AGRICULTURE.

WHAT LANDS NEED DRAINAGE?—All lands that contain more water than is needed by the crops growing upon them. If you intend to raise corn or wheat the land will need more draining than if intended for grass. Even grass lands need not be very wet, as, if too wet, the growth of aquatic plants and grasses take the place of the cultivated grasses and ruins the hay and pastures.

Loose, porous soils, underlaid by sand or gravel, are drained by nature; but all land that is underlaid by clay, rock or other impervious material needs draining.

What is to be gained by underdrainage? The surface of the water in the soil is lowered. The roots of cereals and grasses may penetrate as far as to the surface of the water, but never into it. It is necessary to draw the water off to such a depth as will give the roots of growing crops plenty of room to reach downward for that nourishment that is necessary to their growth. If the water is only one foot from the amount of soil from which to gather nourishment, with the disadvantage of having their feet wet by capillary attraction. Only aquatic plants grow well with their feet in the water.

The lowering the water below the surface prevents a large amount of evaporation, and its effects in cooling the soil. The water being removed, air and warmth are admitted to the soil.

Drained lands are, for this reason, ready for planting at least two weeks earlier in the spring. The growth of crops is quickened through the summer by the increased temperature of the soil, which amounts to several degrees, and the injurious effects of early frosts are prevented in the same manner. Crops are, therefore, given an increased period in which to make their growth of at least two weeks. This is certainly a very important gain.

THRIFTY PIGS.—Pure air helps to make pure blood, which, in the course of nature, builds up healthful bodies. Out-of-door pigs would not show so well at the fairs, and would probably be passed over by the judges and people who have been taught to admire only fat and helpless things, which get the prizes. Such pigs are well adapted to fill lard kegs, whereas the standard of perfection should be a pig which will make the most ham with the least waste of fat, the longest and deepest sides, with the most lean meat. It should have bone enough to stand up and help itself to food, and carry with it the evidences of health and natural development in all of its parts. Pigs which run on a range of pasture have good appetites—the fresh air and exercise gives them this—hence they will eat a great variety of food, and much coarser than when confined in pens. Nothing need go to waste on a farm for need of a market. They will consume all the refuse fruit, roots, pumpkins and all kinds of vegetables, which will make them grow. By extending the root patch and planting the fodder corn thinner, so that nubbins will form on it, by putting in a sweet variety, the number of pigs may be increased in proportion. The pig-pasture will be ready the next year for any crop, and ten times the advantages accrue to the farmer than if the pigs are confined to close pens, for, as pigs are usually managed on a farm, but little manure is ever made from them.

A WIDELY accepted but very erroneous belief which is a cause of much loss during summer heats, is the fear that if plants are watered while the sun shines upon the leaves it will harm them. There may be some tender young leaves of certain delicate and rare plants that would suffer from a sudden wetting with cold water under a blazing sun but I have not met with such in vegetable culture, and I have long practiced frequent sprinkling of newly-set plants during hot, dry weather to prevent their beginning to wilt. If allowed to wilt at all it is difficult to revive them. The short or broken roots want little water until their wounds are healed, and they become able to collect and send on supplies to the leaves. During this term of trial what is wanted is frequent sprinkling of the leaves to prevent their flagging. A mere sprinkle serves that purpose if often enough given, without drowning the injured roots. Two great advantages are gained by frequent leaf-wetting—four or five times a day in hot, dry weather, during two or three days after transplanting—one that the planting can be done while the ground is dry and pliable, when it will not pack, and the other that the leaves can all be left on the plant instead of being half cut off, as is commonly done in planting cabbage, celery, etc., to reduce the transpiratory surface until the roots cover. Such cutting is a great drawback to the plant, and can only be justified when there is no other practicable way of saving or continuing its life.

PICK UP THE BONES.—The bones scattered about the premises should be carefully gathered up. Break them up and bury them near the roots of fruit trees or grapevines. If the bodies of half the worthless dogs owned in the country could be similarly planted they would be of much more service than their animated carcasses are above ground.

IT costs so much to test different varieties of fruits, especially those that are long in coming into bearing, that average farmers cannot afford to do much of it. The safe rule is to plant the sorts that have been found productive and good, and only adopt novelties on the assurance of nurserymen in whom the buyer has implicit confidence.

A LITTLE salt sprinkled over a manure heap is one of the best applications both for summer and winter. In warm weather it attracts moisture and keeps the manure from fire-fanging or burning from excessive fermentation. In winter it keeps the heap from freezing solid, and at any season it makes the manure more soluble.

A CORRESPONDENT of the *Ohio Farmer* says a strong steel-bladed case-knife makes one of the most simple, light, cheap and excellent weeding tools.

POISONOUS washes applied to the foliage of trees, vines, etc., are of no avail against those insects which suck the juices of plants instead of eating the leaves or buds.

FRUIT men say that the best way to treat trees infested with borers is to remove the earth about the base of the trunk. Fill up the hollow after freezing weather is well under way.

THE soil has much to do in affecting the shading and color of poultry, and it is a point that is seldom taken into careful consideration, though its importance is conceded by few.

SORGHUM, after being cut, deteriorates very rapidly. It should not be allowed to remain more than one day before being worked, and less than that is preferable.

SNOWBALL PUDDING.—Take two teacupfuls of rice, wash and boil until tender: pare and core large sour apples, leaving the apple whole. Fill the apples with rice and put it round on the outside; tie each one in a separate cloth and drop in boiling water. Serve while hot with cream and sugar.

DOMESTIC.

DISSOLVE sufficient permanganate of potash in boiling water to give the required depth of color. It looks red when first put on, but soon becomes a beautiful brown. About two quarts of water will be sufficient to stain an ordinary sized bedroom, allowing it two coats. See that the boards are perfectly clean and dry, and then with a large painter's brush stain the room all over, painting on the permanganate and water in the same manner you would paint on woodwork. When the boards are thoroughly dry, give them a second coat if necessary, which must also dry. Wash and dry the brush, and then give the whole room a thorough coating of linseed oil. When the oil has well soaked into the boards, begin rubbing in with a cloth beeswax, melted in a stone jar over the fire, with a little turpentine, until it is the consistency of very thick cream. The floor must have several coatings of beeswax and turpentine before it is brushed with a large brush, which is sold for this purpose. After several applications of beeswax and brushing, the floor will be in a good condition, and will only then require polishing occasionally and rubbing with beeswax when necessary. It will only need now to make a bedroom look most cheerful and comfortable two or three rugs, one for each side of the bed, another for the fireplace. Indian matting is preferable to a rug for the floor of a washstand.

BEANS AS FOOD.—The nutritive value of beans is very great—greater than almost any other article of food in common use. Considering their richness, they are probably the cheapest food we have, but somewhat difficult of digestion, probably owing to the fact that we rarely cook them enough and masticate insufficiently. In preparing beans for the table they should first be well soaked in cold water, then thrown into boiling water and cooked of a medium consistency, between a fluid and a solid, neither too thick nor too thin. They require some acid when eaten, and a sufficient amount of salt to render them palatable. They may be eaten with potatoes or other vegetables which contain more starch and less albumen, rather than with too much bread or meat.

HUSK BEDS.—A correspondent says the way to make a husk bed is to put the husks into plenty of water and spread them on the grass to dry, first spreading sheets on the grass, to keep away the insects, etc., if possible. When the husks are dry, draw them through a flax hatchel, or with a fork split them several times to make them softer. Then fill into a bed tick. Don't put in enough to be hard, but make a good, comfortable bed. Have a slit in the centre of the bed tick, and every day stir the husks up. A button and button hole in the bed tick will make all secure and if you wash or scald the husks every few years, they will keep sweet, and you will have a cheap and comfortable bed.

LOVELY little wraps for the baby-carriage are made of two pieces of flannel—one, for instance, of blue, and one of white; pink the edges of both. If the blue is to serve for a lining, put a pretty design in outline stitch on it, and then catch the blue and white together with a row of feather stitching about two inches from the edge. If you wish to make it still more ornamental, a handsome bow of blue satin ribbon just above the embroidery is handsome. How long it will remain so depends on how well-behaved the baby is.

ORANGE FLOAT.—One quart of water, juice and pulp of two lemons, one coffee cup of sugar, when boiling add to this four tablespoons of corn-starch, mixed in a little cold water; stir until it boils, and let boil for ten minutes; when cool, pour it over four or five sliced oranges; over the top spread the beaten whites of three eggs and one-half cup of powdered sugar, flavored with one teaspoonful of extract vanilla.

SUCCOTASH.—Take the husks and silk from one-half dozen ears of sugar corn and with a sharp knife cut the kernels from the cob. Place on the fire one pint of Lima beans, with sufficient water to cover them, one hour before needed for dinner; let them simmer slowly for three-quarters of an hour, then add corn and boil fifteen minutes; season with butter, pepper and salt, and send to table hot. Milk may be used instead of water if preferred.

POTATOES WITH VERMICILL.—Mash and whip the potatoes light with butter and milk. Season with, salt, and mound smoothly within a stone china dish, or a bake dish that has a silver stand for the table. Wash over with white of eggs, and stew with vermecili that has been broken fine, boil a few minutes in hot water, then spread out to drain upon a sieve. Brown in a quick oven.

TOMATO SALAD.—Peel adn slice raw tomatoes, lay in a salad bowl and season with dressing made in the following proportions: Beat together four tablespoons of vinegar, one teaspoon each of sugar and salt, one-half teaspoon of mustard. When these are well mixed add gradually two tablespoons of best salad oil.

CEMENT FOR RUBBER.—Powdered shelac is softened in ten times its weight of strong water of ammonia, which becomes a fluid after some time without the use of hot water. In three or four weeks the mixture is a perfect liquid. When applied it softens the rubber, which hardens again as the ammonia evaporates.

MOTHS IN FURNITURE.—Moths may be exterminated or driven from upholstered work br sprinkling the upholstered parts thoroughly with benzine. The benzine is put in small waterings-pots, such as is used for sprinkling house-plants. It does not spot the most delicate silk, and the unpleasant odor passes off in an hour or two in the air. It will prove effectual, so far as the moth is concerned.

PEACH CREAM.—The stones and skins are removed from very ripe peaches, which are then passed through a hair sieve. To each cupful of pulp add a cup of pulverized sugar, and beat together. Whip a cupful of sweet thick cream for each cupful of pulp, mix gently together and put in a freezer to freeze.

ANTS.—A correspondent of the *Tropical Agriculturist* says, regarding the destruction of ants: "Take a white china plate, and spread a thin covering of common lard over it. Place it on the shelf or other place infested by the troublesome insects. You will be pleased with the result. Stirring up every morning is that all that is needed to set the trap again."

CRULLERS.—Four tablespoons of melted butter, five of sugar, eleven of sweet milk, two eggs, one-half teaspoon each of soda, nutmeg and cinnamon; cut in strands, twist in rings and fry in boiling lard.

SWEETBREADS.—Scald in salted water; remove stringy parts; put in cold water about ten minutes and drain in a dry towel; dip in egg and rolled cracker; fry in hot butter or lard.

HUMOROUS.

JOHNNIE was in the street car yesterday with his mother, and next to him sat a very nice looking young man. After some talk with his mother Johnnie turned to the young man and said so everybody could hear him:

"Am I a dude?"

"Well," replied the young man, "you don't look like one,"

"And is that gentleman on the other side of you a dude?"

"I suppose not: but do you want to know, my little fellow?"

"Nothing, only mamma said you was the next thing to a dude, and I wanted to know if it was me or the other gentleman she meant."

LITTLE Johnny Yerger has caused a breach between Gus DeSmith, an Austin society gentleman, and the Yerger family. Gus called to make a friendly visit after supper, he having previously informed Colonel Yerger of the intended honor. The whole family and Gus were in the parlor, when Johnny rivited the attention of all present by asking Gus DeSmith: "Have you brought your gimlet with you?" "Hush, Johnny," said Mrs. Yerger. "Go to bed, sir," remarked Conolel Yerger. "What do you mean, Johnny?" asked Gus. "I don't mean nuffin; except I heard pa say you were coming up this evening to bore us all."

Next Spring an International Congress of Ornithologists will be held in Vienna under the patronage of the Crown Prince Rudolf. One of the objects of the meeting is to secure such legislation among the nations as will protect the songsters of the grove and the destroyers of of pestiferous vermin. There is a degree of earnestness in this movement. The Austrian Government is to send out free invitations to almost every foreign Government, and grant its representatives a free passage. The United States should be well represented. Dr. Gustavus von Hyekek, the honorable First Secretary of the Ornithological Society of Vienna, No. 3 Marokkaner Grasse, Vienna, may be applied to for farther information.

AN American who had a jolly German friend wished to become acquainted with the German's charming wife. "Vell," said the German, "ofe you dreat, dot vill be all righdt!" After the treat the German led him over to where the lady was sitting with a number of friends. "Katrina," said the husband, "you know dot man?" "No," said Katrina modestly. "Vell, dot's him!" The American would have given all he had to be able to suddenly disappear, but as the earth did not open he only looked very red and awkward, and swore in his mind that he would never seek another introduction.

BEFORE marriage: "Excuse me, George. Did my parasol hurt you?" "Oh, no! my dear. It would be a pleasure if it did." After marriage: "Great Heavens! There was never a woman under the sun that knew how to carry a parasol without scratching a fellow's eyes out." "And there never was a man that knew enough to walk on the right side of a woman with a parasol." "There isn't any right side to a woman with a parasol."

"LOOK here, Pat," said a real estate owner, "you've got to move or pay your rent."

"Be jabbers, I'll do nay thur."

"Well I'll show you."

"Now don't be after tockin' that way, Mishter Browin; hit ush raison awhile togither. Af yez puth me out by lab, it will cost yer six dollers an' sixty cints, an' af yez move me out yersilf, it will cost yez only four dollars. Now, phat will yez do?"

The owner sent a team around and moved him.

"THAT is one of those restaurants," said a fussy man, who was asked if Sosand-so's was a good place to get a meal, "where enterprise and skill are all centered in the charges, and I always expect to find on the bills of fare this notice: "Customers will please report to the cashier any incivility on the part of the waiters, and it will be promptly added to the bill."

A FEW months since, when a train passed Fargo, a wealthy passenger was struck with admiration over the tender manner in which a young lady led her aged grandmother along a path near the track. Seeking an introduction, the man of riches married her in a few weeks, and now every time a train pulls into that burg at least a dozen maidens can be seen trotting their old grandmothers up and down the track.

STARTING business in Kentucky: An Ohio country Justice thus addressed a witness: "If you were one of the sons of a rich man and he should die, bequeathing all his wealth to your brothers and leaving you nothing but his pistols, how would you feel?" The witness answered promptly: "I would feel as if I had about the right sort of capital to start business with in Kentucky."

A WAILING orator says, "Dark is the night that settles down upon Ireland." "Well, quite likely, We wouldn't cross the ocean to see anything so commonplace as that. But when you hear of a bright, sunshiny night settling down upon Ireland call us up if it's midnight, and we'll sit up all night to look at it.

A FARMER in Essex county had five of the fresh-air fund boys from New York, and a tough lot they proved to be. The first forenoon they were on the farm they hung the farmer's large pet Newfoundland dog to an apple tree, and in the afternoon they placed his light wagon across the railroad track as a train was approaching, and the wagon was knocked into smithereens.

"WHAT influence has the moon on the tide?" the teacher asked John Henry. And John Henry said it depended on what was tied; if it was a dog it made him howl, and if it was a gate it untied it, just as soon as a cow or a young man came along. It is such things as this that make school-teachers want to lie down and die every day at four o'clock.

WHILE every eye is strained eastward, and every energy directed against an invasion against cholera, the news comes that King Kalakaua's royal Sandwich Island brass band has arrived in San Francisco. This shows how helpless it is to oppose fate.

A St. LOUIS brewer was killed the other day by being struck with the head of an exploding beer barrel. Getting at lager heads is extremely dangerous.

Fuel to produce electricity is thus described: The electric current is formed by the combustion of coal at a high temperature and in the presence of potassium or sodium nitrate. The fuel is shaped into bricks of convenient size and covered on the outside with asbestos paper. The interior of the bricks consists of a coal and saltpetre prism separated by a thin sheet of asbestos. The bricks contain a large number of holes, which serve to facilitate the combustion and increase the number of points in contact with the saltpetre. A copper wire is introduced into the coal and saltpeter prisms, the ends of which form the poles of the element. One brick is capable of working an electric bell.

A Cheap Cooler.—R. D. C., of Boston, tells how he contrived a dumb waiter descending into subterranean coolness from a corner of his pantry, greatly to the satisfaction of himself and family. He used glazed drain pipe, 18 or 20 inches in diameter, for lining the excavation in the cellar and carried a closet of wood with a door at the side for cleansing, to the pantry floor above. An iron weight suspended over a large pulley balances the waiter. This cooler requires next to no care to keep it in order, cleaner and sweeter than a refrigerator. Ants and other vermin never trouble the victuals, there is very little running down cellar after the daily food, the regular temperature is as useful in winter as in summer, the constant chore of the ice supply is avoided, and ice contaminated with sewage does not make that household afraid. Such a contrivance is one an ingenious person may help himself to or a little special industry in applying the fixtures might be evolved in every neighborhood, with mills and great corporations growing up after a while to furnish the perfect dumb waiters and coolers of the future for everybody.

A Military Man Made Happy.

WASHINGTON, D. C.—General G. C. Kniffin, in a letter stating his wife was cured of a painful ailment by St. Jacob's Oil, writes that after witnessing its magical cure of pain he would cheerfully pay $100 for a bottle of St. Jacob's Oil, if he could not get it cheaper.

In discussing a paper upon the North Atlantic area, which, in the opinion of Professor Hull, was dry land when the regions of North America and those of Great Britain and Western Europe were submerged, Dr. Carpenter said that the conclusion he had come to from the Challenger expedition was that the bulk of the sea below the present sea level was to the bulk of the land somewhere about 29 to 1. He thought, taking the elevation of the different continents altogether; an elevation of 1000 feet might be considered as about the average. On the other hand, the depression of the great oceanic area below the level of the sea might be stated at an average of about 13,000 feet. The elevations of land which in any way approached the same height were ridges, and one of the most remarkable facts brought out by the Challenger research was that there was strong reason to believe that all oceanic islands were volcanic. In all their researches they found no indication of submerged land over these areas.

Walnut Leaf Hair Restorer.

It is entirely different from all others. It is as clear as water, and as its name indicates is a perfect Vegetable Hair Restorer. It will immediately free the head from all dandruff, restore gray hair to its natural color, and produce a new growth where it has fallen off. It does not in any manner affect the health, which sulphur, sugar of lead and nitrate of silver preparations have done. It will change light or faded hair in a few days to a beautiful glossy brown. Ask your druggist for it. Each bottle is warranted. SMITH, KLINE & CO., Wholesale Agents, Philadelphia, Pa. and C. N. CRITTENTON, New York.

When, says a recent writer, it is desirable to make a clearing in an Amazonian forest a leaning tree is selected, and all the trees in front of it are cut on one side. Then the vines are severed and the leaning tree is cut down, bringing all the trees near it to the ground with a crash. Soon the hot rays of the sun fit the brush for quick destruction by fire.

GRAVE RUN MILLS, Baltimore co., Md.
MESSRS KENNEDY & CO.—The Carboline is making young hair come on my bald head. PETER F. SHEARER.
This is a fair sample of the certificates which are received daily at the Pittsburg office.

A Chinese imperial decree has been issued ordering that the telegraphic lines between Woonsung and Shanghai, and between Amoy and Haihon, are to be constructed by the Chinese themselves, and not by Europeans or other foreigners.

My mother began gaining from first dose she took of Dr. Graves' Heart Regulator. She is rid of those bad feelings about her heart now, the relief is permanent, other remedies only helped for a few minutes.—Miss Clara Bradt, Lawton, Mich. $1. per bottle at druggists.

Among the most important of the scientific results of Col. Prejevalask's late journeys in Thibet were the animal and vegetable collections, comprising 468 specimens of 90 species of mammalia, 3425 of 400 species of birds, about 960 of 50 species of reptiles, 83 of 53 species of fishes, 6000 of insects, and 120,000 of 15,000 species of plants. Rather a good outing for a naturalist.

IN 1850 "BROWN'S BRONCHIAL TROCHES" were introduced, and their success as a cure for Colds, Coughs, Asthma, and Bronchitis has been unparalleled. 25c. a box.

Speaking of spatter work, reminds us to say that the best mode of casting the spray is to put the ink in an atomizer, which will give a uniform misty spray; that will not form blotches if used with discretion.

Persons who Travel

Often experience serious bodily inconvenience from the unsuitability of food, air and water they meet with. On long voyages disorders of the stomach and bowels are apt to attack seafaring men and passengers, in consequence of the brackishness of water and foul air on shipboard, and it is a notable fact that immigrants newly arrived in unsettled districts, are peculiarly subject to malarial diseases and other ailments born of miasma and an unwonted diet. To the needs of the tourist, commercial traveler and new settler, Hostetter's Stomach Bitters is peculiarly adapted, since it strengthens the digestive organs, and braces the physical energies to unhealthful influences. It removes and prevents malarial fever, constipation, dyspepsia, healthfully stimulates the kidneys and bladder, and enriches as well as purifies the blood. When overcome by fatigue, whether mental or physical, the weary and debilitated find it a reliable source of renewed strength and comfort.

Adhesive Fly-Paper.—One part linseed oil and four parts resin, melted together, and applied to the paper.

Dr. Kline's Great Nerve Restorer is the marvel of the age for all nerve diseases. All fits stopped free. Send to 931 Arch Street Philadelphia, Pa.

White of an egg, heated to 212 degs., and kept there awhile, will become dry shrunken and horny. If the heat is carried a little further, it becomes converted into a substance which is so hard and tough that a valuable cement is obtained by simply smearing the edges of the article to be cemented with the white of egg, and then heating it to a little above 212 degrees.

Ladies and children's boots and shoes cannot run over if Lyon's Patent Heel Stiffeners are used.

It seems that electricity was applied to a locomotive long before the Chicago Railroad Exposition. A Salem man constructed a locomotive which was run by electricity in 1851. In experiments on the Baltimore & Ohio Road, nineteen miles were made in thirty-nine minutes.

"Bachu-Paiba."

The quick, complete cure, all annoying Kidney, Bladder and Urinary Diseases. $1: Druggists.

To Make Cloth Waterproof.—Apply a strong solution of soap to the wrong side of the cloth, and when dry wash the other side with a solution of alum.

WALTERBORO, S. C.—Col. A. L. Campbell, says: "A member of my family used Brown's Iron Bitters with good results."

Motives are better than actions.

The ship-building interest at Bath, Me., is very active at present. The yards are crowded, and the tendency is to build larger vessels than in former years. One now upon the stocks, a ship of 2,600 tons, is the largest ever built in Bath, and is believed to be larger than any built before in the State.

Consumption in its early stages is readily cured by the use of Dr. Pierce's "Golden Medical Discovery," though, if the lungs are wasted no medicine will effect a cure. No known remedy possesses such soothing and healing influence over all scrofulous, tuberculous, and pulmonary affections as the "Discovery." John Willis, of Elyria, Ohio, writes: "The Golden Medical Discovery' does positively cure consumption, as, after trying every other medicine in vain, this succeeded." Mr. Z. T. Phelps, of Cuthbert, Ga., writes: "The 'Golden Medical Discovery' has cured my wife of bronchitis and incipient consumption." Sold by druggists.

An experiment was lately made at Paris to determine the power of a crocodile's jaw. The animal was fixed on a table with its upper jaw connected with a dynamometer. An electric shock caused him to give a sudden snap and 308 pounds were marked on the instrument. It was calculated that the contractile force of the muscle causing the movement was 1,540.

"Dragging Pains."

Dr. R. V. PIERCE, Buffalo, N. Y.: *Dear Sir*—My wife had suffered with "female weaknesses" for nearly three years. At times she could hardly move, she had such dragging pains. We often saw your "Favorite Prescription" advertised, but supposed like most patent medicines it did not amount to any thing, but at last concluded to try a bottle, which she did. It made her sick at first, but it began to show its effect in a marked improvement, and two bottles cured her. Yours, etc.,
A. J. HUYCK, Deposit, N. Y.

A church in Bavaria, accommodating 1,000 people, has been almost entirely built of paper mache, which can be supplied at a cost little above that of plaster. It can can be made to imitate the finest marble, as it takes a polish superior to slate.

Dr. Pierce's "Pellets," or sugar-coated granules—the original "little liver pills," (beware of imitations)—cure sick and bilious headache, cleanse the stomach and bowels, and purify the blood. To get genuine, see Dr. Pierce's signature and portrait on Government stamp. 25 cents per vial, by druggists.

Incombustible Paper.—Dip a sheet of paper in strong alum water, and when dry repeat the process, or it will be better still if you dip and dry a third time. After this you may put it in the flame of a candle, and it will not burn.

MENSMAN'S PEPTONIZED BEEF TONIC, the only preparation of beef containing its *entire nutritious properties*. It contains blood-making, force generating and life-sustaining properties; invaluable for indigestion, dyspepsia, nervous prostration, and all forms of general debility, also, in all enfeebled conditions, whether the result of exhaustion, nervous prostration, over-work or acute disease, particularly if resulting from pulmonary complaints. Caswell, Hazard & Co., proprietors, New York. Sold by druggists.

French silk manufacturers are building great hopes on the capabilities of a big Africa spider which spins a yellow web of great strength and elasticity.

It appears that alum is sometimes added to wines to give astringency and to raise the color. For its detection evaporate to dryness, and then set fire to the organic matter.

Mr. J. Roehsler, 266 Court St., Brooklyn, says: "I had suffered for years; paid over $1,000 for doctors and medicines, without help to my terrible sciatica, after which nine bottles of Dr. Elmore's R.-G. cured me.

In the forest beds near the delta of the Mississippi are found cypress trunks 25 feet in diameter, and one containing 5,700 annual rings.

Water used in wool-washing yields 4.50 per cent. of very dry potassium, which can be recovered, as M. Delattre has shown, at considerable profit.

Frazer Axle Grease.

One greasing lasts two weeks; all others two or three days. Do not be imposed on by the humbug stuffs offered. Ask your dealer for Frazer's, with label on. Saves your horse labor and you too. It received first medal at the Centennial and Paris Expositions. Sold everywhere.

Compressed paper doors are now made; and are said to be superior to iron or wood for staying the progress of fire.

A rusted screw may be easily removed if heat is applied to its head, which may be readily done with a red-hot kitchen poker.

Dr. Graves' Heart Regulator cures all forms of Heart Disease, nervousness and sleeplessness.

Birmingham, Ala., known as the Magic City, has had a growth not less remarkable than that of some of the famous Western towns. In 1875 it was a ragged village of two thousand five hundred inhabitants. In that year it was nearly depopulated by a cholera epidemic. An era of railroad building set in in the State, and the intersection of two lines there brought Birmingham's population up to 4,000 in 1880. A census just completed gives the city, in 1883, 11,348 inhabitants. The assessed value of property has increased in three years from $3,000,000 to $8,300,000. The growth of the town is due to the development of the iron-ore and coal mines in the vicinity.

Mother Swan's Worm Syrup.

Infallible, tasteless, harmless, cathartic; for feverishness, restlessness, worms, constipation. 25c.

A boaster is always to be suspected.

OWENTON, KY.—Rev. J. W. Waldrop, says: "Brown's Iron Bitters greatly relieved me of general debility and indigestion."

We cannot live to ourselves alone.

Something Remarkable.

[From the Bridgeport Standard.]

A remarkable cure: A lady, seventy-six years of age, walks this summer for the first time in years. A case that was given up by the physicians. Her friends and relatives had given up in despair of her ever getting out again. MRS. JULIA H. BRUNDAGE, of 45 Maple St., Bridgeport, Conn., recently said to a representative of this paper, when questioned about the case of her mother: "I can very cheerfully give my testimony in favor of so valuable an article as Hunt's Remedy. My mother, who is seventy-six years of age, has for over thirty years been afflicted with kidney, liver and heart diseases, which has confined her to the house most of the time; and to add to her other troubles, about three years ago dropsy in its worst form set in. We had three doctors, who did all they could for her with but little success, as she grew rapidly worse, and death seemed inevitable. At times her body and limbs would be so swollen nearly twice their usual size. Her physicians gave her up, saying they could do nothing more for her. She was also given up by her friends. Having heard of the great amount of good Hunt's Remedy had accomplished, and of the remarkable cures it had made in similar cases, we thought as a last hope we would try it, and to the great astonishment of us all (doctors included) she began to improve, and in a very short time *the swellings left her entire body;* the many aches and pains from which she suffered she knows no more. She has walked out this summer for the first time in years, and is as comfortable as can be expected for a woman of her years. We all feel that we owe much to God's mercy and Hunt's Remedy."

The Bessemer Steel Works, of Bethlehem, Pa., will go into extensive operations in Cuba, with the intention of importing ore into this country.

Consumption Cured.

An old physician, retired from practice, having had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by this motive and a desire to relieve human suffering, I will send free of charge, to all who desire it, this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper, W. A. NOYES 149 *Power's Block Rochester N. Y.*

Whatever you do, do cheerfully.

Broken Laws.

Instead of whining and groaning over the consequences of the broken laws of health, how much wiser it is upon the first appearance of indigestion, loss of appetite, sleeplessness, constipation, &c., to remove the cause and prevent disease by timely use of the great remedy of the wise old monks of St. Bernard, who found the way to cure diseases, by purifying the blood. The "St. Bernard Vegetable Pills" are the oldest, best tested, and most successful medicinal compound in the world.

IN conversation last evening with an immigrant from Texas we learned that the most fashionable time for hanging people down there was at sunrise. This is another strong and weighty argument against early rising.

Malaria, chills, positively cured by Emory's Standard Cure Pills. Their equal unknown; sugar coated; no griping. 25c.

"Rough on Rats."

Clears out rats, mice, roaches, flies, ants, bedbugs, skunks, chipmunks, gophers. 15c. Druggists.

Catarrh and Hay Fever—For twenty years I was a sufferer from Catarrh of the head and throat in a very aggravated form and during the summer with Hay Fever. I procured a bottle of Ely's Cream Balm and after a few applications received decided benefit—was cured by one bottle. Have had no return of the complaint. CHARLOTTE PARKER, Waverly, N. Y. (Price 50 cents per bottle.)

"Is that gentleman a friend of yours?" asked a newly introduced lady of another at a reception. "Oh, no, he's my husband," was the innocent reply

A true assistant to nature in restoring the system to perfect health, thus enabling it to resist disease is Brown's Iron Bitters.

A trusting nature is a loving nature.

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The pills are warranted to be PURELY vegetable, free from all mineral and other poisonous substances. They are a certain cure for Constipation, Sick Headache, Dyspepsia, Biliousness, Torpid Liver, Loss of Appetite, and all diseases arising from the
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They remove all obstructions from the channels of the system and purify the blood, thereby imparting health, strength and vigor. Sold by druggists, or sent by mail for 25 cents in stamps by
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A Wonderful Cure for Coughs, Colds, Bronchitis and Consumption.
IT BANISHES COUGHS (acute or chronic) and BREAKS UP COLDS like magic; IT CURES, in fact, where other remedies have failed; its great efficacy has been PROVED and its superiority extensively ACKNOWLEDGED.
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German Corn Remover Kills Corns and Bunions.

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