SCIENTIFIC AND INDUSTRIAL.

A Pasteur Vaccination Institute is being planned in Rome.

French mechanical engineers are making experiments with cork car springs.

An immense reservoir is being made for the storage of water when the overflow of the Nile falls.

For a fifty-candle light circuit 10,000 ohms is claimed as a safe insulation against danger from fire.

Two gas buoys for use in navigation have been successfully placed in Melbourne (Australia) harbor.

Switzerland, next to England, is said to be the most important seat of the systematic study of botany.

Lebel rifle cartridge cases are of solid drawn copper; the bullet is of type metal with a thin coating of steel.

Dr. Abbott thinks that the well-known behavior of the opossum when attacked is due to paralyzing fear.

A German artillery officer has discovered a new powerful explosive for shells. It is manufactured from carbolic acid.

The artesian well basin of Dakota supplies abundant water under a pressure of 140 pounds to the square inch from wells 1165 feet deep.

E. W. Bowditch, a Boston sanitary expert, has contracted to make a thorough examination of the sewerage system of Jacksonville, Fla.

The Hume Carriage Company, Amesbury, Mass., has recently received several orders from Germany for carriages to be sent to that country.

An English physician recommends the sting of bees as a remedy for rheumatism. He says that he has successfully treated 173 cases and administered 30,000 stings.

The great advantage of high-speed engines is that the steam has no time to condense, or, rather, that very little of it is condensed in comparison with the amount utilized.

The preparation of lumber for match woods, at the factory in Athol, is now carried on by means of a steam dryer, the apparatus, as stated, possessing the advantage of being much less expensive and dangerous than the old.

Russian officials have tested and reported favorably upon a Russian invention for applying the revolver principle to the barrels of Berdan rifles. By this arrangement a machine gun is obtained which will fire forty-eight shots a minute.

The temperature of the ocean, as determined by recent investigations, is very low. It is ice cold at the bottom under the equator, but on the surface within the tropics there is a relatively thin film of warm water with a temperature of from seventy to eighty-four degrees Fahrenheit.

There is a cob pipe factory located at Sedan, Mo., which is doing a rushing business. The factory pays at the rate of 1½ cents for 1½-inch cobs and 1¼ cents for 1¼-inch cobs. A man hauled a load the other day of 1½-inch cobs which brought him $64. The time may yet come when the people will raise wheat for the chaff.

Experiments are being made with a new kind of bullet for the Berdan rifle, used by the Russian troops. It was at first proposed to cover the tip of the bullet with a copper sheath, but this idea has now been abandoned, as the copper was found to cause a poisonous wound. It is now practically decided to use a nickel sheath.

Naturalists who have made their habits and history a specialty do not admit that snakes can jump clear of the ground. When coiled up they can spring forward or throw their body out to its full length; the hind part, however, will still rest on the ground, where it was before the snake uncoiled itself. Many careful observers say snakes cannot jump clear of the ground in striking at an enemy.

Mr. A. D. Elbers has recently invented a process for converting iron slag into paving blocks. His process removes the sulphur from the slag, and makes it a homogeneous mass of great toughness and durability. It is cast into square blocks of any desired size, and is claimed to equal in quality to the best Belgian paving stones. Its cost is considerably less than natural rock. As the output of slag from the production of American pig iron is now about five million tons annually, according to Mr. Elbers, there is room for a big industry.

Care of the Eyes.

Shades on lamp or gas burners should be of "milk" or ground glass; never of colored glass.

Never sleep opposite a window which will throw a flood of strong light on your eyes when you wake in the morning.

When bathing the face do not open the eye under water, as this is apt to be injurious to the epithelial covering of the eye.

In all institutions, particularly for children, where the eyes are required to do close work, the proportion of the square surface of the windows to the square surface of the floor should never fall below one to four.

The short-sighted eye is essentially a diseased eye, and should be treated as such. It effects by preference those who use their eyes constantly for fine or neat work, and is almost unknown among the uncivilized nations.

When children work by light which falls in their faces they are apt to bend the body forward so as to shade the eyes by the head, or else twist it around so that the light shall fall on the page. Both of these positions are pernicious. There is great danger of the chest becoming narrow and contracted and of the spine becoming curved.

To bathe the eyes properly, take a large basin of cold water, bend the head close over it, and with both hands throw the water with some force on the gently closed lids. This has something of the same effect as a shower-bath, and has a toning-up influence which water applied in any other way has not.

Does His Work While Asleep.

Joseph Robinson, twelve years of age, living with his father four miles south of St. Joseph, Mo., is afflicted with neurosis. Only two cases of the kind have been known to medical science. The boy sleeps while standing and walks in his sleep. While in a hypnotic state he performs the daily routine of work to which he has been accustomed, and is perfectly under the influence of the person talking to him. While being operated on a needle was stuck in his arm, but he did not give the least evidence of having experienced pain. Physicians in consultation thought the case incurable.—*Chicago Herald.*

A speech of the Princess of Wales recorded in the phonograph is: "You are the most wonderful instrument I have ever seen or heard of. I wish that I might have one like you for my own."

Jews are found in large numbers along the northern coast of Africa, as well as in Abyssinia.

FARM AND GARDEN.

Disposal of House Slops.

Have trees and grass and flowers around the house to eat up the slops and dish-water thrown out and emptied here and there on the premises, and to render harmless all these substances that in their decay might endanger people's health. This plan is better than to have drains or sewers as usually constructed in and near farmhomes. There is a safer way, however, of dealing with house slops, washing suds and liquids of that sort. Keep a barrel on wheels near the kitchen door as a fitting receptacle for all such substances, and empty its contents from time to time upon the garden, on meadows, or upon the compost heap. —*American Agriculturist.*

Hillside Plows.

The use of hillside plows is by no means confined to plowing hilly land. Many farmers (the writer especially) use no other plows for even level land, as there are several advantages in their use. Land may be plowed without back or double furrows, and may be kept perfectly level; the land may be harrowed and sown or planted close up to the plow, thus saving time if necessary to do so. The writer's method of using these plows on level land is first to plow a double open furrow in the middle of the field; then close this furrow and go on plowing on one side back and forth until within the width of a headland from the fence; then to plow the other half, and then go all round the field, and finish the headlands. A perfectly level field is left.—*New York Times.*

Effects of Training.

An interesting instance of the results of training was recently given in my dairy, says Henry Stewart in the *American Agriculturist.* The home-bred cows are all reared without ever having sucked their dams and are hand-fed from birth. There has never been any difficulty in teaching the calves of these cows to drink the milk. One lesson, giving the finger to guide the young thing to the milk in the pail, and then gradually taking it away, has always been sufficient. The calf of a cow purchased some time ago, and now weaning, has shown an extraordinary obstinacy and simplicity in refusing to drink, and nearly two weeks' time has been occupied in teaching it. This cow when a calf sucked its dam for a month and her calves up to this have always sucked. The habit is thus inbred.

Trenching for Gardens.

Old English horticultural authorities speak very highly of deep trenching with plenty of manure as a preparation for many crops in gardens. We never tried it except for celery years ago, and do not expect to repeat that experiment. Labor costs too much in this country to do anything by hand labor that can be done by horse power. But if trenching be really helpful, subsoiling ought to beneficial. True subsoiling is indeed better than average trenching, for less of the richer surface soil will be mixed with the subsoil by the former method. Gardens are usually heavily manured. Considerable amounts both of nitrogen and mineral manures are carried down out of reach of crops, unless the subsoil plow opens and lightens the hard soil beneath, so that roots can penetrate it. For this reason seeding old gardens with clover is often advisable. The long tap roots of the clover reach down and enliven the subsoil, beside bringing up some fertilizing material that would otherwise be lost.—*Boston Cultivator.*

Method of Fumigating Bees.

Some claim that it is impossible to destroy worms in the comb by fumigation, although that is a remedy that has been suggested. A practical bee keeper gives the following in the *American Bee Journal* as his method: "I had a lot of sections piled in a room fifteen feet square, and concluded to smoke the whole room. So I lighted five pounds of sulphur early in the day so that I thought it would all burn before night, and kept occasional watch of it through a window. At dark it was burning apparently the same as when first lighted, and at bedtime the same. Although I thought it entirely safe, I never feel that I can be too careful about fire, so I concluded to set up with it until it expired. I did not get to bed until after one o'clock. My method of using was this: The sulphur was put into a kettle holding about a gallon. A common kettle holding three or four gallons was partly filled with ashes, and in this the smaller kettle containing the sulphur placed, and over all a tin cover that did not fit closely. I suppose this cover allowed plenty of air to enter to keep up combustion, but made it burn slower than if enterely uncovered. Previous to covering, a lighted match was laid on the sulphur, and that was all the attention it received except the watching, and no doubt it would have burned just the same if I had been a mile away. I do not think that roll brimestone would act just the same, but I suspect a part of it mixed with powdered sulphur might answer. The cost is so little that I have always used it in the powdered form."

Practical Poultry-Feeding.

Perhaps a little talk on poultry-feeding may be interesting, says a contributor of the *Prairie Farmer.*

In the first place, how many farmers feed their poultry at all? Very few, I am afraid. I have been watching all winter, and find that the majority of farmers let their chickens run around the farm and scratch where they get a chance, and when the ground is frozen so that they can't scratch, the chickens huddle up close to a hay or straw stack, and look as though they would thank some one to cut their heads off. When night comes, they have to go to the pigpen for supper, or go without, and then fly up on some shed for the night. Yet farmers say that hens laying eggs in winter is all fiction. But such is not the case, and if they will put up comfortable buildings for their fowls and feed them properly, they will find that a hen will lay in winter nearly as well as in summer.

Then they say: "Why, I have tried feeding my hens, and they don't lay." Very true; but what have you fed? "Why, I give them all the corn they want." Well, I don't blame them for not laying. Now I will tell you what I feed, and my hens are laying every day. In the morning I give my chickens rye, that is, a quart to about sixty hens, sprinkled in straw so that they have to scratch—and I tell you they enjoy scratching for it, too. Then I nail up a couple of heads of cabbage in the henhouse, so that they can reach it, and let them eat all they want of it. About noon I give a little oats or rye, just to get them to scratch, and at night I give them the table-scraps, and, once in a while, a little sun-flower seed. I use corn as little as possible, as I don't think it is the proper food for laying hens. In the way of drinks, I give milk altogether, and think it far better than water.

I keep my poultry house well bedded with straw, and even if you don't feed any grain in the straw, they will scratch, anyway. In very cold weather I keep fire in it and think it pays well.

Symptoms and Cure of Ringworm.

Ringworm (Tinea tonsurans) is a common disease among horses and cattle, especially in the winter. As this parasite is readily transmitted from domestic animals to man it is not safe to leave it to multiply undisturbed. It usually appears on the face, around the nose and eyes, and as the hair falls off it leaves bald round spots covered with white scales and surrounding them there is a ring of broken and split hairs, at the roots of which there are more or less small pimples and eruptions. If the disease is allowed to spread the entire face and neck will sometimes become entirely bald. The hairs around the bald spots should be shaved off and the skin painted with iodine, or with a solution of corrosive sublimate, made by dissolving forty grains in a pint of water. An excellent ringworm ointment may be made by mixing together one half ounce of iodine, two ounces of glycerine and mercurial ointment and eight ounces of olive oil. This ointment should be applied twice a week until the disease is checked, and then the parts washed with soap and water.—*New York Sun.*

Farm and Garden Notes.

Sulphate of copper, it is said, will prevent black rot in vineyards.

A beekeeper says that catnip planted near the hives is fine for young bees.

Eggs should be gathered twice daily, that hens may not break and learn to eat them.

Eggs intended for hatching should not be over two weeks old, and do not use pullet's eggs.

Where are the house slops emptied? If by the kitchen door, look out for cases of the worst sort of fever.

It is unsafe to feed either oats or wheat without considerable water and ashes, gravel or grinding substance.

The best birds should not be sold off in the spring, but retained as breeders to maintain the quality of stock.

Buckwheat is pronounced excellent egg feed, but expensive as compared with other food. Oats also rank high.

The use of kerosene on peach trees or vines is to be avoided, as it is far more dangerous to the trees than to the insects.

It is now almost too late to prune grapevines, as the sap has commenced moving, and bleeding impairs their vitality.

Affected limbs should be cut off at once. Black knots, blight on injured limbs, are also injurious and should be immediately removed.

Pear trees that refuse to grow may be treated with wood ashes placed about the roots of the trees. The trunks should be washed with strong soapsuds.

A Wisconsin farmer thus states what he believes the essentials for renovating a wornout farm: The first is clover; the second, clover; the third, clover.

A dairywoman claims that by milking three times a day she gets more butter, and that the noon milking has twice as much cream as the night and morning.

Don't delay grass seeding a day beyond the first opportunity, for the first chance is better than any other, never sure, and in every result more satisfactory.

Butter at less than twenty-five cents a pound means a good deal of hard work without adequate returns, no matter how good the breed of cows nor how liberal the feeding.

Four quarts of timothy seed to the acre, distributed early in March, may be counted safely as worth more than eight quarts in May, for the early start is a guaranty of success.

Try the cows, each separately, for in a herd of twenty the chances are that some will be wholly unprofitable, and wise economy will require that they be taken out for slaughter.

It is estimated that there are 320,000 known species of insects which prey upon the crops of the farmers. The work of successfully combating these pests is one which will keep the new Cabinet Department busy for some time to come.

A single error in farm practice, multiplied by many millions, may cost this great country enough to cover all expenses of Government—hence the wisdom of establishing and maintaining experimental stations where error may be discovered and corrected.

A fruit grower reports that having an orchard of young trees badly infested with bark lice, he made a solution of sal soda—half a pound to a gallon of water—and applied it with a whitewash brush. In a week's time they were all dead and washed off. The trees grew two feet a year afterward and remained very healthy.

The farmer's insect foes are working night and day. They increase rapidly. They breed under pieces of boards, bark, sticks, weeds, and any kind of rubbish. Remove all such hiding places. Clean yards and clean farms are good for half the evil. Paris green, London purple, or hellebore, if thoroughly used in spraying fruit trees, vines and bushes, will do wonders with the other half.

A Horse That Feeds Another.

Billy, a remarkably intelligent horse used in the police wagon of Division 9, has taken up an idea which he follows daily. One of the mounted officers in the division leaves his horse in the stable connected with the station on Blue Hill avenue, near Dudley street, while he answers to the roll-call at noon and again at six o'clock. The officer fastens his horse to the post forming one corner at the head of Billy's stall, and as soon as the animal is tied, Billy picks up a mouthful of hay, forces it through the iron grating about his stall, and waits until his guest has eaten it. Then he repeats the operation and continues his hospitality until the officer returns for his horse. Billy began to do this early in the fall, without any suggestion from the men, and he does it twice a day, much to the satisfaction of his visitor. The performance has attracted considerable attention in the neighborhood, and Billy's politeness has won him many friends.—*Boston Transcript.*

A Unique Plant.

The gradual extinction of a species is not an uncommon phenomenon. In most cases many individuals of the vanishing species are known to exist. One plant, however, seems to be perfectly alone in the world—the last of its race. This unique specimen is on the island of St. Helena. It is a tree about twenty feet high. Formerly this species seems to have been common on the island, forming large groves, but the woodman's ax and the ravages of goats have left only this single specimen. It is unique in another respect and of great botanical interest, for it bears flowers like those of the aster, being, in fact, the only known tree of the compositæ, a family which, with this exception, comprises only herbaceous plants. It is to be hoped that an attempt will be made to propagate the species from the seed of this plant.

Mrs. Benjamin Harrison is fifty-seven.

NEWS AND NOTES FOR WOMEN.

American silks have received a boom.

Violets are the flowers of the passing season.

The bustle is almost an hallucination of the past.

School suffrage has been extended to Michigan women.

Among flower pins the pansy is still easily a first favorite.

The bride of Prince Alexander of Battenberg has red hair.

Wellesley College has a Japanese student, Miss Kin Kato.

Steel is the very effective and popular metal used for trimming.

The genuine mutton leg sleeve is one of the features of new gowns.

The rage for whistling is spreading rapidly among the young ladies.

Accordion pleating is decidedly the fashion for the fronts of dresses.

The right of women to practice medicine in Canada has been established.

An emerald-set frog with diamond eyes is the quaintest of new lace pins.

There are just a dozen shades of tan color which are fashionable at present.

The custom for ladies to appear in scarlet hunting coats is growing in England.

The widow of General John A. Logan is writing an article on the German Army.

Dull blue sashes are in high favor in Paris for wear with gowns of nettle green.

Anything or everything but the commonplace is allowed by the fashion of to-day.

French gold and polished cut steel will be chiefly used in millinery jewelry this spring.

Ribbons always have been and probably always will be lavishly used on Paris made gowns.

Mrs. Pierie, of New York, was awarded the first prize at the beauty show in Nice.

A French savant has recently announced his belief that women are increasing in size.

Jet appears in many forms in the new spring millinery ornaments and tinsel in the woven tissues.

Mrs. Ella Dietz Clymer was elected President of Sorosis, the National Woman's Society.

Mrs. Mary Tillinghast is the one woman in the field of architectural decoration in New York.

Bayonne, N. J., has a centenarian who claims that Washington kissed her when she was a little girl.

Paris sends us for summer wear cambrics and percales in stripes or flowers, or else with borders.

Sorosis and the delegates resolved to form a confederation of women's clubs from all over the country.

The women of Wichita, Kan., have petitioned that a woman be put on the State Board of Charities.

In Denmark and North Germany girls as well as boys are received and trained in the agricultural colleges.

The price paid by an English woman for a court dress is from $500 to $750—by an American from $1000 to $1500.

A bill to give women the right of suffrage at Presidential elections has been introduced in the Pennsylvania Senate.

Miss Hattie Carter, of Kearney County, Kan., has won several prizes at lassoing in competition with cowboys.

Mrs. Henry Villard, the wife of the famous German American financier, is the only daughter of William Lloyd Garrison.

Mrs. Harrison's new piano is of Circassian walnut with silver pedals, and a backing of yellow satin to the fretwork in front.

For the first time a female artist is commissioned by the French Government to execute decorations for a public building.

The latest hobby of the Baroness Burdett-Coutts is giving prizes for flower culture to the poor children of London ragged schools.

In Burmah a woman missionary converted a stalwart native and married him out of hand to insure his holding fast to his new faith.

Empress Elizabeth, of Austria, has a traveling basket all fitted up with gold handled silver saucepans for making soup and other dishes.

Miss Jennie Flood, who is said to be a modest, sensible girl of twenty-five years of age, is heir to all her bonanza father's immense wealth.

Miss Dalias York, fiancee of the Duke of Portland, is as long as her purse, being something over six feet high. Her fortune is in the millions.

A revival of an old fashion, which is likely to prevail this summer, is that of having a fall of lace drooping from the brim of the large, black round hats.

A correspondent writing from Athens says that a remarkable feature of Athenian society is the beauty of the women, at least ninety per cent. of the women and young girls seen at the parties being positively pretty.

Mrs. Eaton, sister of President Harrison, wore at the inaugural ball a lace shawl that belonged to her grandmother, wife of the first President Harrison, together with a locket once owned by the wife of that Benjamin Harrison who signed the Declaration of Independence

Your Blood

Needs a good cleansing this spring in order to overcome the impurities which have accumulated during the winter, or which may be hereditary, and cause you much suffering. We confidently recommend Hood's Sarsaparilla as the very best spring medicine. By its use the blood is purified, enriched and vitalized, that tired feeling is entirely overcome and the whole body gives strength and vigor. The appetite is restored and sharpened, the digestive organs are toned, and the kidneys and liver invigorated.

"I was feeling very much worn out and found nothing to benefit me till I took Hood's Sarsaparilla. I have now taken several bottles and it has made me feel perfectly well. I was also troubled with sores breaking out in my mouth, but since taking Hood's Sarsaparilla have had no further trouble from them. I have recommended it to others, who have been very much benefited by using it."—Mrs. Mary Apperly, 421 North Water Street, Decatur, Ill.

Hood's Sarsaparilla

Sold by all druggists. $1; six for $5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar

WE guarantee no other LAWN MOWER will do the work of the Lawn Mower of Continental Lawn Mower. LLOYD & SUTTER HARDWARE CO., Philadelphia, Pa

Secrets Free Masonry, Signs, Grips and Morgan's fate by mail on receipt $1 Peoples Pub. Co., St. Paul, Minn

HOME STUDY. Book-keeping, Business Forms Penmanship, Art Sketch, Short-hand, etc. thoroughly taught by MAIL. Circulars free Bryant's College, 437 Main St., Buffalo, N. Y

$5 to $8 a day. Samples worth $1.50 FREE Lines not under the horse's feet. Write Brewster Safety Rein Holder Co., Holley, Mich

ORATORS say Piso's Cure for Consumption is THE BEST for keeping the voice clear. 25 cents.

Vivid Writing.

A little descriptive piece entitled "Over the Guns," from the Detroit *Free Press*, of which we give a paragraph, reminds us that great advertisers, like H. H. Warner & Co., proprietors of Warner's celebrated Safe Cure, might get a hint from it.

Here is the paragraph:

"Shoot to the right or left, over the guns or under them. Strike where you will, but strike to destroy. Now the hell surges down, even to the windows of the old farm-house—now back under the apple trees and beyond them. Dead men are under the ponderous wheels of the guns, mad devils are slashing and shooting across the barrels. No one seems to know friend from foe. Shoot, slash, kill and—

"But the hell is dissolved. The smoke is lifting, shrieks and screams grow fainter, and twenty or thirty living men pull the dead bodies away from the guns. Three hundred dead and wounded on the single acre. They tell of war and glory. Look over this hell's acre and find the latter." And in just as deadly a strife, though noiseless, are men falling at our right and left to-day. Is it war? Yes, war of the blood. Blood loaded with poison through imperfect kidney action. And is there no power to stop this awful slaughter? Yes, Warner's Safe Cure, a tried specific, a panacea that has brought life and hope to hundreds of thousands of dying men and women.

He enlisted, therefore, in the great army of living men and women who have been rescued from disease and premature death, and be eternally grateful that the means of life can so easily be yours.

Eiffel Tower Elevators.

The Eiffel Tower, at the Paris Exposition, has enough elevators to take 2550 persons up to the first story and 750 persons to the top in an hour, and counting all the stairs five thousand visitors can be admitted to the tower every sixty minutes. By means of the two elevators one can reach the apex in five minutes. As to the means required for that result it is estimated at four hundred horse-power. There is consequently installed at the foot of the tower a pump of four hundred horse-power, which will send to the upper reservoirs all the water required. So, you see, the going up "as high as the sky," not to mention the coming down again, will not be the least interesting of the many industrial incidents of which the Champ de Mars will soon afford us the spectacle.—*San Francisco Chronicle.*

No Chemicals.

IN THESE DAYS when food adulteration is so common, it is a comfort to find an article for the table that is thoroughly reliable. Walter Baker & Co.'s breakfast cocoa is eminent in this limited class. No chemicals are used in its manufacture and it is absolutely pure. It forms moreover a delicious and healthful drink, as refreshing and more nutritious than tea or coffee, and free from the injurious effects that these beverages sometimes produce. And it is very cheap withal. The house of Walter Baker & Co. has maintained for more than 100 years a great and honored repute by the excellence and purity of its manufactures.

THERE will be about ninety vacancies this year at the United States Naval Academy.

Interested People.

Advertising a patent medicine in the peculiar way in which the proprietor of Kemp's Balsam, for Coughs and Colds, does it is indeed wonderful. He authorizes all druggists to give hose who call for it a sample bottle *Free*, that they may try it before purchasing. The Large Bottles are 50c and $1. We certainly would advise a trial. It may save you from consumption.

AN Australian experiment of shipping oranges to London proved very successful.

For Rickets, Marasmus, and Wasting Disorders of Children,

SCOTT'S EMULSION of Pure Cod Liver Oil with Hypophosphites is unequaled. The rapidity with which children gain flesh and strength upon it is very wonderful. Read the following: "I have used Scott's Emulsion in cases of Rickets and Marasmus of long standing, and have been more than pleased with the results, as in every case the improvement was marked."—J. M. MAIN, M.D., New York.

A Radical Cure for Epileptic Fits.

To the Editor—Please inform your readers that I have a positive remedy for the above named disease which I warrant to cure the worst cases. So strong is my faith in its virtues that I will send free a sample bottle and valuable treatise to any sufferer who will give me his P. O. and Express address. Resp'y, H. G. ROOT, M. C., 183 Pearl St., New York.

The best cough medicine is Piso's Cure for Consumption. Sold everywhere. 25c.

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THE GREAT REMEDY FOR PAIN

IT CONQUERS PAIN.

Relieves and cures RHEUMATISM, NEURALGIA, Sciatica, Lumbago. HEADACHE, Toothache, Sprains, BRUISES, Burns and Scalds.

At Druggists and Dealers. THE CHARLES A. VOGELER CO., Baltimore, Md.

Diamond Vera-Cura FOR DYSPEPSIA,

AND ALL STOMACH TROUBLES SUCH AS Indigestion, Sour Stomach, Heartburn, Nausea, Dizziness, Constipation, Fullness after eating, Foul Breath in the Mouth and disagreeable taste after eating, Nervousness and Low Spirits.

At Druggists and Dealers or sent by mail on receipt of 25 cts. in Stamps $1.00 in stamps. Sample sent on receipt of 2-cent stamp.

The Charles A. Vogeler Co., Baltimore, Md

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ELY'S CREAM BALM IS WORTH **$1000** TO ANY MAN, Woman or Child SUFFERING FROM **CATARRH** *for a Liquid or Snuff.*

A particle is applied into each nostril and is agreeable. Price 50 cts. at druggists; by mail, registered, 60 cents. ELY BROTHERS, 56 Warren St., New York.

CATARRH ELY'S CREAM BALM CURES COLD IN HEAD CATARRH ROSE-COLD HAY-FEVER DEAFNESS HEADACHE PRICE 50 CENTS ELY BRO'S, OWEGO, N.Y. U.S.A. **HAY-FEVER**

GRATEFUL—COMFORTING.

EPPS'S COCOA

BREAKFAST.

"By a thorough knowledge of the natural laws which govern the operations of digestion and nutrition, and by a careful application of the fine properties of well-selected Cocoa, Mr. Epps has provided our breakfast tables with a delicate beverage which may save us many heavy doctors' bills. It is by the judicious use of such articles of diet that a constitution may be gradually built up until strong enough to resist every tendency to disease. Hundreds of subtle maladies are floating around us ready to attack wherever there is a weak point. We may escape many a fatal shaft by keeping our selves well fortified with pure blood and a properly nourished frame."—*Civil Service Gazette.*

Made simply with boiling water or milk. Sold only in half-pound tins, by Grocers, labelled thus: JAMES EPPS & CO., Homœopathic Chemists, London, England.

Ohio IMPROVED Chesters WARRANTED CHOLERA PROOF. EXPRESS PREPAID. WINS 1st PRIZES IN U. S. & FOREIGN COURTS. PIGS, 2 WEIGHED 2806 LBS. SEND FOR DESCRIPTION & PRICE OF THESE FAMOUS HOGS. ALSO FOWLS. L. B. SILVER CO. CLEVELAND, O. (This company sold $98 head for breeding purposes in 1888. Send for facts and mention this paper.)

A GOOD LIVING FOR **EVERY MAN** WILLING TO WORK. **GOOD PAY!** Address, W. A. S. Smith, Nurseryman, GENEVA, N. Y., for terms. Unequaled facilities. Many valuable specialties. One of the largest and best-known Nurseries in the country. GENEVA NURSERY. Established 1848.

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