

POISONS AND ANTIDOTES.

It not unfrequently happens that serious and distressing results are occasioned by the accidental employment of poisons, and it occurred to us that we might do a service to our readers by presenting them with a brief and compendious list of more common poisons and the remedies for them to be close at hand:

Acids—These cause great heat and sensation of burning pain from the mouth down to the stomach. Remedies—Magnesia, soda, pearl-ash or soap dissolved in water, then use stomach pump or emetics.

Alkalies—Best remedy is vinegar. Ammonia—Remedy—Lemon juice or vinegar; afterward, milk and water or flaxseed tea.

Alcohol—First cleanse out the stomach by an emetic; then dash cold water on the head and give ammonia (spirits of hartshorn).

Arsenic—Remedies—In the first place evacuate the stomach; then give the white of eggs, lime water or chalk and water, charcoal and the preparation of iron, particularly hydrate.

Lead—White lead and sugar of lead—Remedies—Alum and cathartics, such as castor oil and Epsom salts especially.

Charcoal—In poisons by carbonic gas remove the patient to open air, dash cold water on the head and body and stimulate nostrils and lungs by hartshorn, at the same time rubbing the chest briskly.

Corrosive sublimate—Give white of eggs freshly mixed with water, or soap and water freely.

Cresote—White of eggs and emetics.

Balladonna or night henbane—Give emetics and then plenty of vinegar and water, with a dose of either if handy.

Nitrate of silver (dunar caustic)—Give a strong solution of common salt and then emetics.

Opium—First give a strong emetic of mustard and water and then strong coffee and acid drinks; dash cold water on the head.

Laudanum—Same as opium. Nux Vomica—First emetic, then brandy.

Oxalic acid—Frequently mistaken for epsom salts. Remedies—Chalk magnesia, or soap and water freely; then emetics.

Nitrate of potash—Give emetics, then copious draughts of flaxseed tea, milk and water, and other soothing drinks.

Prussic acid—When there is time, administer chlorine in the shape of soda or lime. Hot brandy and water, hartshorn and turpentine are also useful.—*Harford Courant.*

WHY TIDES OCCUR LATER EACH DAY.—As the moon revolves around the earth from West to East, says Professor Randolph, she advances eastward in her orbit about thirteen degrees every twenty-four hours. Hence when any part of the earth, in its revolution, comes under a part of the heavens where the moon was the evening before, the moon is not there, but has gone eastward thirteen degrees, and therefore the earth must turn on its axis as much longer as is necessary to bring that part again under the moon, which requires generally, not always, about fifty minutes.

The same thing occurs the next evening, and the evening after, and thus the moon rises most of the year about fifty minutes later each day. Now, as the tides are produced mainly by the moon, it will at once be seen from this eastward movement and this later rising each day, why they must occur about fifty minutes later each succeeding day. While the lunar tide is thus daily lagging, the solar tide occurs at the same time. Hence, these two tides always begin to separate after new moon being further apart each day, until they again coincide at full moon, when there is, as already stated, a higher tide than usual, called spring tide. Then again they separate, until new moon occurs, when they once more unite, producing another spring tide.

It must not be supposed that the whole body of the ocean, to its profoundest depths, is equally moved by the tides. The tides are mainly superficial, and, except where the water is of moderate depth, the lowest parts are only slightly disturbed; but to what depth the tidal current extends, can never, perhaps, be satisfactorily determined. The gulf stream is about three thousand feet deep, having for its bottom a bed of colder water of various depths; but as the stream is the result of other causes than those that produce the tides it is not safe to estimate the depth of the tidal currents by its own.

FOOT DISEASE IN SHEEP.—An English veterinary surgeon in lieu of touching the feet of sheep with the usual astringents—a solution of copperas, white vitrol, calcined alum, or spirits of turpentine, advises the superior efficacy of quick lime used thus: Make a well trodden floor; raise a border with puddled clay around the inclosure, so as to secure the uniform depth of nine inches towards the middle of the run; pour into this bath four barrels of water and distribute over the bottom two cwt. of quick-lime, covering it over with a fodder from the racks, so as to form a carpet. Drive the sheep into this bath one hundred at a time, and compel them to pass and repress from one end to the other. The spread fodder prevents the feet sinking too profoundly, and acts as a brush at the same time for forcing the caustic solution to enter the nails. The bath should be renewed often, since the quick lime will soon absorb carbonic acid sufficient to destroy its causticity.

The disproportion between the weight of a small boy and the noise of his boot-heels as he walks out of church at the quietest moment, is a curious problem in dynamics.

NATURAL HISTORY OF A SCOLD.—I had not seen Mrs. — for a week, and supposed her either sick or away from home, when she drove up to the gate one morning with all her children in the carriage, and stopped to exchange salutations. She really looked less bright and blooming than usual, and I said, "You have been ill." "There it is again," exclaimed she, laughing; everybody sees the want of oxygen in my blood. The truth is, I have been sewing steadily for a week upon the children's dresses, and have not allowed myself a breath of fresh air, which I have always deemed essential to my health, and on which I am now convinced my good nature depends entirely. At the end of three days of unbroken sedentary employment I begin always to filter, and can hardly eat or sleep; but on this occasion I held on to my work, and finished article after article, till my head was in such a whirl I could hardly count the garments as I laid them away. But yesterday I became desperate; I scolded poor Bridget for some slight mistake till she looked at me in unutterable amazement. I ordered every child out of the house, even the baby Benny here because I couldn't bear the sound of a footfall within it, and when my husband came at night and told me I looked really ill and nervous, it was the last feather that broke the camel's back—I was sure it was only a courteous way of saying I looked cross and ugly, and burst into a fit of uncontrollable sobbing, and went to bed like a naughty child at eight o'clock. This morning I looked up the unfinished pile of sewing. We are off for the woods. The children say they are in pursuit of fun, but I am after oxygen.—*Lowell Register.*

BURNING MIRRORS.—The history of the burning mirrors of brass is known. At Rome the sacred fire was lighted with apparatus of this kind, and Archimedes fired the ships which were blockading Syracuse by concentrating upon them the sun's rays by means of a large reflector. Buffon repeated successfully the experiment of Archimedes. With a mirror of very slight curvature, consisting of a number of pieces of looking-glass, he set fire at some distance, to fir and beech planks, melted tin and silver, and brought iron to a red heat. Saussure later accumulated, by means superimposed enclosures of glass, the sun's heat up to a temperature exceeding that of boiling water, and Sir John Herschel repeated these experiments at the Cape of Good Hope at various times between 1811 and 1818. At the same period the French physicist Pouillet was engaged at Paris in measuring the colorific intensity of solar radiation, arriving at the conclusion that the heat emitted from the sun and poured down upon the earth in one year would suffice to melt a sheet of ice thirty metres thick and enveloping the entire globe.—*Popular Science Monthly.*

A fearful story is reported from Lloyd's. Last January the Liverpool ship San Rafael, from Birkenhead to Valparaiso with coals, was totally destroyed by fire off Cape Horn. Eleven of the crew were picked up a fortnight later, after having suffered fearful privations, from two of the vessel's boats, and landed in London in April by the ship Yorkshire, from Melbourne. The long-boat, containing Captain McAdam's wife, the carpenter, four seamen and three boys, which left the vessel along with the other boats, parted company, and it now appears that the persons above named all landed on New Year's Island, near Cape Horn, and as the island is barren and uninhabited, they have evidently starved slowly to death, as a vessel recently arrived at Stanley, Falkland Isles, reports having discovered the bodies of eight men and one woman on the island, and these are supposed to be the missing boat's crew of the San Rafael.

Earl Derby has consented to receive depositions relative to the persecution of Protestants in Spain. It was announced at the meeting of various Protestant societies that the German missions have not been molested, in consequence of special stipulations made by the Emperor William. The Times publishes a letter from Barcelona which says: "During the past three months the clergy and aristocracy have made a severe attack upon their employes and servants who dare to worship or send their children to the Protestant schools or churches. Hundreds of poor men and women have thus suffered for their faith."

GEN. CROOK.—General Crook is a little lean, light-haired man, of both military and hunter character. He will go out on the desert alone and sleep in the sage brush, and from seeking and studying Indians so constantly the traits of his mind have become like the Indians. His bright, social wife who has no children, accepts his solitude without complaint. He trails Indians with others, and has destroyed the Apaches, those rangers into Mexico, whose cavalry was once equal to the Mamelukes, and whose lances flashed by thousands hostility to the American emigrant.

TOMATO GRAFTED ON THE POTATO.—Three years ago I tried the experiment of grafting the tomato on the potato. The tomato produced a large yield consisting of some nineteen good sized fruit in an 8-inch pot; the potato made several attempts to throw a stem of its own, but was not allowed to do so, and when turned out of the pot not the slightest appearance of any tubers could be seen. The fruit was pronounced to be excellent.—*The Gardener.*

Dr. John I. Howe, aged 82, inventor of the first practical auto-vatic pin-making machine, and of various other machines, dropped dead in his garden at Birminton, Conn., recently.

AN OPENLETTER—GOOD NEWS. Independent—Republican—Democratic CANDIDATE For Representative in the 45th Congress of the U. S. of America. Also, for one of the Presidential Electors at large for the State of Oregon. S. W. McDOWELL, M. D. of the Capital City.

Subject to the will of the good people, and the legal voters of the State, at the ensuing election, to be held the Tuesday next after the first Monday in November, A. D. 1876. Remember! all votes must be written or printed on plain white paper, without any marks or designation, and all votes received or recorded contrary to this, by the judges or clerks of election, shall be of no effect. So says the election law. Voters, you have the right to make your own ticket, on plain white paper, writing the name of the office and the candidates plainly. Now if you desire to sustain the Doctor by your vote, then place his name on your ticket, legally under the heading or office you wish to sustain him for.

You can vote for him for: Representative in Congress, and also for Presidential Elector, using his name in the proper place or for one only if you desire to do so, and you can scratch or erase the name on either of the party tickets you do not wish to vote for, and write the name of S. W. McDowell in lieu.

Now, if you wish to know his age: about half a century, one of the best-looking men in the State, fair complexion, gray-eyes, portly, about six feet in height, weight 200 lbs, inclined to baldness, and gray; the son of a carpenter, brought up one, and is now following the same; so was our Savior Jesus; and we are not ashamed to own either; the studious, graduated M. D. at the Willamette University, March, 1860; a Douglas Democrat, and a true Republican; no secessionist or corruptionist; honorable, truthful, sober, pure in general habits, a believer in all Christian doctrines; never having indulged in the use of alcoholic liquors, tobacco, cards, swearing, or vicious habits of any kind; a keeper at home. A candidate for the above office, without money, fraud, bribery, corruption, or whisky, etc., but in favor of general reform in the national government, hard money a legal tender for any amount, a good paper currency at par in coin; equal taxation and valorem; revenue tariff; free schools; public improvements of harbors, rivers, locks, canals, railroads, wagon roads, bridges; homesteads to actual settlers of land to citizens; opposed to monopolies, Chinese slave immigration to United States, or servitude of any race or people; to second-rate lawyers filling all the public offices in our government, and drunkards and skin-flints for Representatives in Congress. See Henry Warren's letter to David Newsome, and J. W. McCaslin's to the daily Mercury, and public reports, etc.; facts, vox populi, the voice of the people say so, shame, shame on you voters, be free men, and do your duty as citizens at the polls.

Pledging myself elected to Congress to carry out the will of my constituents and the interest of the State at large, or otherwise or resign. And if elected to the Electoral College of this State, to vote for the person that receives the majority or plurality of the electoral vote for President and Vice President of the United States of America, and in case I fall to me to decide, then to cast my electoral vote with the popular vote of the United States, for said office. So help me God. S. W. McD., M. D. We are opposed to such persons as J. C. Cartwright, E. A. Cronin, L. F. Lane and Slippery-Dick Williams, but in favor of honesty and sobriety, etc. Vox populi say amen.

Editors interested please copy Please circulate and distribute to your neighbor and at the polls on election day and use the following ticket if it suits you. P. S.—Make your election tickets as follows or similar: FOR PRESIDENTIAL ELECTORS, State of Oregon, P. S. W. McDOWELL, J. W. WATTS, W. E. LASWELL.

For Representative in the 45th Congress of the United States of America, SAM. W. McDOWELL.

Let Dr. J. W. Watts represent the north and western part of the State, Let W. B. Laswell represent the east and south part of the State. Let S. W. McDowell, M. D., represent the State at large.

Alterative To Purify the Blood use Dr. Jayne's Alterative. It acts directly on the blood, stimulating the absorbents, overcoming the obstinate state of the pores of the skin, and imparting a healthy glow to the Complexion. Pimples, Puslules, Tetter, and Skin Diseases of all kinds, Mercurial Affections, Tumors, and all varieties of complaints arising from depraved or disordered blood, are effectually eradicated by this remedy.

Scrofula in all its Forms is cured by the persistent use of Dr. Jayne's Alterative. It destroys the poisonous principle which originates Scrofula, and ultimately drives it from the system. It will remove enlargements of the Glands or Bones, and is a safe remedy in cases of Ulcers or Sores of all kinds.

Dropsy and Dropsical Swellings are effectually cured by Dr. Jayne's Alterative. By stimulating the action of the absorbents, all watery or clamorous depositions are gradually carried off, tending up the patient at the same time, by strengthening the digestive organs and exciting the Liver, Kidneys, &c. to perform their functions. For Dyspepsia and Liver Complaint it has proven a remedy, and it has established cures in cases of Epilepsy. It may be safely relied on by any one needing a medicine to build up the system, cleanse the blood, or to restore the normal action of the Secretive Organs.

J. A. STRATTON, Attorney at Law, SALEM, OREGON. Office on State Street, opposite the Bennett Hoag.

NORTH SALEM STORE. W. L. WADE. AT THE BRICK STORE, HAS JUST RECEIVED a full assortment of General Merchandise, Dry Goods, Groceries, Boots & Shoes, Hardware, Clothing

Calculated for the City and Country Trade. Bought as low, and will be sold at as SMALL A PROFIT, as those who SELL AT COST. Goods delivered to any part of the city free of charge. Nov 5

FURNITURE STORE. I HAVE PURCHASED THE ENTIRE interest of Messrs. Yeaton & Longhry in the Furniture Store on the west side of Commercial Street, Salem, and shall keep on hand a GENERAL ASSORTMENT of goods for the retail trade. FURNITURE & UPHOLSTERY Parlor & Chamber Sets, BEDSTEADS, LOUNGES, ROCKERS, & C. By the set or single piece. Repairing and Jobbing DONE IN THE BEST MANNER, And at reasonable price, as I am a practical workman. JOHN GRAY. Salem, July 12, 1875.

The Farmers' Pump. IMPROVED WOOD PUMPS. I AM NOW MANUFACTURING, AT THE MILL of the Capital Lumbering Company, SALEM, a Wooden Pump that is superior to any other ever made in this State, making use of the five years' experience gained in its manufacture here to give the public the Best Wooden Pump ever made. With hard-wood compartments for the plunger to work in, the upper stock being cased in with other wood to prevent cracking by the sun. All persons wishing to purchase a FIRST-CLASS PUMP are invited to call and look at my stock. Pumps delivered and set up, and warranted to work Well. PRICE—\$12 for first twelve feet below the surface; 25¢ cents per foot after that.

A. PRESCOTT. Salem, July 14, 1875.

REAL ESTATE LOANS. OREGON AND WASHINGTON Trust Investment Company OF SCOTLAND.

THIS Company is prepared to negotiate loans in sums from \$500 to \$25,000 on improved CITY PROPERTY and FARM LANDS, for fixed periods of years, or repayable by half-yearly instalments. For terms, apply to WILLIAM REID, Manager, 9 First Street Portland, Nov 19

Valuable Lands for Sale. 600,000 ACRES. EASTERN OREGON, Farming and Grazing Purposes. These lands are situated in Wasco, Grant, and Baker Counties, and are offered for sale in such sized tracts, not less than 160 acres, as purchasers may desire. Here is afforded a most favorable opportunity to immigrants and settlers seeking homes and low-priced land, to acquire both on the most reasonable terms. These lands are excellent for farming and grazing. On most of the tracts no grubbing or other preparation of the land for plowing is requisite. A growth of nutritious grass covers the uplands, affording the best food for stock, while in the valleys and bottom lands the grass can be mowed and made into hay.

Living Springs and Streams. Water the lands in various directions. The uplands, or rolling lands, can be put into crops with the most satisfactory return.

FRUIT, Particularly PEACHES, PLUMS, GRAPES, APPLES, PRUNES, and CHERRIES, as well as the SMALLER FRUITS, can be grown in great abundance. The Climate of Eastern Oregon is very Healthful. Flourishing towns are located at convenient points for traffic; the mails are regularly conveyed throughout that section, and a prosperous population is already established, occupied in farming, stock-raising, mining, and various other pursuits.

TERMS—\$1 25 per acre and upwards, according to quality and quantity. Interest ten per cent. on deferred payments. For further information, apply in person, or by letter, to GEO. L. CURRY, Agent, Cree's Building, Stark St., betw. Front and First, Portland, Oregon. July 20

FRUIT-PITTERS, For Sale by the Inventor and Patentee, B. A. LILLIE, Portland, Or., Second St., betw. Salmon and Main.

It pits even the worst varieties of fruit, with perfect success, without waste and great rapidity.—FRANK PYLE, Sup. Allen Fruit Factory, Oregon City.

It will pit 2,000 pounds of cherries in ten hours, and do it better than it can possibly be done by hand.—S. LUTTING, N. W. Oregon, Alsea, Oregon.

SALEM FOUNDRY, & Machine Shop. SALEM, OREGON. B. F. DRAKE, Prop'r.

STEAM ENGINES, SAW MILLS, GRIST MILLS, Reapers, Pumps, and all kinds and styles of Machinery made to order. Machinery repaired at a short notice. Pattern-making done in all its various forms, and all kinds of Brass and Iron Castings furnished at short notice. Also, manufacturer of ENDSLERS' PLANER and MATCHER, and STEELERS' SHAPERS.

MOUNTAIN BALM The Great Oregon Remedy for CHRONIC COUGHS, COLDS, AND OTHER Diseases of the Lungs. IS ABSOLUTELY HARMLESS—CANNOT INjure the most delicate. This balm is a beautiful, agreeable—pleasant to the taste—preparation with great care—can be had at both FRIEDMAN'S and COX & BELT'S Drug Stores, Salem. 1875

THOROUGH-BRED STOCK. B. E. STEWART & SONS, Importers and Breeders of Thoroughbred Shorthorn and HOLSTEIN CATTLE, Pure-bred Merino and Cotswold Sheep, Berkshire Hogs, and Fancy Poultry.

Our farms are situated one mile from North Yamhill Station, on Oregon Central Railroad. Address, North Yamhill, Yamhill Co., Oregon.



WEATHERFORD & Co., Wholesale and Retail Dealers in

DRUGS, PAINTS, OILS, GLASS, Patent Medicines, CHEMICALS, Perfumery TOILET GOODS, Etc., etc.

PURE WINES AND LIQUORS, For Medicinal purposes. Medicines Compounded, and Prescriptions Filled. Weatherford & Co., Jan 6-y Commercial street, SALEM.

JOHN G. WRIGHT, Dealer in

FAMILY GROCERIES, Crockery and Glassware, Wooden and Willow Ware,

Tobacco and Cigars, COMMERCIAL STREET. Salem, April 20, 1875. d&wt

Patronize Home Manufacturers! WILLAMETTE Stove Works

HAVING THE BEST PATTERNS OF STOVES now made, and the latest improvements, we are manufacturing Stoves at The Lowest Rates. Also HOLLOW WARE, and all STOVE EXTRAS cast on orders. We most respectfully solicit your patronage for the Dexter Stove.

RICHARDS & RODGERS, Proprietors, Portland, Or., Front St., betw. Main and Madison. S. H. CLAUGHTON, Proprietor, LEBANON HOTEL, LEBANON, LINN CO.

THE undersigned would announce to the citizens of Linn and adjoining counties, and to the traveling public, that he has thoroughly refitted and refurnished his well known Hotel with new furniture throughout, and is now prepared to accommodate those who may favor him with a call, in the most satisfactory manner. The Table will be amply supplied with the best fare market affords, and the utmost pains will be taken to please all. Special pains will be taken to procure comfortable conveniences for parties wishing to visit the SODA SPRINGS at Soda-ville, three miles from Lebanon, where a few days or even weeks may be pleasantly passed during the heated term. May 26. S. H. CLAUGHTON.

DR. N. Y. CHASE, Brevet Lt. Col., late Surgeon U.S. Volunteers, Office, Durbin's block, up stairs, 477

Stock Advertisements. G. W. DIMICK, Hubbard, Marion Co., Breeder of Shorthorn and Devon Cattle, Berkshire Pigs & Light Bramah Chickens.

YOUNG STOCK, OF ALL KINDS, FOR SALE Fresh or on time, with good security. Oak Grove Stock Farm, July 21, 1875. ap3

JOHN MINTO, BREEDER OF MERINO SHEEP, MAKES pleasure in offering to the Wool-growers of Oregon and the adjoining Territories, the chance to purchase THOROUGH-BRED MERINOS, and assuring parties interested that they can, and will endeavor to sell Sheep of the same quality and value at MUCH CHEAPER RATES than such can possibly be imported. Examination and comparison with other Sheep offered in the market are cordially invited. Address JOHN MINTO, Salem, Oregon.

N. B.—The Rares and Rare Lots of the flock can be seen on the ISLAND FARM, adjoining Salem.—The flock can be seen at the same place, or at the HILL FARM, four and a half miles south of the city. Salem, September 19, 1875.

THOROUGH-BRED STOCK. B. E. STEWART & SONS, Importers and Breeders of Thoroughbred Shorthorn and HOLSTEIN CATTLE, Pure-bred Merino and Cotswold Sheep, Berkshire Hogs, and Fancy Poultry.

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