

AGRICULTURAL.

DECOY FOR WILD FOWL.—A novel decoy for wild fowl, recently patented by Mr. Redmond, of Rochester, N. Y. The inventor applies a cord to the common decoy, and runs it through an eye or pulley attached to the sand filled bags in the bottom of the stream, thence to the shore, where the sportsman, by dexterously pulling the cords, causes the decoys to move and dive in the water like living birds. In running water, or where the wind prevails, the decoy may be allowed to move with the current or by the action of the wind, and may be drawn back by the cord.

WOOD PULP MAKING.—According to *Leff's News* Newton's pulp mill, at Holyoke, Mass., uses five cords per day of spruce and poplar wood in the making of manila papers. In wood-pulp manufacture the split four foot timber is fed into a circular fan-like hopper provided with swiftly revolving steel knives, which cut the timber into small chips in very short order, when a fan drives them up into the loft, where they are shoveled into two steel digesters holding from four to six tons each. Soda ash and other chemicals are introduced, a heavy head of steam is turned on, varying in different mills from 100 to 200 lbs. pressure to the square inch, and the chips are cooked until the fibers are thoroughly separated. Then the pulpy mass is washed out into vats to drain off the chemicals, and after it has become solid it is again washed out and pumped up into the engines and beaten, and the usual process of paper making is then gone through with.

Some makers, like Superintendent Tower, formerly of the Dexter Company, of Windsor Locks, think ever-green woods far preferable, as having a larger and more hardy fiber. He thinks we are only in the rudiments yet of wood-pulp making, just as the rag-paper men were twenty years ago, and believes the time is coming when, by gradually discovering processes, wood papers may be as finely made as rag papers are now.

Why Cotton Seed Kills Hogs.

A writer in the *Macon Telegraph* and *Messenger* argues that it is not at all improbable that much of the mortality among the swine of Georgia, and ascribed to "hog cholera," is the result of eating fresh cotton seed, to which they have frequent access at the gin house or when carted to the field and spread out for manure. In proof of this suspicion he cites the following experience:

"We have lost scores of hogs both in Liberty and Baker county, from the eating of fresh cotton seed, and took some pains to investigate how the poison operated. Strictly speaking, there is no poisonous element in the seed itself. Repeated examinations of the intestines after death shows their action to be purely mechanical. The hogs gobble them up without proper mastication, and the seeds, stimulated and warmed by the fluids of the stomach, forthwith begin to swell and sprout. It is this germination that causes the death of the animal. As a proof of this, when the germ has been destroyed by long exposure to the weather or steaming, hogs will eat the cotton seed with impunity. We have seen them borrow for weeks in a pile of old cotton seed in a fermented state, eating them *ad libitum*, without injury. Indeed, the writer has used cotton seed to fatten his meat hogs, mixed with rice flour, bran, turnips, potatoes or loose corn, and thoroughly boiled, with the happiest result. Even in a green state they are excellent food for cattle and sheep, although the butter produced from the milk of a cow fed chiefly upon cotton seed is white and cheesy in its consistency."

CURE FOR THE CROW.—A successful plan has been tried by placing in the erow's way a number of grains with horse hair run through them. He is bound to swallow one and his note of alarm is soon sounded. It is impossible for him to dislodge the grain, and if he can be watched a sufficient length of time, he will be seen to cut his throat in scratching at it. His usual note is changed, and life to him is such a misery he would "even wish that he were dead." It has been noticed that after the note of alarm had been sounded all the crows in the vicinity will leave that field and approach it no more that season. It is a simple thing, yet all who try it will find it a success.—*Lenoir Topics*.

The Manufacture of Spools.

The Hartford *Courant* says: The Willimantic, Conn., Thread Company of this city, whose yearly business calls for about twenty-five million spools which have to be made of white birch, has secured a tract of twenty thousand acres of woodland in Piscataquis county, Maine, and will establish a spool factory on the ground there. In this way the best of material for spools will be readily available, and by manufacturing them a considerable saving in freight will be made, since the finished article instead of lumber will be shipped. The company will continue at Willimantic to use Connecticut birch as heretofore, but, as that does not meet all the demands, the Maine factory will materially help out. It will give an idea of the amount of wood required, to state that the little spools used each year by the Willimantic company would, if laid one against the other, extend over four hundred miles, or would virtually lay a double track

between New York and Boston; and there are more than four million miles of thread wound upon them.

MORAL DIETETICS.—Dr. Bock, of Leipzig, writes as follows on the moral effect of different articles of food and drink: "The nervousness and peevishness of our times are chiefly attributable to tea and coffee; the digestive organs of confirmed coffee-drinkers are in a state of chronic derangement, which reacts on the brain producing fretful and lachrymose moods. Fine ladies addicted to strong coffee have a characteristic temper, which I might describe as a mania for acting the persecuted saint. Chocolate is neutral in its psychic effects, and is really the most harmless of our fashionable drinks. The snappish, petulant humor of the Chinese can certainly be ascribed to their immoderate fondness for tea. Beer is brutalizing, wine impassioned, whiskey infuriates, but eventually unmans. Alcoholic drinks, combined with a flesh and fat diet, totally subjugate the moral man, unless their influence be counteracted by violent exercise. But with sedentary habits they produce those unhappy flesh sponges which may be studied in metropolitan bachelor halls, but better yet in wealthy convents. The soul that may still linger in a fat Austrian abbot is functional to his body only as salt is to pork—in preventing imminent putrefaction."

How India-Rubber is Obtained.

A correspondent of the *Boston Commercial Bulletin*, writing from the Amazon river, Brazil, gives the following account of the method of gathering rubber, as lately observed by him. The process, in many respects, resembles the method of obtaining sugar from the maple trees in Vermont:

"At last we arrived at the encampment, which seemed to be on an island in a vast archipelago. Though the Indians divided the water into river, creek, lagoon, the latter formed by the overflow in the rainy season, I could not perceive the distinction. In some instances the lagoons appeared to have a current, while the rivers had none, but I accepted their names. "There were abundant groves of rubber trees in all directions, and men, women, and children were engaged in collecting the rubber, with more method in their labors than I should have expected among such a rude and savage people. Each one had a certain number of trees allotted to him, which he bored with an auger. He then inserted in the hole a piece of hollow cane. To the bark of the tree he fastened with mud a shell of a large clam, found in some of these rivers. These serve to catch the liquid. When it drips from the cane it is white as milk, but thicker or with more body."

"A trough dug out of a log is stationed in a central point, and when the trees are all tapped, the man goes his rounds, watching the shells and pouring the contents, when full into the trough. Toward sunset a fire is made of leaves and twigs, upon which is thrown the fruit of a certain kind of palm which gives forth a dense smoke."

"A small round-bladed paddle, like those used in the canoe, is dipped into the milk, and turned over once or twice. It is then drawn out, covered with the coating of the liquid gum, and held at once in the smoke of the fire, which hardens and also darkens the coating. It is again plunged into the milk and again smoked, and this process is kept up until the blade of the paddle is covered an inch to an inch and a half in thickness. A knife is passed along one edge of the blade and the mass removed. It appears in shape like a shoemaker's lapstone with a sort of nozzle on one side. In this state it is shipped. From one of these lumps of commercial gum the different coatings may be readily detached."

In this connection we may state that the New York Belting and Packing Company, No. 37 Park Row, New York, have lately placed in their show window a large and splendid living specimen of the rubber tree. The plant is in vigorous condition and attracts much attention.—*Scientific American*.

The Most Married of Women.

Benj. Abbott, who has just died in Smyrna, N. Y., in the 82d year of his age, was the seventh husband of his widow, who survives him. This much talked-of and much-published event (for it went the rounds of the press of the nation), when he for the second

and she for the seventh time bowed before the altar of Hymen, occurred on June 30, 1875, he then being 78 and she 82 years old. Mrs. Abbott's history in the marital relations of life stands perhaps without a parallel, and tradition has it there is to be yet another. It is currently stated without contradiction that some years ago she had a vision in which eight men stood before her in a peculiarly impressive manner, which she has ever regarded as prophetic of the number of conquests she was to make. The eighth is just as likely and as reasonable as the seventh, and already public gossip is beginning to mark this and that man as the victim of the next conquest. Her maiden name was Williams, and she has been successively Mrs. Traux, Mrs. Riggs, Mrs. Farrow, Mrs. Wallace, Mrs. Barry, Mrs. Pratt and Mrs. Abbott. In every instance, save the first, she has married widowers, some of them with a good number of children, and on one occasion in her early married life she went to the almshouse and took therefrom three children and raised them. She never had any children of her own. All her life has been spent near Smyrna and all her husbands were buried by the same undertaker.

A singular illustration of the mutual dependence of countries, one upon the other, is made by the depression of agriculture, with other industrial interests, in Great Britain. The English manufacturers and consumers of phosphate manures have been largely dependent upon this country for the raw material, phosphate rock which is in South Carolina, the mining of which has afforded a support to several thousand persons. The stagnation of trade and the bad outlook for agriculture in England have stopped the demand for manures. The manufacturers of phosphates have curtailed their purchases of raw material, and are left with large stocks of the finished product unsold. It is stated that nearly all the phosphate companies in South Carolina have suspended operations, and more than 2,000 laborers have thus been thrown out of employment.

THE NEWSPAPER LAW.—The newspaper law says if any person orders his paper discontinued he must pay all arrears, or the publisher may continue to send it until payment is made, and collect the whole amount. Also an action for fraud can be instituted against any person whether he is responsible in a financial view or not, who refuses to pay for his subscription.

45 Years Before the Public.

THE GENUINE DR. C. McLANE'S CELEBRATED LIVER PILLS,

FOR THE CURE OF Hepatitis, or Liver Complaint, DYSPEPSIA AND SICK HEADACHE.

Symptoms of a Diseased Liver.

PAIN in the right side, under the edge of the ribs, increases on pressure; sometimes the pain is in the left side; the patient is rarely able to lie on the left side; sometimes the pain is felt under the shoulder blade, and it frequently extends to the top of the shoulder, and is sometimes mistaken for rheumatism in the arm. The stomach is affected with loss of appetite and sickness; the bowels in general are costive, sometimes alternative with lax; the head is troubled with pain, accompanied with a dull, heavy sensation in the back part. There is generally a considerable loss of memory, accompanied with a painful sensation of having left undone something which ought to have been done. A slight, dry cough is sometimes an attendant. The patient complains of weariness and debility; he is easily startled, his feet are cold or burning, and he complains of a prickly sensation of the skin; his spirits are low; and although he is satisfied that exercise would be beneficial to him, yet he can scarcely summon up fortitude enough to try it. In fact, he distrusts every remedy. Several of the above symptoms attend the disease, but cases have occurred where few of them existed, yet examination of the body, after death, has shown the LIVER to have been extensively diseased.

AGUE AND FEVER.

DR. C. McLANE'S LIVER PILLS, IN CASES OF AGUE AND FEVER, when taken with Quinine, are productive of the most happy results. No better cathartic can be used, preparatory to, or after taking Quinine. We would advise all who are afflicted with this disease to give them a FAIR TRIAL. For all bilious derangements, and as a simple purgative, they are unequalled.

BEWARE OF IMITATIONS.

The genuine are never sugar coated. Every box has a red wax seal on the lid, with the impression DR. McLANE'S LIVER PILLS. The genuine McLANE'S LIVER PILLS bear the signatures of C. McLANE and FLEMING BROS. on the wrapper. Insist upon having the genuine DR. C. McLANE'S LIVER PILLS, prepared by Fleming Bros., of Philadelphia, and the market is full of imitations of the name *McLane's*, spelled differently but same pronunciation.

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The distinctive features of this spool cotton are that it is made from the very finest.

SEA ISLAND COTTON.
It is finished soft as the cotton from which it is made; it has no waxing or artificial finish to deceive the eyes; it is the strongest, smoothest and most elastic sewing thread in the market; for machine sewing it has no equal; it is wound on

WHITE SPOOLS.
The Black is the most perfect

JET BLACK.
ever produced in spoolcotton, being dyed by a system patented by ourselves. The colors are dyed by the

NEW ANILINE PROCESS.
rendering them so perfect and brilliant that dress-makers everywhere use them instead of sewing silks. We invite comparison and respectfully ask ladies to give it a fair trial and convince themselves of its superiority over all others. To be had at wholesale and retail from
J. D. GASKILL
Salisbury, N. C.

YELLOW FEVER—BLACK VOMIT.

It is too soon to forget the ravages of this terrible disease, which will no doubt return in a more malignant and virulent form in the fall months of 1876. FLETCHER'S HEPATINE, a remedy discovered in Southern Nubia and used with such wonderful results in that America where the most aggravated cases of fever are found, causes from one to two ounces of bile to be filtered or strained from the blood each time it passes through the liver, as long as an excess of bile exists. By its wonderful action on the liver and stomach the HEPATINE not only prevents a certain kind of Fever and Black Vomit, but also cures Headache, Constipation of the bowels, Dyspepsia and all Malarial diseases. So one need fear Yellow Fever who will expect the Malarial Poison and excess of bile from the blood by using FLETCHER'S HEPATINE, which is sold by all Druggists in 25 cent and \$1.00 bottles, or will be sent by express by the Proprietors.
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Dr. Pemberton's Stillingia or Queen's Delight.
The reports of wonderful cures of Rheumatism, Sciatica, Salt Rheum, Syphilis, Cancer, Ulcers and Sores, that come from all parts of the country, are not only remarkable but so intrinsically as to be doubted was it not for the abundance of proof.

Remarkable Cure of Scrofula, &c.

CASE OF COL. J. C. BRANSON.

KINGSTON, GA., September 15, 1871.
Gentlemen:—For sixteen years I have been a great sufferer from Scrofula in its most distressing forms. I have been confined to my room and bed for fifteen years with various ulcerations. The most approved remedies for such cases had been used, and the most eminent physicians consulted, without any decided benefit. I was prostrated, distressed, despairing. I was advised by Dr. Ayer, of Lowell, Mass., to commence the use of your Compound Extract Stillingia as it is insufficient to describe the relief I obtained from the use of the Stillingia as it is to convey an adequate idea of the intensity of my suffering before using your medicine. I am now able to say, I abandoned all other remedies and continued the use of your Extract of Stillingia, until I can say truly, "I am cured of all pain," of all diseases, with nothing to obstruct the active pursuit of my profession. More than eight months have elapsed since this remarkable cure, without any return of the disease.

For the truth of the above statement, I refer to any gentleman in Bartow County, Ga., and to the members of the bar of Cherokee Circuit, who are acquainted with me. I shall ever remain, with the deepest gratitude, Your obedient servant,
J. C. BRANSON, Atty at Law.

A MIRACLE.

WEST POINT, GA., Sept. 16, 1870.
Gentlemen:—My daughter was taken on the 26th day of June, 1870, with what was supposed to be Acute Rheumatism, and was treated for the same with no success. In March, following, pieces of bone began to work out of the right arm, and continued to appear till all the bone from the elbow to the shoulder had come out, and she was unable to move her arm. I was advised by Dr. Ayer, of Lowell, Mass., to commence the use of your Compound Extract Stillingia as it is insufficient to describe the relief I obtained from the use of the Stillingia as it is to convey an adequate idea of the intensity of my suffering before using your medicine. I am now able to say, I abandoned all other remedies and continued the use of your Extract of Stillingia, until I can say truly, "I am cured of all pain," of all diseases, with nothing to obstruct the active pursuit of my profession. More than eight months have elapsed since this remarkable cure, without any return of the disease.

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J. C. BRANSON, Atty at Law.

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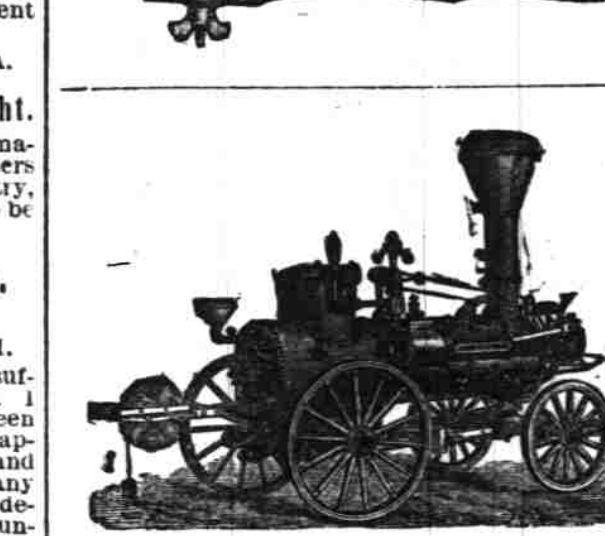
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Very respectfully,
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It is the best in use. Easy to manipulate. Requires no cotton seed nor stable manure. No charge for recipe or right to use. Equal to any \$50 guano. Has been tested for years. Call and get particulars and see testimonials. Don't be humbugged by cheap imitations. You can get the genuine only from