

Agriculture, &c.,

OYSTER FARMS.

How would you like to live where you could go out and pick oysters for dinner, as you do apples? You need not smile; you could easily do it if you lived near an oyster farm. And it is about these curious farms that I want to tell you.

You must know that we eat so many oysters, that they grew scarce in many places, and people began to fear that we should exhaust the supply. That would be a sad calamity to those who are very fond of oysters; so some enterprising men set themselves to work to cultivate oysters as we do potatoes—only in a different way. When the little oyster is launched into life, to take care of himself, his first care is to secure a home. His wants are very simple, requiring merely a holding on place—for holding on is the speciality of an oyster. If he cannot at once secure a safe home, he is almost sure to be devoured by fishes, for fishes like oysters as well as men.

As soon as this fact about the young oyster was discovered by the wise men, they conceived the idea of providing homes for the little creatures, as men provide homes for poor little children—only, as oysters don't care for cradles, and milk, their nurseries were made in this way:

Strong stakes were driven into the mud—under water, of course—and between them were woven branches of trees. That was all. Having the nurseries ready, the men now brought several boat-loads of old oysters, and placed them on the ground around the stakes, to start the farm. As the young oysters are hatched, they naturally attach themselves to the branches, and proceed at once to grow. Each oyster is said to lay two millions of eggs in a season.

There are other ways of farming oysters. One way, in use in Italy, where a lake is devoted to the purpose, is to build a small hill of stones, and make a sort of fence around it, with stakes driven into the ground. The old oyster live on the hill, and the young ones on the stakes. When the farmer wants oysters, he has only to pull up a stake, and pick them off. In France there is still a different way. The farms are enclosed in stone walls, and large stones are scattered among the oysters, who live on the ground. Of course the baby oysters live on the stones. There are thousands of these farms on the shores of France. They have even gone so far as to improve the flavor of the common oyster by artificial feeding.—Olive Thorne, in Interior.

PUMPKINS FOR CALVES.—A correspondent of the Rural New Yorker, in answer to a question that is often asked relative to the value of pumpkins as food for stock, gives his experience in feeding them. He says: "Years since I found out their value as food for milk cows, and their milk-producing properties. This fall I found that, for calves, they were better than anything I ever fed. I only raised three spring calves,—one born April 6th, one the 12th, and one the 25th. They were fed as usual, on skim milk, until pumpkins were ripe, when we began to feed them at the rate of a bushel per day, cut fine. This was increased until they were fed two bushels per day. I weighed them to-day at noon, and the three head weighed 1,435 pounds.

The country is full of calves fed the usual way, that would not weigh more than two to three hundred pounds apiece."

SAVE YOUR FRUIT TREES.—Untold numbers of fruit trees are girdled every winter by mice and rabbits, most of which die. When the snow is liable to drift around fruit trees, rabbits will run on the surface and girdle the bodies of trees four feet above the ground, and mice will form runs beneath the snow and gnaw the bark off at the collar of each tree. The most economical way to head off mice, rabbits, sheep and goats, is to procure thick and heavy paper, cut it in strips of sufficient width to wrap around the body of a tree, tie each piece in three or four places; after which, smear the paper thoroughly with coal tar. This is the cheapest and best remedy that we have ever known. It has never been known to fail. Nor will the tarred paper injure the trees.—Observer.

Do not choose your friend by his looks: handsome shoes often pinch the feet.

Scientific, &c.,

BERGMANN'S GREAT AUTOMATIC WONDER.

The inventor of this wonderful piece of mechanism is a German, named Joseph Bergmann, of Troy, a cabinet-maker by trade, who spent fourteen years in its construction, meeting with drawbacks at almost every step, but finally succeeding in the great dream of his life. A miniature house, on a mountain-top, represents the residence of a wealthy miller, with his grist-mill, oil mill, etc., adjoining. There are some forty figures in and about the buildings and mills. "There is also a little fountain in the foreground, with the water playing, and a lake with a boat and oarsman. All these mills and figures and playing waters are set in motion by means of a combination of machinery, similar to the works of a clock, and when these are wound up and set running, every figure takes up its automatic movement. The old miller sits in an apartment reading. His eyes follow the column downward. The column is finished and the sheet is turned over, and the eyes attracted to another portion of the paper. Every movement is wonderfully life-like. The miller's wife sits in another apartment industriously spinning. The saw-mill is a fac-simile of such an institution. The log is in its place, and slides along to meet the teeth of the saw, which is working up and down, cutting it in two. The attendants are all busy in their several duties. The grist-mill is also going. One man is tending and feeding the hopper. Every now and then he goes back and forth with a tray upon his shoulder, the contents of which he pours out into the mouth of the hopper. The great water-wheel is moving steadily under the pressure of the water from above, and an elevator keeps up its show of relieving a canal-boat of its load of grain. Teams loaded with sacks are seen going to and from the mills. A man is perched upon the gable of the miller's home, adjusting a little bird-cage to the eaves, and doing his work most perfectly. The oil-mill is also at work, and the figures are all busy about it, performing their several missions. The boatman upon the lake is rowing backwards and forwards, apparently having a good time all to himself. Thus the entire operation of an immense establishment are carried on with as much definiteness and aim as in real life.—Schenectady Star.

USEFUL TO HOUSEKEEPERS.—Recent experiments in more than one family have established the fact that the plant known to botanists as the polygonum hydropiper, usually known as "water pepper," or "smartweed," which may ever be found in abundance along ditches, roads, lanes, and barnyards, is an effectual and certain destroyer of the bed bug. A strong decoction is made of the herb, and the places infested with the insect well washed with it. The plant may also, with much advantage, be stuffed in the cracks and corners of the room. Elderberry leaves, laid upon the shelves of a safe or cupboard, will also drive away ants and roaches.

CHEAP ICE HOUSE.—Set posts in the ground so as to make a house twelve feet square (three posts on each side), then board or plank it up eight feet high, on the inside. The surface earth is now dug out six inches above the level of the earth. The ice is carefully packed nine feet square and six feet high, making a space of eighteen inches between ice and boards, close packed with sawdust, and the same thickness of sawdust placed on top-board roof.

PLINY states that the cedar wood-work of the Temple of Apollo, at Utica, was in a perfect state of preservation after an interval of two thousand years. The famous statue of Diana of the Ephesians was formed of cedar, and endured for many centuries. The ancient Egyptians extracted an oil from cedar-wood, which they rubbed over the leaves of the papyrus to preserve them from worms, and which also entered into the compositions used for preserving their mummies.

Mr. Jabnson, the eminent spectroscopist and astronomer, made his escape from Paris in a balloon, and thus was enabled to take part in the observations of the recent solar eclipse. He was in Algiers.

MESSENGER ALMANACK.

MARCH, 1871.

Full Moon, March 6th, 11h. 21m. aftern. on. Last Quarter, " 13th, 6h. 5m. aftern. n. New Moon, " 20th, 11h. 46m. aftern. on. First Quarter, " 29th, 2h. 30m. morning

Table with columns for Day, SUN, MOON, High Tide, and sets at Halifax. Rows list days from 1st to 31st with corresponding times and tide data.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Painsboro', Cornwallis, Horton, Hantsport, Windsor, Newpo, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 51 minutes later. At Yarmouth, 2 hours 20 minutes later.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

DR. JOSEPH D. DAVIS

WOULD inform the public that after thirty years of study, investigation and practical experimenting concerning that terrible disease

CONSUMPTION,

And the diseases of the anterior and posterior nares, throat, bronchia, lung, heart, liver, kidneys, and uterus, and twenty years spent in investigating, experimenting and proving, with the medicinal and therapeutic properties of the roots, barks, plants and shrubs, indigenous to Massachusetts, Maine, New Brunswick and Nova Scotia,—he has discovered new remedies, and new modes of treatment, for Consumption, not previously known to Medical Science; and with the large number of cases treated, relieved and cured during the past ten years, in Maine, Massachusetts, and in different sections of Nova Scotia, has proved, beyond the shadow of a doubt, that Consumption, very often in its advanced stages, with his medicines and mode of treatment, can be cured.

He has, at great expense, procured from London, Paris, Vienna and the United States, the finest and most delicate instruments to enable him to thoroughly diagnosis diseases.

CAPE SABLE ISLAND, N. S., July 15th, 1870.

DR. DAVIS.—Dear Sir—The wisest of men has said that in "a multitude of counsellors there is safety." Having been benefited by your medicines, I wish to say it to others who may be suffering from lung diseases. Early in 1869 my health began to give way, until such a lack of vital tone was experienced that I concluded it was time to try to avert the impending danger or doom; and arranged last autumn for a rest and a visit to my native Province; but on returning found myself no better; I became discouraged, fearing if no help could be obtained that I should have to abandon my work in the ministry. Happily for me, as the sequel proved, you were directed this way last winter; and, upon examination, you said my lungs were in a tubercular condition, and advised me to take medicine; to which I consented, with many misgivings, which, however, were dissipated in the course of four or five months. For the first three months I could not discern much change; but after that began to feel a new vitality permeating my whole system; my work, which for months had been burdensome, became lighter and more agreeable; and now I enjoy a vigorous state of health. If this testimony should induce any who are suffering from lung disease to employ you, with the same success, I do not doubt but they will feel that, under the Divine blessing by which you have been enabled to gather such valuable knowledge from nature's store house, they are your debtor. With earnest prayer that you may succeed in business and become a blessing to many of the afflicted, I remain, with kindest regards,

WM. M. KNOLLIN, Minister of Free Baptist Conference of N. S.

SHELBURNE, April 26, 1870. DR. JOSEPH D. DAVIS.—Dear Sir: It gives me great pleasure to bear testimony to the wonderful and complete cure your medicines and treatment have effected for me, after having suffered the most severe pain, and been unable to work for over two years, besides losing my eyesight. I am now quite restored to health, able to attend to my business and my eyesight is greatly improved. I attribute this entirely to your medicine, as I had previously consulted many physicians and taken their remedies without any benefit. As you may remember when I first employed you I was at death's door, in the last stage of Consumption, was enormously swelled with dropsy, hardly slept for a fortnight, was extremely weak and no one anticipated my recovery. Should any one doubt this statement I can refer to the Rev. George W. Clark and the Rev. T. Watson Smith, who often visited me during my illness, and you are at liberty to make what use you please of this certificate.

Yours very truly, CHRISTIAN R. BOWEN. June 23, 1870. Jan. 4.

EAGAR'S Peruvian Bitters!

Of Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies.

TONIC, APPETIZER, & STIMULANT.

Cures LIVER COMPLAINT, DYSPEPSIA, ACIDITY of the STOMACH, DEBILITY and PAIN in the BACK, RESTORES the VITAL ENERGIES, when exhausted, braces up both the Nervous and Muscular System, PURIFIES the BLOOD, and Restores the Appetite. Particular attention is called to the fact that the

PERUVIAN BITTERS

are not an Alcoholic preparation, but simply a scientific combination of valuable Roots and Barks, which purifies the Blood and restores the waste, thereby bracing up both the Nervous and Muscular Systems, and giving that permanent HEALTH, STRENGTH and VIGOR, both of mind and body which nature intended man should possess.

This BITTERS is not sold as a specific for every disease, but in cases of GENERAL DEBILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indisposition for Exertion, Sense of Fullness after Eating, &c., caused by anxiety over exertion, mental or bodily, late hours, and excesses of every kind, it has no equal.

Although these BITTERS contain no Alcohol, they will most effectually wean the taste from Stimulants and eradic the system to dispense with them at once.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certificates.—Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College; Capt. Hardy, R. A.; Mr. Solomon, Lunenburg; and Dudley de Chair, Esq., Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

CERTIFICATES:

I have found Mr. Egar's PERUVIAN BITTERS beneficial to myself and in my family, and have heard of their being used with good effect in another case in Windsor. (Signed) HENRY HOW, D.C.L. King's College, Windsor.

MR. EGAR,—I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom. (Signed) C. HARDY, Capt. R. A.

MR. EGAR,—I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom. (Signed) EDWARD H. SOLOMON, Dy. Surveyor, Co. Lunenburg.

I have tried Mr. Egar's PERUVIAN BITTERS, and can strongly recommend them. (Signed) DUDLEY DE CHAIR, Halifax, June 3, 1869.

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Yours very truly, GORDON & KEITH. May 20.

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