools with pain,¹.

CONVOLVULUS DUARTINUS.

Ipomœa bona-nox, L. (styled "Convolvulus duartinus" by Mure).

Natural order, Convolvulacæ. *Common name*, Morning-glory.

Preparation, Tincture of the flowers (obtained by Mure from gardens in Rio Janeiro).

Authority. Mure, Pathogenesie Bresilienne.

Mind.—Moral weakness (in two provers).—Discouragement.—Hypochondria.—Reveries in the daytime.—Mental languor.

Head.—Vertigo, with fainting.—Dizziness (in three provers).—Pain all over the head, especially on the median line.—Pain in the whole head, from morning till 5 o'clock in the evening.—[10.] Two small spots on the forehead, disappearing in a few minutes.—Heaviness and dizziness in the frontal region, two days in succession.—Burning in the frontal region, ceasing after a cold bath.—Pain in the frontal region.—Pain in the frontal region, with heat at the root of the nose (in three provers).—Pressure at the frontal region.—Pain in the temples.—Pain in the left temporal region, corresponding to *the eye*.—Acute pain in the morning, in the left temporal region, two days in succession (in two provers).—Slight pain at the vertex.—[20.] Violent pain at the vertex, in the morning.—Violent pain at the vertex, in the evening.—Headache, sometimes in the vertex, sometimes in the occiput.—Headache on the left side.

Eye.—Inflammation of the left eye.

Face.—Dark redness of the face.—Red spot on the right cheek when rising from bed; it disappears in the course of the day.—Pain in the right cheek.

Mouth.—Toothache.—Swelling of the gums.—[30.] The tongue feels swollen.—Spitting of mucus.—Bad taste in the mouth.

Throat.—Slight pain on each side of the thyroid cartilage.—Sore throat for more than eight days.—Slight heat in the upper part of the œsophagus.—Heat and dryness at the anterior and superior part of the œsophagus (in three provers).

Stomach.—Appetite on getting up in the morning (in two provers).—Pain in the stomach for three days.—Diminished appetite.

Abdomen.—[40.] Pain in the abdomen with internal heat.—Violent colic, with drawing (in two provers).

Stool.—Constipation the first days (in eight provers).

Urinary Organs.—Red urine.—Yellow sediment in the urine.

Chest.—Deepseated pain under the right breast.

Neck and Back.—Small red spot on the right side of the neck.—Numbness in the left scapular region.

Superior Extremities.—Numbness of both arms.—Numbness of the arm, worse when hanging down.—[50.] Pain at the left shoulder.—Deepseated pain in the left forearm.—Pain in the left wrist-joint.—Numbness of the right index and middle fingers.

Inferior Extremities.—Paralytic pain of the legs and thighs for several days.—Pain in the right knee.—Deepseated pain, first in the left, then in the right thigh.—Lancinating pain in right knee.—Numbness of

left leg and heel.—Pain at the forepart of the left leg, for four days.—[60.] Deepseated pain in the calves.

Sleep and Dreams.—Drowsiness in daytime (in two proverbs).—Drowsiness in the evening (in three proverbs).—Dreams about quarrelling.—Dreams about dead persons, and the falling out of his front teeth.—Dreams of flying along a lighted street; appearance of a ghost; wakes with a start.

Fever.—Shivering several times in the course of the day.—Heat and burning of the skin all over, with prickings like the bites of ants.—Profuse sweat in bed, several nights in succession.

Conditions.—Aggravation.—(*Morning*), Pain in temporal region; pain at vertex; when rising from bed, spot on cheek.—(*Night*), In bed, profuse sweat.—(*When lying down*), Numbness in arm.

Amelioration.—(*Morning*), On getting up, appetite.—(*After cold bath*), Burning in frontal region ceases.

COPAIVA.

Copaifera officinalis, L. *Natural order*, Leguminosæ.

Preparation, Tincture of the balsam.

Authorities. 1, Hahnemann, *Fragmenta de Vir.*; 2, Teste, provings on self and seven or eight persons of both sexes, with the 6th dil., *System. de la Mat. Med.*; 3, Ansiaux, *Clinique Chir.*, Liege, 1816, from Roth, M. M.; 4, Ribes, *Bull. d. l. Soc. d'emulation*, 1822, from Roth; 5, Delpech, *Mem. sur l. baume de Copahu*, from Roth; 6, Roemhild, *Preuss. Ver.*, from Roth; 7, Grossheim, from the same; 8, Loerenhardt, from the same; 9, Merat and Dolens, *Dict. de M. Med.*, from Roth; 10, Lisle, *Rec. de Mem. de Med.*, from Roth; 11, Fox, effect on the skin, *Lancet*, 1867; 12, Hardy, *Gaz. des Hôp.* (N. Y. *Med. J.*, 10, 416), effect on skin when administered for gonorrhœa; 13, Sachse, *Med. Zeit.*, 1839, effects when taken for gonorrhœa; 14 (omitted); 15, Mitscherlich, general poisoning symptoms, *Pharm. J.*, 9, 233; 16, König, a student, took repeated doses of an emulsion of half an ounce of balsam with four ounces of "vehicle" (two spoonful doses), Wibmer; 17, Schroff; general effects, *Lehrb. d. Pharm.*; 18, Dr. Behn, effects on skin of patients taking Cop., from Schroff; 19, Husemann, *Pflanzenstoffe*, effects; 20, Lehmann, effects on patients, from Husemann; 21, Weil, general statement of effects, *A. H. Z.*, 84, 41; 22, Lembke, proving with 10 to 70 drops, *Z. fur H. Kl.*, 11, 161.

Mind.—Emotional. Unconquerable dislike for his usual employment,².—Disgust with life, and at the same time fear of death,².—During the menses, sadness in the morning, depression, pains in the loins, and extreme excitement of the nervous system,².—In the morning, soon after waking, deep sadness, which ceases during a walk, but returns in the evening,².—Periodical attacks in the afternoon of sadness and weeping, with coldness of the extremities, and hot flushes in the face,².—A young girl bursts into tears on hearing the sound of a piano,².—Anxiety about his health,².—Peevish, irascible, morose, intolerable temper during a whole week, with ebullition of the blood, heat of the head, and trembling of the hands from the least contradiction,².—Absurd recriminations about trifling and long-past occurrences,².—[10.] **Misanthropy.**².—**Intellectual.** Entire unfitness for study; the head is empty and the ideas are confused; dull pain in the forehead when striving against this,².—Defective memory, which vexes him, and finally throws him into a state of gloomy discouragement,².

Head.—**Vertigo.** Vertigo and headache,³.—Attack of vertigo, when riding on horseback, in the forenoon, although he was talking at the time and walking the horse,².—Transient attacks of vertigo when sitting, working, walking, but especially when standing upright and motionless,².—**General Head.** Rush of blood to the head and face during and *after eating*,².—Heaviness of the head, and especially of the occipital region, which is instinctively pressed against the collar of the coat; this affords relief,².—Headache in the forenoon,².—**Forehead.** Pressure at the forehead,².—**Temples.** [20.] Stitches in the temples and behind the ears,².—Sudden stitches in both temples when washing the face with cool water in the morning,².—Tearing pain in the temporal regions, especially in the left, alleviated by gentle pressure with the hand,².—Bruised pain in the right temple, evening and night, becoming intolerable when the affected part is pressed against the pillow,².—**Vertex.** Pulsating stitches at the top of the head, not synchronous with the pulse,².—**Parietals.** Hemicrania (on the left side), with boring pain, sense of coldness in the affected part, weeping, and constant moaning for three days, in a young man of twenty-two years, disposed to hypochondria. (The pain was relieved by *Mercurius*),².—**Occiput.** Dull pain in the occiput,².—Lancinating pressure at the right occipital protuberance,².—Pulsating deepseated stitches in the occiput,².—Stitches in the left occipital protuberance, with occasional shocks in the whole head, only in the morning,².—**External Head.** [30.] Falling of the hair after the first doses,².—Sensitiveness of the scalp, and even of the hair,².

Eye.—**Objective.** Redness of the left eye,².—**Lids.** Spasm of the right upper lid, recurring several times in the daytime, and accompanied by a slight pressive pain in the eyes,².—Involuntary contraction of the orbicularis muscle of the eyes in the morning,².—Agglutination of the lids in the morning,².—**Pupil.** Contraction of the pupils,².—**Vision.** Sensitiveness of the eyes to the light,².—Transient obscuration of sight,².—Upon alternately closing the right and the left eye, the same objects look paler when seen with the latter than when seen with the former,².—[40.] Black points hovering before the eyes,².

Ear.—Stitches for a whole night in the left ear, causing one to cry out; some days after this a little purulent matter is discharged from the meatus (after three days),².—Formication in the ear,².—**Hearing.** Excessive sensitiveness of hearing, especially as to sharp sounds, to such a degree that the report of a pistol caused an extremely disagreeable and even painful sensation; this sensation did not arise from the detonation of the powder, but from the impact of the ball against the metallic disk at which it was fired,².—Painful reverberation of every sound in the head, ceasing after half an hour's walk,².—Humming in the ears,².—Buzzing in the ears,².

Nose.—Frequent sneezing,².—Stoppage of the nose for two days, only in the morning,².—Fluent coryza, with headache, pressive pain at the root of the nose, and itching in the eyes,².

Face.—[50.] Paleness and sickly look of the face,².—Bloating of the face,².—Transient tearings in the left cheek,².

Mouth.—**Teeth.** An unpleasant smell seems to come from the teeth,².—The teeth seem less firm, and are loose in their sockets,².—The teeth are on edge,².—Sensation as if the teeth were elongated,².—Sense of coldness in the teeth,².—Guawing and throbbing pain in a carious tooth, worse when drawing in cool air, or by the contact of cold drink,².—**Gums.** Excori-

ating pain in the gums, palate, and pharynx,².—**Tongue.** [60.] Redness, with smarting, on the sides and at the tip of the tongue,².—**The tongue is covered with a whitish coat, green at the base,*².—**General Mouth.** Dryness of the mouth, especially at night and in the morning,².—Tenacious phlegm in the mouth and throat, which is constantly reproduced,².—**Saliva.** Transiently increased secretion of saliva,¹⁶.—Flow of saliva in the evening, at night, and in the morning,².—Every now and then sudden and profuse flow of sweetish saliva,².—**Taste.** Bitter taste in the mouth,².—Every article of food seems too salt,².

Throat.—Some pains in the throat, without the slightest swelling of the tonsils or fauces,²⁰.—[70.] Constriction of the throat,².—**Tonsils.** Swelling of both tonsils (especially of the right),².—**Pharynx.** Sensation as of a foreign body in the pharynx,².—Troublesome pressure in the pharynx,².—**External Throat.** Sensitiveness without perceptible swelling of the parotid glands, but bruised pain and evident swelling of the submaxillary glands,².

Stomach.—**Appetite.** Unwonted hunger in the evening, when on the point of going to bed,².—Excessive hunger (the first two days), then loss of appetite,².—Loss of appetite, the whole second day,¹⁶.—Loathing of food, all day,⁴.—**Thirst.** Thirst and diminished appetite,².—**Eructation and Hiccough.** Eructations after eating,².—[80.] Frequent eructations,¹⁶.—Sour eructations,².—Foul eructations,².—Eructations tasting of the ingesta,².—Hiccough after eating,².—**Nausea and Vomiting.** Nausea,¹⁶.—Nausea, in the morning,².—Nausea, vomiting, and weakness of the stomach,¹³.—Excessive nausea,¹⁶.—Excessive nausea, with diarrhoea,¹⁹.—**Stomach.** [90.] Gastro-enteritis,¹⁹.—Disorders of the stomach, during menstruation,².—Sort of faintness at the stomach, without any real appetite,².—Cardialgia and vomiting,⁵.—Burning pain in the stomach,².—The whole epigastric region is tensive and painful to contact,².—Spasm of the stomach,².—Pressure at the pit of the stomach, even before breakfast,².—Stitches in the stomach, at intervals, as if in paroxysms,².—Beating at the pit of the stomach, followed by palpitation of the heart, and obtundation on leaving the table, after eating,².

Abdomen.—**Hypochondria.** [100.] Stitchings in the hypochondria,².—Pressive, at times pulsating, pain in the hepatic region,².—**General Abdomen.** Rumbling with flatulence in the intestines, and a sensation as if colic would come on,¹⁶.—Noisy borborygmi,².—Emission of extremely fetid flatulence, in the morning, in bed, and after rising,².—Griping,¹⁶.—Violent grips in the abdomen,¹⁹.—Pinching in the abdomen,².—Violent cutting pains, followed by two diarrhœic stools, immediately after taking a cup of *café au lait* (as usual),².—**Colic and looseness,**³.—[110.] Painful colic,¹⁶.—**Hypogastrium and Iliac Region.** Swelling of the lower abdomen,².—Pressure in the lower abdomen, as from a stone,².—Beatings in the lower abdomen,².—Swelling (not very large) of the inguinal ganglia,².—Swelling and sensitiveness of the inguinal glands,²¹.—The inguinal glands are painful to contact,².

Rectum and Anus.—**Rectum.** Spasms of the rectum,².—Pressing in the rectum, causing a constant urging to stool,².—Stitches in the rectum,²²¹.—**Anus.** [120.] Bleeding piles,².—Constant oozing from the anus, of a serous or even purulent liquid,².—Burning itching at the anus,².

Stool.—**Diarrhœa.** Diarrhœa, in the morning,².—A diarrhœa accompanied the exudation from the skin,¹².—Diarrhœa of whitish feces, especially in the morning, with coldness and drawing tearing in the abdo-

men, which obliged him to bend double, before and after an evacuation,¹.—Diarrhœa, alternating with obstinate constipation,²¹.—Violent diarrhœa in one night (fifteen evacuations in ten hours), with spasms at the stomach, coldness of the extremities and cramps in the calves,².—Frightful diarrhœa,¹³.—Frequent excretion of feces, which are at first shaped, but afterwards pasty, and at last mucous and mixed with blood,¹⁵.—[130.] Several soft stools every day, followed by general prostration,².—Stools thin, two or three a day, without pain and without urging; there seems to be an increase of secretion of mucus in the rectum,²².—Copious stools,³.—Whitish, fecal stools of a sour smell, with discharge of ascarides,².—Stools like sheeps' dung,².—Stools at first dry and formed, and ending in diarrhœa,².—Two liquid stools,¹⁶.—Involuntary diarrhœic stool,¹.—**Constipation.** Insufficient stools,².—No stool for five days,².

Urinary Organs.—Bladder. [140.] Dull pain in the bladder,².—**Burning in the neck of the bladder and urethra,*²¹.—Pressure on the bladder,².—Pressure on the bladder, with frequent ineffectual urging to urinate, and passage of urine drop by drop,²¹.—**Urethra.** Inflammation of the urinary passages and adjacent parts. It has also been known to cause inflammation of the urethra, retention of urine, phlegmasia of the bladder, of the prostate, the anus, and the rectum. *It is interesting to see this medicine prescribed by some physicians for almost the same complaints which others have remarked that it causes,*⁹.—Inflammation and swelling of the urethra, with pains along the whole penis,²¹.—Discharge of mucus from the urethra,²¹.—Mucous discharge from the urethra,².—Discharge of a milky, acrid, corrosive character, with painful micturition,²¹.—Profuse milky discharge for three days, which stops of itself, although the use of the drug is continued,².—[150.] The urethral discharge was inversely as that from the skin,¹².—The urethral discharge ceased, but returned in four or five days, with the decline of the eruption,¹².—Purulent blennorrhœgia,¹.—Burning in the urethra, when urinating,¹.—Burning and itching in the urethra and vagina,²¹.—Drawings in the urethra,²².—Pain at the orifice of the urethra, as if wounded,¹.—Pulsating pain in the urethra, when not urinating; orifice of the urethra gaping, tumid, inflamed,¹.—Tickling in the orifice of the urethra,²¹.—Itching and biting in the urethra, before and after urinating,¹⁶.—[160.] Frequent urging to urinate, immediately after urinating,²².—Frequent unsuccessful urging to urinate,².—Constant urging to urinate,¹.—**Micturition.** Frequent emission of urine, mostly in small quantities,¹⁵.—Frequent micturition during the night; urine copious and lighter than formerly,²².—Copious secretion of urine smelling of the balsam,²¹.—Urine more copious and frequent than usual,¹⁶.—The urine is more abundant and more acid, and has a very strong smell of violets,³.—Diuresis,¹⁹.—Bloody micturition,²¹.—[170.] Bloody urine, strangury, and ischuria,¹⁷.—Painful urination,²¹.—The urine is discharged drop by drop,¹.—Retention of the urine,²¹.—**Urine.** The urine had a very strong odor of Copaiba, frothed very much, was dark-yellow, and had an acid reaction,²².—Bitter taste to the urine,¹⁷.—Albuminuria, lasting several days,¹⁹.

Sexual Organs.—Male. Superficial excoriation on the glans and on the prepuce,².—Excessive erections, with lascivious thoughts, and constant excitement of sexual desire,²¹.—Violent erections on the following days (night and morning), with or without lascivious thoughts,².—[180.] Absence of erections the first days,².—Long-continued tickling in the glans penis, lasting several hours,²².—Unpleasant itching at the tip of the glans,².—Redness and slight oozing between the scrotum and the thigh,².—Swelling of one

of the testicles (left,) which is very sensitive to touch,².—Dull, heavy pain in the testicles,².—Pressive drawing in the testicles,²¹.—Constant and permanent sexual excitement (during the whole time of the proving),².—Violent desire for an embrace, with absence of erection,².—**Female.** Throbbing and pain in the ovarian region,²¹.—[190.] Beating in the right ovarian region, when standing,².—Spasms of the uterus,².—Drawings in the uterus, orifice of the urethra, and in the vagina,²¹.—Dragging on the uterus and bladder,²¹.—Pulling pains in the suspensory ligaments of the uterus,².—Constant pressure on the uterus, as if prolapsus would set in,².—Burning, red spots in the vulva,².—*Itching of the vulva,*².—Deep stitches in the vagina and neck of the womb,¹.—Leucorrhœa after the menses,².—[200.] A leucorrhœa of long standing disappears during the use of the drug,².—Milky leucorrhœa,².—Acrid leucorrhœa, causing excoriation of the vulva,².—The menses are too early by three days,².—The menses are too early by seven days,².—The menses are too early by ten days,².—The menses appear on the regular day, but are very pale, and much less abundant than usual,².—The menses reappear after they had ceased for several days,².—Metrorrhagia,¹.

Respiratory Organs.—Larynx, Trachea, and Bronchi.

Dryness and roughness in the larynx,².—[210.] During the menses, tightness at the larynx, hoarseness in the morning; dry cough in the morning,².—Excoriating pain in the larynx,².—**Voice.** Hoarseness, especially in the morning, with excoriating pain in the larynx, when talking,³.—The voice, though not much altered, loses its compass during the whole time of the proving; the lower notes are unchanged, but the higher notes cause an excoriating pain, which finally makes their rendering impossible,².—**Cough and Expectoration.** Cough excited by tickling in the larynx, trachea and bronchi,².—Dry cough, morning and evening,².—Cough with profuse whitish expectoration, sometimes saltish, sometimes flat and nauseous,².—Rough cough, with difficult expectoration of greenish mucus,².—**Respiration.** Foul breath in the morning,².—Slow respiration,¹⁵.

Chest. [220.] Burning in the chest,².—Sense of fulness at the chest, which frequently obliges one to sigh,².—Oppression of the chest, with labored breathing, while working in a stooping position, as when digging,².—**Front.** Pressure on the sternum,².—**Sides.** Stitches in the right side of the chest,².

Heart and Pulse.—Frequent and very feeble pulsation of the heart,¹⁵.—Palpitation of the heart, during work,³.

Neck and Back.—Neck.—Rheumatic pain in the nape of the neck and left side of the neck,².—**Back.** Stiffness in the back, which ceases when walking,².—**Dorsal.** Pullings in both shoulder-blades,².—[230.] Stitches in the left shoulder-blade,².—Stitches between the shoulders, cutting short the respiration,².—Burning pain in the dorsal spine,².—**Lumbar.** Lumbar pains,¹⁹.—Pains dull, and as if spasmodic, in the lumbar region,².

Extremities in General.—Trembling of the limbs,².—Twitchings of the limbs, during rest,².

Superior Extremities.—Numbness of the arm on which one is lying, at night,².—**Shoulder.** Pain of dislocation in the right shoulder,².—Acute pain in the left shoulder,².—[240.] Acute stitches at the left axilla, penetrating into the chest,².—The axillary glands are sensitive to contact,².—**Elbow.** Violent pressure in the right elbow joint, in the evening; during the previous night it had been in the other shoulder,²².—**Forearm.** Pull-

ings in the forearms,².—**Wrist.** Violent pain in the left wrist,²².—**Hand.** Trembling in the hands,².—**Fingers.** Stiffness in the fingers,².

Inferior Extremities.—Numbness of the limbs, when sitting,².—Intolerable uneasiness in the lower limbs,².—**Hip.** Rheumatic pains (as if caused by great fatigue) in the left hip and knee, with spasms of the uterus, during menstruation,².—[250.] Cramplike pain in both hips, worse in the right,².—Bruised pain in the right hip, when lying on it,².—Bruised pain in the right hip, when walking and when touching it,².—**Thigh.** Before the gripings, constrictive pain in the hollow of the femoral bone,¹.—**Knee.** Cracking in the knees, when stretching the legs,².—Dull pain in the knees,².—Pressure in the left knee, while walking,²².—**Ankle.** Violent pain in the right ankle, while walking and during rest,²².—**Foot.** Swelling of both feet,².—Swelling of the left foot,².—[260.] Pain, as if sprained, in the feet, very troublesome when first commencing to walk, and which disappears while walking,².—During the cold stage, pain on the dorsum of the foot, during motion,¹.

General Symptoms.—Objective. Spasmodic paroxysms and other hysterical symptoms,².—Languor, with anxious sadness,².—Muscular weakness increases,¹⁵.—**Subjective.** Excessive sensitiveness of the whole nervous system, so that noise makes him start, and angers him,².—Extreme sensitiveness to cold, dampness,².—In most cases a diminished sensibility,¹⁶.—Pulling in all the muscles, especially in the evening and at night,².—Pulsations here and there,².

Skin.—Objective. Eruptions, Dry. [270.] Eruption on the skin, consisting of isolated, sharply defined, somewhat elevated bright-red spots, with elevations similar to the sting of a wasp, confluent on the ears and backs of the hands; after a few days they became brownish-yellow, like the so-called liver-spots; there was no desquamation except on the ears, which was a fine mealy desquamation; even after four weeks burning spots could be seen,²⁰.—Eruption resembling roseola, but the spots are more elevated and larger, confluent on certain portions of the chest and arms, and look something like petechiæ; the eruption disappears at the end of four days, without perceptible desquamation,¹¹.—*Uneasiness during two days, followed by a very hard chill, which is succeeded by heat and an eruption of very circumscribed lenticular patches; this eruption gives rise to intense itching and pricking of the skin; it is like measles, but is without any catarrhal symptoms. On the third day the fever subsides, and the eruption grows paler. On the seventh day the skin has a mottled appearance. The eruption does not wholly disappear for five days; no desquamation,⁷.*—Eruption of a number of red blotches all over the body, but especially on the face,³.—Red miliary eruption, sometimes discrete, sometimes confluent, preceded by headache, vertigo, and loathing,⁵.—In a few days a general copaival erythema declared itself, with the usual characters of that eruption,¹².—*Copaiba* produces a rash well described by Judd in his work; a rosy erythema of “puniceous” aspect, as though the skin had been bitten by insects,¹¹.—Eruption like scarlet fever or nettlerash over the whole body; this eruption appeared first in the face, especially on the forehead, afterwards on the backs of the hands, then on other portions of the body, with severe burning in the skin,²⁰.—**Nettlerash* (several authors).—*Large red blotches all over the body, with constipation and some fever,⁶.*—[280.] Elevated eruption, confluent on the hands and feet, scarlet, or like elevated measles,¹³.—Small furfuraceous tetter on the concha of the left ear, with burning pain only when touched,².—Urticaria, at first on the face, especi-

ally the forehead, then on the back of the hands, and finally in other parts. Burning of the skin, slight sore throat (without swelling of the pharynx or tonsils), and sensation as if a violent perspiration would break out, as it does afterwards. No fever or thirst; red, distinct raised spots, like bug-bites, running together only on the ears and the backs of the hands. On the sixth day the redness disappears, and the spots assume a brown color, without desquamation, except on the ears,⁸.—Small, red, slightly itching pimples on the upper part of the forehead, on hairy scalp, above the ears and on the occiput,².—Red itching spot on the left arm,².—Red slightly itching spots at the sternal region and the right axilla,².—Yellowish spots of the size of a dime, of irregular shapes, and slightly itching, on the right cheek, morning and evening,².—**Eruptions, Moist.** The eruption which now appeared was a modified pemphigus, and was generalized over the whole body, commencing at the flexures of the joints. Where the skin was thin the bullæ aborted, but where it was thicker they were regularly raised and more or less lasting. The discharge from the patches deprived of their epidermis was excessive, of an offensive odor, and very viscid,¹².—After six weeks of emollient treatment the pemphigus disappeared in a general desquamation,¹².—Red humid tetter (after eight days) on the upper lip, which is swollen and painful when touched,².—[290.] Small white miliary vesicles on a red base on the left wing and tip of the nose,².—Redness and moist acidity on the scrotum and between it and the thighs,²¹.—**Eruptions, Pustular.** Tormenting eruptions only between the fingers and on both forearms as far as the bend of the elbow; pustules like the itch, with red areolæ, containing a red watery fluid, with itching pain,¹⁶.—Mild eruptive fever, with inconsiderable general heat and moderate headache. An eruption quite like that of distinct variola comes out on the third day; it is purple-hued and not very well marked. In twelve hours it spreads, sinks down, and each of its pustules becoming depressed, soon forms only a petechial blotch, which then proceeds to enlarge itself, to be confounded with adjacent blotches, and thus to become confluent. It gradually fades away, and on the fifth day disappears,¹⁰.—Boil on the pubis,².—**Subjective.** Burning in the skin of the scrotum,².—Itching of the cheeks, here and there, in the eyebrows and on the chin,².

Sleep and Dreams.—Sleepiness. *Drowsiness in the daytime,².—**Sleeplessness.** Sleeplessness and great restlessness all night, after an embrace,².—*Restless sleep at night,².—[300.] Frequent waking,².—Wakes early and is unable to fall asleep again,².—**Dreams.** Frightful or lascivious dreams,².

Fever.—Chilliness. Fever for several days in succession; in the morning coldness, with shudderings; in the afternoon general heat and thirst,¹.—Coldness of the feet, knees, and thighs at night,².—Icy coldness of the feet, from morning till noon,².—Cold hands,².—Cold feet and knees during the menses,².—**Sweat.** Sweat,¹⁶.—Sensation as though copious sweat would break out, which afterwards took place in bed,²⁰.—[310.] Profuse and inodorous sweat in the morning,².—Sour-smelling sweat at night,².—The whole of the Copaiba seems to have been absorbed and to have exercised its influence upon the skin, by which it is always more or less eliminated, giving its odor to the perspiration,¹².

Conditions.—Aggravation.—(Morning), Soon after waking, sadness; during menses, sadness, etc.; when washing face with cold water, stitches in temples; stitches in occipital protuberance; contraction of orbicularis muscle; stoppage of nose; nausea; in bed, and after rising, emis-

sion of flatulence; *diarrhœa*, etc.; hoarseness, etc.; foul breath; coldness, etc.—(*Forenoon*), When riding on horseback, vertigo; headache; coldness of feet.—(*Afternoon*), Sadness, etc.; general heat, etc.—(*Evening*), When going to bed, hungry; pressure in elbow-joint; pulling in all muscles.—(*Night*), Pain in temple; frequent micturition; pain in hips; pulling in all muscles; coldness of feet, etc.—(*After café au lait*), Immediately, cutting pains, etc.—(*During and after eating*), Rush of blood to head, etc.—(*During menses*), Cold feet, etc.—(*Pressing part against pillow*), Pain in temple.—(*During rest*), Twitching of limbs.—(*When sitting*), Numbness of legs.—(*When standing*), Beating in ovarian region.—(*Standing upright and motionless*), Vertigo.—(*Stooping while working*), Oppression of chest, etc.—(*After urinating*), Itching, etc., in urethra.—(*While walking*), Pressure in knee.—(*When commencing to walk*), Pain in feet.—(*During work*), Palpitation of heart.

Amelioration.—(*Pressure*), Pain in temporal region.—(*During a walk*), Sadness; reverberation of sounds in head; stiffness in back.—(*Continuing to walk*), Pain in feet.

CORALLIUM RUBRUM.

Corallium rubrum, Lamk.; *Isis nobilis*, Linn.; *Gorgonia nobilis*, Ellis.
Class, Zoophytes; Family, Gorgoniadæ.

Common names, Red coral, Corail rouge.

Preparation, Triturations.

Authorities. 1, Dr. Atto myr, provings on himself and on two girls, with the 3d trituration, Archiv. f. Hom., 11, 3, 166; 2, Dr. Melicher, from the same.

Mind.—Very complaining; he dreads and worries about the pains,¹.—Peevish, ill-humored,¹.—Wine has a natural taste, but immediately stupefies him,¹.

Head.—**Confusion and Vertigo.** Confusion of the head, as after intoxication,².—Dizziness, as if intoxicated, after eating,².—**General Head.** On stooping, all the blood seems to rise to the head and face,¹.—**Sensation as though a wind passed through the skull, on rapid motion or on shaking the head*,¹.—The head feels empty and as if hollow,¹.—**The head seems very large, as if it were three times its natural size*,¹.—**Forehead.** [10.] Pressure in the forehead and temples, whereby the forehead seems flattened,¹.—Headache, like a pressure, at the frontal sinuses, with increased secretion of nasal mucus; better in the open air,².—Pressive headache in the forehead, so that she is not able to keep the eyes open, relieved by walking and moving about in the open air,¹.—*Extremely violent headache pressing out at the forehead, which obliges him to move the head from one side to the other, but it is not relieved thereby, nor by sitting, but rather relieved for a short time by almost complete uncovering of the burning hot body*,¹.—**Temples.** Pain in the temporal muscles, on swallowing,¹.—**Parietals.** **Headache very violent, as if the parietal bones were forced asunder, aggravated by stooping*,¹.

Eye.—Hot sensation in the eye on closing the lids, with a sensation as though it were swimming in tears,².—Pain in the left eye, as if it were hot and dry,¹.—Burning of the eyes in the candlelight,¹.—*Extremely sensitive drawing pain in the external wall of the left orbit, whence the pain extends down beneath the cheek-bone, apparently along the course of the nervus malaris*,¹.

—[20.] Pressure in the eyes, which are somewhat red, as if sand were in them; in the evening,¹.—Pain in the eye, as if it were pressed into the orbit,¹.—The eyes are painful, as if sore, on moving the balls, or even the lids,¹.

Ear.—Hearing less distinct than usual,¹.

Nose.—**Objective.** A painful ulcer in the right nostril and on the inner side of the wing of the nose, which affects even the nasal bones with a painful sensation as if they were pressed asunder; thence the pain extends partly into the frontal sinuses, partly sideways towards the eyes and to the temples, with thirst; the right side of the nose is swollen, hot, and pulsating, disturbing the night's rest,¹.—Frequent sneezing, preceded by tickling in the nose,¹.—(Profuse secretion of mucus in the nose through the posterior nares, which obliges constant hawking),².—Stopped coryza; could get no air through the left nostril,¹.—Stopped coryza for two days, followed by very violent fluent catarrh, with discharge of so much mucus like melted tallow, and making a similar looking spot upon the handkerchief, that four handkerchiefs were filled within an hour; this odorless mucus dropped as freely from the nose as blood in nosebleed; it ceased after a short time, but returned and lasted two weeks,¹.—Epistaxis, now from the right, now from the left nostril,¹.—[30.] Epistaxis at night,¹.—**Subjective.** Great dryness of the mucous membrane of the nose and throat,¹.

Face.—*The left zygoma is painful, as if bruised, worse when touched,*².—The lips are cracked, painful,¹.—*Pain in the left articulation of the lower jaw, as if sprained, on drawing the jaw far downward, as also when biting and yawning,*¹.

Mouth.—**Teeth.** Both left rows of teeth feel blunted; it seems as though the teeth were too near each other, or as if a tough substance were sticking between them,¹.—On pressing on the fossa canina, pains in the two corresponding teeth, as if ulcerating,¹.—**Taste.** Farinaceous food tastes like straw,¹.—Beer tastes sweet,¹.—Food is quite tasteless; everything seems like sawdust,¹.

Throat.—[40.] Dry sore throat, on swallowing,¹.—**Submaxillary glands of the left side are swollen and painful, worse when swallowing or bending the head forward,*¹.

Stomach.—**Appetite.** Longing for salted meat,¹.—Longing for acids,¹.—Loss of all appetite,¹.—No appetite; no special aversion to food or drink,¹.—**Thirst.** Great thirst,¹.—Excessive thirst, not unquenchable, during the febrile stage, with normal temperature of the skin, and some pain in the forehead,¹.—**Nausea.** Nausea, with dry tongue,¹.—Nausea, with violent headache, both very much aggravated by sitting up,¹.—**Stomach.** [50.] Pressure in the pit of the stomach, worse when coughing, as also when swallowing, and on deep inspiration,².

Abdomen.—Painless rumbling in the abdomen,¹.

Stool.—Constipation for six days; on the seventh, a large pasty evacuation,¹.

Urinary Organs.—Burning micturition,¹.—Urine mealy, with similar sediment,¹.

Sexual Organs.—Swelling of the prepuce, with sore painfulness of its border, where it rubs against the clothing,².—**Red flat ulcer on the glans and inner surface of the prepuce, with discharge of much yellowish moisture,*².—**The whole glans and inner surface of the prepuce secrete a yellowish-green offensive matter, together with great sensitiveness, redness, and swelling,*².—Frænum præputii pains as from fine needles,².—Two emissions in twenty-

four hours; the first at night, the second during the afternoon nap; the latter with relaxed penis and without dreams,¹.

Respiratory Organs.—[60.] *On deep inspiration, it seems as though icy-cold air were streaming through the air-passages, with some provocation to cough, and much difficult hawking of bronchial mucus, in the morning,².—Very painful cough; it seems as though a stoue were lying on the diaphragm; it pressed downward and caused a violent pressive pain in the chest beneath the sternum, thence the pain extended to the scapula; it gradually subsided as the cough was relieved,².—Expectoration of yellow purulent-like mucus,².

Neck and Back.—Stiffness of the cervical muscles; she is unable to move the head to either side without pain,¹.—Pressive pain in the scapulæ, worse on every cough,².—Bruised sensation in the small of the back,¹.—Pain in the sacral region, as from pressure with a dull instrument,².

Extremities in General.—After a little exercise in the open air, weariness in the upper and lower extremities, in the evening,¹.

Superior Extremities.—Pain in the shoulder-joints, first in the left, then in the right, then in both together, as though the head of the humerus would be forcibly pressed out of the joint,¹.—Pain at the point of insertion of the deltoid muscle and in the middle of the right forearm, as if the place were violently pressed with the ends of the fingers,².—[70.] Pain in the wrists, as after much rapid writing,¹.

Inferior Extremities.—Pain in the knee, tibia, and ankle, as after a long fatiguing walk,¹.—Sudden shooting through the right tibia,¹.—Tearings in the right tibia, together with a sensation of something tickling in the hollow of the knee, so that the leg is drawn up, while walking,².

Skin.—Small spots, at first coral-red, then dark-red, finally copper-red, on the palms of the hands and some of the fingers,¹.—Painful pimple on the upper lip close to the orifice of the right nostril,².

Sleep and Dreams.—**Sleepiness.** Excessive, very frequent yawnings, in rapid succession, with pains in the articulations of the jaws,¹.—Very great sleepiness and irresistible desire to sleep, so that she fell asleep while standing,¹.—**Sleeplessness.** Sleeplessness until midnight, with an otherwise tolerable condition,¹.—Does not fall asleep until midnight, tosses about the bed, is unable to find rest anywhere; if he uncovers he becomes cold, although he is too hot when covered; three nights in succession,¹.—[80.] Tossing about and uncovering in sleep,¹.—**Dreams.** Very uneasy dreamy nights,¹.—As soon as she falls asleep she starts up from anxious dreams,¹.

Fever.—**Chilliness.** The hot parts of the body become chilly on uncovering,¹.—**Heat.** Dry febrile heat, without thirst,¹.—General internal and external heat, without thirst and without subsequent sweat; with full hard pulse,¹.—Heat of the face, aggravated by bending the body forward,¹.—Dry heat in the face, with natural temperature of the rest of the body; when she puts her hand to her face she feels a cold shudder creep over her; in the morning,¹.—Hot cheeks, with burning hot forehead and cold feet, an hour after eating,¹.—The symptoms of heat and cold are relieved by artificial heat,¹.—**Sweat.** [90.] Profuse sweat on the genitals,¹.

Conditions.—**Aggravation.**—(Morning), On deep inspiration, feeling in air-passages, etc.; heat in face, etc.—(Evening), Pain in eyes; after exercise in open air, weariness.—(Night), Epistaxis.—(In candlelight), Burning of the eyes.—(Coughing), Pressure in pit of stomach; pain in scapulæ.—

(*After eating*), Dizziness; hot cheeks, etc.—(*Deep inspiration*), Pressure in pit of stomach.—(*On rapid motion*), Sensation in skull.—(*Shaking head*), Sensation in skull.—(*Sitting up*), Nausea; headache.—(*Stooping*), Headache; heat of face.—(*On swallowing*), Pain in temporal muscles; pressure in pit of stomach.

Amelioration.—(*Open air*), Headache at frontal sinuses.—(*Walking in open air*), Headache in forehead.—(*Artificial heat*), Symptoms of heat and cold.—(*Uncovering body*), Headache.

CORIARIA RUSCIFOLIA.

C. ruscifolia, Linn. *Nat. order*, Coriariæ (between Anacardiaceæ and Rutaceæ). *Common names*, Toot-berry, Tupa-kihi or Tutu (New Zealand species).

Preparation, Tincture or trituration of the berries.

Authorities. 1, W. Lander Lindsay, M.D., F.R.S., Br. and For. Med. Chir. Rev., 1868, 2, 163, general effects of eating the berries; 2, Mr. Martin ate $\frac{1}{2}$ pint of the berries, *ibid.*; 3, a young man ate old berries, with the seeds, *ibid.*; 4, a man ate a large quantity of the berries, including the seeds, *ibid.*; 5, a girl nearly lost her life by eating the berries, *ibid.*; 6, effect of swallowing the berry with the small stalk adhering to it, *ibid.*; 7, M. H. Rev., 9, 278, general effects; 8, J. Giles, M. H. Rev., 10, 187, effects on a man.

Mind.—**Emotional.** Sometimes there are symptoms like those of brain fever,¹—The symptoms differed greatly in different individuals. Some became excited or violent; they laughed or they raved outrageously, or their conduct was simply grotesque in the extreme; the results, indeed, closely resembled those producible by “laughing gas.” Others appeared as if under the influence of alcoholic stimulants,²—Occasionally the delirium resembles that of alcoholic intoxication, or delirium tremens; at other times it rather approximates that of acute mania, being marked by great muscular excitement, the patient requiring restraint of the most powerful kind, in some instances the assistance of several strong men, for several hours,¹—It is called “Tupa-kihi” by the New Zealanders, because persons under its influence resemble in their actions “drunken Europeans,”¹—During the night he was seized with *delirium*, accompanied by great muscular excitement, resembling that of acute mania, necessitating the assistance of several men to restrain him,⁴—Felt as if he had been newly born into the world, and was overwhelmed with wonder at the novelty of all his surroundings (third day),²—**Intellectual.** One of the characteristics of the convalescent stage is loss of memory, with or without a vertiginous condition,¹—On emerging from the comatose condition, loss of memory was the chief or only peculiarity observable. For about half a day he remained in a semi-stupid state, not able to remember where he was or what he had been doing for the previous forty-eight hours, or how he had come there (third day),²—When convalescing from the stupor, resembled a person emerging from a brain fever. Was utterly oblivious of the particulars of his illness, denying even that he had eaten the berries,³—[10.] The next day he was pretty well, but had entirely lost his memory of all recent occurrences. He could not tell me even to what detachment of the regiment he belonged, or at what post he had been stationed. This loss of memory seems to be a characteristic effect of this plant,³—Total

loss of consciousness,³.—When he attempted to get out of bed, at about 6 A.M., he got on his clothes partly, but suddenly lost all consciousness till about 11 A.M. (second day). He was conscious for a minute or two, but almost immediately relapsed into stupor, which continued for about twenty-four hours,².—Stupor,¹.—State of stupor continuing all the next day, following the convulsions,³.—Coma, with or without convulsions or delirium,¹.

Head.—Giddiness,¹.—It seems to act principally on the intellectual or parietal portion of the brain, producing great excitement, followed by congestion. Its action is rapid,⁷.

Stomach.—Retching,⁵.—Vomiting,⁵.

General Symptoms.—[20.] Convulsions,⁵.—Seized with convulsions, which speedily became so violent that it required two strong men to hold him. These convulsions were severe for about forty minutes, when they gradually diminished, and the patient passed into a state of stupor (after five hours),³.—Tetanic convulsions. From his appearance I should have certainly supposed that he had taken strychnia. The convulsions were very violent and the opisthotonos complete,⁸.—Attack similar to epilepsy (from swallowing berry with small stalk adhering),⁶.—A peculiar form of *nervous irritability* not observable prior to the Toot poisoning (after several years). It is questionable, however, whether this sequela is a “*propter hoc*,” or a mere “*post hoc*,”⁵.

CORNUS CIRCINATA.

C. circinata, L'Her. *Natural order*, Cornaceæ. *Common name*, Round-leaved cornel.

Preparation, Tincture of the bark.

Authorities. 1, Dr. Marcy's provings on self with 3d dil., from 2 to 5 drop doses, *N. Am. J. of Hom.*, 3, 278; 2, same prover, repeated doses of 10 to 60 drops of tincture; 3, Dr. Crane, 10 to 40 drops of tincture; 4, Dr. Fullgraff, with 3d dil.; 5, same, with 10 to 120 drops of tincture; 6, Dr. Freeman, with 10 to 150 drops of tincture; 7, Mrs. A. took the 12th dil.; 8, Master C. took 1st dil.; 9, Master J. took tincture, 20-drop doses three times in one day, at 9, 10, and 11 A.M.

Mind.—**Emotional.** Depression of spirits (fourth and sixth days),³; (sixth day),⁵; (fourth day),⁶.—Unusual depression of spirits (twelfth day),¹.—Great depression of spirits (ninth day),⁷.—Great depression of spirits; weak and petulant (thirteenth and fourteenth days),².—Peevishness (eighth day),⁷.—Indifference with respect to matters which usually excite interest (eighth day),¹.—**Intellectual.** Disinclination to think, read, or work (seventh day),³.—Inability to apply the mind with vigor (seventh day),¹.—Inability to concentrate the thoughts (third day),⁶.—[10.] Difficulty in fixing the mind upon any subject (fourth day),³.—Difficulty in fixing the mind, and in attending properly to ordinary affairs (thirteenth day),¹.—Reads without appreciating the meaning of words; inability to concentrate the mind upon any subject (fourth day),⁵.—Confusion of ideas (eighth day),¹; (thirteenth day), (150 drops),⁶.—Towards night, the mind became confused, the stupid, sleepy sensation became more strongly marked, and there was an almost entire inability to concentrate the thoughts upon any subject (tenth day),².—Forgetful of little things (third day),⁶.

Head.—**Confusion and Vertigo.** Confused feeling in the head (ninth day),³.—Confused feeling in the head on rising in the morning

(sixth day),².—Heavy confused feeling in the top of the head; with some drowsiness (after one hour, first day), (20 drops),⁶.—Dull, heavy, confused feeling in the head (third day),⁶.—[20.] Giddiness (first day),⁹.—Giddiness, on shaking the head, or on stooping (seventh day),⁷.—**General Head.** Congestion of blood to the head and face (seventh day),².—Lightness of the head (twelfth day),²; (ninth day),⁸.—Head feels light (seventh day),⁷.—Heaviness of the head (eleventh day),²; (after one hour), (60 drops), (thirteenth day),⁶.—Heavy feeling in the head (third day),⁹.—Dull heavy pain over the whole head (sixth day),⁸.—Dull heavy pain through the head; increased by walking, stooping, or shaking the head (thirteenth day),¹.—Headache (first day),⁹.—[30.] Awoke this morning at 6 o'clock, with headache, distension and dull pains in the bowels, and urgent desire to go to stool. During the evacuation, which was thin, of a dark green color, and very offensive, the pains became more acute, and there were slight symptoms of tenesmus. The discharge was accompanied with copious emissions of foul-smelling flatus (fourth day),².—Slight headache and drowsiness (fifth day),⁴.—Slight teusive-aching pain in the whole head (after two hours), continuing for about an hour, when the action of the dose subsided entirely (first day),⁶.—Dull pains in the head (second and third days), (sixty drops),⁶; (third day),⁸; (fourth day),².—Dull pains throughout the whole brain (after two hours, tenth day),².—Dull pain throughout the whole brain (fourth day); dull, heavy pain (fifth day),³.—Deepeat, dull pain in the brain, under the centre of the skull (after half an hour, fifth day),⁵.—Fulness of the brain, in the morning on rising (sixth day),².—Slight fulness in the head, which was relieved by a copious, thin, and bilious discharge from the bowels. This evacuation was succeeded by slight tenesmus, and considerable burning at the anus, which lasted half an hour (fifteenth day),¹.—Sense of fulness at the head (eighth day),¹.—[40.] Head feels too full and confused (sixth day),⁸.—Drawing sensation from the back of the head to the nose (second day),⁵.—Shooting pains through the whole brain (eighth day),⁷.—Pulsations extending from the front to the back part of the head (fifth day),⁵.—**Forehead.** Dull pain in the forehead (after half an hour, twelfth day),⁶.—Dull pain in the forehead (sixth day),³; (after half an hour, twelfth day),⁶.—Dull pain in the forehead and vertex (after two hours, thirteenth day), (60 drops),⁶.—Dull pain in the forehead, accompanied with rumbling in the bowels (after two hours, first day),².—**Temples.** Headache in the temples, during the afternoon and evening (second day),⁸.—During the day, have been suffering from severe aching pains through the temples, and on the top of the head (fifth day),².—[50.] Dull throbbing pains in the temples (fourth day),⁶.—Dull throbbing pains in the temples and sides of the head (second day),⁵.—Severe pulsative pains in the temporal regions; these pains gradually passed off during the afternoon and night (fifth day),⁵.—**Vertex.** Dull throbbing pains in the vertex (seventh day),².—**Occiput.** Pain in the back of the head (after half an hour, fifth day),⁵.—Drawing pains in the back part of the head (ninth day),⁷.—Deepeat pulsatory pain in the occipital and parietal regions (third day),⁵.—**External Head.** Aggravation of an habitual scurfy eruption of the scalp (seventeenth day),¹.—Soreness of the scalp (seventh day),².—Itching of the scalp, the legs, and feet, increased by rubbing or scratching; after scratching, a painful burning sensation remains for some time (sixteenth day),¹.

Eye.—[60.] Eyes dull and heavy, as after a debauch (second day),⁶.—Hollowness of the eyes (second day),⁵.—Eyes sunken (sixth day),².—Sunken eyes, with slight discoloration under the eyes (second day),⁵.—Dark circle

around the eyes (fifth day),⁵.—Dark circle under the eyes (second day),⁵.—**Brow and Orbit.** Slight pain over the right supraorbital ridge (twelfth day),⁶.—Very heavy sensation around the eyes (fifth day),⁵.—Contracting feeling around the eyes (fifth day),⁵.—Aching pain over the right eyebrow (fourteenth day),⁶.—**Lids.** [70.] Heaviness of the eyelids (eighth day),⁷; (after two hours), (tenth day),²; (eleventh day),¹.—**Conjunctiva.** Yellow color of the conjunctiva (second day),⁵; (sixth day),³; (eleventh day),¹.—Yellowish tinge of the conjunctiva, and of the face (second day),⁶.—**Ball.** Aching pain in the eyeballs (seventh day),².—Aching pain through the eyeballs (eleventh day),¹.—Dull pain in the eyeballs (fifth day),⁵.—Very dull feeling over the eyeballs (fifth day),⁵.—Soreness of the eyeballs (fifth day),⁶.—**Nose.**—Some symptoms of coryza early this morning (sixth day),².—Prickling sensation in the nasal canal (fifth day),⁵.

Face.—Objective. [80.] Expression of countenance dull and sickly (eleventh day),¹.—General expression indicative of great physical and mental depression (sixth day),².—Sallowness of the countenance (tenth day),^{1,2}.—Sallow countenance (second and sixth days),⁵; (thirteenth day), (150 drops),⁶.—Yellow complexion (eighth and ninth days); still somewhat yellow (fourteenth day),².—The countenance is yellowish (sixth day),².—**Subjective.** Burning of the face, hands, and feet (fifth day),⁸.—On rising, in the morning, felt a burning sensation over the whole face, feeling as if it was flushed, but without redness of the cheeks (fifth day),³.

Mouth.—Tongue. Whitish fur upon the tongue (fifth day),⁶.—Tongue covered with a whitish fur (sixth and eleventh days),².—[90.] Yellowish fur upon the tongue (sixth day),².—Tongue covered with a thin yellowish fur (eighth day); slightly furred (tenth day),¹.—**General Mouth.** Dryness of the mouth (sixth day),⁷.—Mouth and throat dry (sixth day),².—Smarting in the mouth and throat (second day),⁸.—**Taste.** Clammy taste (eighth day),¹.—Insipid taste in the mouth (eleventh day),².—Pungent taste in the mouth (fifth day),⁶.—Bad taste in the mouth (sixth day),⁷; (third day),⁹.—Bitter taste (fifth day),⁸; (ninth day),³; (twelfth day),¹.

Stomach.—Appetite. [100.] Impaired appetite (sixth day),⁵.—Poor appetite (fifth day),⁶; (tenth day),⁷.—Small appetite (third day),⁹.—Loss of appetite (sixth day),³; (twelfth and nineteenth days),¹.—No appetite (fourth day),⁸.—Aversion to food (eleventh day),².—Aversion to all kinds of food and drinks (twelfth day),¹.—Aversion to meat and bread (eighth day),⁷.—**Thirst.** Desire for sour drinks (eleventh day),².—**Eruc-tation.** Eructations (eighth and ninth days),².—[110.] Empty eructations (sixth day),⁶.—Bitter eructations (ninth day),⁷.—**Nausea.** Nausea (second day),⁵; (fifth day),⁸; (ninth day),³; (tenth day),⁷; (twelfth day),¹.—Nausea, at 10 A.M. (after two hours, tenth day),².—Nausea, with feeling of debility and languor (thirteenth day), (160 drops),⁶.—Slight nausea (after one hour, thirteenth day), (60 drops),⁶.—Sick at the stomach, at 1 P.M. (first day),⁹.—**Stomach.** Distension of the stomach and bowels with wind (sixth day),³.—Empty feeling in the stomach (eighth and ninth days),².—Weakness in the stomach (fifth day),⁸.—[120.] Pain in the pit of the stomach during dinner, with distension of the bowels from wind, which were relieved by a loose, windy stool immediately after dinner, of a dark and bilious character (second day),⁶.—Burning sensation in the stomach, lasting an hour and a half (after half an hour, first day),³.—Sensation of burning in the stomach and bowels (second day),⁸.—Fulness and oppression in the stomach and bowels (sixth day),⁷.—Gnawing, faint feeling in the

stomach (ninth day),³.—Heavy pulsation in the stomach (after nine hours, second day),⁵.

Abdomen.—**Umbilical.** Dull pain in the umbilical region (after two hours, tenth day),².—**General Abdomen.** Distension of the bowels, with occasional griping pains (eleventh day),¹.—Constant working in the bowels, as if their contents were all in motion (after three hours, second day),⁵.—Rumbling in the bowels (thirteenth day), (150 drops),⁸.—[130.] Rumbling of wind in the bowels (first day),⁹; (seventh day),².—Large emission of very offensive flatus (after one hour, second day),⁵.—Slight uneasiness in the bowels (eleventh day),².—Uneasy sensations in the abdomen (fourth day),⁶.—Vague pains, and general sense of uneasiness in the bowels (thirteenth day),¹.—Fulness and uneasiness in the bowels (twelfth day),¹.—Griping in the bowels, with inclination for stool, but could not effect anything, at 2 P.M.,⁹.—Slight griping pains in the abdomen, accompanied with rumbling of wind, at 10 o'clock; these pains were experienced over nearly the whole abdomen, but chiefly in the vicinity of the umbilicus, and they did not subside until bedtime, at 11½ o'clock (second day),¹.—Occasional griping pains in the bowels (fourth day),⁵.—Griping-shooting pains from the centre of the chest (apparently in the thoracic muscles), down to the lower part of the abdomen; the pains coming on severely at intervals, and then remitting (third day),⁵.—[140.] Occasional drawing pains from the stomach to the lower part of the abdomen (first day),⁹.—Dull pains in the bowels (third day),⁸; (fourth day),².—**Hypogastrium.** Rumbling of wind in the lower part of the bowels (sixth day),⁶.—Sense of weight in the lower part of the abdomen (ninth day),⁷.—At about 11 A.M., felt a griping pain in the lower part of the bowels, with rumbling of wind and frequent discharge of offensive flatus (after three hours, third day),².

Rectum and Anus.—Frequent inclinations to go to stool, but no satisfactory discharges, the result being a small quantity of dark and slimy fluid, and much offensive flatus (second, third, and fourth days),³.—Some desire for stool (second day),⁶.—Urging to stool (twelfth day),¹.—Some urging to stool (thirteenth day), (150 drops),⁶.—Awoke at 5 in the morning, with a sensation in the rectum as if he must have an evacuation (second day),³.—[150.] Increased sensation in the rectum, urging to stool. He rose at once to dress, fearing, however, that he should not have time on account of the increasing desire to evacuate. Accompanying this sensation in the rectum there was a bearing-down pain in the abdomen, which contributed to the disposition to evacuate (twenty minutes after 20 drops, second day),².—On rising felt an urging to stool (sixth day),².

Stool.—**Diarrhœa.** Loose, scanty stool at 9 o'clock in the morning, attended with tenesmus, burning at the anus, and discharge of offensive wind (fifth day),².—Large, loose, and dark stool, with some griping and tenesmus, in the morning (seventh day),⁸.—Small and somewhat loose evacuation from the bowels, with much discharge of offensive flatus, and burning at the anus, in the morning (second day),⁹.—A copious stool, slightly loose, and attended with slight pressing-down pain in the rectum (third day). Stool looser, and more scanty than usual, with slight burning pain in the rectum during the evacuation (fourth day). A slightly relaxed stool at usual hour this morning (fifth day). Stool this morning thin and scanty, with pressing pain in the rectum, smarting at the anus after the discharge, dull feeling in the head, drowsiness and lassitude (sixth and seventh days). Stool thin and scanty, and attended with some tenesmus, griping in the umbilical region, rumbling of wind, and large discharge of

offensive flatus (ninth day),¹.—Copious dark stool of natural consistence, attended with a pressing-down sensation in the rectum (eighth day),³.—Dark, thin, and moderately large stool, with some tenesmus and burning at the anus (second day),³.—Dark, thin stool, with slight tenesmus, on rising in the morning (third day),⁶.—A small discharge of bilious and slimy matter, accompanied with copious emissions of wind and some tenesmus. During and after the discharge, a severe burning pain was felt at the anus, and a short distance within the rectum (tenth day),².—[160.] Very offensive stool of a bilious character, and rather loose (after two hours and a half); another passage rather less loose and less offensive (after seven hours, second day),³.—**Constipation.** Stool, hard, dry, and scanty, with slight pressing in the rectum, at 9 P.M. (tenth day)¹.—Stool scanty and dark-colored, and attended with burning pain at the anus, at 7 o'clock in the morning (seventh day),⁷.—Towards night, a scanty stool, with burning at the anus during the discharge (twelfth day),².—Very early in the morning was obliged to get up to relieve the bowels, but could do nothing at all satisfactory, or which gave relief, the discharge consisting of only a few slimy lumps, and being attended with pressing and smarting at the anus (third day),⁵.

Urinary Organs.—Urine scanty and red (fourth day),³.—Urine scanty and red; has to pass water oftener than usual (sixth day),⁸.

Sexual Organs.—Strong and persistent erections frequently during the night (fourth night),³.

Chest.—Choking sensation in the upper part of the thorax (tenth day),⁷.—Stitches in the chest and back (after two hours, tenth day),².—[170.] Stitches in the chest and under the right scapula (seventh day),².—On rising in the morning, a sore feeling in the chest and back, as if the parts had been bruised (third day),⁵.—Sensation of dragging or bearing down on each side of the thorax (second day),⁵.

Heart and Pulse.—Accelerated pulsation of the heart (second day),⁵.

Neck and Back.—**Neck.** Drawing pains in the nape of the neck (ninth day),⁷.—**Back.** Dull pains in the back (third day),⁸.—Dull pains in the back and knees (twelfth day),¹.—Pain in the lower part of the back and abdomen (second day),⁵.—Sore pain in the lumbar region, worse by bending forward (second day),⁵.—Dull pains in the small of the back (fourth day),².

Inferior Extremities.—[180.] Weakness of the legs (sixth day),⁵.—Weakness and trembling of the legs (fifth day),⁵.—Weakness and weary feeling in the legs (sixth day),³.—Weary feeling in the legs (fifth day),².—Tired feeling in the legs on walking, or ascending stairs (eighth day),⁸.

General Symptoms.—Objective. General loss of energy (second day),⁵.—Almost entire prostration of the mental and physical energies (fifth day),³.—Weakness (third day),⁸; (fifth day),².—Unusual weakness (third day)⁹.—Debility (twelfth day),².—[190.] Slight debility (eighth to tenth day),⁸.—Some debility (fifth day)⁶.—Considerable debility (fourth day); increased (fifth day),⁵.—Great debility (fifth day),⁵.—General debility (tenth day),¹.—**Subjective.** Feeling of indolence and loss of physical energy (fifth day),⁵.—Sense of fatigue (fourth day),⁶.—Felt fatigued through the forenoon (eighth day),⁷.—Disinclined to mental or physical labor (seventh day),⁵; (twelfth day),².—Complete disinclination to mental or corporeal exertion (ninth day),¹; (thirteenth day), (150 drops),⁶.—

[200.] Dread of making any exertion (eighth day),⁸.—General sense of weariness (first day),⁹.—General sense of weakness (second day),⁵.—Felt weak and languid, on waking in the morning (ninth day),¹.—Sense of debility and lassitude (seventh day),¹.—Sense of debility and fatigue (seventh day),².—Languid (nineteenth day),¹.—Lassitude (fifth day),³; (eighth and ninth days),²; (ninth day),⁸; (twelfth day),¹.—Lassitude during the day (second and third days), (60 drops),⁶.—Unusual lassitude and debility (fourteenth day),¹.—[210.] Great lassitude and apathy, in the morning, on rising (sixth and thirteenth days),².

Skin.—Objective. A fine scarlet rash on the breast, attended with itching, but which disappeared in two or three hours (eleventh day),².—**Subjective.** Itching of the skin all over the body (fourth day),⁸.—Itching in different parts of the body (eleventh day),².—Itching of the skin at different points (fifth day),⁶.—Prickling of the arms and legs (first day),⁹.—Itching of the integuments of the head and legs, and of the nasal mucous membrane (fifth day),².—Occasional paroxysm of itching of the skin of the back, legs, and feet, coming on generally during the evening (forty-third day),¹.—Itching on the legs, thighs, and around the labia (eighth day),⁷.

Sleep and Dreams.—Sleepiness. Great inclination to sleep (fifth day),²; (twelfth day),¹; (thirteenth day), (100 drops),⁶.—[220.] Drowsiness,³; (second, third, and eighteenth days), 60 drops,⁶; (second, fourth, and fifth days),⁸; (fifth day),⁵; (seventh day),³; (seventh, eighth, ninth, and eleventh days),¹.—Drowsiness; almost irresistible desire to sleep (second day),⁵.—Great drowsiness (after two hours, tenth day),².—Very great drowsiness, with heavy feeling in the head, and sensation of emptiness of the stomach (after half an hour). Pain in the head and drowsiness became so great that he could not well endure it (after six hours). Strong coffee afforded speedy relief to the headache and drowsiness (second day),³.—Drowsy (eighth day),⁷.—Began to feel drowsy at 1 P.M. (first day),⁹.—During the day have been very drowsy, and disinclined to make any effort (fourth day),².—Sleepy and stupid feeling (fifth day),⁸.—Slept soundly this night, a circumstance quite unusual on former occasions when he had taken coffee, as this beverage had always before kept him awake through the entire night (second day),³.—Slept more profoundly and later than usual (fourth night),¹.—[230.] Slept very soundly, but woke at 7, without feeling refreshed (fifth night),⁷.—Slept very soundly last night, but woke up this morning without feeling refreshed as usual by sleep (fifth morning). Slept very soundly last night, and awoke an hour later than usual (sixth morning),².—**Sleeplessness.** Restless during the night, continually turning from side to side (second night),⁸.—**Dreams.** Sleep disturbed by unpleasant dreams (eighth night),¹.—Sleep disturbed by unpleasant dreams. Awoke once by a frightful dream, in a profuse perspiration (eighteenth night),¹.—Slept more soundly than usual, but had frightful dreams (second day),⁶.

Fever.—Chilliness. Chilly sensations, succeeded by transient flushes of heat (eleventh day),¹.—Coldness, followed by flushes of heat and perspiration (fourth day),⁸.—Hands and feet cold (seventh day),⁸.—**Heat.** Transient flushes of heat pervading the whole body (eighth day),⁷.—[240.] Flushes of heat, followed by easy general perspiration (eighth day),¹.—Flushes of heat and coldness in alternation, followed by cold perspiration (seventh day),².—Heat on the top of the head (sixth day),⁷.—Unusual heat in the head and face in the morning on rising (sixth day),².—Head hot (seventh day),⁸.—Head and face hot (fourth day),⁸.—Face and hands hot (eleventh day),².—Flushes of heat to the head and face (fourth day),⁶.—

Sweat. Disposition to perspire on the slightest exertion (eleventh day),¹.—Slight exercise causes free general perspiration and unusual fatigue (eighth day),¹.—[250.] Easy perspiration (sixth day),⁶.—Rather copious perspiration on making slight exertions (after two hours, tenth day),².—Copious general perspiration, which seems clammy (soon); subsiding in about an hour, and succeeded by a general chilliness (thirteenth day), (100 drops),⁶.

Conditions.—Aggravation.—(*Morning*), On rising, confused feeling in head; at 6 o'clock, on waking, headache; on rising, fulness of the brain; early, headache in temples; on rising, burning over face, etc.; on rising, urging to stool; at 9 o'clock, *loose stool*; on rising, diarrhœic, etc., stool; very early, unsatisfactory stool; on rising, sore feeling in chest; on waking, felt weak, etc.; on rising, lassitude, etc.; on rising, heat in head, etc.—(*Afternoon*), Headache in temples.—(*Evening*), Towards night, mind confused, etc.; headache in temples.—(*Bending forward*), Pain in lumbar region.—(*During dinner*), Pain in pit of stomach, etc.—(*Rubbing or scratching*), Itching of scalp, etc.—(*On shaking head*), Giddiness; pain through head.—(*During stool*), Pain in bowels.—(*On stooping*), Giddiness; pain through head.—(*Walking*), Pain through head.

Amelioration.—(*Stool*), Fulness in head.

COTYLEDON.

Cotyledon umbilicus, L. (Umbilicus pendulinus, D.C., Pl. Grass., tab. 156.)

Natural order, Crassulacæ. *Common names*, Pennywort, Navelwort, or Kidneywort; le nombril de Venus.

Preparation, Tincture of the plant.

Authorities. 1, Dr. Wm. Craig, provings with the tincture, 5 to 100 drops, B. J. of Hom., 11, 599; 2, proving with 1st dec. dil.; 3, proving with 3d cent. dil.; 4, proving with 6th dil.; 5, Dr. Irvine, proving with tincture 20 to 100 drops; 6, Margaret D., aged 15, proving with 1st cent. dil.; 7, Dr. Alfred Pope, proving with 3d dil.; † 8, Mary T., aged 17, proving with the 3d cent. dil.; 9, Frank Holmes, proving with the 1st cent. dil.; 10, Margaret C., aged 54, proving with 1st dec. dil.; 11, Annie C., proving with tincture, 3 and 5 drop doses; (all provings with repeated doses).

Mind.—Emotional. After a light sleep, awoke in the middle of the night in a wild, half-unconscious state, with a disagreeable sensation running down the back of the thigh and leg, with a feeling as if there was no foot. The head felt exceedingly light, as if there were no solid head, and she could not articulate for some time, although she endeavored to do so. This left a severe pressing headache on the vertex, passing forward over the eyes, with pulsating pain in the temples, removed by a cup of tea (seventh day),¹⁰.—Awoke, early in the morning, in a state in which she felt as if she were going out of her mind. It was not disagreeable, as she felt in an elevated careless state. This lasted about five minutes, and was followed by trickling, as of blood, down the left arm, from the shoulder to the finger-points (fourth day),¹¹.—Great liveliness, inclination to sing and be happy,¹¹.—Strong desire for company and excitement,¹¹.—Extraordinarily

† The epigastric symptoms of this prover are not reliable, as the prover was subject to dyspepsia.

good spirits and energy (sixteenth day),².—Spirits extremely low (third day),⁷.—Anxiety, with pain in the abdomen and flatulent distension (eighteenth day),⁸.—**Intellectual.** Apprehension very obtuse (disappearing almost immediately on taking 5 drops of mother tincture), (seventh day),¹⁰.—Great difficulty in collecting her ideas,¹¹.—[10.] He cannot think (tenth day),⁹.—Feels silly and lost (tenth day),⁹.—Absence of mind (ninth day),³.—Feels lost before the headache comes on,¹¹.—After taking the medicine, she feels lost; cannot collect herself; forgets what she is doing and saying; difficulty in expressing herself (sixth day),⁶.—Head clear on getting up, but towards midday it became very obtuse, so that I had to make an effort to collect myself (ninth day),³.—She has to make an effort to discover where she is, and to whom she is talking,¹¹.—Forgets the subject of discourse,¹¹.

Head.—Vertigo. Occasional dizziness in the forehead (third day),⁷.—**General Head.** Head feels dull (fourth day),¹.—[20.] Heaviness of the head, with dulness of the eyes, inducing closing of them (disappearing after 15 drops of the tincture), (second day),¹⁰.—Headache occurs every ten minutes,¹¹.—General headache (seventh day),⁴.—General headache, in the morning, on getting up (fifth day),⁴.—Slight general headache, with confusion (after 10 drops of the mother tincture),².—Dull headache in front and to the right side; worse on shaking the head (after two hours), (first day),⁴.—A weight on the brain (disappearing almost immediately on taking 5 drops of the mother tincture), (seventh day),¹⁰.—During the headache, great inclination to go out into the open air, with relief by going out,¹¹.—**Forehead.** Dull, heavy, stupefying pain in the forehead and vertex, shifting suddenly between these,¹¹.—Slight aching in the forehead (fifth day),⁷.—[30.] Sharp headache over the left eye (nineteenth day),³.—Occasional beating headache over the left eye (eighth day),².—**Temples.** Darting through the temples (twenty-third day),⁹.—Darting pain through each temple; the darts meet in the centre of the head; worse on stooping (twenty-first day),⁹.—Painless beating occasionally, lasting about a minute, in the left temple (first day),¹⁰.—**Parietals.** Pain in the right side of the head (sixteenth day),³.—Pain in the left side of the head (third day),⁶.—Awoke with headache in the right half of the brain, in the morning (third day),⁴.—Dull pain in the right parietal region, which lasted half an hour (after a few minutes), (first, second, and third days),⁵.—Darting in the side of the head, aggravated by stooping (fourth day),⁶.—[40.] Shooting pain from behind forward, in both sides of the head, in the open air (sixteenth day),³.—Stinging through the right half of the head, from before backward (twelfth day),⁴.—**Occiput.** Aching pain in the occiput (seventeenth day),³.—**External Head.** Scalp was slightly tender over the right parietal region, and remained so an hour or two after the pain had disappeared (second and third days),⁵.

Eye.—Fulness and itching in the eyes (third day),⁴.—Sudden, extremely acute smarting in the right eye, while reading, soon gone, but leaving a smarting in the external canthus, some redness of the conjunctiva (after four hours). In half an hour the same sensation in the left eye, followed by aching in the right occiput,⁴.—Itching in the eyes (second day),⁴.—**Brow and Orbit.** Aching in the left infraorbital region (seventh day),⁴.—Slow drawing over the left eye, and in the left occiput (seventeenth day),³.—Slight dartings over the left eye (seventh day),⁴.—[50.] Shooting pain over the left eye, in the morning (third day),³.—Slight stinging over the left eye (fourth day),³.—**Ball.** Stinging in the upper part of the right eyeball (seventh day),⁴.—**Vision.** Dimness of sight; had

to rub the eyes frequently (ninth day),⁹.—Dimness of sight, and itching of the eyes, during the headache, with great coldness of the feet,¹¹.—A yellow patch follows the eye when he reads (tenth day); a red patch on the letter as he reads (fourteenth day),⁹.

Ear.—Right ear feels somewhat stuffed (sixth day),⁷.—Eustachian tube of the left side felt as though it were stuffed with mucus; it was extremely painful and caused great deafness (first day); it was still clogged the next day, and there was a little deafness,⁷.—**Hearing.** Singing in the left ear (after half an hour, fifteenth day),¹.—Disagreeable singing noise in the left ear (second day),⁷.

Face.—[60.] Flushing of the face, with confusion of the head (after half an hour, fifteenth day),¹.

Mouth.—Ruuving of clear water from the mouth (tenth day),⁸.—Sour taste in the mouth (fifth day),⁷.

Throat.—Constant choking in the throat-pit, and feeling as if he would burst into tears (twelfth to fourteenth days),⁹.—Back part of the pharynx feels as if covered with thick mucus (fourth day),¹.—Difficulty in swallowing, with sense of fulness in the right side of the pharynx (eleventh day),⁴.

Stomach.—**Appetite.** Want of appetite (twenty-first day),⁹.—No appetite till evening (twenty-second day),⁹.—**Eruclations.** After tea, slight regurgitation, with dull pushing pain in the region of the spleen, recurring at intervals (after 50 drops), recurrence (after 20 drops), (fifteenth day),¹.—**Nausea.** Slight nausea, with headache (second and third days),⁵.—[70.] Excessive nausea (fifth day),⁷.—Sick and dizzy (eighth day),⁸.—

Stomach. Pain at the epigastrium through to the shoulders, with nausea (fourth day),⁸.—Fulness and pricking at the cardiac extremity of the stomach, after a moderate diuner (first day),².—Pain in the epigastrium, as from excessive tightness (fifth day),⁷.—On swallowing, the morsel seems to pass and press against some swelling in the cardiac region, in the evening (twentieth day), recurring during the proving,¹.—Uneasy pricking at the stomach (sixth day),².—Soreness of the epigastrium (after 10 drops of mother tincture),².—Soreness, tightness, and distension in the epigastric region (fifth day),⁷.—Beating at the epigastrium (eighth day),⁹.—[80.] The symptoms in the epigastrium are not to be relied on, as the prover was subject to slight dyspepsia,⁷.

Abdomen.—**Hypochondria.** Bloating fulness in the right hypochondrium (twenty-second day),⁹.—Dull pain in the left hypochondrium,².—A long stitch in the left hypochondrium, on taking a deep breath (after 10 drops of mother tincture),².—Pricking and fulness in the right hypochondrium, after diuner (eleventh day),⁴.—**General Abdomen.** Abdomen distended (seventh day),¹⁰.—Bowels much distended with flatulence; no relief can be obtained at stool (fifth day),⁷.—Flatulent distension of the abdomen (disappearing after 15 drops of the tincture), (second day),¹⁰.—Borborygmus (after 10 drops of mother tincture),².—Flatus (eleventh day),⁴.—[90.] Griping in the bowels, before falling asleep (fifteenth day),¹.—Bellyache all the evening, increased immediately after eating even a little bread (eleventh day),⁴.—Twitching about the bowels, followed by a loose stool (after half an hour, first day),⁹.

Stool.—**Diarrhœa.** Diarrhœa, with sickness (ninth day),⁸.—During the proving the bowels were occasionally loose; the stools large and without pain,⁶.—Bowels more open than usual; stools large, fluid and bilious (twenty-second day),¹.—Bowels, which are generally confined, freely opened;

stools large and fluid (third day); bowels opened twice (fourth day); stools large, liquid, and bilious (sixth day); bowels opened three times (ninth day); stools loose, large, and bilious (twenty-second day); bowels very loose (twenty-third day),⁹.—**Constipation.** Bowels confined three days (secondary), (eighth day),⁴.

Urinary Organs.—Frequent calls to urinate; urine profuse and limpid (eighth day); frequent micturition, nine times more than natural (tenth day); urine profuse and limpid (twenty-second day),⁹.—Increased quantity of clear urine (eleventh day),⁴.—[100.] For a few days the urine continued to be increased in quantity, and smelled strongly of sweetbrier; there was a white sediment,⁴.

Respiratory Organs.—Bronchi. Tightness and raw sensation about the bifurcation of the bronchi (two hours after 10 drops), (fourth day),¹.—Throbbing, with pain and soreness at the root of the bronchi, on coughing (eighth day),³.—**Cough and Expectoration.** Awoke with slight cough and a little dyspnoea, very similar to that felt yesterday morning, but slighter in degree (third day),⁷.—Slight cough, on rising in the morning (fourth day), with a tickling in the larynx (fifth day),⁷.—Awoke at 4 A.M. with a violent cough, attended by an excessive tickling in the larynx, and sense of suffocation; respiration hurried and difficult; attack lasted a quarter of an hour; no way relieved by change of posture (first day),⁷.—Short, dry cough throughout the day (second day),⁸.—Scanty expectoration of frothy mucus (first day),⁷.—**Respiration.** Sighing (twenty-third day),⁹.—Has to take a deep inspiration now and then (twenty-third day),⁹.—[110.] Breathing has been all day somewhat oppressed and tight (second day),⁷.—Great difficulty in taking a deep inspiration, with aggravation of the sore aching pain in the scapulæ (third day),⁷.—Short of breath (eighth and eleventh days),⁹.

Chest.—Faint at chest (third day),⁶.—A burning dry sensation, with pains in the chest (thirteenth day),⁸.—Rising from the bottom of the chest into the throat, with oppression of the breath; he has to sigh often to relieve the feeling of want of air in the chest (tenth day),⁹.—Tightness across the chest (twenty-second day),⁹.—During the day, twitching tightness round the lower part of the chest, in front, with rising in the throat and want of appetite (third day),⁹.—The chest feels too tight to admit of any expansion (third day),⁷.—Uneasy aching about the chest (eighth day),⁸.—[120.] Chest aches both anteriorly and posteriorly (third day),⁷.—Oppression of the chest all day (sixth day),⁹.—Oppression at the chest, with difficulty in expanding it (eighth day),⁴.—Considerable oppression at the chest, with inclination to sigh (second day),⁶.—Greatly oppressed at the chest, as if from a globus behind the sternum (fifth day),⁸.—Shooting through the chest (tenth day),⁸.—Shooting in all directions through the chest, but particularly under the right scapula and left nipple, during the evening (sixteenth day),³.—Shooting in the right posterior and left anterior chest, in the evening (seventeenth day),³.—Soreness of the chest and limbs, though less severe (fourth day),⁷.—**Front.** Uneasiness behind and to the right of the sternum, on swallowing, as from fulness (for five hours), (eleventh day),⁴.—[130.] Pushing aching under the sternum (twenty-fourth day),⁹.—Dull pain, varying in intensity, to the right of the sternum, below the cartilages of the fifth and sixth ribs (ninth day),⁴.—On breathing deeply, there is a dull heavy pain in the middle of the sternum, as if from a blow, passing through to the back, in the evening (twentieth day); recurring during the proving,¹.—Great oppression behind the sternum, on walking (eighth day),⁹.—Constant oppressed sensation at the sternum, relieved for a little by sighing (third

day),⁶.—Sense of thrusting at the sternum (seventh day),⁹.—Thrusting at the lower end of the sternum (fourth day),⁹.—Stitch in the anterior chest, lasting some minutes, followed by a similar pain in the left posterior chest (seventh day),⁴.—Very sore under the sternum, particularly towards the left side (after first dose, third day),⁷.—Heavy throbbing at the sternum, coming on particularly on slight exertion (fifth day); the same sensation more constant (sixth day),⁸.—[140.] Single heavy throbs at the sternum, on walking (eighth day),⁴.—*Sides*. Uneasiness in the right and left sides of the chest (second day),⁴.—Continual uneasiness in the right and left chest, anteriorly (tenth day),⁴.—Pain and tenderness on percussion, under the left clavicle (ninth day),⁴.—Uneasy fulness in the right chest, with a heavy pain to the right of the lower end of the sternum (eighth day),³.—Drawing pain from the region of the left breast through to the angle of the scapula (eighth day),⁴.—Dull pain, varying in intensity, with external smarting about an inch below the left nipple (ninth day),⁴.—Dull broad pain from left nipple to the point of the left scapula; worse on walking (half an hour after 10 drops, first day),³.—Succession of long stitches through the right chest, extending to the shoulder and arm, with coldness of the hands and feet (third hour after 10 drops, fourth day),¹.—*Mammæ*. Awoke with pain under the left nipple, which left soon (twentieth day),³.—[150.] Constant pain in the left breast, varying in intensity from dull to acute pain (eleventh day),⁴.—Hot pain, with anxiety, under the left nipple; before dinner (twenty-third day),¹.—Slight but distinct aching under the right breast (first day),⁴.—Dull pain in the right breast, two inches below the nipple, in the evening (after 10 drops, first day),³.—Dull pain in the left nipple (tenth day), (increasing next day after 20 drops),¹.—Dull pain in a small spot under the left nipple, while riding (third day),³.—Awoke with continuous dull pain above and to the left of the left nipple, worse on inspiration; pain, not constant, towards the right side of the middle of the sternum; these pains, particularly the former, keep recurring, without any apparent exciting cause (nineteenth day),³.—Darting pain for some time in the left breast (fifth day),⁶.—Short-lasting stitches under the right breast (second day),⁴.—Dull stitches under the left nipple, continuing many hours (sixteenth day),³.—[160.] Soreness in the right breast on pressure; a continual pain in that region (eleventh day),⁴.—Tenderness over a circumference of three or four inches, about an inch below the left nipple (ninth day),⁴.—Single heavy throbs, quite rhythmical, at half-minute intervals, below the left nipple, after walking smartly (fifteenth day),³.

Heart and Pulse.—*Præcordium*. Continual weariness, not amounting to pain, in the region of the heart, and in the right hypochondrium (twenty-first day),³.—Uneasiness about the heart (sixth day),³.—Slight feeling of heat about the heart (seventeenth day),³.—Aching at the heart, lasting some hours (fourth day),¹.—There remained, for many weeks, a clawing-dragging pain at the heart, on riding, relieved by compressing the side firmly,⁴.—Occasional pushes at the heart (second day),².—*Heart's Action*. Strong beating of the heart, so bad that he can hear it (eleventh day),⁹.—[170.] Palpitation at intervals of three minutes, consisting of three or four heavy throbs, excited more by mental emotions than by bodily movement (third day). After taking 5 drops more the palpitation declined, and did not return,¹¹.—Occasional palpitation, consisting of three heavy throbs (twenty-third day),¹.—Slight palpitation during the headache, lasting a few seconds,¹¹.—For upwards of a month after the proving there remained a very troublesome palpitation and fulness at the sternum, on walking up-

hill; no exertion seemed to induce it so much as this; it gradually increased for the first fortnight, and afterwards declined in strength and frequency; the sensation occurred at intervals of two or three minutes, and consisted of one or two jumps or rolls of the heart, with occasionally an intermission of the pulse at the wrist,⁴.—Repeated attacks of a kind of palpitation, similar to that felt after quick running, as if the heart beat heavily and with difficulty; it is accompanied by dull pain, as from an obstruction, somewhere at about an inch to the left of the nipple; this recurs at intervals, aggravated by stooping and taking a deep inspiration in the evening (twentieth day); continue to recur during the proving,¹.—**Pulse.** Pulse 106 (seventh day),¹⁰.

Back.—Aching in the back, and down the posterior part of the right thigh (sixth day),⁶.—**Dorsal.** Violent pain between the shoulders (eighth day),⁸.—Aching along the inner border of the right scapula, in the evening (ninth day),⁴.—Dull stitches under the right scapula, which continue many hours (sixteenth day),⁸.—[180.] Felt very sore at the inferior angles of the scapulæ, particularly the left (after first dose, third day),⁷.—Slight tingling under the angle of the left scapula, amounting now and then to pricking (after five minutes); this lasted only a few minutes, but when it passed off, I immediately felt a pain under the angle of the right scapula, as if produced by the pressure of a blunt point. This pain increased in intensity all day, and spread round to the front, being particularly severe under the left mamma. The pain there, and under the angle of the scapula, was a constant dull pressure, but on making any sudden movement with the arm, walking, or expiring strongly, it became shooting, and occupied the interior space, appearing to shoot sometimes from the back to the front, sometimes in the opposite direction. By evening the pain was so great as nearly to prevent my moving about (fourth day); continuing the next day. Had to stay in bed till noon,⁵.†—**Lumbar.** Aching in the back, across the loins (third day),⁶.—Aching pain across the loins, and in the left iliac region (fifth day),⁷.—Long stitches in the loins (seventh day),⁸.—Aching in the region of the kidneys, with shooting in the right loin (fourth day),⁸.—Rather severe aching in the region of the kidneys, extending round into the abdomen, in the evening (eleventh day),⁴.

Extremities in General.—Weakness and aching of the limbs (fourth day),¹.—Aching in all the joints, especially the shoulders, and particularly the right shoulder, inducing constant inclination to stir the limbs (twentieth day),³.—Aching in the large joints, particularly the right shoulder (fifth day),⁶.—[190.] Aching in the fleshy part of the arms, and in the thighs (fourth day),⁶.—Uneasy aching in the thick of the arms and down the back part of the right thigh (from eighth day till several days after the proving),⁶.—A peculiar weary aching in the thighs, knees, and elbows (twentieth day),³.—Sore aching of the upper and lower extremities (third day),⁷.—Repeatedly complained during the day of a soreness and pricking down the limbs, particularly down the ankles (seventh day),¹⁰.

Superior Extremities. Arms feel heavy and sore (seventh day),¹⁰.—**Shoulder.** Awoke during the night with pain in the right shoulder.¹¹.—Uneasy aching in the shoulders and elbows (from eighth day till several days after the proving),⁶.—Between the attacks of headache, gnawing rheumatic pain in the right shoulder,¹¹.—**Elbow.** Shootings in the left elbow (second day),⁴.—[200.] **Forearm.** Jerking sticking in the left radial

† It was the opinion of the prover that this pain was in the pleura.

artery (half an hour after 10 drops, first day),³.—Tingling, sickly pain down the ulnar side of the forearm (fourth day),³.—**Wrists**. Wrists very weak, and hands tremble (twenty-second day),⁹.—Aching bruised pain in wrists (twenty-second day),⁹.—**Hand**. Since the climacteric period, and particularly for some months before the proving, she had suffered from aching tingling in the hands, particularly at night, preventing sleep, and tingling down the arm when the nerve is struck. While taking Cotyledon this disappeared, and has never returned. It is upwards of a year since,¹⁰.—**Fingers**. Shootings in the joints of the fingers (second day),⁴.—Shooting in the phalanges of the fingers (seventh day),³.—Shooting and aching in the fingers (eighth day),⁴.—Acute shootings through the joints of the fingers (seventeenth day),³.

Inferior Extremities.—Legs feel heavy and sore (seventh day),¹⁰.—[210.] She can scarcely walk for aching in the limbs (seventh day),¹⁰.—Shootings from the middle of left thigh posteriorly down to the inner ankle, in the evening (fourth day), continuing till eighth day,¹.—Aching bruised pain all over the lower limbs (twenty-second day),⁹.—**Hip**. Pain and stiffness of the right hip, going off after a walk, in the evening (ninth day),⁴.—Great aching of the hip-joints, relieved by moving about (second day),².—Continual soreness of the hip and thigh, posteriorly (before 20 drops, third day),².—**Thigh**. Aching in the left thigh, followed by numbness (second day),⁶.—Aching in the left thigh, posteriorly (seventh day),⁶.—Aching in the back part of the left thigh, with numbness of the left knee (third day),⁶.—Shooting pain, sudden and sharp, in the right infra-gluteal region, felt principally on walking in the open air (seventh day),¹⁰.—[220.] Stinging pain under the left gluteus maximus, in the region of the great sciatic nerve (before the 20 drops, third day),².—Bubbling sensation in the left vastus internus, continuing for some time (fifteenth day),¹.—**Knee**. Knees ache (eleventh day),⁴.—Uneasy aching, with numbness in the knees (from eighth day till several days after the proving),⁶.—Shootings in the right knee (second day),⁴.—Very disagreeable nauseating pain in the inner side of the left knee, as after a blow on the knee, extending to the muscles of the thigh (after five hours, ninth day),¹.—Bubbling in the left knee returned (after sixteen days),¹.—**Leg**. Aching in the muscles of the legs (second day),³.—Aching across the shins, relieved by motion (fourth and fifth days),².—Bruised pain across the tibiæ keeps returning (eighth day),².—[230.] Aching in the calf of the leg (fifth day),¹⁰.—**Foot**. Heels so painful that he can scarcely tread (twenty-second day),⁹.

General Symptoms.—**Objective**. Incapacity for any exertion (third day),⁷.—Very weak, particularly in the lower extremities (fifth day),⁷.—Very weak and faint (fifth day),⁷.—Occasionally during the day had attacks of faintness, with green shadows before the eye (second day),³.—**Subjective**. Feels extraordinarily well (fifth day),¹⁰.—Weariness (third day),⁷.—She feels languid and nervous (seventh day),¹⁰.—Pain in the body after eating (twelfth day),⁴.—[240.] She declares the symptoms to be similar though different to the beginning of a rheumatic fever, or severe cold (seventh day),¹⁰.—Pains sore and aching, increased on taking a deep inspiration in the same localities as before, but not nearly as severe as on the third day (fifth day),⁷.—Pains, aching soreness, chiefly in the bowels and across the loins, and hanging about the chest and scapulæ (fifth day),⁷.—Creeping in the flesh, and feeling as before severe cold or rheumatic attack (fourth day),¹.

Skin.—Soreness of the skin at the back part of the left thigh in the

afternoon (fourth day),¹.—Painful sensitiveness of the skin at the back part of the left thigh; the rubbing of the trowsers causes an acute sting like a needle (twenty-sixth day),¹.

Sleep and Dreams.—Drowsy all day (eighth day),⁹.—Felt drowsy during the day (first and sixteenth days),⁸.—Sleeplessness; could not rest till midnight (first day),¹⁰.—Nightmare, with sense as if he could not escape, from inability to see (tenth day),⁹.

Fever.—[250.] Cold feet in a warm room (after one hour, sixteenth day),³.—Cold feet, with a dull headache (fourth day),³.—Feet very cold (sixteenth day),³.—Burning heat all over, disappearing after a cup of tea (seventh day),¹⁰.

Conditions.—Aggravation.—(*Morning*), On getting up, headache; on waking, right-sided headache; pain over eye; on waking, cough, etc.; on rising, slight cough, etc.; on waking, at 4 o'clock, violent cough, etc.—(*Afternoon*), Soreness of skin of thigh.—(*Evening*), After tea, regurgitation; on swallowing, sensation in cardiac region; bellyache; *shooting through chest*; on breathing deeply, pain in sternum; aching in breast; palpitation; aching along border of scapula; aching in region of kidneys; shooting from thigh to ankle; pain in hip.—(*Night*), Pain in shoulder.—(*In open air*), Pain in sides of head.—(*Walking in open air*), Pain in infra-gluteal region.—(*Ascending hill*), Palpitation, etc.—(*On coughing*), Throbbing, etc., at root of bronchi.—(*Before dinner*), Pain under nipple.—(*After dinner*), Pricking, etc., in right hypochondrium.—(*Eating*), Bellyache; pain in body.—(*Exertion*), Throbbing at sternum.—(*Inspiration*), Pain above and to left of nipple.—(*On deep inspiration*), Stitch in left hypochondrium; palpitation; sore and aching pains.—(*Mental emotion*), Palpitation.—(*While reading*), Smarting in eye.—(*While riding*), Pain under nipple; pain at heart.—(*Shaking head*), Headache.—(*Sighing*), Sensation at sternum.—(*Stooping*), Pain through temples; darting through side of head; attacks of palpitation.—(*On swallowing*), Uneasiness behind sternum.—(*On walking*), Oppression behind sternum; throbs at sternum; pain from nipple to scapula.—(*After walking smartly*), Throbs below nipple.

Amelioration.—(*Open air*), Headache.—(*Compression*), Pain at heart.—(*Moving about*), Aching of hip-joints; aching across shins.—(*Cup of tea*), Pain in temples; heat all over.

CROCUS.

Crocus sativus, L.

Natural order, Iridaceæ. *Common names*, Saffron, Safran.

Preparation, Trituration of the dried stigmas.

Authorities. 1, Stapf, Beiträge zur rein. Arzm., proving with "a small quantity of the tincture shaken up in water; none of the provers took over 12 grains of saffron, several far less;" 2, Gross, *ibid.*; 3, Thorner, *ibid.*; 4, Wahle, *ibid.*; 5, Boerhaave, in Chem. ex. Mset. Lugd. Batav. Process, 59, from Stapf; 6, Carp. Pezold, Obs., 55, Vratslav., 1715, effects of a drachm of saffron on a girl of 18, from Stapf; 7, Riverius, *Opp. Med.*, p. 136, from Stapf; 8, Tralles, de Opio, Sect. 1, p. 114, effects of the odor, from putting Saffron up in papers in a heated room (from original); 9, Schulz, Prælut. in Disp. Brandenb., 236, from Stapf; 10, Zacut. Lusit. ap. Fricc. de Ven., p. 394, from Stapf; 11, Bergius, *Mat. Med.*, 1, p. 38, from Roth's résumé; 12, Sundelin, effects of freshly blooming *Crocus*, from A. H. Z., 20, 288; 13, same, a girl took 6 grains in one afternoon.

Mind.—Emotional. Childish foolishness; silly dementia,⁶.—Suddenly there arises before her fancy a concert which she attended a long time since, as vividly as if she were listening to it; she even imagines she can hear the different instruments; after a time this vivid recollection of the past disappears, and she is no more able to recall the music,¹.—An unpleasant sensation, as if he were longing for something without knowing what, with a kind of apprehension, wherewith, however, he was very joyous,¹.—Inclination to sing (after half an hour),¹.—*If any one happens to sing a single musical note, she begins involuntarily to sing, and then is obliged to laugh at herself; she, however, soon sings again in spite of her determination to stop*,¹.—Even when out of humor, quiet repetition of a lively melody,¹.—Singing in sleep,¹.—Children begin to laugh immediately on smelling the bottle,⁹.—Almost constant unbecoming laughter,⁵.—[10.] Immoderate laughter, as if he would die,¹.—Sardonic laughter, and attacks of morbid jollity,¹³.—It causes a lively mood in a most unnatural degree,¹³.—Lively and joyous mood, much more than natural,¹.—Very lively mood, witty, jocose, excessively talkative,¹.—Very gay and laughing mood in a dream,¹.—Great joyousness even in those who are naturally melancholic and hypochondriac,¹.—Excessive gayety, bordering upon delirium; paleness, headache, obscuration of vision,¹⁰.—Irresistible inclination to joke and laugh, with great prostration, and great dilatation of the pupils (after four hours and a half),¹.—Melancholic, sad, hypochondriac mood,¹.—[20.] *Deep melancholy*,¹¹.—During an interesting lecture he became suddenly and peculiarly sad, so that he was unable in spite of every exertion to fix his mind upon the subject (after ten hours),¹.—*Uneasy, anxious, sad mood*,¹.—The slightest thing puts her out of humor; she then does not know what she is doing; with anxiety and trembling of the whole body,⁴.—A slight cause which would usually have made her laugh, now causes a most violent ill-humor, almost rage, so that she frequently loses her consciousness; afterwards she is astonished at this outbreak (fourth day),¹.—Indifference to everything,⁴.—Joy and sadness alternating; with paleness,⁴.—A joyous mood frequently alternates with a sad one,¹.—Vacillating, peevish mood; the slightest cause excites his anger, for which, next moment, he is sorry, which however, soon returns, because his calmness frets him and prevents his exposing his feelings; usually he changes a hard word which he has on his tongue to a mild one, but the latter seems too mild, and he now chooses a more severe word, which he again changes to a still milder one, and so on in speech, thought, and action; after several days, in the evening,¹.—**He takes everything in anger and suddenly repents of having injured others*,¹.—[30.] **Great ill-humor; the behavior of relatives and friends excites her to anger, and she is at the point of permitting an outbreak of passion towards them, but at this moment she feels calm; at the next moment this calmness seems a weakness; she is vexed with herself, and her anger becomes greater than ever; this very unusual vacillation of mood lasts several hours* (second day, towards evening),¹.—**Disagreeable mood; vehement, peevish, quarrelsome; an hour later talkative, lively, laughing, singing*,¹.—At times she is very peevish, and morose to others, and, next moment, wishes to embrace,¹.—**Intellectual.** Disinclination to every work,¹.—It suddenly seems, for a moment, as though her thoughts would vanish,¹.—The least thing which affects her makes her very thoughtless,⁴.—**On attempting to write down anything, he is unable to do so without loss of ideas*,¹.—Senses easily vanish, and it becomes black before the eyes,⁴.—Confusion of mind,¹.—He makes mistakes about the time or about objects, although they are quite clear and distinctly visible (after eight hours),¹.—

[40.] Great forgetfulness; she asks about something, and next moment entirely forgets that she has done so.¹—Absence of mind and forgetfulness; he does not recognize a person whom he frequently sees; on coming near she seems like one wholly unknown to him; he looks wonderingly at her, remembers having seen her, but cannot recall her name, and mistakes her for another; only recognizes her after a long time.¹

Head.—*Confusion and Vertigo.* Confusion in the head; momentary vertigo, with dull pain in the eyes.¹—Tensive confusion first in the forehead, soon afterwards in the whole head, as if intoxicated (after ten minutes).¹—Vertigo and much confusion of the head.¹—Dizziness and staggering after rising from lying down, in the night; much whirling in the head, with heat of the whole body.¹—Head feels intoxicated; with confusion of the eyes as if he could not see, and sensation of warmth in the face (after seven minutes).¹—**General Head.** Dulness in the head, with painful confusion in the occiput (after two hours).¹—Stupidity in the head (immediately).¹—Headache.¹²—[50.] Headache on moving; it seems as if the brain were loose and fell back and forth.¹—Violent headache, lasting three days.²⁰—Sticking headache with stopped coryza.³—Sensitive tearings in the head and right eye; as also in a hollow tooth of the left side; with dimness before the left eye and a feeling as if a draft of cold air blew into it.¹—**Forehead.** An empty feeling in the forehead.³—Dulness in the forepart of the head as if drunken and reeling; in a moderately warm room, not in the open air (after one hour).¹—Dull tension in the left frontal eminence.¹—Headache in the forehead (the whole of the second and third days after taking).¹—Headache above the eyes, with burning and pressure on them, which compels rubbing and is much increased towards evening, especially in the right.¹—Painful drawing in the forehead, with nausea.¹—[60.] Pressive-drawing pain in a narrow line down the middle of the forehead (after three-quarters of an hour).¹—Pressure in the forehead.¹—Constant sensitive pain beneath the left frontal eminence, as if a dull point were pressing inward; succeeded by intermitting paroxysms of the same pain (first day).¹—**A transient broad thrust, extending deep into the brain above the left frontal eminence, so that he started up, from time to time (after twelve hours); a painful confusion remains for a moment, relieved by external pressure.*¹—**Temples.** **A broad thrust suddenly in the right temple, extending deep into the brain, so that he started up.*¹—**Vertex.** Headache in the morning after waking; a pressure on the vertex, with heaviness in the whole head, so that he could scarcely hold it up.¹—**Parietals.** A sudden cooling sensation in a small spot on the left parietal bone, as if a drop of water fell upon it from a height.¹—Momentary drawing headache, like a painful vessel, on the right side, rather externally, extending from behind forward; recurring at intervals.¹—Headache on the right side (after three hours), then disappearing.³—Dull headache in the left side of the head.¹—[70.] Dull pain in the left side of the head, extending into the right temple as a contractive drawing pain, and then to the ear and throat, where it is especially sensitive on swallowing.¹—Rhythmical pulsation of the whole left half of the head and face (after two hours and a half).¹—**Occiput.** Drawing pressure in the right half of the occiput.¹

Eye.—Weak, glassy eyes, with great sleepiness.¹—Very dry eyes.¹—**Feeling in the eyes as though he had wept very violently, with a corresponding expression of countenance.*¹—**Feeling in both eyes as though she had wept much; everything seems swollen and tense without its being noticeable*

externally; several days together,¹.—Burning in the eyes,¹.—**After reading a while (even during the day) the eyes pain with a sore burning, and some dimness, so that he was frequently obliged to wink,*¹.—Feeling as though the eyes were smaller than usual (after half an hour),¹.—[80.] **Feeling as of biting smoke in the eyes,*¹.—**Brow.** Crawling in the brows so that he is obliged to rub them (after a quarter of an hour),¹.—**Lids.** *Twitching and jerking in the upper lid,*¹.—*Visible twitching of the lids, with a sensation as if something must be wiped from the right eye (after a quarter of an hour),*¹.—Sudden muscular twitches in the lids, with crawling in the left eyebrow, with sensation as if something were in the eye which he must wipe away; very transient (after three-quarters of an hour),¹.—The lids draw together, with running of water from the eyes,¹.—**Inclined to press the eyes tightly together from time to time,*¹.—Sensation of heaviness in the upper lid as if it were too heavy, as if the eyes were constantly inclined to close, with dim vision (after half an hour),¹.—Burning in the lids; worse on closing them,¹.—Violent burning in the lids,³.—[90.] Burning pinching beneath the left lower lid (after nine hours),¹.—On waking at night, she is unable to open the eyes, because it seems as though a weight were lying upon them; if she forcibly opens them there is tension and pressure, and they can be opened only incompletely after much effort by rubbing and pressing them,¹.—A long-continuing dull pressive stitch in the left lower lid (after four hours and a half),¹.—Sensation of soreness in the lids, in the evening by the light, with frequent inclination to press them together and to wipe out the eyes,¹.—Itching in the lids of the right eye, extending towards the outer side, afterwards in both eyes (after seven minutes),¹.—Violent sticking itching in the left upper lid, which obliges him to rub it (first evening),³.—**Ball.** Simple aching of the eyeball, as if he had been looking through too powerful glasses; without dimness of vision (after one hour and a half),¹.—Pain in the right eyeball; sticking at one point; in the morning,¹.—**Lachrymal Apparatus.** **Feeling as though water were constantly coming into the eyes, only in the room, not in the open air,*¹.—Was unable to read letters without great quantities of water running from the very dim eyes (after eight hours),¹.—[100.] A pressive pain on the eyeballs, with great filling with water; as the pains left the eye they immediately became very dim (after seven hours),¹.—**Pupil.** Dilated pupils (after half an hour),¹.†—*Very much dilated pupils (after a few minutes),*¹.—Pupils somewhat contracted (after a few hours),¹.—**Vision.** Vision dim; he was unable to see clearly; everything seemed enveloped in a fog (after two hours and a half),¹.—It seems dim about the eyes and obscure before the eyes; not so clear and bright as formerly (after six minutes),¹.—Darkness before the eyes; it seemed as though bright stars danced before the eyes (second day),¹.—Frequent blackness before the eyes (first day),³.—Reading in the evening by a bright light was unusually difficult; it seemed as though the eyes were obscured, wherewith they seemed very dry; she was frequently obliged to wink,¹.—**He is frequently obliged to wink and to wipe his eyes as though a film of mucus were over them (after four hours and three-quarters),*¹.—[110.] **The light seems dimmer than usual, as if a veil were between the eyes and the light,*¹.—The usually clear and sharp vision seems befogged; that is, everything seems more indistinct and paler than usual, as if a veil were before the eyes, which she must constantly remove by wiping; after which the

† Dilatation of the pupils seems to be the primary effect of Crocus; contraction appears later, much more seldom, and seems to be the secondary effect.—STAFF.

sight becomes clear for a moment, but the dimness soon returned, at 8 P.M. (after a few hours),¹.—On reading it seems as though there were a veil before the eyes, which were relieved by frequent winking; together with a pressure in the eyeballs, which became a heaviness on closing the lids, but returned after opening them,¹.—She was frequently obliged to wink, because it seemed as though a veil were drawn before the eyes,¹.—Feeling as though a fog were before the eyes (with contracted pupils?),¹.—Sudden small lightnings before the eyes like electric sparks, during the day (after several days),¹.—When reading, the white paper seemed to be pale-red, aurora-colored,¹.

Ear.—Pain in and behind the right ear, like a spasm (immediately),¹.—Cramplike drawing in the concha of the ear and the auditory canals, like earache (after ten hours),¹.—**Hearing.** Roaring and noises in the ears,⁴.—[120.] Roaring in the head, as from a storm of wind,⁴.—After lying down in bed, in the evening, he hears a sound in the left ear like a distant softly sounding ringing, so like a real sound that he can only persuade himself that it is an illusion by completely stopping the ear, when he hears it almost equally loud; it continues until he falls asleep, and only disappears on forcibly fixing his thoughts away from it; several evenings,¹.

Nose.—**Objective.** Sneezing at different times at 7 P.M. (after eight hours), immediately followed by shaking chill, extending from the back to the feet; the face was warm; the chill affected only the posterior half of the body, though the anterior portion of the chest was also moderately affected; without subsequent heat,¹.—*Violent sneezing* (soon),¹.—Stopped coryza a few hours after taking; the right nostril is completely stopped,¹.—Stopped coryza, with cold hands and feet, and heat of the face, especially after eating, lasting three days (relieved by Nux),¹.—***Epistaxis of very tenacious, thick, black blood, with cold sweat on the forehead in large drops,**¹.—Painful, cramplike drawing from the left frontal eminence to the left side of the bony parts of the nose (after half an hour),¹.

Face.—Dry lips, much inclined to crack,¹.—Smarting of the lips,¹.

Mouth.—**Tongue.** [130.] White-coated, very moist tongue; its papillæ were very prominent,¹.—White-coated, though rather dry tongue, in the morning; after breakfast it became clean,¹.—**General Mouth.** Dryness and scraping sensation in the mouth,¹.—Dryness in the mouth and very violent burning on one side of the tip of the tongue, as if a blister would appear; very painful on talking or touching the tongue; only on the upper surface of the tongue,¹.—Unusual warmth in the mouth,¹.—

Saliva. Much water in the mouth, and slight biting on the tip of the tongue, as from salt; with sweetish, salty taste,¹.—**Taste.** Sweetish taste in the back of the throat,¹.—An offensive, sweetish sour taste in the mouth in the morning after rising; somewhat relieved after rinsing the mouth,¹.—Bitter taste in the back of the throat,¹.—Reproaches made her very angry; she desires to justify herself, but the words stop at her lips; she is now vexed at her silence, and again attempts to talk, but speech refuses its service; she continues to waver in this way and is unable to utter a word in her own defence, though making every effort to do so,¹.

Throat.—[140.] Sensation in the throat during inspiration, as of sulphur fumes,¹.—A sensation similar to heartburn rises up into the throat, especially after a meal which is eaten with relish (after nine hours),¹.—After eating, a sensation in the throat as if a stopper were forced into it, more on empty swallowing than on swallowing food; it lasts until the next day; wherewith the uvula seems somewhat elongated, with pressive sensa-

tion when not swallowing.¹—On empty swallowing there is a feeling deep in the throat as if a morsel were sticking there and could not go down; he was frequently obliged to hawk, especially in the morning after rising.¹—Scraping in the throat as after eating very fat food.¹—Scraping in the throat before and after coughing.¹—Sharp scraping sensation in the back of the throat which compels hawking.¹—*Scraping rough throat*,¹—*Uvula*. *Feeling as if the uvula were fallen down when swallowing and when not*,¹.

Stomach.—Appetite and Thirst. Very great canine hunger; she was obliged to eat every moment (first day, in the afternoon and evening).³—[150.]* *Excessive thirst for cold drinks* in the afternoon.¹—**Eruclation.** **Eruclations*,^{1,13}—Tasteless eruclations,¹—Frequent empty eruclations in the morning, fasting.¹—**Nausea.** Qualmishness and discomfort, extending from the pit of the stomach into the abdomen, where they moved about as if griping would appear.¹—Great qualmishness and sensation of weakness in the pit of the stomach, very much relieved in the open air.¹—Qualmish, nauseated,¹—Nauseated sensation in chest and throat, as if she would immediately vomit.¹—**Stomach.** *Distension in the stomach and abdomen*,¹—Rumbling and fermentation in the pit of the stomach (after a quarter of an hour),¹—[160.] Sinking pain in the pit of the stomach.¹—***Sensation as of something living and jumping about in the pit of the stomach, abdomen, arms, and other parts of the body**,¹—Burning in the stomach,¹—She seems very full after very little food, as if she had eaten too much; with loss of appetite.¹—Contractive pain in the pit of the stomach, and beneath the sternum,¹—Drawing in the pit of the stomach, back and forth and up and down (after half an hour),¹—Some violent stitches in the pit of the stomach (after one hour),¹—Sensitiveness of the stomach as after taking cold,¹.

Abdomen.—Hypochondria. Painless pinching pressure in the right hypochondrium, on every inspiration, as from a broad hard body,¹—**Umbilical.** Some griping above the navel, in the morning,¹³—**General Abdomen.** [170.] Movings about in the whole abdomen, with a griping sensation, and from time to time slight urging to stool,¹—Rumbling in the abdomen, while yawning,¹³—Repeated rumbling in the abdomen, in the morning, while lying in bed,¹—Slight rumbling, with discomfort in the upper abdomen,¹—***Sensation internally, in both sides of the abdomen, as if something living were jumping about, with nausea and shivering** (after nine hours),¹—Sensation of emptiness in the abdomen, with complete loss of appetite,¹—Fulness and pressure in the abdomen, and at the same time in the chest, as if she had eaten too much and too rapidly; though not after eating,¹—Sensation of distension of the abdomen, in the forenoon, with an empty stomach (after half an hour),¹—Griping in a small spot on the left side of the abdomen, on a line with the navel,¹—The child constantly complains of aching in the abdomen; he bends himself together (second day),³—[180.] Drawing first in the upper abdomen, then in the region of the uterus,⁴—Drawing colic, as if menstruation would appear (first day),¹—Transient pain, now in the left, now in the right side of the abdomen, as from pressure on a sore spot,¹—Colic as from taking cold,¹—Griping jerking in the abdomen, after an ordinary drink of water,¹—Repeated shocks in the left side of the abdomen, at night, while fully awake, like the movements of a child at the end of pregnancy, and such as she had felt several months previously (after several days),¹—A painless shock in the upper abdomen, as from something living which jumped upward,¹—Transient tickling sensation shoots

upward through the abdomen,¹.—Stitches, at times, in one side of the abdomen, arresting breathing,¹.—**Hypogastrium and Iliac Region.** *Sensation as though something were living and moving about deep in the lower abdomen, towards evening,¹.—[190.] Repeated bubbling in the lower abdomen (after two hours),¹.—Sensation of heaviness in the inguinal region,¹.—Pressure in the groin, as to menstruation,¹.

Rectum and Anus.—Sensitive dull stitches on the right side above the anus,¹.—*A sensitive, dull, long stitch, near the left side of the anus, from time to time,¹.—Crawling in the anus, as from threadworms,¹.—*Intolerable cringing in the anus,¹.—Itching in the anus, that obliges scratching (first evening),¹.

Stool.—Stool earlier than usual, though difficult,¹.—Passage of some blood with the stool,¹.

Urinary Organs.—[200.] At night he was awakened by desire to urinate, and a bruised pain with sensation of numbness in the left humerus, upon which he was lying; he found only the lower portion of the body from the middle downward covered with sweat; on rising he was dizzy, staggered, and he had a sensation as though a cold wind were blowing upon the sweaty parts, together with a feeling in the feet as though a cold sweat were trickling down,¹.

Sexual Organs.—Male. Intermitting sharp sticking from the genital region up into the right hypochondrium, as if a knife were forced in this direction with sudden thrusts, piercing farther each time, and becoming more severe (after six hours),¹.—*Excitement of sexual desire*,¹.—

Female. Fatal hæmorrhage of the uterus, especially after parturition,⁷.—**Metrorrhagia on the slightest movement*,¹.—**Sensation as if menstruation would appear, with colic and pressing towards the genitals* (after a few hours),¹.

Respiratory Organs.—Larynx, Trachea, and Bronchi. Stitches in the air-passages, more towards the posterior portion (after four hours),¹.—**Voice.** Hoarse voice, with some cough (second morning),³.—Much hawking, on account of collection of large quantities of mucus, which makes the voice rough and scrapy,¹.—**Cough and Expectoration.** Much cough,¹.—[210.] Paroxysm of dry cough, as from constant and excessive irritation in the trachea,¹.—**Very violent attack of exhausting dry cough*, relieved by laying the hand on the pit of the stomach,¹.—Expectoration of large masses of easily detached mucus, with slight cough,¹.—

Respiration. **The breath, which is usually sweet, has a very offensive sickly odor*,¹.—Slight rattling on inspiration, followed by mucus in the throat and hoarseness; the mucus immediately disappears on hawking,¹.—Dyspnœa,¹.—Frequent choking, caused by tickling in the upper part of the trachea, during inspiration,¹.

Chest.—*Heaviness of the chest frequently obliges him to take a deep breath*,¹.—Aching in the whole of the chest,¹.—A sudden transient ache in the lower portion of the chest and pit of the stomach, with slight nausea (after three-quarters of an hour),¹.—[220.] Oppression of the chest (after eight hours),¹.—A kind of oppression that renders complete yawning difficult; it can only be accomplished after several attempts (after ten minutes),¹.—**Sides.** Sticking in both sides of the chest, rather externally, which afterwards extends farther forward and becomes a burning, without influencing respiration or motion (after one hour),¹.—Short sticking in the right side of the chest,¹.—**Dull stitches in the left chest*,¹.—*A kind of jumping, as from something alive in the lower portion of the right half of the

chest, as if beneath the ribs,¹.—Some dull shocks beneath the right short ribs, near the pit of the stomach, and on inspiration an aching there, as if a pain were caused by breathing (after two hours),¹.—Jerking-like shocks in the left side of the chest, feeling as though they would take away the breath,¹.—A peculiar jerking pain in the left side of the chest, internally, as if it were being drawn at intervals towards the back by a thread,¹.

Heart and Pulse.—Præcordium. Warmth about the heart, with anxiety and some oppression of breath, so that she cannot breathe deeply, with inclination to take a deep breath; she feels relieved every time after frequent yawning,¹.—[230.] Sensation of great emptiness in the præcordial region,⁴.—Drawing in the præcordial region, extending to the stomach, like colic,¹.—Stitches beneath the heart, aggravated on inspiration (after two hours and a half),¹.—**Heart's Action.** Palpitation; anxiety at the heart, with a sensation of weakness extending thence through the whole abdomen, and continuing down to the soles of the feet (second day),¹.—Very frequent palpitation,⁴.

Neck and Back.—Neck. External swelling of the neck (inflation colli),⁶.—Painful stiff sensation in the neck, on moving,¹.—Sudden drawing in the left side of the neck, internally and externally, at the same time extending into the ear (after a quarter of an hour),¹.—**Back, Lumbar.** Pains in the small of the back, in the morning and at night, in bed, on motion,³.—Tearing pain in the small of the back, worse on breathing (after one hour),¹.—**Sacral.** [240.] A slow dull stitch, extending from time to time from the anus through the sacral region and into the left inguinal region, where it remains as an aching, aggravated by inspiration, gradually disappearing,¹.

Extremities in General.—Cracking of the joints, not without a painful sensation on moving them,¹.—Loss of power in different limbs; even slight motion caused a bruised sensation, especially in the hip-joint,¹.—Falling asleep of an arm, hand, and foot,¹.

Superior Extremities.—Falling asleep of both arms,¹.—Falling asleep of the arms and hands, at night, in sleep; she was awakened by the crawling pain (after eight hours),¹.—Falling asleep of both arms and hands, with a kind of immobility (after a quarter of an hour); recurring several times during the day and lasting half an hour,¹.—The arms, especially the forearms, feel very heavy, and if as bruised,¹.—Dull pain, with sensation of paralysis, in the left arm,¹.—Bruised pain, immediately, on slight motion of the arms,¹.—**Shoulder.** [250.] Muscular twitchings on the top of the shoulder, in the morning, while lying in bed; both visible and felt,¹.—Cracking in the shoulder-joint on moving it suddenly, with sensitive pain as if the arm would be dislocated,¹.—Feeling in the left shoulder-joint, as though the arm would be easily dislocated, as if it were lying loose in the joint (after a few days),¹.—*At times, on moving the upper arm, a pain within the shoulder-joint, as if the head of the humerus were lying loosely within the capsule of the joint and would be dislocated,*¹.—A tensive aching in the shoulder-joint, with cracking in it, on moving the upper arm outward,¹.—Bruised sensation in both shoulders,³.—Some sensitive shocks in a small spot on the back of the shoulder,¹.—**Elbow.** Sudden, violent tearing pain in the right elbow-joint, soon disappearing,³.—**Forearm.** A pain in the right forearm extending obliquely to the thumb,¹.—A slight pain in a small spot on the left forearm, not far from the elbow, whereby the elbow is spasmodically and involuntarily thrown upward, causing him to start (after nine minutes),¹.—**Hand.** [260.] Dull pain in the right

hand,¹.—A kind of intermitting drawing, so that every intermission causes a transient burrowing in a small spot; worse when resting the forearm upon anything, whereby a benumbing warmth spreads over the hand,¹.—Tensive drawing in the left metacarpal joints,¹.—**Fingers.** An old indurated bruise of the finger began immediately to suppurate, became painful and sore (after one hour),¹.—Violent sticking in the left index finger (immediately),¹.—After coming into a moderately warm room from having walked in a somewhat raw air, a sudden uneasy burning-crawling motion in the tips of the fingers, as if they were asleep, with a tensive sensation as if they were tightly bound up and the blood could not circulate freely; he bends the fingers up into a fist, when only the burning-crawling sensation remains, which soon disappears (after twenty-three hours),¹.

Inferior Extremities. Sensation of paralysis in the legs, after walking, especially in the knees and metacarpal joints, so that farther walking became very difficult, and even standing was irksome,¹.—**Hip.** Violent cracking, like a report, in the right hip-joint, on stretching out the thigh and moving it outward,¹.—**Thigh.** A sensation of weakness of the thigh extending down to the knee, especially while sitting (after half an hour),¹.—Aching in the lower surface of the thigh, after sitting a long time,¹.—[270.] Sudden shuddering sensation in the nates while sitting, as from a violent fall upon them,¹.—**Knee.** On stooping down, immediately an audible noise in the knee-joint, with a sensation not entirely painless,¹.—The knees knock under even while standing,¹.—Weariness in the knees, even to sinking down,¹.—A painful tension in the knees on sitting down; on standing it becomes a painful sensation as if the joints were dry from want of synovial fluid, and as if they would crack and creak on moving them,¹.—Intermitting, very painful drawing in the bent knee,¹.—Tearing in the knees, extending down to the malleoli, where it then continues aching and drawing back and forth, so that she is frequently obliged to change the position of the feet at night,¹.—**Leg.** Great weariness of the lower legs in the bones, in which there is a painful tingling sensation, extending from above downward, in the evening; it is felt less during motion; but more immediately after motion; it is, however, somewhat relieved by rest,¹.—The legs feel bruised,¹.—Bruised sensation in the calves, as if he would stumble over his own legs,¹.—[280.] Smarting in the calves, soon followed by tearing in them,¹.—**Ankle.** At one time sudden, at another slow, transient, intermitting, dull or very acute pain in a small spot above the malleolus, as if in the periosteum (after eight hours),¹.—**Foot.** Weakness in the feet and calves, as if she had walked too far (worse while walking than while sitting), (after half an hour),¹.—Standing and walking were very difficult, and even on sitting he had a sensation of weakness in the feet,¹.—Constant weakness and weariness in the feet,¹.—Painful weakness in the forepart of the feet, even while sitting, with a sensation of heaviness as after a long walk,¹.—Burning and crawling in the feet, especially in the soles, as after a walk in tight shoes,¹.—Aching in the soles of the feet, as if he had walked several miles; he is obliged to move them here and there,¹.—The soles of the feet ache very much from standing,¹.—Smarting of the sole of the left foot while sitting,¹.—**Toes.** [290.] Some small stitches in the ball of the left great toe,¹.

General Symptoms.—Objective. Distended veins, with a sensation of heat, without much increase of temperature,¹.—Anxious trembling through the whole body,¹.—Every evening, spasms, with delirium, alternating with tender humor, wildness, and outbreaks of rage, with inclination

to bite,¹.—Lassitude, indolence, sleepiness,¹.—Weakness in the whole body, hands, and feet,¹.—Weakness, even to sinking down, with sensation as if sweat would break out over the whole body, and rapid pulse,¹.—In the morning, excessive weakness, yawning, weariness; she felt better on going into the open air; worse in the room,¹.—Extreme exhaustion, with sensation as though general sweat would break out; he was scarcely able to stand, constantly desired to sit and lie, and even then continued to feel the lassitude (after four hours),¹.—*Excessive prostration, with weakness and weariness in the evening, after a very simple and moderate meal, as if he had made the most difficult physical exertion, with great sleepiness and sleepy pressure upon the eyelids, with a feeling as if they were swollen; literary occupation removed this weakness*,¹.—[300.] Frequent attacks of faintness,¹.—She lay as though in apoplexy (from smelling of it),³.—**Subjective.** Sensation of weakness and great indolence in the whole body, even with a sensation of approaching faintness,¹.—Uneasiness in the blood, with palpitation of the heart,³.

Skin.—Objective. Scarlet redness of the whole body,¹.—Circumscribed red spots in the face, which burn,¹.—**Subjective.** Crawlings here and there over the whole body, frequently and in rapid succession, relieved by scratching,¹.—Formication in the right index finger,¹.—Itching on several parts of the body,¹.—Itching on the right side of the scrotum (first and second evenings),³.—[310.] Intermitting painful itching on the left frontal eminence,¹.

Sleep and Dreams.—Sleepiness. Yawning and chilliness, with burning of the lids and thirst for cold drinks, without drinking much after supper,¹.—Frequent yawning,¹³.—Frequent yawnings in rapid succession (after ten minutes),¹.—Excessive yawning, and inclination to sleep,¹².—*Sleepiness*,¹.—Sleepiness; immediately after dinner great inclination to sleep, with creeping chills,¹.—Excessive sleepiness, with yawning; she constantly desired to sleep; very much yawning during the day,¹.—He sings during sleep,¹.—**Sleeplessness.** Uneasy sleep, with frequent waking; he tosses about, but falls asleep again, with vivid dreams,¹.—[320.] Frequent waking at night,¹³.—He awoke unusually early, and thought it was very late,¹.—He awoke in the morning earlier than usual, and then remained more wide awake than usual,¹.—**Dreams.** *Many confused and even frightful dreams of various things at night, as for example, what had been spoken or done through the day, of fires and the like*,¹.—In her sleep she seems to hurry for a distant place, but is unable to reach it however much she exerts herself,¹.

Fever.—Chilliness. Chilliness (after half an hour),¹.—Chilliness the whole afternoon, with some thirst,¹.—Chilliness at 9 p.m. (after four hours); although the room was warm, he seemed to be in an unheated room; this sensation increased to a shaking chill over the whole body, with paleness of the face and ice-cold hands,¹.—Creeping chills along the back, across the shoulders and then down the arms, with gooseskin and frequent yawning (after five minutes),¹.—Sensation of coldness in the back (after two hours and a half),¹.—[330.] Sudden decidedly cold sensation in the left side of back, as if he had been dashed with cold water; lasting a long time,¹.—Cooling of the hands; a sensation of a wind extending up the arm,¹².—**Heat.** Sensation of warmth creeps rapidly over the body (after a quarter of an hour),¹.—She is attacked with great heat, so that it seems to crawl in the skin,¹.—*She was attacked with very violent heat over the whole body, chiefly in the head, with redness of the face and great thirst,

without much dryness of the mouth ; lasting a few hours, towards evening (second day),¹.—General sensation of heat, with prickling in the skin, as though sweat would break out, with, however, a normal, almost cold temperature,¹.—Orgasm of blood, as if everything was moving in the body, without much noticeable heat,¹.—Heat of the face without marked redness,¹.—*Heat in the face ; it seems very hot in the face and in front of the head,¹.—Glowing heat in the face in the morning after waking,¹.

Conditions.—**Aggravation.**—(*Morning*), After waking, headache ; pain in eyeball ; *feels worse* ; coated tongue ; after rising, taste in mouth ; after rising, on empty swallowing, feeling in throat ; fasting, eructations ; gripping above navel ; while lying in bed, rumbling in abdomen ; in bed, on motion, pains in small of back ; while lying in bed, twitchings on top of shoulder ; weakness, etc. ; after waking, heat in face.—(*Forenoon*), Sensation in abdomen.—(*Afternoon*), Towards evening, headache before eyes ; thirst for cold drinks ; towards evening, sensation in lower abdomen ; chilliness, etc. ; heat, etc.—(*Evening*), Vacillating mood ; ill-humor ; by the light, sensation in eyelids, etc. ; after lying down in bed, sound in ear ; felt less during motion, but more immediately after it, and somewhat relieved by rest, weariness in lower legs ; spasms, etc. ; *prostration, etc.*—(*Night*), Whirling in head, etc. ; on waking, weight on eyelids ; shocks in abdomen ; desire to urinate, etc. ; pains in small of back ; falling asleep of arms, etc. ; tearing in knees, etc.—(*Closing eyes*), Burning in lids.—(*After dinner*), Immediately, inclination to sleep, etc.—(*After eating*), Heat of face ; more on empty swallowing, sensation in throat.—(*During inspiration*), Sensation in throat ; pressure in right hypochondrium ; choking ; aching beneath ribs ; stitches beneath heart ; pain in small of back ; stitches through sacral region.—(*After a meal eaten with relish*), Sensation rising into throat.—(*On moving*), Headache.—(*On reading*), Veil before eyes.—(*After rising from lying down*), Dizziness, etc.—(*In room*), Feeling of water in eyes.—(*Sitting*), Weakness in feet, etc. ; smarting in soles.—(*After supper*), Yawning, etc.—(*On swallowing*), Pain in side of head.—(*In warm room*), Dulness in forepart of head ; motion in tips of fingers.

Amelioration.—(*Open air*), *Symptoms almost entirely disappear* ; qualmishness, etc. ; weakness, etc.—(*Laying hand on pit of stomach*), Dry cough.—(*Literary occupation*), *Prostration, etc.*—(*Pressure*), Confusion in head.

CROTALUS HORRIDUS.

C. horridus, Linn. Order, Crotalidæ of the Ophidian family of serpents. *Common names*, Rattlesnake, Boiquira.

Preparation, Trituration of the virus with sugar of milk.

Authorities. 1, effects of bite, taken from Hering, *Wirkungen des Schlangengiftes*, 1837 ; 2, C. Hering, effects of 1st and 2d triturations, from *ibid.* ; 3, Kummer, from *ibid.* ; 4, Lingen, *ibid.* ; 5, Schmoler, *ibid.* ; 6, Wallace, *ibid.* ; 7, Gross, *ibid.* ; 8, Dr. Wilson, *Am. Hom. Obs.*, 1872, p. 73, effects of bite ; 9, Dr. Horner, *Am. J. of Med. Sci.*, 8, p. 397, effects of bite ; 10, Dr. Phillips, *Am. J. M. S.*, vol. 8, effects of bite ; 11, Chicago *Med. J.*, 1866 (*N. Y. Med. J.*), effects of bite ; 12, Dr. Stokes, proving on an unmarried lady aged thirty-five, with the 3d dil., three doses first day, repeated on the third day, also a dose of the 4th on the tenth day ; 13, Dr. Rivers, *Southern Med. Record* (from *Lond. Med. Rec.*, Dec. 1874), effects of bite ; 14, Dr. Piffard, *N. Y. Med. Rec.*, Jan. 1875, chronic, re-

current effects of bite; 15, Sir G. Lefevre, "On the Nerves," p. 329 (Month. Hom. Rev., 14, 194), Mr. Wallace, of Va., took all the poison from both fangs of a rattlesnake, made it into pills, "bags, venom, and all," and swallowed them, sometimes at the rate of four a day.

Mind.—Emotional. Excessive excitability; for example, while reading Humboldt's lecture to naturalists in Berlin, he was moved to tears,⁴.—Sublime ecstacy,⁶.—Delirium,^{1 18}.—**Delirium at night*,¹.—Delirium at night, from time to time (seventeenth day), also the whole night,¹.—Delirium, with convulsions,¹.—For several days, a certain dread of selecting remedies, which usually is an agreeable occupation,⁵.—Depression,¹.—Depression, and indifference to everything,¹.—[10.] Melancholy; misanthropic and indifferent, with sudden weakness, headache, heartache, and excessive diarrhœa,¹.—Anxiety, with restless heat,¹.—Apprehensiveness,¹.—Indifference, with sudden weakness,¹.—Most heavenly sensation; melancholy was quickly changed into gay anticipations,¹⁵.†—Remarkable indifference; seems only half alive; lasting fourteen years (chronic result of the bite),¹.—**Intellectual.** Remarkable heaviness and dullness, the first day, on account of which he is unable to express himself properly, and hence is unable to make a note of several symptoms,⁵.—Makes mistakes in writing, cannot spell correctly,⁴.—Confused speech,¹.—His answers are disconnected, with cold skin,¹.—[20.] *Disconnected answers, with coldness of the skin and rapid pulse*,¹.—*Remarkable weakness of memory*,⁴.—Loss of senses,¹.

Head.—Confusion and Vertigo. Dull confusion of the whole head,⁴.—Vertigo,¹³.—Vertigo, with nausea,³.—Vertigo, with sopor,¹.—Vertigo; headache in the forehead above the eyes, in the temples, worse in the right; with nausea, vomiting of bile; is obliged to lie down; together with constipation; better from walking in the open air,².—Dizziness before the eyes, even to falling down, with dilated pupils, earthy paleness of the face, and blue rings around the eyes (first day),⁵.—**General Head.** Rush of blood to the head, with convulsions, followed by death,¹.—[30.] Feeling of lightness in the head, with pressure in the temples, especially in the left, which makes him bite the teeth together,⁵.—Dull sensation in the head,⁵.—Pains through the whole head (immediately),¹.—Headache, gradually increasing and decreasing,⁵.—*Headache, extending into the eyes*,⁵.—Headache, extending into the left teeth,⁵.—Headache, shortly before going to sleep; especially very severe on undressing, but disappearing in the morning after a good night's sleep,⁵.—Headache, with melancholy,¹.—**Forehead.** Pains in the forehead,².—Pains in the whole forehead, which became steadily worse, and at last intolerable; afterwards they were somewhat relieved, although they continued till towards evening (after half an hour),⁵.—[40.] Tension in the muscles of the forehead and nape of the neck,⁵.—Pressive frontal headache, followed by sensation of nausea (after three hours),³.—**Temples.** Muscular twitches in the temples,⁴.—Pains in the temples,².—Several times, a drawing-pinching pain in the right temple,⁵.—Pressure in the temples, especially in the left, which makes him bite his teeth together, with a feeling of lightness of the head,⁵.—Stitches in the left temple and whole left side of the head, lasting five minutes (after three-quarters of an hour),⁵.—Momentary stitches and pains in the left temple,⁵.—Dull stitches in both temples,⁵.—Severe painless pulsation in the temples,⁴.—**Vertex.** [50.] Headache in the vertex; pressive, comes on in the afternoon and

† Followed by S. 349.

lasts till night, for three days (after eighteenth day). On the fourth day it changed to forenoon, with heat and flushing of the face,¹².—**Sides.** Aching difficult to describe in the right side of the head, as though he would be seized with a violent headache, without its amounting thereto (after two hours).⁵.—Shaking and wavering in the left upper part of the head, especially on ascending steps or walking rapidly,⁵.—Alternations of various kinds of pains in the left side of the head, as for example, drawings, pressure, pinchings, tension, and bruised pain, which extends into the teeth and orbits,⁵.—**Occiput.** Dull headache in the occiput,⁴.—Pain as from a blow in the occiput, especially occurring on lying down again after rising, which he had experienced several years previously, now reappears,⁷.—**External Head.** Violent itching of the scalp,⁴.—Violent itching of the scalp, with a large quantity of dandruff,⁴.

Eye.—Objective. Eyes muddy and heavy, next morning,⁹.—Red watery eyes (after one hour),¹.—[60.] *Yellow color of the eyes; frequently of the whole body,¹.—Blue rings about the eyes, with pale face,⁵.—Blood exudes from the eye,¹.—Blood flows from the eyes, ears, and nose, at times,¹.—Dryness of the eye,⁵.—The eyes feel dry,⁵.—Sudden violent drawing pain from the vertex into the right eye, in the evening,⁵.—**Brow and Orbit.** Pains above the eyes,².—*Pressure and oppression above the eyes,⁵.—Pressure above the right eye, nausea and vertigo, repeated for several days, at different times,³.—[70.] Pressure above the left eye, with vertigo and sensation of nausea on moving; the pain is especially felt over the eyes, particularly the right, not continuous, paroxysmal, jerk-like,³.—Pressure deep in the orbits, behind the ears, and in the nasal bones, so that, as with the pressure in the temples, he is obliged to bite the teeth together,⁶.—Fine prickling and stinging above the left eye, as with fine needles,⁵.—**Lids.** Dark redness of the left upper lid, with dryness and burning within the eyes and redness of the canthi,⁵.—Eyes almost closed (after twenty-six hours),¹⁰.—Itching in the canthi,⁴.—**Lachrymal Apparatus.** Frequent lachrymation and momentary disappearance of vision, especially in damp weather,⁷.—**Ball.** Pain in the eyeball on moving the eye, like a pressure, and as if the eye were too dry internally,⁵.—**Vision.** Dimness of vision,¹³.—Momentary disappearance of vision, with profuse lachrymation, especially in damp weather,⁷.—[80.] Vanishing of vision, while reading,⁵.

Ear.—Objective. Bleeding from the ears,¹.—**External.** Bruised feeling in the lobules of the ears,⁶.—**Internal.** Heat in the ears,⁵.—Heat in the right ear, with bruised sensation in the lobules of the ears,⁵.—Stopped sensation in the right ear, and drawing within both ears, painful in the right, with heat and sensation as though earwax would run down into the mouth,⁵.—Drawing in both ears, with stoppage of them,⁶.—Drawing in the right ear, with painfulness of the whole left side of the head, and paralyzed feeling of the left jaw,⁵.—Painful drawing in the right ear, with sensation of heat in it,⁵.—Hot, tickling sensation, as though earwax were in both ears,⁵.

Nose.—[90.] Violent sneezing, once at a time; with a stitch in the right side of the chest, near the shoulder-joint, followed by pains in the bones of the chest,⁵.—*Bleeding from the nose and all the orifices of the body,¹.

Face.—Objective. Paleness of the face, as in faintness,⁴.—Discolored face,¹.—Earthy face, with vertigo,⁵.—*Yellow color of the face,¹.—Sickly yellow color of the face (chronic result),¹.—Face leaden-colored, immedi-

ately,¹.—Leaden color of the face, lasting during life,¹.—Swelling of the face, of the whole head, and body,¹.—[100.] Face somewhat bloated, next morning,⁹.—**Subjective**. Pressive-drawing pains in the bones of the face, first in the right maxilla and zygoma, then in the left; then in both at the same time,⁵.—**Lips**. Trembling lips, with weakness and faintness,¹.—Lips and throat dry, without thirst,¹².—**Jaw**. Cramp in the jaws,¹.—Spasmodic contraction of the jaws, with swelling of the hand and arm, and other dangerous symptoms,¹.—Bruised pain in the whole right lower jaw and in the teeth,⁵.

Mouth.—Teeth. The teeth are loose in their sockets,¹.—Inclination to press the tongue against the lower incisors, with crumbling of them on the inside,⁴.—Pain in the teeth, coming from the larynx,⁵.—[110.] Sudden, very transient pain shooting into the right lower back teeth; it shoots up and down in them several times, and then disappears (first day),⁵.—Violent shooting downward, almost like a blow, in an upper back tooth; immediately disappearing (second day),⁵.—Teeth and jaws seem bruised,⁵.—**Gums**. *Gums white* (fourth and subsequent days),¹².—**Bleeding of the gums*,¹.—**Tongue**. *Tongue red and sore* (fourth and subsequent days),¹².—Brown tongue,¹.—Tongue brown and swollen, so that it closes the throat,¹.—***Swelling of the tongue**,¹.—**Swelling of the tongue till there is no more room in the mouth, with inflammation of it*,¹.—[120.] **Tongue swollen to nearly twice the normal size*,¹¹.—**Tongue tumid* (after twenty-six hours),¹⁰.—**General Mouth**. Tickling of the palate and fauces,⁴.—**Saliva**. Accumulation of saliva, obliging him to swallow,⁵.—**Taste**. Sourish taste in the mouth, after the usual breakfast,⁵.—**Speech**. Articulation indistinct (after twenty-six hours),¹⁰.—Loss of speech and of the senses,¹.—Speechless, without moving, trembling pulse,¹.—Unable to speak; it seems as though the tongue and whole throat were tightly constricted,¹.

Throat.—Dryness of the throat, with great thirst (after one hour),¹.—[130.] **Throat dry, with thirst* (fourth and subsequent days),¹².—Sensation in the throat as though earwax were running down, with heat in the ear,⁵.—Sudden attack of sore throat, and bronchial catarrh, in the evening, which went away the next morning, and returned at night,¹².—Painful rawness in the throat,⁵.—Tickling in the pit of the throat, as if in the trachea, provoking cough without expectoration; after some days simple tickling without cough,⁴.—**Pharynx**. Tickling in the pharynx,⁴.—**Swallowing**. Frequent swallowing of saliva, with sensation as though the neck were compressed, without dyspnoea,⁵.—Deglutition impeded to some extent (after twenty-six hours),¹⁰.—**External Throat**. Larynx is painful to touch (second day),⁵.

Stomach.—Appetite. Appetite bad (first and second days),¹².—**Thirst**. [140.] Thirst during the fever,¹.—Great thirst was an attendant symptom from the first, so much so that previous to my arrival she had allayed it with an immoderate quantity of water,¹⁰.—**Unquenchable burning thirst*,¹.—**Eruetation**. Eructations tasting of the fool,⁵.—Eructations of a sour, acrid fluid, after eating white bread (fourth day),⁵.—Rancid eructations the whole afternoon (fourth day),⁵.—Scraping rancid sensation, extending down the œsophagus to the stomach, with pressure in the pit of the stomach,⁵.—**Heartburn**. Heartburn after the usual light supper,⁵.—Heartburn at 4 P.M., lasting the whole evening,⁵.—Heartburn the whole day, especially in the afternoon, with a feeling as if the whole œsophagus up to the mouth were full of rancid food, with eructations tasting of the food,⁵.—**Nausea and Vomiting**. [150.] Nausea,¹⁴.—Nausea, relieved

by vomiting,¹.—Nausea, soon after taking it, coming on by paroxysms, lasting till noon, especially while walking or standing, relieved by sitting,³.—Nausea and vertigo with the headache,³.—Nausea with headache,².—Nausea, with sensation as though he must vomit, which, however, he is unable to do in spite of efforts (first day),⁵.—Nausea amounting to vomiting (immediately after a bite),¹.—Nausea and vomiting,¹³.—Nausea and vomiting very decided, and always coming on very soon after the bite,¹.—Nausea, with a sensation as though something rancid rose in the œsophagus, and remained in the upper part of the chest,⁵.—[160.] Nausea with coldness of the body,¹.—Nausea with cold skin,¹.—Extreme nausea and vomiting on the least exertion (after twenty-six hours),¹⁰.—Vomiting preceded the faintness,¹.—Vomiting follows violent pains in the forehead,¹.—Vomiting with vertigo,³.—Vomiting with headache,^{1 2}.—Vomiting, with thirst,¹.—Sudden vomiting,¹.—Constant vomiting,¹¹.—[170.] Vomiting severely,⁵.—*Vomiting of food*,¹.—**Violent vomiting of food for several days after a meal*,¹.—**Green vomiting*,¹.—Vomiting of a green fluid, with great pain in the chest,¹.—Vomiting of very bitter bile,².—Vomiting of blood,¹.—Stomach could retain only jellies, brandy, and coffee (fifth day),¹.—**Stomach so irritable that it is unable to retain anything*,¹.—**Stomach.** **Intolerance of the clothing about the epigastric region and beneath the hypochondria, not noticed previously or subsequently with the same clothing*,⁵.—[180.] **Painfulness in the pit of the stomach*,¹.—Pains in the stomach,¹.—Pains in the stomach after breakfast and dinner (fifteenth day),¹².—Burning pain in the epigastrium for half an hour, when it ceased after a stool (tenth day),¹².—Fulness and pressure in the stomach were relieved by the medicine (first day),¹².—Pressure in the stomach, with discomfort in the epigastric and præcordial regions, as though he had eaten too much, similar to the sensation experienced before fainting (after a few minutes),⁵.—Weight on stomach and chest (third and subsequent days),¹².—Breakfast lies heavy all day (third day),¹².—Sticking in the pit of the stomach,⁴.—Stomach sore and tender on rising in the morning (fourth and subsequent days); worse after food (eleventh day),¹².—[190.] Soreness returned in the epigastrium, extending upwards under the sternum (fifteenth day),¹².—Throbbing at the pit of the stomach, with rancid sensation in the stomach,⁵.

Abdomen.—**Hypochondria.** Pain in the left side of the abdomen, like cuttings through the spleen after violent running, aggravated by deep inspiration (first day); the same pain remains on the second day after a larger dose, but is not so severe,⁵.—**Umbilical.** Pains internally in the umbilical region, like a violent burning (first day),⁵.—Pressive aching in the middle of the abdomen, beneath the umbilicus, as though it were too full,⁵.—**General Abdomen.** *Swelling of the whole abdomen*,¹.—Inflammation of the viscera of the abdomen,¹.—Flatulency and eructations (third and subsequent days),¹².—Violent pain in the course of the colon at 11½ A.M.; (next day),⁹.—Burning pains in the abdomen, lasting several days, with great sensitiveness, especially to touch,¹.—[200.] Violent burning pain in the abdomen,¹.—Tension in the abdomen, painful to touch, with burning pain,¹.—**Hypogastrium and Ilac Region.** In the night she was awakened by violent burning pain in the hypogaster, going through to the sacrum (tenth day),¹².—The inguinal glands on that side were much enlarged (after twenty-six hours),¹⁰.

Rectum and Anus.—**Bleeding from the anus and other openings of the body*,¹.

Stool.—**Diarrhœa.** Diarrhœa, with nausea, anxiety, and thirst,¹.—

Attack of diarrhœa; after which the bowels were costive and the evacuations hard during a week,¹².—Frequent diarrhœa-like stool with colic, extending downward from the umbilicus,⁵.—Diarrhœa-like evacuation in the afternoon,³.—Involuntary evacuation of the bowels, of a dark bilious color, next morning,⁹.—[210.] Pasty stool,⁴.—**Has had several bloody passages from the bowels*,¹¹.—**Constipation**. Bowels were rather constipated,¹⁰.

Urinary Organs.—Urethra. **Hæmorrhage from the urethra*,¹.—**Micturition**. Urine somewhat increased in quantity, and very high-colored, reddish-yellow (second to fifth day),⁵.—Urine scanty and red (eleventh day),¹².—**Urine.** **Urine looks like that in jaundice*,¹.—No blood in the urine; (blood in the urine is common in these cases),¹¹.

Sexual Organs.—Male. Sharp cuttings in the glans penis twice (without any other symptoms in this part),⁴.—Unusual sexual excitement during the day, with complete relaxation of the genitals; apparent impotence,⁴.—**Female.** [220.] Catamenia a week too soon (twenty-five days after last dose); free, preceded by weight in the head and ears, accompanied by pains in the abdomen and back and cold feet. The period lasts some hours longer than is usual, and goes off after two days with intense frontal headache, which lasts from 10 to 1 o'clock in the night,¹².

Respiratory Organs.—Larynx. Bruised pain, extending from the larynx to chin, and at times into the lower teeth; it appears by paroxysms; its seat is in the larynx, where it originates every time, and is sharper than in the chin, up to which it shoots (second day),⁵.—**Voice.** *Hoarseness, with weak, rough voice*,⁵.—**Cough and Expectoration.** Cough; a stitch in the left side, with bloody expectoration from the lungs,¹.—**Moderate cough, with expectoration of bloody mucus*,¹¹.—**Spitting of blood*,¹.—**Respiration.** Respiration 14; labored,¹¹.—*Difficult respiration*,¹.—Dyspnœa, with symptoms of inflammation of the lungs and intestines,¹.—Dyspnœa, with anxiety, thirst, nausea, diarrhœa,¹.

Chest.—[230.] Inflammation of the lungs,¹.—Severe pains in the chest, with vomiting of a green fluid,¹.—The lungs seem passive; respiration in the evening in bed is difficult; the chest feels tight,⁷.—Oppression of the chest while sitting, almost amounting to faintness (second day),⁵.—During several days there was some soreness in the chest and cough in the morning,¹².—A severe sore pain and a sticking, as if in the bones of the chest, in the middle of the chest, somewhat to the right side; worse on touch, but not on deep inspiration (first day),⁵.—**Front.** Constant dull stitch in the forepart of the chest, extending into the bones of the left shoulder (after a quarter of an hour), returning next day,⁵.—**Sides.** Pain in the right side below the arm; afterwards also in the left,⁵.—Pain beneath the left arm, extending into the left side of the chest, with very great pain on deep inspiration,⁵.—Pressure in the right side of the chest; on the previous day pain in the left side,³.—[240.] Stitches in the right side of the chest, quite near the sternum,⁵.—Stitches in the right side of the chest, on sneezing,⁵.—**Mammæ.** The milk of the mother became deadly poison to her five months' child,¹.—Sudden pain above the left nipple, as from a blow, lasting two minutes, repeated after a few minutes (first day),⁵.

Heart and Pulse.—Præcordium. Pain in the heart,¹.—**Heart's Action.** Palpitation during the fever,¹.—Heart-beat feeble (55 per minute),¹¹.—**Pulse.** Pulse rapid and full, at first,¹.—Pulse at first full, hard, and rapid,¹.—Pulse weak, rapid, with fever and exhaustion,¹.—[250.] Pulse at first hard, rapid, then weak and slow,¹.—Pulse 100, with

cold skin,¹.—Pulse weak, rapid, 102, 80, intermitting,¹.—Pulse small, 130, in the evening,¹.—Pulse low, and about 60 strokes in a minute (after twenty-six hours),¹⁰.—Pulse strong and full, after the formation of an abscess,¹.—Pulse at first hard, afterwards weak,¹.—Pulse tremulous,¹.—Pulse scarcely noticed, with loss of motion and speech,¹.—His pulse was almost imperceptible and threadlike, the next morning,⁹.—[260.] Pulse scarcely perceptible, with faintness,¹.—Pulse not perceptible at the wrist,¹¹.—Pulse imperceptible,¹.

Neck and Back.—**Neck.** Tensive pains, extending from the shoulder to the neck, worse on moving the arm,⁵.—Drawing-tensive pain, extending from the right shoulder up along the neck, as if some one were pulling on a tendon extending from the shoulder to the neck, and drawn tense under the skin; moving the arm, especially bending it backward, and also pressure upon the affected part aggravated the pain,⁵.—Drawing on the left side of the neck, posteriorly, extending to the shoulders,⁵.—**Back.** Extravasation of blood in the loins,¹.—Visible twitching of the muscles of the lumbar region,⁴.

Extremities in General.—**Objective.** Whole extremity swollen to nearly double its size, and very painful,⁹.—Convulsive movements of the limbs,¹.—**Subjective.** [270.] Heaviness of the arms and legs, as if the bones were made of heavy wood,⁵.—Painful paralytic sensation in the bones of the fingers, arms, and legs, in the evening while sitting,⁵.—A numb pain, as after a cramp, frequently in the toes and anterior portion of the fingers (second day),⁵.—Tearing in the limbs; yearly, or at times,¹.

Superior Extremities.—**Objective.** The affected arm became inflamed, swollen, and gangrenous; diarrhœa, with delirium, and death on the eighteenth day,¹.—Next morning, the arm, from the shoulder and front of the thorax to the fingers, was swollen to twice its size,⁹.—Swelling and heaviness of the arm that was bitten,¹.—The arm became again swollen and inflamed on the tenth day; on the eleventh he was unable to rise, on account of heaviness of the arms and pains; on the twelfth, it was worse; on the thirteenth, diarrhœa, chills, with the formation of a large abscess on the outer side of the elbow, from which was discharged a reddish-brown matter, with membranous portions of the cellular tissue; on the fourteenth, less redness and swelling; on the fifteenth, less suppuration, diarrhœa; on the night of the sixteenth, chill, followed by rapid extension of the ulceration; on the seventeenth, the skin near the shoulder became gangrenous; on the nineteenth, death,¹.—**Subjective.** The arms feel numb in the morning,¹².—The arm was very painful when moved the next morning,⁹.—[280.] Drawing in the bones of the right arm, extending into the thumb and little finger, together with pain in the left foot,⁵.—**Shoulder.** In the forepart of the shoulder-joint above the axilla, several small soft lumps under the skin, with many persistent stitches, as from sharp needles thrust into the flesh; worse on bending the arm backward (second day),⁵.—Glands in left axilla swollen and tender,¹¹.—Bruised pain in the bones of the shoulder, extending backward, especially on bending the arm backward, by paroxysms (second day),⁵.—**Arm.** Violent pain in the right upper arm just above the elbow,⁵.—Bruised pain in both upper arms, a cramplike sensation,⁵.—**Elbow.** Pain in the right elbow, together with a throbbing bruised pain in the ribs beneath the right arm; worse when touched, and on moving the arm up and down,⁵.—**Forearm.** Swelling of left forearm, extending up the arm, of right arm only to the elbow; severe pain in left, moderate in right,¹¹.—The bite was followed by severe pain, and great swelling of the forearm

and arm nearly to the shoulder, accompanied by discoloration of the integument,¹⁴.—**Hand.** Both hands and forearms swollen, and very painful,¹¹.—[290.] Cold swelling of the hand and arm, with painfulness to pressure,¹.—*Trembling of the hands*, during rest,⁴.—Marked contraction of some of the flexors of the hand,¹⁴.—Paralytic weakness in the hands and fingers,⁵.—Violent pain in the palm of the left hand, as after the sting of a bee, but more spasmodic; much worse on moving the middle finger, in the last joint of which the pain is first felt,⁵.—**Fingers.** Oozing of blood from under the nails,¹.—Pain from the bite pierces to the extreme tips of the fingers,¹.—Pain in the last joint of the middle finger, on moving it,⁵.—Violent pain in the last phalanges of the right little finger and of the left middle finger, as when in winter one suddenly brings a very cold hand very near the fire; frequently the same pain attacks the left ring finger,⁵.—At times, paralytic pain in the bones of the fingers, chiefly in the right index finger,⁵.—[300.] Violent dull drawing pains in the bones of the left thumb,⁵.—Bruised pain through the first (metacarpal) joints of the fingers of the right hand,⁵.—Bruised pain in the two last phalanges of the left little finger, with pulsating in the tip of the finger,⁵.—A pain shooting into the left ring finger six times, with rapid pulsation, lasting only a few seconds each time (fourth day),⁵.

Inferior Extremities.—Objective. The bitten leg became of the color of the snake; the flesh decayed, and fell off in pieces,¹.—Gait tottering,¹.—**Subjective.** Feeling as though the whole right leg were only half alive; on taking hold of the muscles, which he is involuntarily inclined to do, shivering through the upper part of the body, with shaking of the head, and tension of the forehead and muscles of the neck,⁵.—Constant dull, aching weariness in the legs,⁵.—Burning pains, with swelling of the leg that was bitten, very violent, with heat like fire,¹.—Tensive-drawing bone-pain from the left hip to the foot, with a bubbling sensation in the calf,⁵.—**Hip.** [310.] A sharp stitch across the right hip-bone, extending backward, worse on motion,⁵.—**Thigh.** A very weary and cramplike pain in the thighs, extending up to the abdomen and backward, as after excessive exertion in skating; it seems as though the flesh would be drawn up, which makes the pain worse,⁵.—Sudden attack of pain and throbbing in the head of the femur; the throbbing is perceptible to the hand; the pain suddenly disappears after five minutes (first day),⁵.—Bruised pain in both thighs, as if he had skated too much the previous day, worse while walking, or when touched (second day), continuing the fifth day,⁵.—**Knee.** Some sudden pains in the right knee, like gout, while walking, which returned, and were continuous on sitting still (second day),⁵.—Goutlike drawings through the right knee, and down the lower leg, aggravated by standing on the right foot (after one hour),⁵.—Some dull, drawing pains, like gout, in the patella and right tibia, on walking, so that he could scarcely continue walking for a few moments (after four hours), followed by violent pain in the hand and jaw,⁵.—Rheumatic drawing in the hollow of the right knee, between the tendons,⁴.—**Leg.** Lower portion of the leg and foot so much swollen as to rupture the skin, from the toe to the ankle, and quite black in color,⁸.—The legs go to sleep, and tingle when sitting,¹².—[320.] The legs fall asleep easily, after riding one over the other, for a short time,⁵.—Pain in the right tibia,⁵.—Disposition to cramp in the legs, next morning,⁹.—Cramp in the calf of one leg,¹².—Drawing in the left leg, extending from the hip to the foot, once suddenly while walking in the evening,³.—Feeling in the right leg, during and after walking in the street, as

if a tendon were drawn from the sole of the foot through the bone of the leg, and the foot was thereby pulled up,⁵.—Dull drawing pain, as if through the marrow of the bone, extending from the left knee to the sole of the foot,⁵.—A sore pain in the left calf, worse when touched (first day),⁵.—Bubbling in the calves, with pains in the bones,⁵.—*Ankle*. Bruised pain in both malleoli, very painful, when walking,⁵.—[330.] Bruised pain in the tendon behind the left malleolus, aggravated by moving the foot, and on touch (first day),⁵.—*Foot*. Swelling of the feet (chronic effect of the bite),¹.—Swelling of the feet every evening, lasting the whole year,⁶.—After the bite, the foot remained swollen, with ugly ulcers, for fourteen years; yellow, sickly color of the face; remarkable indifference to everything; he seems only half alive,¹.—Heat and intolerable gnawing pain in the whole of the left anterior foot, together with drawing in the bones of the right arm, extending into the thumb and little finger (after one hour and a half),⁶.—Burning and dull sticking in the sole of the right foot, with a sensation as if the foot were as heavy as lead,⁵.—Pain in the sole of the foot, in front of the heel, as from stepping on something sharp with the bare foot (fourth day),⁵.—Sore pain in the sole of the foot,¹.—Cramplike drawing pain in both heels, extending to the malleoli, chiefly felt within the bones,⁵.—*Toes*. In a short time the bitten toe was much swollen and very painful,⁸.—[340.] The toes of both feet feel wearied, as if by a long walk,⁶.—Cramplike sensation beneath the left little toe, feeling as if some one turned it around (first day),⁵.

General Symptoms.—Objective. *Swelling of the whole body,¹.—Swelling, especially in the face,¹.—Swelling and maculae recurred yearly,¹.—The child became swollen, and died on the next year, when the spots returned,¹.—Swelling, with angry ulcers; lasting fourteen years,¹.—*Her body was considerably swollen (after twenty-six hours),¹⁰.—Œdematous swelling of the whole body, especially the head, after being bitten in the foot,¹.—General dropsy,^{1, 15}.†—[350.] **Hæmorrhage from all the orifices of the body, eyes, ears, nose, mouth, and urethra*,¹.—**At times blood flows suddenly from the eyes, ears, nose, gums, and beneath the nails*,¹.—Convulsions from time to time, with trembling of the limbs,¹.—General spasm, without foaming at the mouth, next morning, lasting a few minutes,⁹.—Irregular spasmodic action of the muscles,¹³.—Relaxation,¹³.—Depression of the vital powers,¹³.—**Is easily tired by slight exertion*,¹².—Standing up fatigues her much (third and subsequent days),¹².—**General loss of power; the muscles refuse their service*,¹.—[360.] Great loss of power, so that he is unable to make the slightest exertion,¹.—Weakness and delirium, with inflammation,¹.—General sudden weakness,¹.—**Tremulous weakness, all over, as if some evil were apprehended* (third day),¹².—Very great debility, next morning,⁹.—Paralysis of one side, lasting during life,¹.—Faintness,¹.—Attacks of faintness, with paleness of the face,⁴.—Frequent attacks of faintness, with imperceptible pulse, and inclination to vomit,¹.—Death by syncope,¹³.—[370.] Turns about very much in bed,¹².—*Subjective*. Weariness and rapid loss of strength, with fever,¹.—The bitten part pains her severely (after twenty-six hours),¹⁰.—Intense burning in the wound, extending over the body, even to the top of the head,¹³.—Bruised sensation in the morning, after waking; is scarcely able to rise,⁵.—Bruised pain in all the bones, in the morning, on waking, disappearing after rising,⁵.—All the pains alternate rapidly with each other, and frequently recur,⁵.—All the pains, except the

† Authority 15, preceded by S. 14.

headache, appeared and disappeared suddenly, lasting from half an hour to three hours (first day),⁵.—Improvement after Ammonia, Camphor, Opium, coffee, and brandy,¹.

Skin.—Objective. *Yellow color of the whole body,¹.—[380.] The body is covered with yellow spots,¹.—Yellow spots break out at times,¹.—Yellow spot at the place of the bite, with swelling and pains from time to time (chronic result),¹.—Blue and yellow spots with fever occurred yearly,¹.—Blue and yellow spots became again visible the next year after the bite, with swelling and death,¹.—Old scars break out again,¹.—Oozing of blood in the form of sweat in large quantities,¹.—Her left leg, as high as the hip, was enormously distended, and threatened mortification, the skin having a shining appearance, with discoloration, being black on the outside and mottled on the inside with black and yellow spots, so that one might have fancied it resembled the skin of the snake (after twenty-six hours),¹⁰.—**Eruptions, Dry.** Eruption of numerous isolated red pimples, very small, with a few large ones upon and between the scapulæ,⁴.—The skin became constantly affected with pimples, and an ulcer formed on the right thigh, after a few doses,⁷.—**Eruptions, Moist.** [390.] Blisters and livid spots on the body, with frequent attacks of faintness, and imperceptible pulse,¹.—Blisters on the swollen arm,¹.—Blisters surrounded by red areolæ, as large as a six-franc piece, on the inner side of the arm, beneath the shoulder, and near the elbow (second day); these increased in circumference on the third day; they healed on the seventh day,¹.—Blisters formed about the wound, passing into ulcers,¹.—About the wound were several large vesicles filled with very dark bloody serum,¹¹.—Three months later there appeared upon the integument covering the metacarpal bone of the right thumb, an eruption of three or four small vesicles, accompanied by a “beating” pain at the site of the eruption, together with contraction of the flexors and inability to extend the hand. In the course of a few days the vesicles dried up and the other symptoms disappeared. Since that time and up to the date of my visit she has had a return of the eruption, with contraction of some of the flexors, *every three months*,¹⁴.—**Eruptions, Pustular.** A large pustule near the left wing of the nose, with tensive pains extending into the cheek, followed by long-continued redness and hardness in this place,⁴.—**Ulcers.** Formation of obstinate ulcers about an old bite,¹.—Gangrene of the bitten portion, extending over the body,¹.—**Subjective.** Itching on the middle joints of all the fingers of both hands,⁴.—[400.] Some itching about the bend of the arm,⁹.—Sticking itching alternately in all parts of the body, but worst on the scapulæ,⁴.

Sleep and Dreams.—Sleepiness. Yawning,⁵.—Great sleepiness early in the evening,^{4, 5}.—Uncommon sleepiness at bright midday (first day); almost irresistible at noon (second day),⁵.—Sleepy, at 11.30 A.M. (next day),⁹.—Sleep, with cold skin,¹.—Drowsy and heavy in the evening,¹².—Nearly comatose,¹¹.—Coma,¹.—**Dreams.** [410.] Anxious dreams,¹².—Many dreams at night of strife and anger; he dreamed that he had fallen out with his father, who would no more recognize him as his son because he had embraced homœopathy,⁴.

Fever.—Chilliness. Surface cold,¹¹; (after twenty-six hours),¹⁰.—Coldness of the skin, with inclination to vomit,¹.—Skin cold, with hot swelling of the arm,¹.—Coldness of the body, pulse 100, nausea,¹.—Shivering and diarrhœa,¹.—Extremities cold next morning,⁹.—Cold hands and feet,¹.—Hands cold,¹.—[420.] Cold feet (eighteenth day),¹².—Shivering in

the head,⁵.—Shiverings creep over the scalp, so that the hair stands up,⁵.—**Heat.** Heat, with burning pain and swelling,¹.—The skin becomes hot, swollen, very tense, and painful, the whole arm and hand cold; on the second day it is still cold, the skin tense, painful to pressure; on the fifth day the swelling has greatly diminished, but the skin is still very tense; on the tenth it becomes more swollen and inflamed, and on the thirteenth the abscess forms, which on the seventeenth becomes gangrenous, followed by death,¹.—Fever, with thirst, hiccough, vomiting of bile, with palpitation, anxiety, weak rapid pulse, exhaustion and rapid loss of strength,¹.—Dry exhausting fever, with dry tongue and thirst, lasting till death,¹.—Heat in the feet,⁵.—**Sweat.** No sweat with the febrile heat,¹.

Conditions.—**Aggravation.**—(*Morning*), Soreness in chest, etc.; arms feel numb; after waking, bruised sensation; on waking, pain in all bones.—(*Forenoon*), At 11.30 o'clock, pain in course of colon.—(*Afternoon*), Headache in vertex; rancid eructations; heartburn.—(*Evening*), Drawing from vertex into eye; heartburn; pulse small, etc.; while sitting, sensation in bones of fingers, etc.—(*Night*), *Delirium*; pain in hypogaster.—(*Ascending steps*), Shaking, etc., in upper head.—(*After breakfast and dinner*), Pains in stomach.—(*Damp weather*), Lachrymation, etc.; disappearance of vision.—(*After food*), Stomach sore, etc.—(*Deep inspiration*), Pain in left abdomen.—(*Lying down again after rising*), Pain in occiput.—(*After a meal*), Vomiting of food.—(*Motion*), Stitch across hip-bone.—(*Pressure*), Pain from shoulder to neck.—(*While reading*), Vanishing of sight.—(*During rest*), Trembling of the hands.—(*While sitting*), Oppression of chest.—(*Standing*), Nausea.—(*Standing on foot*), Drawing through knee, etc.—(*Walking*), Nausea; pain in malleoli.—(*Walking rapidly*), Shaking, etc., in upper part of head.

Amelioration.—(*Morning*), After good night's sleep, headache; after rising, pain in bones.—(*Walking in open air*), Vertigo, etc.—(*Sitting*), nausea.

APPENDIX TO CROTALUS.

ADDITIONAL CASES, RECEIVED TOO LATE FOR ARRANGEMENT.

Med. Repository, N. Y., vol. 2, 1799, p. 253, from Charleston, S. C., City Gazette, J. Miller. A man was bitten on the side of the foot, about the middle of the hollow.

He struck me as the most frightful object I had ever beheld.—His head and face were prodigiously swollen, the latter black.—His tongue was prodigiously enlarged, and out of his mouth.—His eyes looked as if shooting from their sockets.—His senses gone.—Every appearance of suffocation; cured by olive oil.

Buffalo Med. Journ., vol. 9, 1853-4, p. 464, Dr. E. Stanley. Patrick Burne was bitten by a rattlesnake upon the index finger of the left hand, near the second joint.

Partial delirium (after ten hours).—Pulse very much excited, ranging from 115 to 130 (after ten hours).—Difficult and hurried respiration (after ten hours).—Skin hot and dry (after ten hours).—Eyes red and fiery (after ten hours).—Hand, arm, and shoulder swollen to a great degree (after ten hours).—Pain in the limb almost insupportable (after ten hours).—Cupping, poultices, Amm. and Ether internally (after ten hours).—Slight

nausea (second day).—Arm, shoulder, and upper portion of the left side thickly covered with small blisters filled with a fluid of a yellow color (second day).

Buffalo Med. Journ., vol. 4, 1848, p. 203, Dr. Josiah Trowbridge. A boy of 12 was bitten on the side of one foot, near the small toe.

Limb badly swollen to the body (after two or three hours).—Skin discolored and mottled and, if I recollect aright, of a green and yellow color (after two or three hours).—Pain severe (after two or three hours).—Pulse accelerated (after two or three hours).

Same, a man of 50, somewhat intoxicated, was bitten between the thumb and forefinger.

Hand and arm badly swollen to the elbow, and paining severely (after one hour and a half or two hours).

Buffalo Med. Journ., vol. 4, 1848, p. 115. (From the Annalist.) Dr. Wainwright. A man of 40 was bitten in the last phalanx of the middle finger of the left hand, near its articulation with the metacarpal bone; an attempt was made to excise it, a ligature about the wrist, 10 grains of Carb. amm. and $1\frac{1}{2}$ grain Sulph. morph., given.

The wound was followed by a jet of blood.—Hand much swollen; swelling extending up the arm; after the ligature was removed, extended half way between the elbow and shoulder-joint; it was very considerable, hard, and terminated abruptly; the finger when passed along the arm dropping suddenly from the swollen part to that in its natural condition (after three hours); extending to the pectoral muscles (after five hours and a half).—The hand was of a greenish color; the lower part of the arm was mottled blue, and greenish-yellow (after three hours); the discoloration did not extend as far as the swelling, and seemed to follow the swelling at about half an hour's interval.—Discoloration reached the axilla (after five hours and a half).—Face flushed (after three hours).—Manner excited (after three hours).—Pulse 80, of medium fulness and strength (after three hours); began to flag, becoming less full and forcible, but increasing in frequency to 100 (after three hours and a half); it afterwards reached 120; this was the maximum in frequency, becoming constantly more and more feeble; extinct at the wrist, but could be felt at the groin (after four hours and a half).—He became stupid, taking no notice of what was passing around him (after three hours and a half or four hours); this lapsed into coma, and he died (after five hours and a half).

Boston Med. Intel., vol. 1, 1823, p. 62, James Thacher, M.D. A rattlesnake stuck its fangs into a man's hand.

A swelling commenced in a few minutes, with severe pain; in half an hour his whole arm to his shoulder was swollen to twice its natural size.—The skin of his whole arm became of a deep-orange color, in half an hour. His body, on one side, soon became affected in a similar manner.—Nausea.

Buffalo Med. and Surg. Journ., vol. 1, Aug., 1861, p. 82, L. S. Ham. Mr. Lobdell received a full blow on the right hand, in that triangular fleshy part which lies between the thumb and index finger. By drawing a line from the second joint of the thumb, and the third joint of the index finger, and a quarter of an inch above or back of that line, will give the exact locality of the wound. Both fangs entered full length and the snake had to be shaken off.

Hand much swollen, the swelling extending nearly to the elbow (after three hours and a half).—Hand and lower part of the forearm dark and mottled (after three hours and a half); extending very rapidly,

nearly to the shoulder (after five hours), although remedies were applied.—Very warm, after walking five miles (after three hours and a half).—Pulse 116 (after three hours and a half).—Vomited several times (after three hours and a half).—Indistinctness of vision (after three hours and a half).

Buffalo Med. Journ., vol. 8, 1852-53, p. 72, Dr. S. W. Woodhouse. Rattlesnake buried his fangs in the side of the index finger of my left hand, about the middle of the first phalanx.

The pain was noticed to momentarily produce, as it were, a severe shock, and accompanied by nausea.—Applied Amm. and drank whisky.—Glands of the axilla sore and painful.—Took a quart of fourth proof brandy and half a pint of whisky (enough to have killed a man under ordinary circumstances) to produce intoxication, which lasted only four hours.—During intoxication vomiting freely.—(Took Ammon. and Mass Hydrarg. and Colocynth. comp.; pulver. Doveri grs x; during night at least 4 grs. Pulv. Opium.)—Restless night, without sleep; although during the night took at least Pulv. Opium gr. 4.—Pain in the finger intense (second morning).—Several times to-day tried to walk across the room, but at times would be seized with nausea and commence vomiting (second day), continuing (fourth day).—Swelling down the left side as far as the hip (fourth day).—A well-marked line of demarcation extended along the arm to the axilla (second morning).—The broad red line following the course of the lymphatic is now filled with a yellow serum (fourth day).—Nail became loose (fourth day); removed the nail (eighth day).—The point where the fang entered, for three-eighths of an inch in diameter, is of a dark-brown color (fourth day).—Hand much swollen and filled with serum (fifth day).—The first and second joints of the finger do not present a healthy appearance, the palmar surface having the appearance of gangrene; the discharge is thin and watery, without smell. The granulations do not present a healthy appearance; they are rough, and many of them look as if they were sprinkled with yellow ochre (after seven days).—Large slough, which gradually came away and left the last phalanx exposed in two places. A sinus remained open in the end of the finger; upon introducing a probe into the latter, the bone could be felt quite rough. A discharge was kept up in this for nearly five months, when I removed the exfoliation of the end of the phalanx, showing evidently that the fang had entered the periosteum. Soon after this the sinus closed, leaving the finger in a deformed state, ankylosis having taken place in the first joint.—Circulation is very imperfect, one of the arteries being destroyed, which renders the finger very susceptible to cold.

CROTALUS CASCAVELLA.

Crotalus cascavella of Mure (species uncertain).

Preparation, Trituration of the virus with sacch. lactis.

Authorities. 1, Mure, Pathogénésie Bresilienne, p. 322; provings on a female with the virus; 2, *ibid*, p. 321 (Maia and Reis, Gaz. de Paris, Jan. 5th, 1839); effects of a bite on the finger.

Mind.—*Emotional*. Magnetic state; she hears nothing, and again sees the spectre of death, as a gigantic black skeleton. Her weeping and mania increase (fifth day),⁴.—At 6 o'clock in the evening, another maniacal paroxysm. Magnetic state, in which she does not answer questions,

but hears a strange voice to her left, and behind her; she follows it, throws herself against closed doors, and scratches them with her nails. Three very similar attacks succeed each other; they are occasionally interrupted by silly laughter, and always end with a flood of tears. She again cries out: "He is in the den, but the lions will not eat him" (sixth day),¹.—She exclaims, several times, "He is in the lion's den, but they will not bite him" (sixth day),¹.—Another attack of mental alienation; she hears voices, which she follows; with copious tears (seventh day),¹.—She stands for ten minutes on the window-sill, and is arrested when on the point of throwing herself off (fifth day),¹.—She fancies her eyes are falling out (tenth day),¹.—He fancies he hears groans (third day),¹.—He fancies he hears some one walking behind him (second day),¹.—While in a clairvoyant state, he speaks to some one who does not answer (fourth day),¹.—[10.] She plays with her fingers like a child (fifth day),¹.—Aversion to talking (tenth day),¹.—Weeping (fifth day),¹.—The pains extort frequent groans (after five hours and three-quarters),¹.—Involuntary groans (after three hours and a quarter),².—She rises suddenly at 3 o'clock, uttering two shrill cries, and throwing herself forward (fifth day),¹.—Depression; sadness (fourth day),¹.—Dejection (after three hours and a quarter),².—Her thoughts dwell on death; with great sadness (fifth day),¹.—Thoughts of death haunt her everywhere, especially when alone (fifth day),¹.—[20.] She longs to weep, but cannot (fifth day),¹.—Anxiety (after two hours and a half),².—Feeling of fright, at night (fourth day),¹.—Fright at night about indefinite things,¹.—Sensitive mood (tenth day),¹.—She answers all questions with "no" (tenth day),¹.—**Intellectual.** Total loss of memory (fifth day),¹.—Loss of consciousness; she neither sees nor hears (sixth day),¹.

Head.—The head is affected (after one hour and a half),².—Head feels heavy, with stupor (seventh day),¹.—[30.] Sensation as if something alive were walking inside the head in a circle (second day),¹.—Pain in the inner head (second day),¹.—Tightness of the head from above (tenth day),¹.—The entire skullcap compresses the brain like an iron helmet (second day),¹.—Headache, epistaxis, and great excitement, caused by starting out of her sleep (third day),¹.—Shocks in the head which almost throw her off her balance (second day),¹.—**Forehead.** Pain in the middle of the forehead (ninth day),¹.—Frontal headache, as if the head would split, with weight above the eyes, especially at night (second day),¹.—Headache attacking the forehead, and afterwards the rest of the head (fourth day),¹.—Headache above the eyes, at 10 o'clock in the morning (fifth day),¹.—[40.] Headache as if the forehead would split (third day),¹.—**Temples.** Painful pressure in the temples (second day),¹.—Very acute lacerations in the right temple (second day),¹.—**Vertex.** Sensation as if a red-hot iron were stuck into the vertex (fourth day),¹.—Great headache at the vertex, with sensitiveness of the scalp to the touch (fourth day),¹.—**Occiput.** Bruised pain at the occiput (seventh day),¹.—**External Head.** Small pimples on the scalp (third day),¹.

Eye.—Haggard eyes (fifth day),¹.—Yellow rings around the eyes (second day),¹.—**Brow and Orbit.** Constant trembling of the eyebrows, especially the left (second day),¹.—[50.] Pain under the right orbit, and at the right side of the forehead (second day),¹.—Heavy pain in the bottom of the orbit, and at the left eyebrow (first day),¹.—Weight on the orbits, at night (fifth day),¹.—**Lids.** Heaviness of the eyelids (fourth day),¹.—Sensation of a grain of sand in the outer canthi of the eyes,¹.—Slight pain under the lids (tenth day),¹.—Itching in the canthus (third

day),¹—**Lachrymal Apparatus.** Profuse flow of tears (fifth day),¹.—**Ball.** Pressive contraction of the right eyeball, which felt as if drawn out (seventh day),¹.—The left eye feels as if drawn towards the temple,¹—[60.] Sensation as if a thread was being wound up in the eye, and pulled the eyeball toward the temple (second day),¹.—Cutting sensation all around the eyeball, as if it was being taken out with a penknife (second day),¹.—**Vision.** The sight is affected (after forty minutes),².—Appearance of a dazzling blue light before the eyes (second day),¹.

Ear.—Swelling of the right ear (second day),¹.—Stitches in the meatus auditorius (fifth day),¹.—Titillating itching in the ears (second day),¹.—**Hearing.** Deafness (second day),¹.—Very deaf (after a month),¹.—Buzzing in the ears while going downstairs (eighth day),¹.

Nose.—Objective. [70.] Ulcer in the nose (fifth day),¹.—Abundant discharge of mucus from the right nostril, at night (third day),¹.—Bloody serum runs from the nose (after seven hours),².—Nosebleed (after three hours),².—Epistaxis of bright blood (tenth day),¹.—**Subjective.** The tip of the nose is drawn up as by a string, which follows its median line and is fastened in the centre of the forehead,¹.—Smarting in the nostrils (second day),¹.—**Smell.** Smell all day like that of the *Crotalus* itself, insipid, nauseous, like that of a hospital (fifth day),¹.

Face.—Red face (after three hours and three-quarters),².—Yellow complexion (tenth day),¹.—[80.] Pain in the left cheek (second day),¹.—Difficulty in moving the lips (after one hour and a half),².—Black, bloody froth about the lips, in the morning (second day),¹.

Mouth.—Teeth. The molar teeth feel on edge, and are excessively sensitive (eighth day),¹.—Toothache, at night, in the upper molars, with inflammation of the gums (tenth day),¹.—**Gums.** Pain in the lower gums, as if touched by a red-hot iron (fourth day),¹.—Pressive pain in the left gums,¹.—**Tongue.** Tongue scarlet-red (second day),¹.—Paralysis of the tongue; he cannot speak (fifth day),¹.—Pain in the tongue and larynx, extending to the abdomen (after one hour and five-sixths),².—[90.] Burning and prickling at the tip of the tongue (third day),¹.—Itching of the tongue (third day),¹.—**Saliva.** Flow of saliva (after four hours and three-quarters),².—White, viscid saliva (after seven hours),².—Thick, viscid, dark-colored saliva, difficult to detach (after five hours and three-quarters),².—Discharge of white mucus from the mouth (tenth day),¹.

Taste. Very salt taste in the mouth; not removed by drinking sugar-water,¹.—Putrid taste or taste of onions, in the mouth, until it is rinsed (third day),¹.—**Speech.** Difficult speech (after two hours and a quarter),².

Throat.—Feeling as of dust in the throat (third day),¹.—[100.] Feeling of a lump in the throat (after seven hours),².—Burning and constriction in the throat,¹.—Constriction of the throat (after four hours and a quarter),².—Constricted feeling in the throat (after one hour and a half),².—Formation in the throat, as if beer was effervescing there,¹.—**Swallowing.** Difficult deglutition (after two hours and a half and seven hours),².—**External Throat.** Feeling of fulness in the jugular veins, extending to the sides and back of the neck (after forty minutes),².—First the blood is felt rising in the carotid arteries several times; then there is a faint feeling, and lastly a sensation as if a valve were suddenly opened (fourth day),¹.—Pain in the jugular veins, when moving the neck (third day),¹.—Constriction in the thyroid gland,¹.—Constrictive pain, as if a string was tied around the thyroid gland (fourth day),¹.

Stomach.—Appetite. [110.] Great appetite, passing off suddenly

at the sight of food (second day),¹.—Anorexia all day, and great appetite in the evening (third day),¹.—Repugnance for food (tenth day),¹.—Loathing of meat (second day),¹.—**Thirst.** Great thirst (second day),¹.—Great desire for snow, without wanting either water or wine (sixth day),¹.—**Nausea and Vomiting.** Desire to vomit (second day),¹.—Vomiting after breakfast, caused by drinking tepid water (eighth day),¹.—**Stomach.** Disordered state of the stomach (fourth day),¹.—Feeling of coldness in the stomach, after eating,¹.—[120.] Sensation as of an opening in the pit of the stomach, through which air passes (third day),¹.—Each mouthful of food falls suddenly into the stomach, like a stone, with pain felt even in the back (third day),¹.—Burning pinching at the pylorus,¹.—Stomachache, extending to the navel (second day),¹.—Stomachache, when eating, as from emptiness (fifth day),¹.—Twitching at the pit of the stomach (second day),¹.—Excessive sensitiveness of the epigastrium, which cannot endure any clothing (eighth day),¹.—Violent blow on the epigastrium (fourth day),¹.

Abdomen.—Hypochondria. Feeling as if a peg were sticking in the middle of the liver,¹.—Excessive weight at the diaphragm (fourth day),¹.—**Umbilical.** Pain across the umbilical region, with alternate sensations of spreading out and pinching together (seventh day),¹.—**General Abdomen.** [130.] Borborygmi (second day),¹.—Bellyache, after drinking (second day),¹.—Sensation as of bands around the abdomen (third day),¹.—Pain as from a band around the abdomen, fastened at the navel,¹.—Pressure in the whole abdomen, in the direction of the navel (second day),¹.—Pressive stitches in the abdomen (fifth day),¹.—The abdomen is exceedingly sensitive (second day),¹.—**Hypogastrium.** Pains in the hypogastrium on taking a cold drink (eighth day),¹.—Enormous weight at the hypogastric region (fourth day),¹.

Rectum and Anus.—Prolapsus recti for ten minutes (second day),¹.—[140.] Urging and tenesmus, followed by discharge from the anus of mucus like white of eggs (second day),¹.

Stool.—Yellowish diarrhoea (eighth day),¹.—Obstinate constipation (eighth day),¹.

Urinary Organs.—Copious urination (after five hours and three-quarters and seven hours),².—Involuntary emissions of urine during sleep (seventh day),¹.

Sexual Organs.—Violent lacerations in the uterus, when washing herself with cold water; terrible lacerations if the water is warm, with weight on the uterus (fourth day),¹.—Lacerations, like knife stabs, in the uterus and anus, especially when washing with cold water (eighth day),¹.—Intermitting metrorrhagia of bright-red blood twice a day, in alternation with the paroxysms of mania (seventh day),¹.—Vermilion-colored metrorrhagia, which suddenly ceased in the course of the day (fifth day),¹.—Leucorrhœa (third day),¹.

Respiratory Organs.—Voice. [150.] The voice is extinct (fourth day),¹.—**Cough and Expectoration.** Dry cough, at night, from tickling in the throat (third day),¹.—Green expectoration, in the morning (second day),¹.—Spitting of black blood,¹.—Spitting of blood mixed with thick phlegm (tenth day),¹.—**Respiration.** Quiet breathing (after five hours and three-quarters),².—Impeded respiration (after four hours and a quarter),².—Oppression of breathing, as though there were not air enough in the house (sixth day),¹.—Suffocative feeling (eighth day),¹.—Suffocative feeling, with dread of another attack (fourth day),¹.—[160.] Feeling of

suffocation (seventh day),¹.—The sense of suffocation increases (fifth day),¹.

Chest.—Sensation of water in the chest, with efforts to throw it up, and faint feeling, as if the heart were dipped in a liquid (third day),¹.—Pain in the chest, extending to the back (third day),¹.—The chest and head feel as if compressed by an armor of iron (third day),¹.—Drawing from the neck to the epigastrium (fifth day),¹.—Feeling of internal sores under the breasts (second day),¹.—Pain in the right clavicle (fifth day),¹.—Bone-pain and swelling of the left clavicle (sixth day),¹.—The humeral extremity of the left clavicle continues to swell (seventh day),¹.—**Sides.** [170.] Pain in the left side (tenth day),¹.—Stitches in the side (third day),¹.—Stitch in the left side, when drawing breath, after drinking (third day),¹.

Heart and Pulse.—Præcordium. Feeling as if the heart were beating from above downwards (fifth day),¹.—**Heart's Action.** Palpitation of the heart (fifth day),¹.—She cannot perceive any one at her right side without palpitation of the heart, and a real fatigue from pleasure (seventh day),¹.—**Pulse.** Frequent pulse (after one hour and a half),².—Pulse 96 (after three hours),².—Pulse 98 (after three hours and three-quarters),².—Pulse 100 (after three hours and a quarter),².—[180.] Pulse 104 (after four hours and three-quarters),².—Pulse full, 110 to 140,².—Pulse rather heavy,¹.

Neck and Back.—Neck. Painful twitching in the sides of the neck when turning the head,¹.—**Back. Dorsal.** Internal pain between the shoulders (fifth day),¹.—Stitches as from pins in the dorsal spine (second day),¹.—Bruised feeling at the inside of the right scapula (second day),¹.—Bruised pain between the shoulders, and sometimes slow and measured lacerations when inclining backwards, as if a vertebra was fractured (fourth day),¹.—**Lumbar.** Painful heaviness in the loins (second day),¹.—Pain, like lacerations, in the psoas magnus muscle (eighth day),¹.—[190.] Great pain at the sacro-lumbar articulation (sixth day),¹.

Extremities in General.—All the limbs tremble (fourth day),¹.—Weariness of the arms and legs (second day),¹.

Superior Extremities.—Increased pain in the upper extremities, which gives the patient no rest, despite his extreme prostration (after four hours and a quarter),².—Weariness of the arms (second day),¹.—Numbness of the arms (after three hours),².—Intense pains in the arms (after three hours and a half),².—**Shoulder.** Rheumatic pain in the right shoulder (tenth day),¹.—Lacerations under the right axilla, like two successive stabs with a dagger, arresting the breathing, and felt in the chest,¹.—**Elbow.** Pain in the elbows (third day),¹.—[200.] Pain in the elbow, as if the bones were pulled (second day),¹.—**Forearm.** The pain and swelling extend over two-thirds of the forearm (after one hour and a half),².—Cramps in the arms, as if the nerves had been tied in a knot during venesection (tenth day),¹.—**Wrist.** Rheumatic pain in the left wrist (eleventh day),¹.—**Hand.** Swelling of the hand, with drops of blood from the wound,².—Prodigious swelling of the hand, which feels cold, as also do the legs and feet (after one hour),².—The whole hand is swollen and painful (after one hour and a half),².—The hands tremble (fifth day),¹.—Pain in the hollow of the hand (second day),¹.—Pain in the palm of the hand, extending to the wrist (after ten minutes),².—**Fingers.** [210.] The tips of the fingers are blue (tenth day),¹.—The nails are red (third day),¹.—The roots of the nails are laid bare (tenth day),¹.—Jerking in the fingers

(second day),¹.—The last phalanges feel as if broken (tenth day),¹.—Smarting at the finger tips (third day),¹.

Inferior Extremities. Drawing up of the lower limb from the hip to the foot, with crampy pain (third day),¹.—Sensation as if the right leg, from the hip to the heel, were shortened; this sensation, though illusory, causes him to limp,¹.—**Hip.** Pressure on the left hip, as with the blade of a knife (seventh day),¹.—**Thigh.** Acute pulling in the thigh, with momentary paralysis of the right lower extremity (second day),¹.—**Knee.** [220.] While drinking cold water, the veins of the knee have a deep-black color (eighth day),¹.—Pricking, as from needles, behind the knees (fourth day),¹.—**Foot.** Violent cramps in the heel (twelfth day),¹.—**Toes.** Swelling of the three last toes of the left foot (seventh day),¹.—Contraction of the toes (sixth day),¹.—The toes remain bent (third day),¹.

General Symptoms.—Objective. Visible trembling of the whole body (after one hour and a half),².—Great debility (fourth day),¹.—Muscular prostration (after five hours and three-quarters),².—Faintness, relieved in the open air (third day),¹.—[230.] Fainting from hunger, before eating (seventh day),¹.—Increasing restlessness and anxiety (after three hours),².—Desire to move about (tenth day),¹.—**Subjective.** Torpor (after five hours and three-quarters),².—Numbness all over,².—Even while awake, he feels as if falling out of bed (sixth day),¹.—She feels uncomfortable in consequence of having her courses, and is out of humor on account of having them (tenth day),¹.—Pain in the bones, especially of the joints; at the shoulder-blades, elbows, phalanges of the fingers, at the knees, the hip, and under the toe-nails (seventh day),¹.—Great pain all over (after four hours and three-quarters),².—Lancinations in various parts of the body (sixth day),¹.

Skin.—[240.] General redness increases (after four hours and a quarter),².—Circular spot between the breasts, which is black at the upper and red at the lower portion (eighth day),¹.—Bright yellow freckles, or spots of sunburn, on the upper part of the right hand (eighth day),¹.—Excoriation and pustules on the left toes (seventh day),¹.—**Eruptions, Dry.** Small red pimples all over (tenth day),¹.—Small red pimples with a white tip (eighth day),¹.—The pimples begin with a red spot on the skin, like a fleabite; they then appear as conical elevations, which become the centres of an exfoliation, less extensive than that caused by the *Elaps corallinus*, with a small black speck remaining in the middle (third day),¹.—Eruption of small red conical pimples on the wrist (second day),¹.—Small red pimples on the left foot, like those which appeared on the hand, on the second day of the proving (eighth day),¹.—**Eruptions, Pustular.** Blood is discharged from a pustule under the arm (after three hours and three-quarters),².—**Subjective.** [250.] Prickling all over the body,¹.—Acute sensation of burning and redness of the skin, which is perceptibly depressed at the opening of the right nostril (third day),¹.—Formication in the face (after forty minutes),².—Formication in the feet, as far as the ankles (fourth day),¹.—Itching at the epigastrium (sixth day),¹.—Itching of the thighs (second day),¹.—Violent itching of the calves (eighth day),¹.—Itching under the feet (fourth day),¹.

Sleep and Dreams.—Sleepiness. Constant yawning (third day),¹.—Sleepiness in the morning,¹.—[260.] Somnolence, with moaning (after seven hours),².—Drowsiness (after one hour and a half),².—Drowsiness, the whole morning (seventh day),¹.—Sleep (after nine hours and a half),².—**Sleeplessness.** Sleeplessness,¹.—Sleeplessness, with restlessness

(third day),¹.—Piteous moaning in sleep (sixth day),¹.—Startings in sleep,¹.—**Dreams.** Dreams about evening parties, with illuminations, quarrels, battles (second day),¹.—Dreams about enormous hairy spiders, which approach and try to climb up one's person (eighth day),¹.—[270.] Dream about a horse which bathes in a pool, and is gradually drowned (sixth day),¹.—Dreams about corpses and ghosts (tenth day),¹.

Fever.—Chilliness. General coldness, not relieved by covering (fourth day),¹.—Patient is cold, and covers himself up (after one hour and three-quarters),².—Coldness in the back (sixth day),¹.—Coldness in the back, after eating (fifth day),¹.—Coldness of the hands (fifth day),¹.—The feet are cold (second day),¹.—The feet are icy cold (fifth day),¹.—The feet feel cold (after one hour and five-sixths),².—**Heat.** [280.] Flushes of heat in the face (eighth day),¹.—Burning forehead (fifth day),¹.—Burning in the thighs (sixth day),¹.—**Sweat.** Sweat and weakness, after eating (second day),¹.—General sweat (after three hours and a quarter),².—Copious sweat on the chest (after two hours and a half),².—Skin moist (after five hours and three-quarters),².

Conditions.—Aggravation.—(*Morning*), Froth about lips; green expectoration; drowsiness.—(*Forenoon*), At 10 o'clock, headache above eyes; weight on orbits.—(*Evening*), Great appetite.—(*Night*), Fright; frontal headache; discharge from nostrils; toothache; dry cough.—(*When alone*), Thoughts of death.—(*After cold drinks*), Pain in hip.—(*Washing with cold water*), Lancinations in uterus.—(*While descending stairs*), Buzzing in ears.—(*After drinking*), Bellyache.—(*When eating*), Stomachache.—(*After eating*), Cold feeling in stomach; coldness in back.

Amelioration.—(*Open air*), Faintness.

CROTON TIGLIUM.

Croton tiglium, Linn. (*Tiglium officinale*, Klotzsch). *Natural order*, Euphorbiaceæ. *Common names of seeds*, Croton oil seeds, Puergirkörner, Piñones de Maluco, Grames de Tilley, Petit Pignon d'Inde.

Preparation, Tincture of the oil from the seeds.

Authorities. 1, Hermann, *Praktische Mitt.* (from Roth's *Mat. Med.*); 2, a girl, aged 25, took one drop on sugar, from Buchner's collection, *Archiv. f. Hom. Heil*, 19, 116; 3, effects of one drop on a young, black-haired girl, *ibid.*; 4, effects of three drops on a girl, aged 26, with carious teeth, *ibid.*; 5, effects of three drops on another girl, *ibid.*; 6, effects of three drops on a girl of 36 (taken for urticaria), *ibid.*; 7, effects of three drops triturated with sugar, and taken in three doses, on a girl aged 26, *ibid.*; 8, effect of three drops on a student, aged 23, *ibid.*; 9, a girl, aged 20, took one-eighth of a drop daily, afterward three-eighths, afterward one-half, and again three-fourths of a drop daily, *ibid.*; 10, a man, aged 32, took one drop on sugar, *ibid.*; 11, Dr. S. T., aged 26, took repeated doses of three-tenths, one-half, three-fourths of a drop, and one drop, *ibid.*; 12, a girl, aged 32, took one-half a drop for several days, afterward three-fourths of a drop, *ibid.*; 13, K. M., aged 26, effects of smelling a solution of two drops to 100 of Al., afterward of the pure oil, and of taking two or three drop doses, *ibid.*; 14, B., a man, aged 27, took numerous doses of from one-tenth to one drop each, during a period of about seven weeks, *ibid.*; 15, effects on a girl of 15 of rubbing five drops on the arm, *ibid.*; 16, *Commensur. Jour.*

d. Pharm., 13, p. 394, effects of getting some into the eye, *ibid.*; 17, Tavernier, Froriep's Notizen, 12, p. 287, rubbed some oil about the umbilicus, *ibid.*; 18, C. M., rubbed some oil over the left deltoid muscle, and afterward a little below the same place, *ibid.*; 19, the same, effects of the fumes inhaled while rubbing the oil into the arm; 20, the same, effects of rubbing oil above the umbilicus; 21, Dr. Joret, effects of one or two drops taken internally (*Archiv. Gen. de Med.*, 1833), *A. H. Z.*, 4, p. 69; 22, *A. H. Z.*, *Mon. Bl.*, 9, p. 62, a man drank some by mistake, taking about half an ounce; 23, Rumph, effects of whole plant, especially of the leaves, *Herb. Amboin*, t. 4, p. 98, from Wibmer; 24, Buchner, effects of chewing and spitting out a seed, *Toxicologie*, 1827, from Wibmer; 25, Wibmer, effects of one drop made into two pills, taken with an interval of half an hour; 26, Landsberg, effects of half a large seed, *Pharmacog. Euphorb. Diss. Berol.*, 1831, from Wibmer; 27, same, effects of one drop on sugar; 28, same, effects of rubbing oil into the abdomen; 29, Hencke, effects of rubbing oil into umbilical region, *Archiv. f. Hom.* 20, 2, 183; 30, same, proving with 2d trit. of seeds; 31, Dr. Brentzer, proving with 15th dil., *ibid.*; 32, same, provings with 4th dil.; 33, Connell, general effects, from Buchner's collection, *Archiv. Hom.*, 19, 1, 119; 34, Piedagnel, general effects, *ibid.*; 35, Meinel, effects of rubbing oil into inguinal region, *Fr. Mag.*, 4, 966 (from *Deutsch Kl.*, 1851); 36, Guttseit, effect of two drops, repeated after two days, for obstinate constipation, *Fr. Mag.*, 4, 274 (from *Med. Zeit.*, 1846); 37, Graefe and Walther, effects of one drop, *Fr. Mag.*, 1, 592 (*Rust's Mag.*, 1836); 38, Hutchinson, general effects of rubbing in six drops on the skin, *Bost. Med. and Surg. Jour.*, 8, 411; 39, effects of two drops, taken for scanty menstruation, from the last; 40, Pereira, effects of the dust encountered while emptying packages of the seeds, *Mat. Med.*, 2, 1, 606; 41, Prujer, *Rust's Mag.*, 19, 3, 525, from Roth's collection (*Mat. Med.*); 42, Koehler, *Rust's Mag.*, 46, p. 45, *ibid.*; 43, Romberg, *Casp. Wochen.*, 1835, *ibid.*; 44, Brandes, *Hufel. Journ.*, 57, p. 120, *ibid.*; 45, omitted; 46, Horn's *Archiv.*, 60, p. 574, *ibid.*; 47, Murray, *App. Med.*, 4, 150, *ibid.*; 48, Cobansen, *Act. nat. cur.*, 9, p. 39, *ibid.*; 49, Boudet, *Abeille Med.*, 1845, *ibid.*; 50, Vautherin, effects of inunction of stomach with twelve drops, *Monograph des Graines de Croton. Tig.*, Paris, 1864; 51, *Med. Chir. Rev.*, July, 1834 (*All. Med. Zeit.*), general effects of external use; 52, Mayet and Hallé, poisoning of three persons by strawberries impregnated with the oil, *Ann. d'Hyg.*, 35, 193; 53, Maurezin, poisoning of a girl of 6 years by three grammes in "café au lait," *Gaz. des Hôp.*, June, 1868; 54, omitted; 55, C. C. Shayer, general account of poisoning of five persons by eating some birds over which some Croton oil had been spilled, *Am. J. of Med. Sci.*, Jan., 1867 (the birds had been well washed previous to cooking); 56, Tilbury Fox, general effects of inunction, *Lancet*, April, 1867; 57, S. R. Percy, general effects of internal and external use, *Am. Med. Times*, 5, 170; 58, Brydone, effects of a teaspoonful of a mixture of equal parts of Croton and olive oil, *Ed. Med. Jour.*, 1861; 59, J. L. Bunting, poisoning of a woman by one ounce, *Med. Record*, 3, 274 (*Boston Med. and Surg. Jour.*); 60, Keith, effects of a teaspoonful on a boy, given by mistake in whooping-cough (*Ed. Med. Jour.*), from *Br. J. of Hom.*, 2, 129; 61, Berridge, proving on a man with several doses of the 200th dil., Lehmann (*A. J. of H. M. M.*, 1874, p. 128); 62, Marchand, proving on self with two pills of Croton oil taken in bread, "Du Croton Tiglium," Paris, 1861; 63, Vautherin, effects of eight or ten drops taken by mistake with food, "Des Graines de Croton Tiglium," Paris, 1864, p. 88.

Mind.—Emotional. Disinclined to speak; uttering no complaints (after three hours),⁶⁰.—Sadness,⁹.—Great depression of spirits,¹².—Anxiety,¹³.—Great anxiety,¹³; (after one hour),⁵⁵.—A peculiar feeling of anxiety, as though some misfortune were about to happen,³².—Solicitous mood.³².—Fretful,³².—Peevishness and fretfulness; everything is unpleasant to him,¹⁴.—[10.] Morose mood,¹⁹.—He is very morose and dissatisfied,¹⁴.—**Intellectual.** He has no inclination to work; would much rather dance than attend to his business,¹⁴.—Thought difficult,³².—Loss of memory,¹⁴.

Head.—Confusion and Vertigo. Confusion of the head,⁸³¹.—Confusion in the head, especially in the temples,¹⁴.—Confusion of the head, immediately on rising,¹⁴.—Confusion of the head, with dulness and pressure in the forehead,¹³.—Confusion of the head, but especially of the frontal region, with pressure and heaviness,¹³.—[20.] Confusion of the head, especially on the right side, with pressure downward from the vertex, so that there is sometimes sticking extending downward below the ear, with impaired hearing in the right ear,¹⁴.—Confusion of the whole head, lasting through the night,¹³.—Confusion of the whole head, on going into the open air,¹³.—Great confusion of the head with the vomiting, which also lasted three days, with loss of appetite,¹¹.—Great confusion of the whole head, with pressure towards the frontal region, and nausea,¹⁹.—Head very much confused,¹⁸.—Confusion of the forepart of the head, especially of the frontal region,¹⁸.—Confusion of the forehead,¹³¹⁴.—Confusion of the left half of the occiput,¹⁴.—Confusion of the occiput,¹⁴.—[30.] Vertigo,⁹.—Vertigo, so that she could scarcely remain sitting, especially on looking up,⁹.—Vertigo and confusion of the head, lasting all the afternoon,¹⁴.—Vertigo, especially on the right side, with pressure in the right eye,¹⁴.—Vertigo, with nausea, so that she was obliged to go into the open air, where she became worse, looked pale, seemed very weak and exhausted,⁵.—Attacks of vertigo, while walking in the open air,¹⁴.—Head felt dizzy,¹³.—Dizziness of the forehead,¹⁹.—He became very giddy and fell down insensible,⁴⁰.—**General Head.** Head feels as after intoxicating drinks,¹⁴.—[40.] Heaviness of the head (in half an hour),¹.—Heaviness and confusion of the whole head, with prickling in the eyes,¹⁴.—Head heavy, dull, and confused, in the morning, on waking,¹³.—Pains in the head, especially worse in the middle of the day, and particularly for a few hours after dinner,¹³.—Headache, day and night, for three days, affecting the anterior and upper part of head; it is dull, continuous, and very confusing; not affected by rest or work,⁶¹.—Headache, as from disordered stomach,³².—Headache, with confusion, followed by general heat and copious sweat,³⁴.—Violent headache,³⁶.—Burning pain in the head,⁴⁰.—Feeling of fullness of the head,¹³.—[50.] Head full and confused, with heaviness of the forehead,¹³.—Head very full and heavy, so that she was unable to read,².—Congestion seems to rise from the abdomen to the head, with warmth of the skin and sweat,¹³.—Sticking headache, extending to the vertex (second day),¹².—Sticking twitching in the head,¹⁴.—Sensitiveness of the head; the weight of his hat gives him a headache when out walking (which had not happened previously). When he took off his hat, the headache stopped (in an hour and a half),¹.—Jerkings in the head,¹³.—**Forehead.** Pain in the forehead, with tearing extending to the right temple, where it remains for two hours as a sticking pain,¹².—Slight pain in the forehead, relieved after keeping quiet for half an hour,³¹.—Violent pains in the forehead, with throbbing tension and pressure outwards, and general confusion of the head, aggravated by taking some beer and bread,¹⁵.—[60.] Fullness and pressure in the frontal region,¹³.—Tensive

pain in the forehead, with pressure and sticking,¹³.—Pressure in the forehead,¹⁴.—Pressure in the right side of the forehead and temporal region,¹⁹.—Pressive pain in the left half of the forehead,¹⁴.—Sticking in the forehead, while walking,¹⁴.—**Temples.** Pain in the left temporal region, as if burnt with hot coals,¹¹.—Pressure in the temples,¹⁴.—Sticking in the left temple,¹⁴.—Twinging pain in the temples,¹⁴.—**Vertex.** [70.] Tearing in the head, towards the vertex,¹⁰.—**Sides.** Sticking, as from needles, in the right side of the brain, above the eye,¹².—**Occiput.** Pressive headache in the occiput,¹¹.—**External Head.** Prickling in the scalp on the vertex,¹⁴.—Crawling in the occiput,¹⁴.

Eye.—Objective. Eyes quite bright, peculiar at times,⁵⁹.—Violent inflammation of one eye,¹⁶.—Violent ophthalmia and inflammation of penis and scrotum, in consequence of inadvertently carrying the fingers (after applying the drug) to the eyes and genital organs (two cases),⁵¹.—**Subjective.** Heaviness, weakness of the eyes,¹⁹.—Violent pains in the eye (local effect),¹⁶.—[80.] Violent pains, followed by swelling of the whole eye and side of the face (from some of the oil getting into the eye),¹⁶.—Sticking in the middle of the left eye, and afterwards some indications of it in the right,¹⁴.—**Orbit.** Slight tensive pain above the right orbit, with pressure in the right side of the occiput,³².—**Lids.** Violent twitching of the eyelids,¹³.—Cramplike pain in the right eyelids, especially towards the external canthus,¹⁴.—Jerking sticking in the right external canthus, with frequent contraction and twitching of the whole eye,¹⁹.—**Lachrymal Apparatus.** Running of water from the eyes and nose,¹³.—**Copious lachrymation*,⁴⁰.—**Conjunctiva.** Inflammatory redness of the conjunctiva of the left eye,¹¹.—**Ball.** Sticking in the left eyeball,¹⁴.—**Pupil.** [90.] Pupils dilated,⁴⁰.—**Vision.** Vision impaired, with staring, glittering eyes,⁵.—Sight dim, as if there were smoke in the room,⁹.—The sight vanishes easily,¹⁹.—Sight vanishes easily, as though a veil were before the eyes,¹³.—Vision vanishes in the room, with slight vertigo,¹³.—Fog before the right eye, followed by weakness of it,¹⁴.

Ear.—Sticking beneath the left ear,¹⁴.—Dragging and twisting sensation towards the orifices of both ears,¹³.—Dull dragging pain towards the orifices of both ears,¹³.—[100.] Twinging pain in the left ear,¹⁴.—**Spasmodic twinging pains deep within the left ear*,¹¹.—**Hearing.** Roaring in the ears,¹⁶.—Roaring in the ears, and a kind of vertigo; he was unable to stand from fear of falling,¹⁶.—Hearing and sight disappeared with the nausea,².

Nose.—Objective. Increased secretion from the mucous membrane of the nose (after smelling the oil),¹⁴.—Coryza, with slight discharge from the nose, lasting some days,¹⁰.—Coryza, with slight watery discharge,¹³.—**Subjective.** Dryness of the nose and throat,¹¹.—Burning in the right nostril, obliging him to rub it (in three hours and three-quarters),¹.—[110.] Burning sensation in the nose and mouth,⁴⁰.—Drawing pains, extending through the nose to the root, and thence into the brain,¹⁹.—Constant irritation in the nose and in the conjunctiva of the eyes (from the fumes of the oil),¹⁴.

Face.—Objective. Countenance distressed,⁴⁰.—Face expressive of fatigue and debility,⁶³.—Countenance pale and rather shrunk (after three-quarters of an hour),⁶⁰.—Face pale, with sensation of coldness,¹³.—Slight jaundice color,³⁶.—Face, hands, and toes cyanotic,²².—Swelling of the face and hands (from triturating the grains in a mortar),⁴¹.—[120.] Swelling and redness of the face and eyelids, which are covered with small vesicles

(from the effluvia),⁴⁴.—**Subjective.** Increased warmth and burning in the right half of the face, starting from the corner of the mouth,¹⁴.—An illusory sensation, as though insects were creeping on the face,³².—**Lips.** Lips swell and become quite sore (external application), (1 or 2 drops),⁵⁷.—Lips dry, cracked,¹¹.—Lips dry and tense, in the evening,¹⁴.—Burning in the angle of the mouth, with slight swelling on the outer border, lasting several days,¹⁴.—Tension in the corner of the mouth,¹⁴.

Mouth.—Teeth. Drawing in the right lower eye-tooth,¹⁴.—Sore pain in the left molar of the lower jaw on chewing,¹⁴.—**Gums.** [130.] Painful swelling of the gum of the inner side of the right upper jaw,¹¹.—Gum bleeds easily in the morning while washing,¹⁴.—**Tongue.** Tongue white, showing impress of teeth (one case), (after eighteen hours),⁵⁵.—Tongue coated white,^{13 26}.—Tongue red, smooth, glistening, and dry in centre (second day),⁶⁰.—Tongue furred and dry (second day),⁵⁸.—An eruption plainly visible at the root of the tongue, on the soft palate, and on the posterior wall of the pharynx (third day),⁵⁴.—Swelling and numbness of the tongue,⁴⁰.—Burning and sensation of contraction at the tongue and pharynx (during twenty-four hours),⁴¹.—Sensation of peppery heat, at first not very marked, but gradually increasing, successively felt on the palate, uvula, isthmus faucium, pharynx, tongue, and lips (after a few seconds),⁶³.—[140.] He stated that his tongue felt too large for his mouth, and appeared to be without feeling, and he had bitten it two or three times to ascertain whether there was any sensation in it. On examination, however, no change could be observed in the size or appearance of the tongue or parts about the mouth,⁴⁰.—Tickling painful sensation in the tip of the tongue,¹³.—Feeling as though the tip of the tongue were electrically sensitive, with a sweetish bitter taste,¹⁹.—**General Mouth.** Inflammation of the mouth, lips, and pharynx,²³.—Swelling of the palate for several days,²⁶.—Some vesicles in the mouth on the hard palate,³².—Some pustules in mouth (with return of burning in mouth and throat), (one case), (after eighteen hours),⁵⁵.—Dryness of the mouth,²⁶.—Dryness of the mouth, without thirst (in half an hour),¹.—Dryness in the mouth, with scraping sensation in the throat,¹¹.—[150.] Complains of his mouth being parched,⁴⁰.—Burning in mouth and throat (after one hour),⁵⁵.—Burning sensation in mouth and pharynx,⁵⁹.—Mouth feels as if burnt,²⁶.—Burning scraping in the mouth and throat, extending low down into the œsophagus, not relieved as formerly by cold water, lasting over two hours (soon),³⁰.—**Saliva.** Increased secretion of saliva,^{13 14}; (after one hour),⁶²; (after four hours),¹.—Profuse salivation, soon,³⁶.—Profuse secretion of saliva and mucus,¹³.—Collection of water in the mouth,⁹.—**Taste.** Taste at first agreeable, like chocolate; but soon followed by the peculiar burning (effects of the roasted seed),²⁶.—[160.] Taste at first sweetish, afterwards extremely bitter and burning; the scraping-burning taste was coincident with increased warmth and accumulation of saliva,²⁶.—Acrid burning taste in mouth and throat (1 or 2 drops),⁵⁷.—Taste sometimes burning, sometimes scraping (from a drop of the oil),⁴⁶.—Taste flat,²⁶.—Nauseous, flat taste,¹³.—Taste pasty,¹³.—Bad taste (immediately)⁵⁴; (second day),⁵⁸.—Sharp sour taste rising up from the stomach,¹¹.—The burning sensation has risen above the entrance of œsophagus, and is accompanied by a remarkably acrid taste in the back of the mouth, like pimento (after one hour),⁸².—Somewhat bitter taste in the mouth (immediately),⁹.—[170.] Taste as after almonds,¹⁴.—Water tastes flat and nauseous, and causes a feeling of emptiness; he drinks very little on account of a severe burning in the throat,¹³.

Throat.—Objective. Redness and smarting of the throat (third day),⁵⁴.—Throat red and sore (second day),⁶⁰.—Hawking of mucus, which has a sour taste, like vinegar,¹².—**Subjective.** Dryness in the throat, with sense of increased irritation of the pharynx, during inspiration, almost like a slight pharyngeal angina (in twenty-four hours),¹.—Throat dry.—Sensation as though a morsel were in the throat, which he was unable to swallow,¹⁴.—Pain in throat (soon),⁶⁰.—Burning in the throat,¹¹; (immediately),⁵⁴.—[180.] Burning in the throat and stomach,²².—Burning in the throat, as if he had eaten pepper,¹².—Burning and contraction of the throat and tongue,³⁷.—Constant burning and contraction of the throat,²⁴.—Sensitive burning and scraping in the throat,¹³.—Burning pain in the throat,⁴⁰.—Intense burning sensation in the throat, and all down the œsophagus (after half an hour),⁵⁸.—Feeling of warmth in the throat, and along the œsophagus, sometimes extending to the pit of the stomach and lasting several minutes (immediately),²¹.—Complaints that his throat was swelling,⁴⁰.—Scraping in the throat,¹⁰.—[190.] Scraping in the throat, lasting six hours,⁹.—Scraping in the throat, causing frequent hawking,¹¹.—Scraping at the throat, worse during an expiration,⁴⁶.—Scraping in the throat, followed by burning in the chest,⁶.—Slight scraping in the throat, with sensation of warmth in the back of the mouth, lasting half an hour, disappearing after cold water (soon),³⁰.—Burning scraping in the throat and fauces,¹³.—Rawness in the throat,⁹.—Intolerably acrid sensation in the throat and all down the œsophagus,⁵².—Jerking and shooting through the throat,¹³.—Scraping tingling in the throat,⁶.—[200.] Tickling followed by scraping and then burning, at the point where the hard and soft palates unite (soon),¹⁴.—**Uvula and Tonsils.** Redness and elongation of the uvula,¹⁴.—Swelling of the tonsils, painful to external pressure,¹¹.—Titillation in the right tonsil (in a quarter of an hour),¹.—**Fauces, Pharynx, and Œsophagus.** Increased warmth in the fauces,¹⁴.—Burning in the fauces; relieved on inspiration; aggravated by expiration,¹⁴.—Scraping in the fauces, followed by burning, and afterwards tickling in the larynx,¹⁴.—Feeling of warmth along the pharynx and œsophagus, extending to the pit of the stomach, lasting several minutes (soon),³⁴.—Burning in the pharynx and bowels (from the effluvia),⁴⁴.—Burning in the pharynx (again on the second day), allayed a little by drinking water,¹.—[210.] Acrid sensation in pharynx,⁵⁴.—Severe pain in the œsophagus (soon),⁵³.—Burning extending up the œsophagus,¹⁴; (after three-quarters of an hour),⁶².—Prickling at the entrance of the œsophagus (while swallowing the dose),⁵³.—Frequent inclination to swallow, which always causes pain on the left side of the œsophagus, as though a small ball were being pressed through its wall,³⁰.—Constant irresistible inclination to swallow saliva, with a sensitive pain deep in the œsophagus, as if a small ball were being pressed out of the left side, lasting half an hour, relieved after cold water,³⁰.—**Swallowing.** Difficult swallowing,²⁶.—**External Throat.** Swelling of the submaxillary glands, painful to touch,¹¹.

Stomach.—Appetite. Very great appetite, after the pains had entirely ceased,⁶².—Hunger, without appetite,³².—Unnatural hunger, with emptiness of the stomach,³².—Appetite diminished,¹¹.—[220.] Appetite and thirst very slight,¹¹.—Loss of appetite,^{9 12 40}.—Loss of all appetite,^{27 46}.—Little appetite at lunch, with feeling of repletion after eating very little (after six hours),¹.—Loathing of his usual breakfast, soup à l'eau (in eleven hours),¹.—Although without appetite, and even with a feeling of fulness, he eats his usual allowance at lunchtime (after five hours),¹.—**Thirst.** Consid-

erable thirst (second day),⁵⁸.—Thirst intense,⁶⁰; (after one hour),⁸².—Aversion to beer,¹¹.—**Eructation and Hiccough.** Eructations,^{9, 32}; (after one, two, and four hours),¹.—[230.] Eructations of water in her mouth,⁴.—Eructations, nausea, and weakness,¹⁴.—Constant eructations of water from the stomach,⁹.—Empty eructations,^{11, 32}.—Empty eructations, especially in the afternoon,³².—Empty eructations followed by nausea,⁹.—Acrid and burning eructations,⁶².—Watery eructations,¹².—Bilious eructations, in the evening,¹⁴.—Hiccough, yawning,³².—**Heartburn.** [240.] Heartburn,¹⁴.—Heartburn, with some nausea; after dinner,³².—**Nausea and Vomiting.** Nausea,^{3, 8}; (after one hour),¹², etc.—Nausea and vertigo, increased in the open air,⁴.—Nausea with collection of sour water in the mouth,¹².—Nausea and eructations,²⁶.—Nausea and eructations after every drink,²⁷.—Nausea and desire to vomit (after half an hour),⁹.—Nausea, with inclination to vomit, after taking some milk,¹³.—Nausea and vomiting (larger doses),⁵⁷.—[250.] At times nausea, seldom vomiting; the latter especially in women,²¹.—Constant nausea, with accumulation of water and saliva in the mouth, with slight chilliness,¹³.—Unusual nausea,¹³.—Sleep sound until midnight, after which it was disturbed by much nausea, followed by sudden vomiting of a sour, exceedingly strong-smelling fluid in rather large quantity; after the vomiting, diarrhoea, with a feeling as though a fluid were swashing about in the abdomen,¹¹.—Great nausea,².—Great nausea, as if to vomit,⁷.—Insufferable nausea, with inflation of the bowels and borborygmi in the epigastric region (in three hours and a half),¹.—Continual inclination to vomit, which he tries to restrain (in half an hour),¹.—Retching, with vomiting of food and some water,⁹.—Frequent retching, with accumulation of water in the mouth,¹³.—[260.] Violent retching and vomiting, with rumbling in the abdomen and diarrhoea,³⁹.—Violent retching with very difficult vomiting of yellowish water, of an oily smell, and sweetish-bitter, oily taste (after one hour and a half),¹³.—He was obliged to lean against the washstand with all possible force in order to resist the spasmodic retching,¹³.—Vomiting (one case),⁵².—Vomiting followed by diarrhoea,²².—Vomiting, borborygmi, and diarrhoea, twenty-four times in succession,⁴¹.—Severe vomiting (after five minutes),⁶⁰.—Severe vomiting (after five minutes) of matter containing numerous streaks of a white, shiny, emulsion-like substance, mixed with clear, glairy fluid (after three-quarters of an hour),⁶⁰.—Violent and very copious vomiting, for three-quarters of an hour (soon),⁵³.—Sudden violent vomiting, frequently repeated, of whitish-yellow, frothy liquid; with most violent contractions of the stomach,¹³.—[270.] Vomiting of light and glairy matter (one case), (after eighteen hours),⁵⁵.—Vomiting of a very large quantity of sour, strongly smelling fluid,¹¹.—Vomiting of some water, mucus, and food, with constant nausea, after eating,⁹.—Vomiting of mucus with a bitter taste,².—Vomiting of bile,⁹.—**Stomach.** Gastro-enteritis (excessive doses),⁵⁷.—Rumbling in the stomach, with heaviness on the chest,¹³.—Anxiety, oppression, and pressure in the epigastric region, with great nausea,¹³.—Feeling of warmth and burning in the pit of the stomach,⁹.—**Sensation of emptiness in the stomach* (after one hour),³⁰.—[280.] **An unpleasant sensation of emptiness and hunger, and rumbling in the abdomen* (after half an hour),³².—Empty, hungry sensation,³².—Very empty feeling in the stomach before eating,¹¹.—**Sinking in the stomach, with sensation of weakness* (after two hours),³².—Stomach feels relaxed and is painful to pressure,¹³.—Epigastric pain for several days,⁴⁰.—Severe pain in the epigastrium (two cases),⁵².—After vomiting had continued for a quarter of an hour, she began to complain of severe pain in

stomach, not aggravated, however, by pressure,⁵⁸.—Burning in the stomach,⁴.—Burning as from coals in the stomach,⁴.—[290.] Burning and feeling of repletion at the stomach (after ten minutes),¹.—Burning pain at the stomach,⁴⁰.—Epigastrium felt hot and tense,⁴⁰.—Fulness and oppression of the stomach at midnight, followed by nausea, and afterwards by easy vomiting of the food eaten at supper; then by sweat of the face and comfortable feeling; after half an hour repeated vomiting of the contents of the stomach, which were somewhat bitter; after which he slept well until morning,¹⁴.—Feeling of fulness in the stomach,¹³.—Feeling of repletion at the stomach, which impedes respiration (in three-quarters of an hour),¹.—Tension in the epigastric region,³⁴.—Constriction in the stomach,¹³.—Some constriction in the upper part of the stomach,⁸.—Cramp in the stomach and upper abdomen,¹³.—[300.] Pressure in the stomach,¹⁴; (after a quarter of an hour),¹.—Pressure in the epigastric region,¹³.—Pressure in the pit of the stomach,^{9 13 19}.—Pressure in the stomach, in the forenoon,³⁰.—Pressure in the stomach, with anxiety,¹³.—Pressure in the epigastric region, and a feeling of fulness,²⁰.—Pressure and fulness in the region of the stomach and chest,¹³.—Pressure and constriction in the epigastric region,¹³.—Pressure at the stomach, which changes into nausea, with accumulation of saliva in the mouth (after a quarter of an hour),¹.—Pressure in the stomach, with discomfort of the abdomen,¹⁴.—[310.] Pressure in the stomach, with tickling sensation, qualmishness, and slight spasmodic motions, as though one would vomit,¹⁹.—Pressure in the pit of the stomach, transient,³².—Some pressure in the stomach,¹².—Sense of weight and heat in the epigastrium, such as is felt after drinking strong spirits (after fifteen minutes); the heat seems to radiate in every direction, from one spot; it is confined to the stomach, and is unpleasant, but not painful (after twenty-five minutes); it becomes a burning and extends to the cardia (after half an hour); it is relieved for a minute or two by a glass of barley-water,⁶².—Cuttings in the stomach, afterwards below the stomach, and followed by tearing in the intestines of the right side near the ileum,¹².—Cutting pains beneath the stomach,¹².—Violent colic in the stomach and abdomen,²⁷.—Scraping in the stomach, followed by slight nausea,⁶.—Burning scraping extending down into the stomach and along the intestinal tract,³⁰.—Sensitiveness of the epigastric region to touch,¹⁴.

Abdomen.—**Hypochondria.** [320.] Pressive pain in the left hypochondria (after nine hours),¹.—Pressure in the region of the spleen,¹².—Sticking in the spleen, in the evening,¹⁴.—Throbbing in the region of the spleen,³².—**Umbilical.** Painful movements about the umbilicus, with increased pain on touch or pressure,¹³.—Dull vermicular movements, with slight gurgling about the umbilicus,¹³.—Tension between the umbilicus and pit of the stomach,¹⁴.—Tension and movement about the navel, with pressure towards the anus, while lying down,¹³.—**Gripping about the umbilicus*,⁹.—Gripping and pinching pains in the abdomen, about the umbilicus, extending to the left side of the bowels,¹⁹.—[330.] Violent, dull, spasmodic pain seated in the umbilical region, more violent while sitting with the abdomen bent over than when erect or when walking,¹³.—Pressure, with twinging, above the umbilicus,¹⁴.—Cutting about the navel, as though two knives were cutting towards each other in the intestines, relieved by two evacuations; after which a watery stool follows, without any disturbance,⁵.—Cutting pains about the umbilicus,¹².—Sticking to the left of the navel,¹⁴.—Tearings about the navel, after dinner,⁹.—Pains about the umbilicus, as though the intestines were twisting, followed by tearing in the left side of the abdomen

(after one hour),¹².—Twinging and tension in the umbilicus, on going out, with pressing upward to the epigastric region, and sudden nausea,¹³.—Colic-like pains about the umbilicus,¹⁴.—Colic, so that she could scarcely get her breath; the cutting pain seemed to be about the navel, extending up to the stomach, and caused her to bend double; thence it extended to the left side of the abdomen,¹².—[340.] Very transient colic below the navel, in the evening, with distended abdomen, followed by urging to stool,¹⁴.—**General Abdomen.** Fulness, tension, and rumbling in the abdomen,¹³.—Flatulent distension of the abdomen, with sensation of heaviness in it,³⁰.—Abdomen full, with tension of the parietes,¹³.—**Abdomen full and distended, with griping above the navel,*¹⁰.—An audible and but slightly felt disturbance of the bowels (after a few minutes), followed by liquid evacuations (after twenty minutes); during the six or eight hours that the effect continued, he had fifteen very copious stools,⁶³.—Movements in the intestines become perceptible, accompanied by slight griping pains,³³.—**Gurgling in the intestines, as though only water were in them, mostly on the left side,*¹².—Rumbling in the abdomen,³⁴; (after five minutes),³².—**Rumbling and gurgling in the abdomen,*¹³.—[350.] Rumbling in the intestines,¹³.—Rumbling in the intestines, on the left side,¹³.—Rumbling and loud noises in the intestines (after half an hour),²⁹.—Rumbling in the intestines, and emission of offensive flatus, on rising and while rising,¹³.—Borborygmi (after three-quarters of an hour to one hour),²¹.—Borborygmi in the bowels, and several eructations (in an hour and a half),¹.—Flatulence,³².—Flatulence, with slight but frequently recurring coliclike pains,³⁰.—**Flatulence, soon followed by urgent desire for stool; evacuation sudden, with flatulence; stool thin, small* (second day),²⁹.—Much flatulence,¹³.—[360.] Passage of much flatus, in the evening,³².—Easy emission of flatulence, while walking; indication of speedy stool,¹³.—Emission of offensive flatus,¹³.—Frequent emission of offensive flatus,¹⁴.—Frequent passage of offensive flatus,³⁰.—Constant desire to pass flatus, which, however, was emitted suddenly,¹³.—Very urgent desire to pass flatus, while sitting,¹³.—Movings, rumblings, and gurglings, with painfulness to touch on the navel,¹³.—Slight movements and retractions, with dragging pains in the upper abdomen and umbilical region, followed by stool,¹³.—Uneasiness, griping, and twinging in the abdomen,⁸.—[370.] Unpleasant sensation in the intestines, with rumbling in the abdomen, lasting half an hour (after one hour),³⁰.—Sensation as though diarrhœa would occur (after four days),³².—An unpleasant feeling in the abdomen, as though diarrhœa would occur,³².—Heaviness and confusion of the whole abdomen, with retracted parietes,¹³.—Feeling of heaviness in the upper abdomen,³⁴.—Pains in the abdomen,²².—Pains in the abdomen, relieved an hour after eating some gruel,¹³.—Pains in the abdomen, with passage of much offensive flatus, in the morning, after rising,³¹.—Pains in the walls of the abdomen, especially deep, so violent that slight pressure or deep inspiration made it intolerable,³⁶.—Pain in bowels (with the nausea), (one case),⁵².—[380.] Feeling of fulness in the abdomen, with slight griping,¹³.—Feeling of fulness in the abdomen, with rumbling and slight colic,²⁰.—Violent annoying tension and distension of the whole abdomen, with urging to stool, tenesmus, and emission of offensive flatus from the anus; these symptoms are worse while sitting than while walking or standing,¹³.—She seemed to feel distinctly the medicine work downward into the cœcum, and cause a contraction; as it approached the umbilicus, it caused some twinging,⁶.—Griping in the transverse colon, repeated before every stool,⁴.—Griping and gurgling, with feeling of fulness in the abdomen, and pressure towards the

anus,¹³.—Slight griping after dinner, transient,³¹.—Griping-pains in the upper abdomen,^{13,14}.—Slight griping pains in the intestines, especially aggravated by touch,¹³.—Violent griping pains, with rumbling and gurgling in the upper abdomen, soon followed by emission of offensive flatus,¹³.—[390.] Dragging spasmodic pains in the upper abdomen, especially while sitting, followed by tensive pain,¹³.—Cutting in the bowels, followed by stool,¹².—Cutting pains, tenesmus, and alvine evacuation, at first pultaceous, then liquid, mingled with mucus and bile (after two hours), then three more diarrhœic stools of a greenish-yellow,¹.—Cutting pains in the intestines and about the umbilicus,¹².—Cutting pains in the bowels, with emission of fetid flatulence (after twelve hours),¹.—Sticking in the cœcum,¹⁴.—Tearing in the abdomen, while eating,⁹.—Tearing in the transverse colon,⁹.—Twinging and cutting pains, mostly in the colon,⁹.—Frequent twinging pain in the abdomen,¹⁴.—[400.] Spasmodic twinging pains in the abdomen and about the umbilicus, while walking,¹³.—Coliclike pains, with rumbling in the abdomen, and feeling as if diarrhœa would come on, lasting half an hour, and disappearing after passage of flatus (second day),²⁹.—Violent colicky pains and passage of loud offensive flatus (after six hours),²⁹.—Pressive coliclike pains in the abdomen,¹³.—Colic (after one hour),⁶².—Colic, generally,²¹.—Colic, after eating,¹⁴.—Colic and tenesmus,⁴⁶.—Slight colic,²⁵.—Violent colic, after eating, and while walking,¹⁴.—[410.] Griping colic, with pressure towards the anus,¹³.—Slight griping colic, with dragging towards the anus,¹³.—Flatulent colic, in the evening,¹⁴.—Flatulent colic, disturbing sleep; the colic lasted about half an hour, and was relieved after the passage of much noisy flatus (after six hours),²⁹.—Slight tenderness of abdomen, but none of epigastrium (one case), (after eighteen hours),⁵⁵.—Painful sensitiveness of the abdomen, especially felt on pressing upon it,¹³.—Soreness in the abdomen on coughing,¹⁴.—Whole abdomen sore and easily painful,¹³.—*Swashing in the intestines, as from water (second day),¹².—Swashing, rumbling, and griping in the intestines,¹³.—[420.] *Feeling as though fluid were swashing in the abdomen,¹¹.—**Hypogastrium and Iliac Region.** Very severe pain in lower part of bowels; not increased by pressure (after two hours),⁵⁶.—Pressive pain in the lower abdomen and bladder,³².—An undefined pain in the left inguinal region,¹⁴.—Tensive pain in both inguinal regions,¹³.—Pressive pain above the posterior superior spine of the left ilium,⁵².

Rectum and Anus.—**Rectum.** Feeling within the rectum, as though purging would follow,¹³.—**Anus.** Swelling and burning extending to the anus,²³.—*Upon pressing upon the umbilicus, a painful sensation is felt down to the anus, where there is constant pressing outward,¹³.—Burning about the anus, so that he was scarcely able to sit,¹⁴.—[430.] Burning and itching in the anus,¹³.—Feeling of constriction, with, at times, stitches in the anus, on walking,¹¹.—*Dragging to the anus, as if diarrhœa would easily ensue,¹³.—*Pain in the anus, as if a plug were sticking in it, and forcing outward,¹³.—Sore pain, with burning in the anus, after moving about,¹⁴.—Stool, followed by very painful sore sensation within the anus, with feeling as though the rectum was swollen and would protrude, with constant desire for another evacuation; compression of the abdomen and pressure towards the intestines, causing pain extending into the genitals and ending in the glans penis as a sticking, so that, on account of the pain, he became very anxious and oppressed, and was obliged to keep as quiet as possible; accompanied by sweat upon the forehead and nausea, with vanishing of sight and hearing; the pain was more violent when the body was

bent over than when sitting, riding, or walking, which latter he was scarcely able to do on account of a very sore pain on the outer portion of the anus; the pain was gradually relieved by rest, when the anus seemed to return and become contracted; this latter was followed by general prostration, ill-humor and loss of appetite,¹³.—Scraping in the anus, immediately after a stool,¹⁴.—Pulsating, sticking, and burning in the anus,¹⁵.—Itching at the anus (after twelve hours),¹.—Itching at the anus, obliging him to rub,³⁰.—**Urging.** [440.] Urging to stool, in the morning, in bed; on rising, a stool, rather soft, light-brown, followed by a very sore sensation in the anus,¹³.—Urging to stool, with fulness in the abdomen and apparent fulness of the rectum; the stool was scanty and difficult to pass,¹³.—Urging and tenesmus while sitting at stool, with, however, passage of very little thin stool of a green-brown color, evacuated at three times and very forcibly as if shot out of the rectum,¹³.—Great urging and pressing towards the rectum,¹³.—Great urging to stool, the evacuation accompanied by griping, spasmodic pains in the abdomen; stool rather soft, dark-brown, offensive,¹³.—Immediate urging to stool on returning to the house,¹³.—Sudden urging to stool; he was unable to reach the closet, nevertheless was obliged to sit a long time,⁸.—Frequent urging to stool without result (third day); the usual stool followed on the fourth day with some colic, succeeded by slight pains in the rectum,¹³.—*Constant urging to stool, followed by sudden pasty evacuation, which is shot out of the rectum, of a dirty-green color and offensive,¹³.—Soon after luncheon, tenesmus and scanty evacuation, mixed with mucus (in five hours and a half),¹.

Stool.—**Diarrhœa.** [450.] Diarrhœa,²⁴.—Diarrhœa, with urging,³².—Hypercatharsis (larger doses),⁵⁷.—Free action of the bowels (repeatedly induced by putting two or three drops upon a surface denuded of its epidermis by a blister), (Rayer),⁵¹.—Violent purging, with great pain in bowels (after eight minutes), passages being without pain and apparently involuntary; the fœces had numerous streaks of a white, shiny, emulsion-like substance mixed with a large quantity of clear glairy fluid (after three-quarters of an hour),⁶⁰.—Recurrence of purging, after the first attack had been relieved (one case), (after eighteen hours),⁵⁵.—Numerous evacuations, the first flocculent, the others yellow and green,⁷.—Very frequent stools (two cases),⁵².—Twelve diarrhœic stools, without colic (second day),⁵⁴.—Bowels were opened freely (after one hour and a half), and at intervals for the ensuing thirty hours; in all, some thirteen movements,⁵⁸.—[460.] Stool at first nodular, mixed with many white points, the second containing many white long (3") worms as large as threads; the remaining nine evacuations offensive and bilious, or slimy and at last watery,⁶.—Ten copious, mucous stools, with some colic, but without tenesmus (after one hour),⁶².—Five stools, with profuse sweat, especially on the forehead,⁴¹.—Five soft, slimy evacuations, without griping, with some tenesmus,²⁵.—Four forcible evacuations,⁴¹.—Three watery stools (second day),¹².—Acts upon bowels as a drastic purgative, causing three or four copious watery evacuations (1 or 2 drops), (after one or two hours),⁵⁷.—Bowels very freely opened, twice (after one and two hours),⁵⁸.—Two rather scanty diarrhœic stools,⁵³.—Two dirty-yellow, mealy stools,¹¹.—[470.] The usual stool in the morning was followed by a second, after three hours,¹³.—Solid stool (soon), followed by a liquid stool with slight borborygmi and slight colic, in the epigastric region and hypochondrium; a third stool, also liquid (after two hours and a half); a fourth stool (liquid), (after three hours and a half); and a fifth stool, also liquid (after six hours and a half),⁴⁰.—*A pasty light-brown stool covered

with mucus, with frequent urging, followed by rumbling and gurgling in the left side of the abdomen; after another hour, a second, very soft, pasty, mucous, and urgent stool, of a grayish-green and dirty-brown color, which is evacuated forcibly,¹³.—Soft stools, without tenesmus, and without heat in the anus,²¹.—Watery stools, in the afternoon (second day),¹².—Stools exceedingly large,³³.—Profuse stool, with rumbling in the abdomen,³².—Stool diarrhoea-like, light-yellow, accompanied by sweat, crawling in the occiput, pressure upon the larynx, especially the left side,¹⁴.—Soft stool,¹³.—Pasty stool, with burning in the anus,¹⁰.—[480.] A thin stool every day at the accustomed time,³⁰.—Thin stool, with scratching on the posterior left wall of the anus,¹⁴.—Thin stool, with passage of flatus, in the afternoon; in the evening, urging to stool reappears, but without result,³².—*Stool very thin, like yellowish water, forcibly evacuated,²¹.—Thin liquid stool, with passage of flatus (second morning),²⁹.—*Watery, painless stool (after three hours and a half),⁶².—Slimy stool, with tenesmus,¹².—Stool with some rumbling and colicky pains in the epigastric and hypochondriac regions,²⁷.—Stool at first fecal, afterwards watery, with slight sticking pain in the abdomen,³.—**Constipation.** [490.] Constipation (second day),⁴⁶.—Constipation followed after some days,²⁷.—Constipation (absence of the usual daily evacuations), and, at length, in seven hours, a scanty evacuation, caused by the efforts of the abdominal muscles, unaided by the peristaltic action of the bowels,¹.—The usual morning stool did not occur, but in the evening an unsatisfactory soft stool passed slowly and sluggishly (third day),²⁹.—Stool crumbly, solid, passed with exertion,¹³.—Stool tenacious,¹¹.

Urinary Organs.—Urethra. Burning in the urethra, while urinating,¹⁴.—Micturition caused burning in the urethra,¹¹.—Urging to urinate,¹⁴.—**Micturition.** Frequent micturition,^{13 14}.—[500.] Micturition nearly every half hour,¹¹.—Increased secretion of urine,¹¹.—Increased secretion of urine, which was turbid and cloudy,²⁶.—Great increase of urine,¹⁵.—Urine greatly increased in quantity,³³.—Passage of much yellow urine,¹⁴.—Profuse secretion of urine,^{10 19}.—Profuse micturition, at least equal to the amount of drink,¹⁴.—**Urine.** Urine pale, frothy,¹³.—Urine pale, depositing a white sediment,¹⁴.—[510.] Urine standing over night is pale orange-yellow, with a slight turbid sediment, which is at first somewhat flocculent,¹³.—Urine which had stood through the night looked almost blood-red, and had deposited a thick mucous sediment,¹¹.—Urine, at night and in the morning, dark fiery red, depositing a very flocculent, turbid sediment, with some clearer substances; the surface covered with an oily pellicle,¹³.—Foaming urine, in the morning,¹⁴.—Turbid urine,³⁶.—Urine burning, soon becoming turbid, and depositing a copious brown sediment,³⁰.—The urine has a cloudy deposit, which, however, gradually disappears, and after twenty-four hours brownish crystals form, which seem to float where the clouds have been, and adhere to the walls of the glass,¹⁴.

Sexual Organs.—Male. The inner surface of the prepuce is slightly inflamed and irritable, with some secretion,³².—Constant painful erections,¹³.—No erection in the morning during the proving, contrary to custom,³⁰.—[520.] Burning in the glans penis, while urinating,¹⁴.—Burning in the glans penis on urinating, immediately followed by renewed desire to urinate,¹⁴.—Painful sensitiveness of the penis, with redness of the glans, and stitches in the urethra,¹³.—*Frequent corrosive itching on the glans penis and on the scrotum,³⁰.—*Scrotum shrivelled, with severe itching, especially disturbing the sleep; relieved by scratching, which, however, caused a voluptuous sensation; this itching was troublesome for several days,³¹.—*Cor-

rosive itching pain on the scrotum, *lasting all day, worse while walking; there was no eruption, only redness of the part* (third day),²⁹.—Left testicle retracted, the right relaxed,¹⁴.—Drawing in the left spermatic cord hindering walking,¹⁴.—**Female.** Menstruation, scanty (after fourteen days),³.

Respiratory Organs.—Larynx, Trachea, and Bronchi. Laryngeal catarrh,³².—[530.] Collection of mucus in the larynx, which rattles somewhat, in the evening,¹⁴.—Accumulation of mucus in the larynx,¹³.—Accumulation of mucus in the larynx, with tickling and irritation,¹³.—Constant collection of mucus in the bronchials, which he is unable to remove,¹⁴.—Frequent hawking, cough, and irritation to cough,¹⁴.—Pressure in the larynx, especially the left side, with the stool,¹⁴.—Provocation to cough, with accumulation of mucus in the trachea,³².—**Voice.** Speech low,¹³.—Voice hollow; he is obliged to hawk constantly,¹⁴.—Voice rather hollow than hoarse, as though he had a severe cold,¹⁴.—[540.] Voice husky (second day),⁶⁰.—Voice hoarse and rough,¹⁴.—**Cough and Expectoration.** Cough in the evening, with white mucous expectoration and oppression of the chest,¹⁴.—Cough with difficult yellowish expectoration; spitting of blood, after which the yellowish expectoration continued a long time,³⁶.—Frequent cough, in the morning, with expectoration,¹⁴.—Constant cough,¹³.—Expectoration of much tenacious mucus, which tastes sour,¹¹.—**Respiration.** Breathing short and hurried,⁴⁰.—Respiration slow and powerless,⁵⁹.—Respiration, 12,²².—[550.] Oppressed respiration,¹³.—Respiration impeded and painful,³⁶.—Anxious, oppressed, difficult respiration,¹³.—Respiration difficult, with constriction of the chest,¹³.—***Sensation as though he could not get air enough into the air-cells, and could not perfectly expand the lungs,**¹⁴.—***On inspiration, it seems as though he could not expand the lungs,**¹⁴.—Difficult breathing,³⁴.—Very short breath after the stools,¹⁴.—Respiration through the nose stopped,¹³.—Dyspnœa, aggravated by going upstairs,¹⁴.

Chest.—[560.] Feeling of hollowness in the chest,¹⁴.—Peculiar discomfort in the chest and abdomen,²⁷.—Peculiar malaise in the chest and abdomen, which forces him to yawn and stretch,⁴⁶.—Feeling as though there was mucus in the lungs, which could not be removed by hawking, together with difficult breathing, and slight whistling, on deep inspiration and expiration,¹⁴.—Pains in the chest,³⁶.—Fulness of the chest, somewhat impeding respiration,¹³.—Fulness, pressure, and burning in both thoracic cavities,¹³.—***Feeling of fulness in both thoracic cavities, with burning stitches in the left thorax, and towards both scapulae,**¹³.—Tightness at the chest,⁴⁰.—Pressure, deep within, at the middle of the chest,¹⁴.—[570.] Oppression of the chest,¹⁴ ²⁰.—Oppression of the chest, in the evening,¹⁴.—Oppression of the chest on deep inspiration,¹⁴.—Oppression and anxiety,¹³.—Severe oppression of the chest, in the evening,¹⁴.—Stitches in the left thorax,¹³.—Tearing along the edges of the ribs, extending backward and down to the small of the back,².—Painfulness of the chest to touch,¹⁴.—Sudden throbbing in the region of the aorta,¹⁴.—**Front.** Transient pressure over the sternum (after seven hours),¹.—**Sides.** [580.] Pressive pain in the left chest, and left hypochondrium (after ten hours),¹.—Pressive pain in the left chest, with feeling of oppression (after twelve hours),¹.—Sticking in the left half of the chest,¹⁴.—Sticking in the right lower third of the chest, during inspiration,¹⁴.—Violent stitches through the middle of the left side of the chest, in the afternoon,¹⁴.—Throbbing in the posterior portion of the right thoracic cavity,¹⁴.—Frequent throbbing-bubbling in the lower right side of the chest,

between the sixth and seventh ribs; next day, very frequent throbbing and pulsating in the same region,¹⁴.

Heart and Pulse.—*Præcordium.* Very perceptible pulsation and throbbing of the heart,¹³.—Sticking in the præcordial region on expiration, repeated after one hour,¹⁴.—Frequent sticking in the præcordial region,¹⁴.—[590.] Some jerkings in the left side of the heart,¹⁰.—**Heart's Action.** Palpitation of the heart in the afternoon,¹⁴.—Palpitation after dinner, especially when lying down,¹⁴.—Violent palpitation,²⁴.—**Pulse.** Accelerated pulse,²⁰.—Pulse rapid and weak (soon),²⁷.—Pulse small and rapid (after three-quarters of an hour),⁶⁰.—Pulse small, rather rapid,¹³.—Frequent and weak pulse,⁴⁶.—Pulse so weak and quick that it could not be counted (after three hours),⁶⁰.—[600.] Pulse 108, very feeble,⁵⁹.—Pulse 120 (after one hour and three-quarters),⁶⁰.—Pulse 150, and very weak (after two hours and three-quarters),⁶⁰.—Pulse small, weak, 64,²².—Pulse full,¹³.—Feeble pulse (one case), (after eighteen hours),⁵⁵.—Pulse weak and small,³³.—Small, contracted pulse (after four hours),¹.—Pulse at first weak and small, becoming stronger and fuller than usual,³³.

Neck and Back.—**Neck.** Pain in the muscles of the left side of the nape, on nodding the head (after four hours),³⁰.—[610.] Fulness extending up to the neck from the abdomen, with pressure in the pharynx,¹⁴.—Pressure in the right side of the neck,¹³.—Pressure and drawing in the cervical vertebræ,¹⁴.—Sticking between the nape and occiput,¹⁴.—**Back.** Violent pains in the back and the lumbar region, in the space between the lumbar vertebræ, false ribs, and ilium,³⁶.—**Lumbar.** Warmth starting from the lumbar vertebræ,¹⁴.—Pains in the small of the back,³⁶.—Violent sticking in the region of the left kidney, in the afternoon, taking away the breath,¹⁴.—Stitches in the left renal region (after four and a half hours),¹.

Extremities in General.—Trembling of the hands and feet,¹¹.—[620.] *Weakness of the arms and legs* (from the effluvia),⁴⁴.—Pains in the limbs,³⁴.

Superior Extremities.—Heaviness and weariness of both arms,¹³.—Tearing in the right arm, extending to the upper arm, afterwards down to the fingers,¹².—**Shoulder.** Pressive pain in the right shoulder-joint,¹⁴.—Sticking in the left shoulder-joint,¹⁴.—Tearing in the right shoulder,¹².—**Arms.** Heaviness of the upper arm, which is easily fatigued,²⁰.—Heavy tense sensation in both upper arms,¹³.—Pain on the inner side of the left upper arm,³².—[630.] A rheumatic pain in the left upper arm, waking him from sleep, disappearing during the day,³².—Tension, weary pain, in both upper arms,¹³.—Tension and pressure in the right upper arm, with sensation of weariness extending to the hand,¹³.—Tearing in the right upper arm, and afterward in the right shoulder-joint,¹⁴.—Sudden tearing pain in the left upper arm, especially in the deltoid muscle, lasting two hours (after four hours),³².—**Elbow.** Boring pain in the left elbow at noon,¹⁴.—**Fore-arm.** Drawings in the right forearm,¹⁴.—Tearing in the left forearm,¹⁴.—**Wrist.** Drawing above the right wrist; in the evening,¹⁴.—**Fingers.** Drawings and tearings in the left middle finger,¹⁴.—[640.] Tearing pain in the finger-joints of the right hand, lasting several hours,³⁰.

Inferior Extremities.—Weariness and exhaustion in the lower extremities,¹³.—Prostrated and exhausted feeling in the legs,¹³.—**Hip.** Tensive pain in the left hip-joint, which makes it difficult to rise from the seat,¹¹.—**Thigh.** Paralyzed feeling in the left thigh,¹⁴.—Awoke, after midnight, feeling as though the thighs were as heavy as lead,¹³.—Burning and swelling of the nates where they approximate by the anus, after moving

about,¹⁴.—Itching burning in the middle of the left thigh,¹⁴.—Especially painful pressure in the thighs,¹³.—Sore pain between the left thigh and the scrotum (second day),³⁰.—**Knee.** [650.] Tension and prickling in the knee-joints,¹³ †—Cramplike pain in the right knee-joint, transient (after ten minutes),³².—Crawlings in both knees,¹³.—(Crawling and tearing in the knee-joints),¹³.—**Leg.** Twitching of the legs during the midday nap,¹⁴.—Pains in the legs and feet,³⁶.—Tearing in the left leg,¹⁰.—**Ankle.** Heaviness and pressure in the ankles, in the evening,¹⁴.—Sticking extending from the right external malleolus to the forepart of the foot,¹⁴.—**Foot.** The feet failed him on going upstairs,¹⁴.—[660.] Feeling of nervous weakness in the feet,¹².—Sticking on the margin of the left foot, as though she had turned it, while sitting,¹².—Rheumatic tearings in the left foot,¹¹.—Frequent pain, as if sprained, in the left foot,³².—Jerking in the left foot, while sitting,¹⁴.—Frequent cramplike pain in the sole of the left foot, and on the inner side of the foot,³².—Jerkings and tearings at times in the sole of the left foot,¹⁰.—**Toes.** On walking he is attacked, three times in succession, with sticking and tearing pains as if sprained, especially in the left metatarsal bone of the great toe, so that he is unable to step fairly upon it,¹⁴.—Violent sticking in the left great toe, and after a quarter of an hour also in the right,¹⁴.—Rheumatic tearing in the right great toe,¹⁴.—[670.] Painful prickling and sticking in the right great toe where the nail enters the skin,¹⁴.—Crawling in the right little toe,¹⁴.—Jerklike crawling in the right great toe,¹⁴.

General Symptoms.—Objective. Sudden emaciation,³⁶.—Trembling of whole body,¹².—Weakness,^{26,33}.—Great weakness,^{32,36}.—Great weakness on rising in the morning, with trembling of hands and feet,¹¹.—*Very great debility*,⁴⁸.—Prostration,¹³.—[680.] Prostration of whole body, with frequent slight nausea,¹⁸.—Stool followed by prostration, and some pain in abdomen,¹³.—General prostration,³⁶.—State of collapse,⁴⁰.—During vomiting, and for two hours after, constant tendency to faint, and deathly, indescribable feeling of prostration (one case), (after eighteen hours),⁵⁵.—Attacks of faintness,¹⁶.—Lay in a lethargic state, sometimes drawing himself up as if in pain (after three hours),⁶⁰.—Very restless; tossing convulsively about as if in pain (after one hour and three-quarters),⁶⁰.—Generally lying quiet on belly, but occasionally tossing about (after two hours and three-quarters),⁶⁰.—Anxious oppressed tossing about in bed, with loss of sleep,¹³.—[690.] Uneasiness,³⁴.—**Subjective.** Disinclination for every exertion,¹³.—Weariness,²⁶.—Weariness, with prostration of the limbs, in the morning, on waking,¹³.—General weariness and exhaustion, with ill-humor,¹³.—Feeling of weakness,³².—Sensation of complete dulness of the whole body,¹³.—General sick feeling,^{26,34}.—General sick feeling, worse after eating bread and butter; she was obliged to lie down,⁹.—Discomfort after dinner,³¹.—[700.] Malaise, which is soon allayed; but a sort of nausea remains a long time after (in one hour),¹.—Frequent stitches, with profuse sweat on the forehead,³⁹.—Tearings in left side, extending from groin up to right nipple, lasting several minutes,¹².—The pain causing nausea is aggravated while lying,¹³.

Skin.—Objective. Redness of the skin (from triturating the seeds in a mortar),⁴¹.—Slight redness of the skin, with a sensation of coldness, at last followed by slight warmth,¹⁸.—Rubescence to a greater or less extent dependent upon the individual susceptibility; this gradually increases until

† The prover was formerly subject to rheumatic troubles in the knee.

a general, though moderate, tumefaction occurs, apparently affecting parts deeper seated than I have seen occur from the use of any other external irritant; this is succeeded, in a period varying from six to twelve hours, by numerous vesicles, some distinct, others confluent, differing in size and shape; at first containing merely limpid serum, afterwards distinct and consistent pus, and terminating in slight scabs. The redness produced is not of a vivid, but of a dull brickdust hue. These circumstances, though regular in their course, vary in extent according to the parts upon which the oil is applied; thus, on the abdomen, I have never been able to excite so active a rubescence as in other parts of the body. Over the muscular region of the arms and legs the effect is not so violent as where the bones are more superficially situated. The most powerful effects are produced upon the face, scalp, larynx, and chest, according to the observations I have made, in the order enumerated. When Croton oil is applied to the face and scalp it is frequently succeeded by erysipelas, but I have never seen any destructive or suppurating process established; whenever applied only erysipelas followed its use upon any part of the neck, abdomen, or extremities. In general, its effects are certain when applied to any part of the body, with the exception of over the abdominal muscles; at least I have never seen it fail of producing the sequelæ described when applied upon any other part of the body,³⁵—Enlargement of a cutaneous gland in the right lower lid, half an inch from the caruncula lachrymalis; the skin is reddish and elevated, as large as a mustard seed; disappearing after four days,¹⁴.—**Eruptions, Dry.** Eruption of red pimples as large as millet-seeds, with corrosive itching and sore pain when touched or rubbed (from external application),²⁹.—Erythema, with pustules (second day), forming crusts the next day,²⁸.—[710.] Eruption on the right side of the septum of the nostrils; when washing in the morning the spot was painful to touch, was red, of the size of a pea; on the same day it formed a small slightly elevated crust, which desquamated on the sixth day; the epidermis continued red and tender, and again desquamated,¹⁴.—Burning-itching eruption round about the neck; some pimples appear seated on a red base, small, hard, and slightly elevated, lasting four or five days (after seven days),³¹.—Papulous eruption on the face,¹⁴.—Erythema of the face (not unusually), often symmetrical, lasting for a few days, with distinct heat; and this when there could have been no direct application of the remedy to the face,⁵⁶.—**Eruptions, Moist.** *Vesicular eruption on the scrotum and penis (the patient's hands not having touched the parts), (from rubbing the oil upon the limbs),⁴⁹.—Eruption of small vesicles on the labial commissures, right upper eyelid, and left buttock (caused by touching these parts when the hands were covered with the ejecta), (second day),⁵³.—Erysipelas phlyctenoides of the face, ending in desquamation in four hours (from an external application to the neck),⁴³.—Several itching vesicles on the chin, which coalesce and form a scurf, which becomes moist on pressure; after about five days the crust desquamates and leaves a red spot which lasts a long time (after four days),³².—* *On the left thigh opposite the scrotum, a red moist spot, exuding an offensive moisture; it is painfully sore to touch and on walking, which also causes troublesome biting,*³⁰.—**Eruptions, Pustular.** The eruption which is brought out by the external use may be divided into five stages: 1. Rubefaction of the skin; 2. Formation of vesicles; 3. Conversion of the vesicles into pustules; 4. Desiccation of the pustules; 5. Desiccation and falling off of the crusts. These different periods or stages are not uniformly to be observed; they are most con-

spicuous when the friction has been made with 10 or 12 drops of the oil on a part of the skin where there is much subjacent cellular tissue. The patient at first experiences a tingling warmth, which is quickly followed by a considerable redness, extending an inch or so beyond the sphere of the rubbing. These appearances are generally noticed within seven or eight hours, sometimes in one or two, at other times not for ten or twelve hours; the differences of time required depending, no doubt, on the delicacy of the skin. In from fourteen to twenty-six hours myriads of small, close-set vesicles make their appearance upon the inflamed skin; occasionally a few of the vesicles become greatly magnified, forming true phlyctenæ, filled with a turbid lymph, which speedily changes into a purulent matter. In twelve out of thirty-one cases, reported by our author, the vesicles passed to desquamation without undergoing the suppurative process. The usual period at which the serum becomes puriform is from thirty-six to fifty-four hours after the application of the oil. In one or two days subsequently the pus begins to exude, and forms grayish crusts over the pustules, and the desquamation is generally over by the eighth or ninth day. If the Croton oil is rubbed upon any part which has been recently vesicated the eruption is, as we might expect, more speedy and abundant.^{51.}—[720] A peculiar pustular and vesicular eruption (external application),^{57.}—Papulopustulous eruption (second day),^{50.}—The pustules are riper; their bases are inflamed; some are larger than others, and have already lost the inflammatory areola, but are full and tense. There are large phlyctenæ on the scrotum, and some pustules on the pubis; the glans penis is partly denuded of its epidermis (from the contact of the patient's hand covered with the oil). The urine is darker-colored; urinating causes pain at the end of the penis, owing to the condition of the glans and prepuce (third day),^{50.}—Not much smarting in the eruption; there is some heat. A general redness in the affected part, which is covered with numerous white, glossy, tense pustules, having but slight areolæ. Those which were in the same stage of development yesterday are now desiccated. Some small papulous vesicles have newly appeared; others, with areolæ, are just changing into true pustules (fourth day),^{50.}—The pustules which desiccated yesterday have left only a yellowish spot or crust, formed of pus and dried epidermis; those which were then at their height have sunken; there are visible very small elevations, without areolæ, remarkable for their regular shape, their small size, and the complete absence of surrounding redness; these are pustules developed between the laminæ and the horny layer of the epidermis (*intra-epidermic pustules*), (fifth day),^{50.}—General redness diminished. The pustules are less numerous, and among them are some which are projecting, sensitive, surrounded by areolæ, and whose contents are of a reddish hue, owing to blood-globules mingled with the pus; these are *dermic* or *sanguino-purulent* pustules. A pustule was noticed surmounted by another smaller one. This is the *two-story pustule*. There are some thick crusts caused by the patient's scratching open the pustules (sixth day),^{50.}—Diminished eruption and redness; more crusts from torn pustules. An herpetic spot, which was situated at about the centre of the eruption, has almost disappeared (seventh day),^{50.}—The evolution of the later pustules seems more speedy than on the first days, so that those which were fully matured yesterday have now hardly left a trace; even the raised epidermis has subsided. The *two-story pustule*, already observed, is developed; the *top story*, formed by an intra-epidermic pustule, has increased in size, probably from the effect of endosmosis; its circumference is no longer even

with that of the lower pustule (eighth day),⁵⁰.—All the pustules have sunken; desquamation is beginning with the small pustules without areolæ (ninth day),⁵⁰.—Desquamation is proceeding; the herpetic spot appears again (tenth day),⁵⁰.—[730.] Here and there new pustules, glossy and tense, arrive at maturity, whilst others are desiccating; the herpetic spot has cleared off (eleventh day),⁵⁰.—When the scabs fall off from the scratched pustules they are succeeded by pits, while they leave the others still elevated, so that the hand perceives a roughness. Long after the scabs have gone their places are marked by a brownish discoloration, like the coppery hue of syphilides (twelfth day),⁵⁰.—The redness diminishes, and the desquamation continues to extend (fourteenth day),⁵⁰.—Formation of pustules and almost general inflammation of the walls of the abdomen, followed after several days by desquamation,²⁸.—Pustules thickly covering the whole scrotum and face; the pustules on the side of the scrotum were flattened and became suppurating ulcers; in other parts the pustules dried and desquamated,³⁵.—The whole abdomen, even where the oil had not been applied, was covered with numerous small elevated pustules, surrounded with bright-red areola, but without itching, and with no general symptoms (after two hours); violent itching began in the night, disturbing sleep and causing general discomfort; on the next morning the redness was less marked, and every pustule had a tip somewhat paler than the skin around it; pressure upon the eruption was not painful, but somewhat sensitive; gradually the pustules became pale, and disappeared, without crusts or desquamation; on the eighth day only a few pale-red spots remained, not larger than a grain of corn,¹⁷.—Slight redness, soon followed by burning; on the next morning, while lying in bed on the left side, throbbing, tension, and frequent jerking in the left upper arm, extending to the fingers; this spasmodic jerking involuntarily contracted the fingers; they noticed a large number of large and small, isolated, red-pointed, and roundish pustules; the itching and burning were worse on touch or motion, especially on rubbing with the hand; the arm and shoulder felt heavy; the whole skin was slightly red; the place felt rough and uneven; the small pustules disappeared as whitish, shiny, small elevations; the whole skin became whitish; the large pustules remained red even after five days, when they gradually diminished, with only a very slight whitish desquamation, only noticed when rubbing with the hand, when a few small scales were found upon the hairs of the arm; an itching, which provoked scratching, remained for some two weeks, and also an alternating sensation of heaviness and tension in the upper arm,¹⁸.—On the second day there was some itching in the place where the oil had been rubbed, but the surrounding skin, even where the oil had not touched, was still more red; an eruption of very numerous, isolated, large and small, dark-red pustules; movement of the arm causes some itching and burning; touch, or uncovering the part, even in the room, increased the painful burning and itching; the whole spot was elevated, uneven, and rough; the small pustules disappeared after a few days, leaving a slight elevation of the skin; the large ones remained for five days isolated and red,¹⁸.—Herpetic eruption on the scrotum (from rubbing it into the abdomen),²⁸.—*Subjective*. Itching after half an hour, followed by painful burning,²⁸.—[740.] Prickling in the lower third of the left lower leg,¹⁴.—Prickling in the first toes of the right foot,¹⁴.—Crawling in the lumbar region, as from beetles,⁶.—Itching of the left upper lid,¹⁴.—Itching on the right lower lid,¹⁴.—Itching on the scrotum,³².—Itching on the left middle finger, and on the right ring finger,¹⁴.—Frequent itching, or rather smarting, as from vermin, in the pubic region, and on the

glans penis (second day),³⁰.—Very troublesome irritating itching on the scrotum (second day),²⁹.—Prickling itching and burning on the sole of the right foot,¹⁴.—[750.] Corrosive itching on the scrotum, disturbing sleep, relieved by rubbing, which, however, caused erections (third day),²⁹.—Corrosive itching on the scrotum, and a moist, offensive spot on the thigh; these places afterwards become dry and desquamate,³⁰.

Sleep and Dreams.—Sleepiness. Yawning, nearly the whole forenoon,¹⁴.—Frequent yawning,¹⁴.—Sleepiness,¹³.—Sleepiness and prostration,¹⁸.—Sleepiness towards noon, so that he wished to lie down; after lying down after dinner inability to sleep, with some palpitation of the heart,¹⁴.—Great somnolence and weakness (from the effluvia),⁴⁹.—Almost irresistible desire to sleep,²⁶.—Easy falling asleep, followed by chill, especially across the back,¹⁸.—[760.] Falling asleep from weariness, with numerous anxious dreams,¹³.—After the vomiting, fell into a deep sleep which lasted four hours,⁵³.—**Sleeplessness.** Sleep uneasy,¹².—Sleep uneasy, with many dreams,¹¹.—Sleep very uneasy and full of dreams,¹⁸.—Sleep light, disturbed by many dreams,¹¹.—Sleep, with sudden waking, although he was unable to remember having a dream,¹³.—Night restless; full of dreams,¹³.—Sleeps lying on the back, and sudden awaking after an emission,¹³.—**Dreams.** Sleep very dreamy,¹³.—[770.] Sleep disturbed by many dreams,¹⁰.—Sleep, with heavy dreams, till 1 o'clock at night, when she was suddenly awakened by violent headache,¹³.—Night full of interrupted dreams; he could not remember ever having passed such an anxious night before,¹⁴.—Dreams about the occurrences of the day, during the afternoon nap,¹⁴.

Fever.—Chilliness. Surface cold,⁴⁰.—Surface of the body cool,³³.—Skin cool, clammy,³³.—Chilliness and shivering,¹⁴.—Chilliness, especially in the abdomen,⁸.—In the afternoon chilliness obliged him to seek his bed, where he did not get warm for a long time,⁸.—[780.] Very transient attacks of chilliness extending especially over the whole of the back,¹⁸.—Easily chilled,¹⁹.—Coldness, especially of the lower extremities, so that she seemed covered with gooseflesh; she was obliged to lie in bed in order to keep warm,².—Sensation of coldness, weakness, and prostration,²².—Shivering all over (in three hours and a half),¹.—Extremities cool,²².—Extremities cold,⁶³.—*Coldness of the feet, extending as far up as the calves,¹⁴.—Feeling of coldness in the abdomen,¹⁴.—Sudden coldness and paleness of the hands, with fingers very much shrivelled,¹³.—[790.] Feet cold (after one hour and three-quarters),⁶⁰.—*Feet and legs cold (after two hours and three-quarters),⁶⁰.—Extremities rather cold (after three-quarters of an hour),⁶⁰.

Heat. Increased temperature of the whole body, followed by prickling-burning warm sensation,¹⁴.—Warmth of body, especially of the face,²⁶.—Warmth over the whole body, followed by feeling of coldness in the region of the abdominal vertebræ,¹⁴.—Warmth of the surface of the body, especially of the hands, which are usually cold, with remarkably swollen and prominent veins,¹³.—Generally increased warmth of the whole body, with slight sweat,¹³.—Skin, at first cool, becomes warm, and afterwards always profuse transpiration,³³.—Increased sensation of warmth through the whole body,¹³.—[800.] Heat of the body,¹².—Heat and sensation of anxiety, so that she sought for a chair,⁶.—Feeling of heat, with increased salivation,⁴⁶.—Flushes of heat,¹².—Hot and perspiring, with pulse as high as 190 (after five hours and a half),⁶⁰.—Febrile symptoms,³⁶.—Feverish condition (with the eruption of pustules),²⁸.—Creeping warmth in the parietes of the abdomen,¹⁴.—Itching warmth in the upper third of the right tibia,¹⁴.—Heat

of the face,¹³.—[810.] Slight febrile excitement across the whole upper abdomen,¹³.—Burning in the cheeks,¹⁴.—*Sweat*. Sweat,¹⁵.—Skin moist (one case), (after eighteen hours),⁵⁵.—Sweat on the forehead,²⁴.—Sweat stood in drops on the forehead, and she thought she was unable to go to the house on account of the nausea,².

Conditions—Aggravation.—(*Morning*), Immediately on rising, confusion of the head; on waking, head heavy, etc.; after rising, pain in abdomen, etc.; in bed, urging to stool; cough; on rising, weakness, etc.; on waking, weariness, etc.—(*Forenoon*), Pressure in stomach.—(*Noon*), Pains in head; pain in elbow; while sleeping, twitching of legs.—(*Afternoon*), Eructations; stitches through left chest; palpitation of heart; sticking in kidney region; chilliness.—(*Evening*), Lips dry, etc.; bilious eructations; sticking in spleen; colic below navel; passage of flatus; colic; mucus in larynx; cough, etc.; *oppression of chest*; drawing above wrist; heaviness, etc.—(*Midnight*), Fulness, etc., at stomach.—(*After midnight*), On waking, heaviness in thighs.—(*Open air*), Confusion of head; *vertigo*, etc.; nausea, etc.—(*Ascending stairs*), Dyspnoea.—(*Beer with bread*), Pains in forehead, etc.—(*Bending body*), Pain within anus.—(*After bread and butter*), Sick feeling.—(*On coughing*), Soreness in abdomen.—(*After dinner*), Pains in head; heartburn, etc.; griping; especially when lying down, palpitation; discomfort.—(*While eating*), Tearing in abdomen.—(*After eating*), Symptoms always aggravated; *colic*.—(*During expiration*), Scraping in throat; burning in fauces.—(*Walking*), Sticking in forehead; pains in abdomen, etc.; colic; stitches in anus; pains in great toe.—(*During inspiration*), Sticking in chest.—(*Deep inspiration*), Pains in walls of abdomen.—(*Looking up*), Vertigo.—(*Lying*), Pain causing nausea.—(*After milk*), Nausea, etc.—(*After moving about*), Pain in anus.—(*On going out*), Twinging, etc., in umbilicus.—(*Pressure*), Pains in walls of abdomen.—(*On rising and while rising*), Rumbling in intestines, etc.—(*In room*), Vision vanishes, etc.—(*While sitting*), Desire to pass flatus; tension, etc., of abdomen; pains in upper abdomen; sticking on margin of foot; jerking in foot.—(*Sitting with abdomen bent over*), Pain in umbilical region.—(*Before every stool*), Griping in colon.—(*After stool*), Scraping in anus.—(*Touch*), Griping in intestines.

Amelioration.—(*Eating gruel*), Pains in abdomen.—(*Inspiration*), Burning in fauces.—(*Rest*), Pain in forehead; pain within anus.

CRYPTOPINUM.

An alkaloid found in opium; *Formula*, $C_{23}H_{25}NO_5$.

Preparation, Triturations.

Authorities. Harley, general effects, "Old Veg. Neurotics;" also 1, effects on Samuel M., of subcutaneous injection of a solution containing 1 grain, subsequently repeated with $1\frac{1}{2}$ grains (Old Veg. Neurotics); 2, same, effects on John L., of injection of $\frac{1}{4}$ grain, and afterward of 1 grain, and $1\frac{1}{2}$ grains, *ibid*.

Mind.—Feels as if he had had a glass of spirits; with a diffused sensation of warmth (after two hours),².

Head.—Now walked home (after two hours), and on his journey felt decidedly giddy for a quarter of an hour,².

Eye.—Dilatation of the pupils,¹.—Pupil normal, $\frac{1}{9}$ "; $\frac{1}{8}$ " (after one hour and a half); $\frac{1}{7}$ " (after two hours and a quarter),¹.

Urinary Organs. Dysuria followed,².

Respiratory Organs.—Slight acceleration of the breathing,¹.—Normal respiration, 19 to 20; 21 (after half an hour); 19 (after three-quarters and one hour and a half); 20 (after two hours and a quarter),¹.—Normal respiration, 17; 14 (after two hours and forty minutes),².—Normal respiration, 19; 15 (after one hour); 12 (after two hours),².—[10] Normal respiration, 18; 16 (after half an hour); 20 (after one hour and a quarter); 16 (after two hours),².—Respiration normal, 19; unchanged (after one hour); 17, regular (after two hours),¹.

Pulse.—Normal pulse, 72; 70 (after half an hour); 66 (after one hour and a quarter and two hours),².—Normal pulse, 66; 64, regular, of good volume and power (after two hours and forty minutes),².—Normal pulse, 72; 70 (after one hour); 65, regular, of unchanged volume and power (after two hours),¹.—Pulse, 74 (normal), (after half an hour); 68 (after three-quarters of an hour); 66 (after one hour and a half and two hours and a quarter),¹.—Normal pulse 78; 68, unchanged (after one hour); 61, regular, a little fuller and stronger (after two hours),².

General Symptoms.—Felt very comfortable, and was very tranquil throughout. There was no dreaming nor feeling of stimulation. The pulse continued regular, and experienced no change in power or volume,¹.—Cryptopia, like Morphia, has two distinct effects, a hypnotic, and an excitant of a most remarkable and exceptional kind, dependent partly upon an illusion of vision, and partly upon a tendency to convulsive action (Harley).—Further acquaintance with Cryptopia will perhaps more positively indicate that, as happens with Morphia, individuals are affected in opposite ways by it, some being influenced by its excitant action, while others are as exclusively affected by its hypnotic effects (Harley).

Sleep.—[20.] Hypnosis,¹.—Had experienced a little drowsiness, passing into a doze for a few minutes at a time, and felt very calm and comfortable (after two hours and forty minutes),².—Sleepiness came on in two minutes, and soon increased, with yawning, so that in ten minutes he could hardly keep his eyes open; continued very sleepy, and looked very heavy (after three-quarters of an hour); continued very sleepy and dozed most of the time (after one hour and a half); had dozed and slept, and still continued heavy and drowsy, but the effect was decreasing (after two hours and a quarter),¹.—Somnolency came on soon after the injection and continued, but had not yet amounted to sleep (after one hour); dozed continuously during the last hour without dreaming, and still felt very sleepy and uncomfortable (after two hours); continued very drowsy; retired to bed and slept soundly all night, and was, as usual after his opiates, sleepy throughout the next day,¹.—Had dozed off twice (after one hour and a quarter); had continued sleepy, and slept lightly for ten minutes (after two hours). Somnolency was the only effect, and this without any appearance of heaviness. He now walked home, and had half an hour's pleasant dreamless sleep after arriving there,².—Being bedtime, he soon retired to rest, and slept well without dreaming (after two hours),².

CUBEBA.

Piper Cubeba, Linn. (*Cubeba officinalis*, Mig.). *Natural order*, Piperaceae.

Preparation, Triturations.

Authorities. 1, Broughton, effects of 1 to 2 drachms thrice daily for a

fortnight in gonorrhœa, Lond. Med. Gaz., 1, 405; 2, Cattell, "Symptoms," from Med. Times, 8, 239, 295, Gaz. des Hop., 1842, B. J. of Hom., 11; 3, John North, Lond. Med. and Phys. Jour. (Boston Med. and Surg. J., 6, 221), effects of large doses three times a day for a trifling gleet; 4, from the same, Madame T., effects of six doses, each a small teaspoonful twice daily for severe leucorrhœa; 5, Puel. Rec. Med., 16, 48, 1825, experiment with pulv. Cubebs, first day, 1 dr.; second day, 2 drs.; third day, 3 drs.; 6, Heyfelder, Heidelb. Med. Ann., 3, from Noack's collection, A. H. Z., 15, 369; 7, Sablotzky, Herschel's Archiv, 1, general effects; 8, Benatzek, effects of 70 grs., B. J. of Hom., 24, 185.

Appendix.—(Houat's proving, from Nouvelles Donnees de Mat. Med.) This truly astonishing collection of symptoms is put by itself, since there is no way of determining what is pathogenetic and what clinical, and since there is no intimation of how the symptoms were obtained; in these days all accounts of scientific experiments must be accompanied by a most complete detail of methods, that they may be verified.

Mind.—Weakness of mind,⁷.—Loss of memory,⁷.

Head.—Dulness of head,².—Headache,⁵; (fourth day),³.—Rather severe headache (after two doses),⁴.—Deepseated headache,².

Eyes.—Eyes turgid and watery (fifth day),⁴.—Very disagreeable sensation of fulness in eyes (after two doses),⁴.

Nose.—Coryza (fifth day),⁴.

Face.—[10.] Features so completely changed as to leave no trace of their natural expression (fifth day),⁴.—Face excessively swollen (fifth day),⁴.—Fulness of face, which is occasionally florid,².—Flushing of face,²; (fourth day),³.—*Lips.* Lips puffed, dry, and shiniug (fifth day),⁴.—Extraordinary twist of mouth to one side every time he attempts to speak or smile,¹.

Mouth.—Tongue very white (fifth day),⁴.—Tongue furred and moist,¹.

Stomach.—Increased appetite,².—Slight thirst, with burning in the throat,⁵.—[20.] Intense thirst (fifth day),⁴.—Disagreeable eructations, with feeling of warmth in the epigastric region,⁵.—Acrid eructations, with uneasiness, heat at pit of stomach, and fever,².—*Nausea*,^{5,6}.—Nausea and vomiting,².—Constant nausea and occasional vomiting (fifth day),⁴.—Sickness at stomach (fourth day),³.—Inclination to vomit,⁶.—Stomach disordered,⁸.—Burning and pressure in the epigastric region and about the navel,⁶.—[30.] Burning pain in stomach,².—Continued gastric irritation,⁵.

Abdomen.—Flatulence,⁸.—Burning in the abdomen,⁸.—Gripping and diarrhœa,².—Colic,⁷.

Rectum and Anus.—Hæmorrhoids,².—Burning in the rectum,⁶.

Stool.—Slight diarrhœa,².—Distressing diarrhœa, with headache,².—[40.] Copious diarrhœa-like evacuations,⁶.—Peculiar odor to the evacuations, perspiration, and saliva,⁶.

Urinary Organs.—Chronic inflammation of bladder much aggravated,².—**Inflammation of urethra*,².—**Secretion of mucus from urethra greatly increased*,².—Cutting and constriction after micturition (once),⁸.—Irritation of urinary passages (always),⁸.—*Micturition.* Urine increased in quantity, deepened in color, and smells of the drug,².—*Urine.* Urine frothy,⁸.—Hæmaturia (in two cases),².

Sexual Organs.—[50.] *Prostatitis*; the gland feels enlarged to finger in rectum; perineum tender; last drops of urine passed with pain; after micturition, sensation as if bladder still contained water,².—Testicles swollen,².—Hernia humoralis,².—Sexual excitement,².—No inclination for coi-

tion, with general weakness of the sexual organs (for a long time after its use for gonorrhœa),⁶.

Respiratory Organs.—It aggravates the cough, or lung troubles, when given to persons suffering from them,⁶.—Respiration hurried and difficult (fifth day),⁴.

Heart and Pulse.—Pulse quickened,³.—Pulse frequent and full,².—Pulse small, and varying from 120 to 130 (fifth day),⁴.—[60.] Pulse irregular, suspending two or three beats each minute; sometimes slow, at intervals hurried; not exceeding 84,¹.

Extremities in General.—Numbness of the fingers and toes,⁷.

Superior Extremities.—Stiffness of the wrists, and thickened around the joint,².—Acute, deepseated pain in wrists, speedily followed by redness and swelling,².—Hands much swollen, and so stiff that the fingers could not be bent (fifth day),⁴.

Inferior Extremities.—Pricking sensation in soles of feet,².

General Symptoms.—Emaciation,⁷.—General convulsive movements,².—Convulsions,².—Extreme weakness,⁷.—[70.] Partial paralysis,².—Great restlessness (fourth day),³.

Skin.—Eruptions. Covered with an eruption from head to foot; accompanied by a high degree of sympathetic fever (fifth day),³.—Eruption like urticaria,².—A “flush of red” over whole body (third day). A decided eruption appeared (fourth day). Covered with an eruption from head to foot, which, in some parts, could not have been distinguished from urticaria febrilis, while in others it had more the appearance of lichen in its papular stage, but with more intense inflammation around the base of the papulæ than is commonly seen in that disease (fifth day),⁴.—Urticaria,².—Severe urticaria febrilis,².—**Subjective.** Intense itching sensation,².

Fever.—Temperature of body increased,⁸.—Skin burning hot (fifth day),⁴.—[80.] Increased heat, with thirst,².—Slight febrile excitement, lasting an hour,⁵.—Fever with heat at pit of stomach,².—A slight fever lasting into the night, and also on the following day,⁵.—Felt feverish, with a tingling and heat over the whole surface of the body (after two doses),⁴.—Heat at times in palms of hands and soles of feet,².—Heat in flashes upon face, soles of feet, and palms of hands,².—Hands and feet felt hot and numbed (after two doses),⁴.

APPENDIX.

Mind.—Emotional. Madness, with all sorts of beastly extravagances.—Impatient, irritable; a mere trifle provokes him.—Furious insanity, with wickedness; he breaks everything within his reach, out of sheer malice.—Mania; desire to strike and to kill.—Delirium; lascivious words and thoughts, with violent priapism.—Impulse to swear at people; to strike them and spit in their faces, even to bite them.—Proneness to debauchery and every species of excess.—Shamelessly indecent in thoughts, words, and gestures; especially towards evening.—Paroxysms of foolish gayety, with great loquacity, or silent weeping, also towards evening.—[10.] Want of decision and will-power.—Fits of dejection, apathy, insensibility; is indifferent to everything.—Regards himself as more of an invalid than he really is; fancies he is very unfortunate.—Is much disturbed about his health and social position.—Paroxysms of anxiety, suffocation and fainting.—

Excessive nervous excitement; he is very easily frightened.—*Intellectual*. Weakness of intellect; frequent absence of mind; loss of memory.—Is unable to accomplish anything.—Waking reveries.—All his ideas are confused and wandering.—[20.] Cannot find words to express himself.

Head.—Vertigo. Frequent giddiness, so that he is afraid of falling.—*General Head*. Sensation of numbness, and as if intoxicated in the brain.—Feeling in various places as if the brain were dried up, with great weakness of the head, which falls from side to side, and has to be supported.—Neuralgic pains in the whole head, extending to the face, and causing him to distort it.—Bone-pains in the head, with sensation of swelling in the cranial bones.—Headache with constant drowsiness, but inability to go to sleep.—Heavy headache, with obnubilation and dread of falling.—Contractive pains in the brain, extending to the facial muscles.—Pressive and lancinating pains in the whole head; aggravated by warmth and by touch.—[30.] Pressive and lancinating headache, with general debility; loss of ideas and of consciousness; on coming to himself he is a prey to uneasiness and despairing anxiety.—Pungent pains, which are felt from cerebellum to forehead.—Hammering pains in the cranial bones, with pressure in the temples.—All the pains of the head are aggravated by inclining it to the right side.—Cold applications alleviate the pains of the head, but afterwards increase them.—*External Head*. The hairs become white.—Falling off of the hair, especially in the evening.—Pustules on the scalp, forming scabs like those of small-pox.—Intolerable itching of the head, with burning ulcers.

Eye.—Objective. Eyes inflamed; sclerotic injected with blood.—*Subjective*. [40.] Sensation as from exudations in the eye.—Heat and smarting of the eyes as if from pepper.—Lancinations in the eyes; beginning at the outer canthi, and darting all across the ball.—*Lids*. The edges of the eyelids are swollen, red, ulcerated, and gummy.—Painful and obstinate styes on the lids.—*Lachrymal Apparatus*. Considerable lachrymation, especially in the evening, in the morning, on waking, and in the open air.—*Pupil*. Very dilated pupil, of a whitish color.—*Sight*. Progressive weakness of sight; strabismus.—He can only discern very near objects.—Photophobia; he has to keep shutting his eyes to relieve the pain.—[50.] All objects not close by appear confused.

Ear.—Objective. Ears swollen and covered with corroding ulcers.—*Subjective*. Numb sensation in the ears.—Intolerable pain, especially in the left ear; it feels as if something in it was being twisted.—Great heat in the ears.—*Hearing*. Very hard hearing.—Complete deafness, sometimes with purulent discharge.—Words and noises are heard confusedly.—Frequent deafening roaring in the ears.

Nose.—Objective. Nose red, swollen, very sensitive; the least touch on it causes excessive pain, which is felt even in the head.—[60.] Discharge from the nose of rusty greenish-yellow purulent matter, always smelling very badly.—Coryza, with discharge of mucus, sometimes thin, sometimes thick; burning in the throat and nose; stuffed up head and fever.—Obstinate stoppage of the nose, especially in the evening, so that the voice becomes nasal.—A great many small painful pimples in the nostrils.—Paralysis of the olfactory nerve.—*Subjective*. Very unpleasant dryness of the nose, preventing speech and respiration.—Fulness and pulsation in the nose, with epistaxis, especially in the afternoon, on movement and from heat.—Sensation of fulness and compression in the nose.—Lancinating and gnawing pains in the nasal bones.

Face.—Objective. Wan features; skin tense and oily.—[70.] Face yellow, pale, or grayish, with blue circles around the eyes.—Enormous swelling of the face.—Crampy and lancinating pains in the facial muscles and bones.—**Cheeks.** Bone-pains in the zygoma; inflammation and swelling of the facial bones.—**Lips.** Lips swollen, thick and everted.—Lips hard and tense like parchment.—**Chin.** The lower jaw hangs loosely.—Bruised pains in the lower jaw, with sensation as if it was dislocated.

Mouth.—Teeth. Lancinating and boring pains in the teeth, especially in the evening.—**Gums.** The gums recede, with caries of the teeth.—[80.] Ulcers and abscesses on the gums.—**Tongue.** Tongue swollen, heavy, burning; speech impeded.—Feeling of erosion on the tongue, palate, and inner cheeks.—**General Mouth.** Aphthæ and small gray ulcers at various places in the mouth.—Burning eruption in the mouth.—Dry mouth, with constant taste of blood.—Burning eruption in the mouth, like erythema, followed by gray patches.—Mouth burns, as if from holding alcohol in it.—**Saliva.** Great salivation; he froths at the mouth when talking.—Froth from the open mouth, during sleep. On waking, twitching in the stomach, bulimy, fatigue and painful weakness.—**Taste.** [90.] Taste usually sour, bitter, acrid, or insipid and bloody.—Everything he eats tastes too salt or insipid.

Throat.—Objective. Congestion of blood to the throat and head, with strong pulsation of the arteries.—Obstruction of the throat by viscid mucus, often black.—Tubercles in the throat and larynx.—**Subjective.** All the muscles of the throat seem paralyzed.—Sensation of great heat in the throat.—Burning heat and contraction of the throat, with constant inclination to hawk and hem; he desires milk, and warm, sweet decoctions, especially such as promote perspiration.—Sense of fulness and strangulation in the throat.—Sensation, as if the throat was full and stopped up, with heaviness of the head, and danger of suffocation.—**Tonsils.** [100.] Inflammation and swelling of the tonsils, with lancinating burning-pulsating pains, spreading all over the neck.—Abscesses on the tonsils.—**Swallowing.** Difficult and very painful deglutition; food and drink often escape through the nose, and into the larynx, making him cough till he raises blood.—**External Throat.** Swelling of the submaxillary and cervical glands, which burn and are painful.

Stomach.—Appetite. Great hunger, which is satisfied by the first mouthfuls, but returns in a moment, and is insatiable.—Longing for underdone meat, and for milk.—Longing for fresh bread, garlic, and onions.—Longing for dainties, oranges, and acid fruit.—**Thirst.**—Unquenchable thirst, with sensation of great dryness in the mouth, although it is constantly bathed by a flow of oily saliva.—Much thirst and hunger, or complete absence of both, with feeling of great fulness of the stomach.—[110.] Desire for strong liquors, especially brandy.—**Eruetation.** Bitter and acrid risings, with heat and burning in the stomach and œsophagus.—Incessant eruptions of an unpleasant odor.—**Nausea and Vomiting.** Frequent and very painful nausea and hiccough.—Nearly all the gastric symptoms are accompanied by nausea.—Vomiting of food, often long after eating.—Vomiting of ingesta mixed with blood, with painful weariness, debility, altered features, hanging jaw, moral dejection, and delirium.—Vomiting of mucus and bile, or of brownish offensive matter.—Great accumulation of bile on the stomach, provoking repeated vomiting.—**Stomach.** Inflation of the stomach, with hardness, tympanitic resonance and great sensitiveness.—[120.] Sensation of intolerable insipidity in the stomach and

mouth, with frequent nausea and salivation.—Sensation as if live creatures were gnawing and slashing the walls of the stomach.—Sensation as if cold worms were wriggling about in the stomach, and rising to the throat, with inclination to vomit.—Stomach feels as if full and barred up, with difficulty of breathing.—The stomach always feels tense, and full of water.—Contractive pains in the stomach, with sensation of burning and of coldness.—Stomachache, with longing for almonds and nuts.—Sensation as if the stomach was falling, and dragging down the œsophagus, with paroxysms of noisy, dry cough.—Lancinating and contractive pains in the stomach, which seems to turn round upon itself.—Sensation as if there were ulcers in the stomach, with pains extending to the loins, and making him writhe about.—[130.] Pulsating, crampy, and burning pains in the stomach, with sensation of acidity, uneasiness, and hunger.

Abdomen.—**Hypochondria.** Lancinating pains in the hypochondria; burning and heaviness in the abdomen, with inclination to lie upon it.—Cramps and electric pricking in the hepatic region, extending to the back.—Bruised pains in the hepatic region, and at the same time lancinating pains in the opposite portion of the stomach.—Pulsating pains in the hepatic region, as if from an abscess or calculi.—Incisive pains in the splenic region; spleen sometimes swollen and indurated, sometimes shrunken and dried up.—Inflammation and swelling of the liver, with contractive and distensive pains, extending to the stomach.—**General Abdomen.** Inflammation and swelling of the bowels, with constipation.—Borborygmi and a great deal of incarcerated flatulence, with violent colic, which returns at night, and obliges him to leave his bed, in which the pains are aggravated.—Sensation as if an itching eruption or worms were in the bowels.—**Hypogastrium and Iliac Region.** [140.] Colic and gripes in the hypogastric region, extending into the loins, impelling him to bestir himself and walk about; noisy flatus and frequent, copious, soft, bilious, black, yellow, and sometimes blood-streaked stools.—Swelling of the inguinal glands.

Rectum and Anus.—Swelling of the rectum preventing defecation.—Excessive prolapsus ani, which is of a deep-red color.—Bulky tumors at the anus.—Flowing hæmorrhoids, with discharge of black blood, or of yellow, purulent matter.—Itching-burning excoriations, and condylomata at the anus.—Distensive and burning pains in the anus, as if it contained a foreign body.

Stool.—**Diarrhœa.** Diarrhœa, with borborygmi, flatulence, and involuntary stools.—Light-yellow diarrhœa, specked with white, with much colic and tenesmus.—[150.] Diarrhœic and dysenteric stools, with copious discharge of blood, and rapid failure of strength.—**Constipation.** Constipation, often lasting over eight days.—Scanty, but frequent dysenteric stools, with colic and tenesmus.

Urinary Organs.—**Kidneys and Bladder.** Swelling and congestion of the kidneys.—Painful weariness and weakness in the kidneys and loins, accompanied by burning and pungent pains, aggravated by the least movement of the legs.—Pulsating and burning pains in the kidneys, as if from concretions or an abscess.—Bladder full and distended, with obstruction of its neck, and ischuria.—**Urethra.** Ulcers, tuberosities, and varices in the urethra.—Blennorrhagia, with great turgescence of the penis, violent priapism; cutting and burning pains in the urethra, especially when urinating; yellow-green thick discharge, deeply staining the linen, and sometimes mucous and clear; painful weariness, hypochondria, indo-

lence, indifference, and nervous irritability.—Frequent urging to urinate, with scanty emission in a thin stream, especially in the evening.—*Micturition*. [160.] Frequent, copious, diabetic urine, with smarting heat in the urethra, hypogastrium, and loins, clammy mouth, tongue dry, and as if burnt, urgent thirst, and general decline.—Nocturnal enuresis.—*Urine*. Bloody urine, especially after an embrace.—Urine bloody, or containing only small streaks of blood.—Burning, turbid, thick, and red urine.—Sand in the urine.

Sexual Organs.—Male. Very bad smell of the genitals. Ulcers, fissures, and small cracked condylomata on the prepuce.—Priapism, with incomplete erection.—Absence of erections; sensation as if the prepuce, glans, and urethra had been forcibly scraped.—[170.] Purulent secretion between the glans and prepuce.—Itching-burning ulcers and scabs on the scrotum.—Burning pains in the testicles. Tardy and difficult ejaculation of semen.—Frequent, copious, and very debilitating nocturnal emissions. The genital symptoms are often accompanied by headache, ophthalmia, debility, and painful weariness, especially of the spine.—*Female.* Uterus swollen and painful, as if from the presence of a tumor.—Cracked and bleeding excrescences on the cervix uteri.—Inflammation and swelling of the ovaries, with pulsating and lancinating pains, extending into the loins and groins.—Drawing pains in the region of the ovaries, as if something was pulling them down.—[180.] Lancinations and pulsations in the ovaries and uterus, with heat and dryness in the throat, and twitchings in the breast.—Lancinating and crampy pains in the ovarian region, mostly on the right side.—Vagina inflamed and hot.—Copious yellow-green, very acrid and very offensive leucorrhœa.—Menses sometimes too early, often preceded and followed by leucorrhœa.—Menses retarded or suppressed.—Suppressed menses, with deafness.—Too profuse menses; metrorrhagia.—Menses scanty, and consisting chiefly of the leucorrhœal discharge.—During the menses, headache, cough, angina, otalgia, borborygmi, flatulence, intestinal and uterine colic; clothing has to be loosened at the waist; painful fatigue and weariness in the loins and thighs; constant drowsiness, trismus, spasmodic contractions of the limbs, trembling and swaying of the head.—[190.] Very strong sexual desire in the female, especially before menstruation.

Respiratory Organs.—Larynx, Trachea, and Bronchi. Thick, grayish false membranes, especially in the larynx.—A flow of thick mucus, apparently from the bronchi, which remains in the throat and causes suffocation.—Sensation as if there were a miliary eruption in the bronchi and on the lungs.—Bruised feeling, after each paroxysm of cough; he is obliged to keep quiet.—*Voice.* Hoarse, wheezing voice.—*Cough and Expectoration.* Cough, especially night and morning; also, from movement and warmth.—Cough, with coryza and hoarseness.—Incessant cough, proceeding from the bronchi, and aggravated in the evening by warmth and in the open air.—Constant short cough, as if something had “gone the wrong way.”—[200.] Hoarse cough, which seems to scrape and bruise the bronchi.—Barking, croupy cough, with sensation as from a foreign body in the larynx; dryness and smarting in the throat; hurried, noisy respiration; face sometimes red, sometimes pale, pinched, or swollen; contractive and pressive headache, with drowsiness but no sleep; skin moist and hot; pulse quick and hard; restlessness, anxiety; cannot be quiet in bed; fornication in the legs; has to keep swallowing his saliva, in order to relieve the symptoms of the throat and larynx; great flow of viscid

mucus into the mouth; frequent nausea; desire for acids, etc.—Cough, with expectoration of yellow, green, gray, rusty, or blood-streaked mucus.—Cough, with copious, thick, acrid and bilious expectoration.—Hard, noisy cough, ending only on expectoration of thick white mucus; especially morning and evening.—Severe and long-lasting cough, with congestion of blood to the head, burning and tearing pains in the chest, and bloody expectoration, especially in the evening.—Expectoration is always difficult and painful.—Hæmoptysis of decomposed black blood.—**Respiration.** Noisy, panting respiration.—Bad smell of the breath, proceeding from the stomach.

Chest.—**Objective.** [210.] Inflammation and swelling of the lungs, as from abscesses and tubercles.—Sensation of debility of the lungs, with impeded, difficult respiration, and crepitant râle.—**Subjective.** Pains in the chest, especially on the right side.—Great fulness of the chest; dyspnoea and suffocation.—Paroxysms of angina pectoris, with loss of consciousness.—Acute rheumatic pains in the chest, with palpitation and sensation as if the heart were forcibly compressed.—Pains in the chest, as if the lungs were pierced, especially during respiration; with painful weariness and great weakness in the back.—Stitches and lacerations in the chest.—Sensation when breathing as if the lungs were pricked by a thousand needles.—Beating and shocks in the chest.—**Mammae.** [220.] The breasts are flaccid and pendant.—Large abscess; erysipelas on the breasts.—Drying up of the milk in nursing women.—Burning pains in the mammary glands.—Intolerable itching of the nipples.

Heart and Pulse.—**Præcordium.** Heart feels as if immersed in water.—Burning, contraction, and anxiety in the præcordial region, extending to the region of the liver.—Sensation of heat and burning at the heart.—The heart feels swollen, full, disordered; with lancinating pain on the right side.—Sensation of enormous swelling of the heart, with pulsating and lancinating pains.—[230.] Sensation of aneurismal distension of the heart; suffocative attacks, especially from heat and after an embrace.—Cramps, which seem to revolve around the heart.—Heart feels heavy, with slow, hard movements.—**Heart's Action.** Palpitation of the heart, often with great oppression after eating, when walking, or going upstairs, and on even the least movement.—Palpitation of the heart, oppression, anxiety, fear of death.—Tremor and anxiety at the heart, with strong disposition to weep.—**Pulse.** Pulse accelerated and hard, or quite slow and hard, intermittent, irregular, or imperceptible.—Pulse hard, hurried or slow.

Neck and Back.—Swelling and stiffness of the neck; every movement causes pain, as if it was broken and torn; neck bulky, red, hard, and very sensitive.—[240.] Burning, pulsating, and crampy pains, starting from the left occipital protuberance, and extending to the nape of the neck, with stiffness of the neck.—Pulsating pains in the joints of the neck.—

Back. Stiffness of the spine preventing him from bending forward.—Lancinating and burning pains all along the spine and in the loins, extorting cries, especially during motion; with painful prostration and weakness, and frequent vertigo and swooning.—**Lumbar.** Digging and twitching in the kidney region; sensation as from knife-stabs in the loins, with coldness and cramps in the stomach, crispation of the limbs, and ineffectual urging to urinate.

Extremities in General.—Frequent numbness of the limbs.—Burning, lancinating, and tensive pains in all the joints.—Violent pains in

the limbs, as if they were being dislocated.—Tearing pains in the right arm and left leg.—[250.] Great liability to dislocations and fractures.

Superior Extremities.—**Objective.** Swelling of the arm, with numb sensation and pulsating pains.—Paralytic weakness of the arms.—**Subjective.** Burning pains in the arms during rest; lancinating pains on moving them.—Sensation of burning heat between the bones and the muscles of the arms.—Bruised pain in different parts of the arm, as if from a beating.—Smarting, pulsating, and drawing pains in the joints of the arms, with cramps and inclination to twist them about.—**Shoulder.** Sensation as if the arms would fall off at the shoulders.—Contractions in the shoulders, forcing them to be thrown backward.—Crampy pains in the shoulders, extending into the cervical muscles.—[260.] Cutting and lancinating pains, as if from stabs with a penknife, through the shoulder from below upwards.—**Wrist.** Inflammation and swelling of the joints of the wrist and fingers.—**Hand.** Contraction and stiffness of the hands.—Ulcers and fissures on the hands.—Great awkwardness of the hands.—**Fingers.** Arthritic nodosities on the fingers.—Paronychia.—Frequent torpor of the fingers.

Inferior Extremities.—**Hip.** Crampy and acute pains in the hip, and all through the leg.—**Thigh.** Sensation as if an iron bar were driven into the leg, from the hip to behind the knee.—**Knee.** [270.] Sensation as if the knee-joints were cut and bruised, with very painful cramps.—**Leg.** Œdematous swelling of the legs, with feeling as if the circulation had stopped.—Inflammation and swelling of the tibia, with abscesses and much suppuration.—He loses control of his legs when walking; they knock against each other, and he staggers at every step.—Paralytic weakness of the legs.—Heaviness and great weakness of the legs; he cannot put one before the other.—Cramps in the legs, mostly in the calf, and especially during and after an embrace.—Drawing pains in the legs, with contraction and stiffness of the tendons.—Acute rheumatic pains in the legs.—**Ankle.** Swelling of the malleoli, with intolerable pains and inability to use the feet.—**Foot.** [280.] Inflammatory swelling of the bones of the foot and toes.—Hammering pains on the instep.—Pulsating and lancinating pains in the heels.—**Toes.** Pains in the toe-nails, as if they were lifted and pulled out.

General Symptoms.—**Objective.** Marasmus.—Inflammation, swelling, and suppuration of the bones.—Abnormal swelling of the arteries and veins.—Blood black, thick, and greasy, or watery and pale.—Sanguineous congestion.—Hæmorrhage.—[290.] Cramps and convulsions, often accompanied by tetanic rigidity.—Laziness and extreme indifference.—State of fatigue and exhaustion, as after sexual excess.—Excessive painful debility.—Extreme debility and indisposition, especially before meals.—Complete bodily and mental prostration.—Partial paralysis.—Great agitation and tremor, with heat of the head, ebullition of the blood, headache, and general sweat, especially in the evening, from heat and on movement.—The least noise makes him start and tremble.—**Subjective.** Constant sense of numbness and intoxication.—[300.] Heaviness and constant vertigo.—Rheumatic and gouty pains.—Bone-pains.—Pains usually appearing on the right side, and then settling on the left.—Can only lie on the left side; other positions aggravate all the pains.—Inclination to be in marshy places full of mud and aquatic plants; longing for stagnant water, as if it would relieve the pains; great dryness of mouth and tongue; very bad-smelling breath; the lungs often seem to be without air, so that speech

fails him; constant hacking cough; he is ill-humored, and envious of others who are in good health.

Skin.—Objective. Skin red and burning, as if from hard friction, or white in some places, yellow and transparent in others.—Skin soft and very sensitive, or hard, like bacon-rind, and as if paralyzed.—Skin morbid and very irritable; the least friction inflames and excoriates it.—Red and blue swellings on various parts, as from bruises.—[310.] Very bad smell of the skin.—Warts and callosities.—Skin of the face hard and apparently very thick.—Wrinkles and fissures on the skin of the face.—Great tension of the skin of the arms and hands.—**Eruptions, Dry.** Small red elevations, which itch and burn like the bites of insects.—Erythema on the inside of the thighs, with itching of the vulva, and increased sexual desire.—Eruption of miliary pimples, which prick the face like pins.—Eruption of small burning pimples, and appearance of lice on the pubis.—Miliary eruption, with much smarting, on the hands.—[320.] Miliary eruption on the legs.—A great many small black points in the face, which can be squeezed out like fleshworms.—Severe furfuraceous herpes.—Pruriginous and burning furfuraceous herpes on the arm.—**Eruptions, Moist.** Vesicular eruption, with much itching of the arms and hands.—Phlyctenoid eruption on the face and lips.—**Eruptions, Pustular.** Large, hard, subcutaneous pimples, very painful and rarely suppurating.—A considerable eruption of pustular herpes, especially on the cheeks.—Miliary, urticarial, vesicular, and pustular eruptions.—A great many boils.—[330.] Severe scabby, suppurating herpetic eruption on the forehead and cheeks, under the nose and on the chin.—Pustular pimples on the penis, which corrode and suppurate.—Boils and inflammatory swellings on the thighs.—**Ulcers.** Phlyctenæ; large patches of ulceration as from burns, especially on fleshy parts.—Ulcers under the nose.—Ulcers, crusts, and fissures on the auricles, with suppuration and bleeding.—Syphilitic-looking corroding ulcers, with raised edges and copious suppuration, on the lower extremities.—Excavated ulcers, white and corroding, with profuse suppuration.—Dirty-looking excavated ulcers on the penis.—Phlyctenæ and ulcers on the lips.—[340.] Small burning pimples, phlyctenæ, ulcers as from aphthæ, and condylomata on the vulva.—**Subjective.** Intolerable itching and prickling all over.

Sleep and Dreams.—Sleepiness. Sleepiness with yawning, especially in the evening and after a meal.—Sleepiness accompanied almost always by lascivious thoughts.—Great drowsiness as soon as it is evening.—Sleep, with starting incoherent talk and mumbling.—Heavy sleep, with frequent and anxious waking.—Comatose sleep, with weakness and heaviness.—**Sleeplessness.** Tardy slumbers.—Too early waking.—[350.] Very restless sleep, full of uneasiness and pain.—Sleeplessness for several nights.—Sleeplessness when in bed.—Sleeplessness accompanied by drowsiness; interrupted by frequent starts, as if on the point of falling; gets no sleep, although feeling greatly in want of it.—**Dreams.** Confused dreams, which cannot be recollected.—Frightful dreams, and especially voluptuous dreams.—Dreams about the business of the day.—Dreams about wickedness and cruelty.

Fever.—Chilliness. Feeling of coldness in chest and back after coughing.—**Heat.** Heat with coldness, shivering, and partial sweat.—[360.] Heat with heaviness of the head, which feels as if crushed by a weight, so that he has to fall forwards.—Biting heat and dryness all over, excessive thirst, anorexia, insipid, sweetish taste; desire for wine and

strong liquor.—Fever, aggravated in the evening, at night, and in the morning on waking.—Fever, with heat of the head, especially the temples; dryness of the mouth, titillation on the tongue, and inclination to spit frequently.—Flushes of heat rising to the head, with a sort of electric vibration, which disturbs all his thoughts.—Great heat of the face and head, with red and burning cheeks, especially in the evening.—Burning heat of the head; he cannot keep his hat on, even when out in the cold.—*Sweat*. General debilitating sweats, staining the linen yellow, and seeming to corrode the skin.—During and after the cough, cold sweat on chest and back; burning in the abdomen; jerky, broken respiration.—[370.] Profuse cold sweat on the face.

Conditions.—The pains are increased by each change of position.—The pains are aggravated in the evening, at night in bed, in the morning on awaking, also in the wind, by damp air, movement, or too much rest, and sometimes by heat.

NOTES AND CORRECTIONS.

MANY of the following corrections are due to the method of preparation first adopted. Only since the employment of a stenographer has very little been copied. Material found in libraries where no ink is allowed must be recopied, but at the libraries of the New York Hospital and of the Surgeon-General's office in Washington ink is permitted, and we must express our acknowledgments of the uniform courtesy and valuable assistance shown at these libraries. That the work is not complete no one knows better than the editor; much material, to which we have references, cannot be obtained in this country, nor from abroad by orders; and it is impossible for an individual to employ clerks in foreign libraries. Each succeeding volume will, however, be more complete, especially in valuable and unlooked-for additions to our knowledge of American drugs from early American journals and monographs. We desire to renew our obligations to Dr. Hughes for his contributions, and to Dr. Dunham for his priceless and numerous verifications, many of them new to the profession; we expect that Dr. Lippe will hereafter continue his contributions to the work. Dr. Hering continues to send the editor critical notes, and several colleagues have very kindly pointed out errors.

We can but feel that this work will place the science of Therapeutics on a firmer and more reliable basis, that it will increase our knowledge of drug-action, and promote the cure of the sick; we only desire that it may be perfect, and to that end let every error be made as public as possible.

In the lists and names of remedies, for ACONITINE read ACONITINUM; for AMYL. NITRIT. read AMYL NITROSUM; for BROMIDUM, CHLORIDUM, and OXIDUM, read BROMATUM, CHLORATUM, and OXYGENATUM (or oxygenisatum); for APOMORPHINE read APOMORPHINUM; for CYANIDUM read CYANATUM; in Volume II unite the two Bismuthums under one heading, BISMUTHUM PRECIPITATUM; omit entirely BOLETUS LARICIS: the proving belongs under POLYPORUS OFFICINALIS; for CALCAREA SULPHURICA read CALCAREA SULFURICA; for BENZOIC ACID read BENZOIC ACID. (abbreviations for Benzoicum Acidum), so correct also CARBOLIC ACID.

In ACONITUM, see notes and additions at the end of the article, also

note the following: to authority 19 add "d," a married woman; bracket s. 4; star and underline s. 9; after s. 14 for 4 h. read 14 h.; after symptoms 21, 94, 124, 125, 126, 136, 138, 146, 152, 179, 180, 183, 184, 187, 189, 208, 212, 218, 220, 221, 238, 266, 294, 308, 311, 355, 360, 371, 491, 530, 534, 536, 545, 547, 549, 606, 609, 610, 613, 701, 703, 705, 706, 707, 709, 710, 743, for ²⁹ read ⁶; after symp. 113, for 19 h. read ^{19a}; after symp. 114, for 19 d. read ^{19c}; after s. 164, for 19 h. read ^{19b}; after s. 165 omit "forenoons," and for 17 d. read ^{19a}; in s. 167 after *especially* add "*in the left side and*;" after s. 196 add ^d after ¹⁹; in s. 242 for right read left; bracket s. 250 and append note given for s. 1365 (in appendix), with which it has no connection; after s. 256, for *t* read ³³; after s. 258, for *t*. read ²⁸; in s. 298, for "with cough" read, when coughing; in s. 313 for "*would be*" read *were*; in s. 316, for "balls" read "right ball;" to s. 347, append note, with symptoms 464 and 552; in s. 349 before "water" insert "hot;" in s. 352 before NOISE insert EVERY; after s. 404 for (19 d.) read ^{19c}; in s. 422 before "double" insert *almost*; in s. 427, before "pain" insert "piercing;" to s. 464 append note with ss. 347 and 552; after s. 520 instead of "16 days after" etc., read "during 16 days after last dose;" after s. 508 for ⁴² read ²⁸; to s. 552 append note with ss. 347 and 464; after s. 576, instead of *t* read ²⁸; after s. 580 add ²⁸; in s. 584 for "pricking" read "stuffing sensation," and after this symptom for ³⁵ read ²²; after s. 617 for "(19 d.," read ^{19c}; in s. 654 for "Pressure" read "Discomfort;" in s. 720 before "knows" insert "cries out and;" after s. 699 for "²¹" read "⁴," after s. 739, for "19 h." read ^{19d}; in s. 751, before "Abdomen" insert "Many;" in s. 753, instead of "hæmorrhoids" read "hæmorrhoidal vessels;" after s. 769, for "(19 d.," read ^{19d}; in s. 776 for "or four" read "to five;" in s. 838, for "but" read "not;" after s. 879, for "21st" read "15th;" in s. 883, after "streamed" insert "in and;" after s. 948, for "(19 c.," read ^{19c}; after s. 985 add ²⁸; after s. 987, for "(19 a)" read ^{19a}; after s. 988, for "(19 h.," read ^{19b}; after s. 989, for "(19 c.," read ^{19c}; after s. 990, for "(19 c.," read ^{19c}; in s. 1077 omit "as" and "a" before "duration;" after s. 1113 add "1;" in s. 1139 before "noticed" insert "*more*;" in s. 1238, for "Same" read "Lame;" after s. 1298, for ³⁷ read ³⁹; to s. 1347 add "and in l. metatarsal bones;" in s. 1376, after "attacks" add "lasting a quarter of an hour;" after s. 1405 add "with some slight headache and looseness of bowels;" in s. 1415, for "guawing" read "growing;" in s. 1464, for "interrupted" read "uninterrupted;" in s. 1481, for "wake" read "wakened;" in s. 1511, for "itching" read "twitching," and after the sympt., for ²⁹ read ²⁹; after s. 1591 add "with restless sleep;" after ss. 1592 to 1595, instead of periods place semicolons; in s. 1587, after "food" add "which tastes good, though there is neither appetite nor aversion;" in s. 1620, for "bowels" read "hands;" in s. 1655, omit "the." In "Notes and Additions," page 44, line 15, for "1223" read 1222, in line 16 for "1225" read 1224, and for "147" read 1221; in line 18 for "1365" read 250. Also, add the following symptoms in their proper places: Pupils very much dilated;⁷ cough from irritation in larynx, with expectoration of gelatinous mucus, 35; oppression of chest, relieved by deep inspiration, 22; chest symptoms worse in the evening, 31; tension and drawing in the lumbar region compelling to bend backward, 35; trembling of arms and hands (immediately), 4; burning warmth along dorsum of index finger, 22; thighs sore to touch, 34; lascivious dreams, 40.

Under AGARICUS EMEPICUS, page 69, line 1, read "hung on a thread which would momentarily break."

In AGARICUS, after s. 1947, for "³³" read ³¹.

In *ALSTONIA SCHOLARIS* omit "(?)" after the name, and after "Apocynæ" add "Alstonia Scholaris, R. Br."

In *AMBRA*, s. 110, for "Painless" read Painful; s. 133, for "acrid" read solid; s. 143, for "rawness" read *scraping*; s. 219, for "NEIGHBORHOOD" read PRESENCE; s. 246 for "on" read above.

In *AMMONIUM BROMATUM*, s. 22, for "moving" read morning.

In *AMMON. MUR.* conditions, for "(*Lying on back*), Cough, etc.," read "(*Lying on back at night*), Cough, etc."

In *AMPHISBENA* read s. 5 as follows: "Dizziness and vertigo with wavering or staggering, which seems to draw you over to the same side, with a series of successive impulses, and then bring you back to the opposite side by an oscillation of the same kind."

In *ANTHEMIS NOBILIS*, s. 24, for "cutting" read "difficulty;" s. 46, for "minutes" read hours; s. 60, for "fever" read peevishness; s. 68, for "back" read neck.

In *ANTIMON. CRUD.*, first line, for "sesquichloride" read "sesquisulphide;" bracket symptoms 67 and 68; the statement in brackets following s. 68 should be a note to s. 68, and read: "After violent vomiting. Left ear soon recovered," etc.; star symptoms 83 and 218; s. 219, insert a comma after urine, put "but rarely" in quotation marks: it is a note by Hughes; s. 260, for "suffocating" read suffocative.

In *ARGENT. NIT.*, note at bottom of page 458, for "T" read 180; s. 580 for "seminal emissions" read "orgasms" (though the former is given in the original).

In *ARISTOLOCHIA*, insert numbers; in s. 48, for "Swelling" read Numbness; in s. 49, for "inflamed" read swollen; ss. 65 and 70, for "Swelling" read Numbness; s. 87, for "eat" read work.

In *ARNICA*, the following notes of Dr. Hughes were unaccountably omitted in the copy: s. 64 note—"See s. 537 and note;" s. 137, note—"In amaurotic eyes recovering sight under the influence of the medicine (con. note to s. 644);" s. 140 note—"See note to s. 137;" s. 294 note "preceding s. 327. See note there;" s. 327 should be bracketed and annotated thus: "In a case of fall from a height in which the chest was bruised;" s. 332 bracket and note—"Not mentioned by this author;" s. 372 note—"In a case of opisthotonos;" ss. 396, 422, and 460, note—"In case mentioned in note to s. 372;" s. 443 should be bracketed and annotated thus—"occurring on the fourth day, and regarded by the reporter as a sign of internal contusion and extravasation;" s. 527 note—"This was only an aggravation of a difficulty in breathing existing before *Arnica* was taken;" s. 530 note—"In a case of heavy fall. Very similar symptoms were noted before *Arnica* was administered;" s. 537 note—"Immediately preceding the restoration of the catamenia;" s. 594 note "not found;" s. 598 note—"See note to s. 372. The sense of concussion was felt in the body generally;" s. 615 note—"See note to s. 372;" s. 632 note—"In paralyzed limbs, to which *Arnica* was restoring power;" ss. 644, 648, 674, 697, 767, 790 note—"See note to s. 632;" s. 895 note—"See note to s. 537;" in authorities No. 14, after "cases" insert "of injury."

In *ARSENICUM*, *Authorities*, after No. 25 insert "La Motte;" in No. 38 for "Baylis" read Baylies; in No. 44 for "applications" read "application;" in No. 47 for "a youth" read "youths;" in No. 48 for "Tennert" read "Jenner;" in No. 50 for "Iseuflamm-Stemming" read "J. Stein-ing;" No. 56 is a repetition of No. 34; in No. 67 after Greiselius read "(s. 1759 from vapor," etc.); in No. 75 for "d. Appons" read "de Appons;" in No. 86 for "Hall, All. lit. Zeit." read "Hall. Allg. Lit. Zeit.;" in No.

87 for "from carrying A. in pocket" read "cases of poisoning;" in the *Symptoms*, s. 2 note—"Not found;" s. 4 bracket, and after it instead of ¹ read ¹¹; s. 33 should not be bracketed; s. 34 omit "mental" note—"The anguish was not the bodily pains;" s. 62 omit "mental" and see note to s. 34; in note to s. 116 for "his" read "her;" in note to s. 138 for "in" read "is;" s. 202 should be bracketed; s. 335 Quelmalz's observation (No. 18) should have been given separately. In it the veins of the eyes only were swollen, and after violent-vomiting; in note to s. 450 for "128, and note" read "134;" in note to s. 458 for "See" read "As;" in note to s. 467 for "457" read "460;" in s. 1166 for "inexpressible" read "indescribable;" s. 1622 should be bracketed; s. 1729 add "for a long time;" after s. 2446 instead of "8" read "86," and note that death did not occur till the 7th day.

In ASARUM, star symptoms 8, 10, 11, 26, 27, 28, 46, 48, 53, 54, 66, 79, 80, 103, 151, 180, 181, 183, 184, 217, 230, 232; star and double underline s. 229.

In Vol. II, under AURUM MUR., *Conditions, aggravation* after ("stooping") insert "vertigo;" in ameliorations insert ("cold water") "Throbbing p. in l. temple"—and ("open air") vertigo."

In BAPTISIA s. 324 for "barn" read "bare," and for "the other side" read "either side."

In BELLADONNA, *Authorities*, No. 14, for "W. S." read "Ws.;" No. 49, for "Juste" read "Justi;" No. 78, for "Weinhold" read "Weinholt;" No. 53, for "Monetti" read "Manetti;" in note to s. 899, for "367" read "938;" in note to s. 1046, for "175" read 864; in note to s. 1219, for "930" read 938; in s. 2016 remove brackets and commence with "*Temporary*;" in note to s. 2089 for "2398" read "2288;" in note to s. 2439 for "846" read "864;" after symptom 3 insert ⁿ, and after the note add, "of Hahnemann's pathogenesis;" after s. 16, for 67 read 69.

In BRYONIA, after s. 178, for "afternoon of first day" read "16th. d.;" in s. 315, line 6, for "heat" read "hearing;" in line 19, for "into" read "as far as;" in bottom line of p. 257, for "very much" read "somewhat more;" on p. 238, line 6, for "sudden" read "towards evening;" line 14, for "sneezing" read "blowing the nose;" after s. 434, add "12th d.;" in s. 546, for "stitches become very irregular" read "stools," etc.; after s. 761, add "28th d.;" for s. 952, read these three symptoms: "Rumbling in bowels, sharp colic and at short intervals two liquid stools (soon after 50 gtt. θ) 11th d. Colic, rumbling in intestines and, within an hour, ten to twelve liquid stools (16th d.). Evening, two liquid stools (21st d.)." After s. 1244, add "6th d.;" after s. 1245, add "19th d.;" page 281, second line from bottom, for "lumbar" read "supra-iliac;" page 282, second line from top, for ";" read "."; page 285, tenth line from bottom, transpose the comma and semi-colon; ninth line from bottom, for "fourth" read "fifth;" page 296, second line from bottom, for "he wrapt himself closely in bed" read "be jerked up convulsively in bed;" page 297, third line from top, for "first" read "22d.;" fourth line from top, for "tenth night" read "ten minutes;" page 297, last line, for "first night" read "22d night of proving."

In CAMPHORA, *Authorities*, No. 16, for "a rheumatic patient" read "rheumatic patients;" in No. 67, for "2, 213" read "9, 210."

In CANNABIS SATIVA, symptom 79, omit "gray;" in note to s. 132, for "subjects" read "subject of."

The following (neither in index to Journal nor in Raue's Record) was brought to my notice by the author:

Cadmium muriaticum. Case of poisoning, reported by Dr. Salzer, M. Hom. Rev., 1871, 294, as reported at page 297 of the *Manual of Medical Jurisprudence of India*.

A slender lad, about 14 years of age, was brought to the hospital on the 2d of March, 1866. On admission he was in a state of perfect collapse, with a cold, clammy skin; radial pulse scarcely perceptible; respiration feeble, slow, and sighing; no stertor; face considerably disfigured, owing to considerable chemosis of both eyes to such an extent as to prevent closure of the lids, completely hiding the pupil; lips everted, the mucous membrane of the mouth being pale and sodden; tongue swollen, greatly resembling the distended belly of a frog; lay apparently unconscious, though, when shaken and roused by dashing cold water on the face, he replies rationally, in a hoarse whisper, to any questions put to him; there was extreme restlessness and throwing about of the limbs; deglutition impeded; with considerable difficulty he could be got to swallow a little milk and water; this was due, in all probability, to a similar condition of parts existing in the pharynx as was seen in the mouth. He died about an hour and a half after taking the dose. On tasting some of the (according to the statement of the mother) supposed Epsom salt, Mr. Hinder experienced, almost instantaneously, a sharp, raw sensation through the tongue, as though it were bared of its epithelial covering, with constriction and drying of the fauces, followed by a spasmodic pain at the epigastrium, attended with nausea and spitting.

The following note from Dr. Hering (received Nov. 17th, 1875) explains itself: "The greatest error in your Vol. I is the translation and reprint of one of the greatest blunders Hahn ever made: footnote, page 206. It would be a long story to tell you how Hahnemann could have been talked into such a horribility as this note. Only the impudent, malicious, and ignorant opposition of Trinks can excuse it a little. What Hahnemann says in his letter to Stapf explains the indignation he felt against this horribly ignorant and devilishly malicious Trinks. Hartlaub was only his tool. All that Hahnemann says about the anonymousness is nonsense. There was no such thing. N—g was a surgeon near Budweis in Bohemia, a candid, upright, well-meaning man, not very learned; his name was Nening, and everybody knew it. According to the laws of his country he had no right to practice except as a surgeon. A lameness of the right arm disabled him from following his calling. His wife commenced a school and instructed girls in millinery; she supported the family by this. Nening became acquainted with homœopathy, and soon was an ardent admirer. He had the grand idea to aid the cause by making provings on the girls in his wife's millinery shop. He succeeded in persuading them. Unluckily enough he came in connection with Hartlaub in Leipzig, instead of with Hahnemann himself. All Austrians were forbidden by a strict law to send anything outside of Austria to be printed; hence not only Nening, but all other Austrians, appeared in our literature with only initials, Watzke as 'G.,' etc.; this shocking law was abolished, but Hartlaub continued his N—g. In Roth's Razzia a most infamous use was made of this note by Hahnemann.

"Since 1828, when Ng. first appeared in public with *Plumbum*, a medicine in which I was personally interested as having been the first prover of it, Ng. was studied with the greatest attention by *myself*, and in forty-eight years nothing but corroborations and confirmations have been experienced. My proposition to you is to cut this sham of our master out of the plate."

