

The Christian Messenger.

HALIFAX, N.S., DECEMBER 2, 1874.

ALMANAC FOR DECEMBER

New Moon, Dec. 8th, 7h. 52m. afternoon. First Quarter, " 16th, 8h. 10m. morning. Full Moon, " 23rd, 9h. 42m. morning. Last Quarter, " 30th, 10h. 22m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 31st with corresponding times.

THE TIDES.—The column of the Moon's Southings gives the time of high water at Farnborough, Cornwallis, Horton, Hantsport, Windsor, Newport, 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 30 minutes earlier, than at Halifax.

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.

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Send for Circular. July 15

BETCHER'S PECTORAL MIXTURE

FOR Coughs, Colics, Whooping Cough, Asthma, &c. CERTIFICATES. This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed, and for temporary coughs and colds it is invaluable, for which assertions abundant testimony can be produced.

To be had of the Manufacturer J. W. BETCHER, No. 27 CORNWALLIS STREET, HALIFAX, N. S.

HALIFAX, March 10th, 1873. J. W. BETCHER, Esq. Dear Sir,—Having used a half dozen bottles of your valued Pectoral Mixture I find myself greatly relieved from a chronic cough, and pulmonary weakness which had been preying upon my system for over a year, and would recommend it to all who are suffering from like complaints.

Geo. L. FELLOWS. St. John's, N. B., April 16th, 1874.

This is to certify that I was attacked with a very severe cold combined with the Asthma very bad, so that I could not lie down or hardly breathe. One bottle of the cough medicine prepared by J. BETCHER, Esq., of Halifax, N. S., relieved me, and five bottles completely cured me so I have not been troubled with the Asthma since and I believe it to be the best medicine for Coughs, Colics, Asthma, &c., that there is made.

JOHN N. DEARBORN. Aug. 12. 1 yr.

CONSUMPTION CURED.

To the Editor of Christian Messenger, ESTEEMED FRIEND: Will you please inform your readers that I have a positive

CURE FOR CONSUMPTION and all disorders of the Throat and Lungs, and that by its use in my practice, I have cured hundreds of cases, and will give

\$1,000.00 for a case it will not benefit. Indeed so strong is my faith, I will send a Sample, free, to any sufferer addressing me.

Please show this letter to any one you may know who is suffering from these diseases, and oblige,

Faithfully Yours, DR. T. F. BURT, 67 William Street, New York. Aug. 6. 25 lbs.

Agricultural.

APPLES FOR MILCH COWS.—We learned when a young man, in our earliest attempts at farming for ourself, when we kept three or four cows, did the greater part of the milking, and marketed our surplus butter, that when we began to feed the cows fallen apples, they soon began to increase their yield of milk, and soon after there was an increase of butter to carry to market.

Ever since then, whenever we have had cows and cheap apples, we have not hesitated to give them a regular allowance, night and morning, undeterred by the cry that it would dry them up, for experience oft repeated had taught us to the contrary. Of course we always commenced with a small allowance, gradually increased until we reached the quantity that we thought best for them, and the results were always satisfactory.

A writer in the Country Gentleman gives his experience as follows:—

Every other year I have a large crop of apples but as my orchard hardly has two trees of the same variety, the fruit is useless for market, and insects are so numerous that I have very few fair and perfect apples, but an abundance of cider apples, which will bring, after being picked and decayed ones thrown out, from twelve to twenty cents a bushel. For several years, against the remonstrances of my men, and of others who remember the old saying of "apples will dry up a cow," I have had them fed out to my milch cows, beginning with the early apples and continuing, as long as they lasted. Several times I have gathered them from the wagon as gathered from under the trees, on a small piece of grass ground where the water will not stand, and on the approach of cold weather covered them with a thick coating of seaweed, so that they could not freeze, and have fed them nearly all winter to cows in milk. I have concluded from my observation, that the butter made from cows in winter, fed on apples, with good sweet hay, will be as good flavored and as high colored as June or September butter, and that the flow of milk is kept up, if not increased, at least as much so as from feeding meal to the same extent in value. For young cows they seem to me preferable to meal. Perhaps I should say that our winter milk room is so situated that its temperature seldom falls below 55°. Care should be taken, as in feeding other green stuff, not to feed enough to loosen the bowels of the animal much, but a bushel a day, or even more of ripe apples after the first few days, will not be too many. In a former number Mr. Levi Bartlett detailed his careful experiment of feeding apples to milch cows, with much the same result. I was glad to be confirmed in my impressions by so careful and accurate an observer.—Rural Home.

PAPER FLOUR BARRELS.

About the coming flour barrel, which is to be of paper made from the straw of the grain, the Republican of Decatur, Iowa, at which place a factory is established, says: This paper barrel is a round cylinder of heavy compressed water-proof paper, about one-fourth of an inch thick, wooden head and bottom. There are two paper hoops at the ends on which the barrel rolls. The barrel has no "belly" and weighs ten pounds less than the wooden barrel, and consequently about five barrels more than at present can be loaded in a car. These barrels are also air-tight and water-proof, and they stand more thumping and rough usage, we verily believe, than the best oak stave barrel that was ever made.

A SAFE TETHER OR PICKET PIN.

The disuse of fences either in whole or in part, renders a secure method of tethering an animal of great use. Stakes are easily loosened or battered to pieces by driving them, and the tethering rope is frequently wound around them. If a strong iron rod be bent into the shape of a corkscrew, with a loop at the upper end, it may be screwed into the ground, and will then hold the strongest animal safely, while the rope cannot be wound around it. This implement will also answer the purpose of a post to hold guy ropes for shears, or any other similar purpose, or to fasten the lower block of hay hoisting tackle, when working with the hay fork. Indeed there are many uses for this little contrivance which will suggest themselves. One of its advantages, and not the least, is that it is readily set in place, and as readily removed, without the use of a hammer to drive it or knock it loose. A short stout stick like an auger handle, put through the loop, is all that is needed.—Am Agriculturist.

GRASSHOPPERS IN A MAIL-BAG.

A number of live grasshoppers were found in a Kansas mail bag which was opened in the Post Office on Saturday last. Upon examination it was discovered that they had come out of a box which was found crushed in the bottom of the bag. They had evidently been sent to some entomologist in the city as specimens. As the Post Office clerks could not catch the insects, the broken box was sent to the person to whom it was addressed, with an endorsement to the effect that it had been received empty.—N. Y. Times.

Scientific.

POWER IN INSECTS.—Frank Leslie's Illustrated Newspaper gives a picture of grasshoppers ravaging a wheat-field in Minnesota. The artist has succeeded in giving a fearful sense of the ferocity of the grasshoppers. They attack the field with all the dash of a cavalry troop, and indeed it is only the smallness of the individual grasshopper that prevents it from being a monster; the action of the head and legs is indicative of tremendous strength and energy. The sculptor Kuntze once attempted to embody this idea in the fight of Puck with a grasshopper. How helpless one feels before the small enemies of mankind, when they come in great multitudes! It would not be hard to believe that Bishop Hatto died of fright. Theoreau, in his "Walden," describes a battle of ants which he witnessed and from which he withdrew at last with all the sickening sensation of a man who had looked upon human carnage. A Minnesota settler who has suffered severely from their ravages, in writing to the Minneapolis Tribune, describes a throng of the locusts as resembling a huge snow cloud, often completely obliterating the sun. The lower insects fly at a height of about forty feet from the ground, and the others fill the air above as far as the eye can reach. When they settle on a field of grain, every stalk is covered, so that the entire field seems to have suddenly turned brown. They do not eat the grain, but bite into the tender stock and juicy kernel, and suck out the vital sap, leaving every particle of vegetation dead, so that within a day or two the entire crop becomes dry and withered.—Every Saturday.

FIRE AND THE ANCIENTS.

According to Pliny, fire was a long time unknown to the ancient Egyptians, and when a celebrated astronomer showed it to them, they were absolutely in raptures. The Persians, Phoenicians, Greeks and several other nations acknowledged that their ancestors were once without the use of fire, and the Chinese confess the same of their progenitors. Pomponian, Mola, Pityarch and other ancient writers, speak of nations which, at the time when they wrote, knew not the use of fire, or had just learned it. Facts of the same kind are also attested by several modern nations. The inhabitants of the Marian Islands, which were discovered in 1551, had no idea of fire. Never was astonishment greater than theirs when they saw it on the desert in one of their islands. At first they believed it was some kind of animal that fixed to and fed upon wood.

AN INTERESTING DISCOVERY OF A LIFE-SIZE FEMALE BUST IN PURE SILVER.

has lately been made at Herculaneum. A discussion has arisen whether the work was original cast or chiseled, but there is little doubt that the former hypothesis is correct. The head is that of a beautiful young woman; but the features have not been identified with that of any other extant head.

THE CANADIAN WAY OF MEASURING A TREE.

is said to be as certain as it is grotesque. You walk from the tree, looking at it from time to time between your knees. When you are able to see the top of a tree in this way, your distance from the root of the tree equals its height.

AN EXCHANGE ASKS THE CONUNDRUM.

"Why has a hog more brains than any other animal?" Because he has a hogs-head full of them, of course.

THERE IS MORE FATIGUE IN LAZINESS THAN IN LABOUR.

Those who suspect all are much to be suspected.

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J. W. PURDY, Palmyra, N. Y. Oct. 2.

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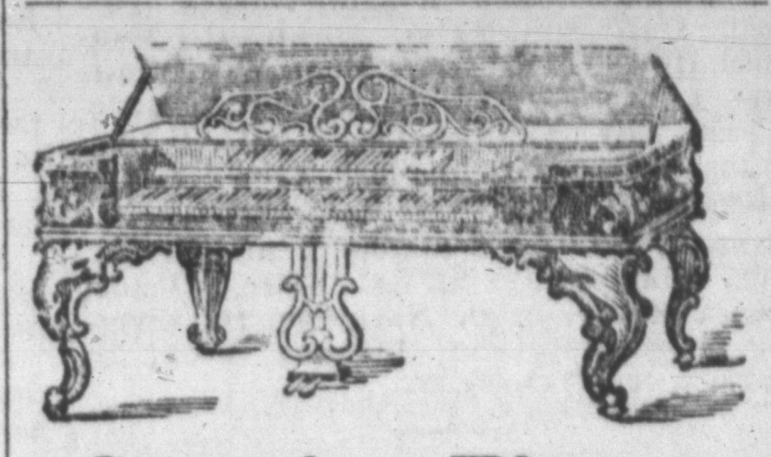
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