

The Christian Messenger.

HALIFAX, N. S., MARCH 31, 1875.

ALMANAC FOR APRIL.

New Moon, April 6th, 2h. 21m. morning. First Quarter, " 12th, 5h. 9m. afternoon. Full Moon, " 20th, 0h. 16m. afternoon. Last Quarter, " 28th, 3h. 3m. afternoon.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 30th with corresponding times and phases.

THE TIDES.—The column of the Moon's Southern gives the time of high water at Parrsboro', 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 20 minutes earlier, than at Halifax. At Charlottetown, 2 hours 55 minutes later. At Westport, 2 hours 54 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 24 hours, and to the remainder add the time of rising.

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the ONLY Sewing Machine that sews backward and forward, or to right and left. It is easy running and noiseless, and the best for family use, or for light manufacturing where extra quality of work is required.

Every Machine warranted to give satisfaction. J. H. OSBORN, Agent, 30 DUKE ST., HALIFAX.

THE "HALL TREADLE"

or Sewing Machines. SAVES LABOR AND HEALTH. Many are enabled to use Sewing Machines by foot-power with this Treadle, who cannot do so without injury to their health with the ordinary Crank Treadle.

Send for Circular. July 15.

BETCHER'S PECTORAL MIXTURE

FOR Coughs, Colds, 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, 1875.

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, Colds, 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, William Street, New York. 25 ins

Agriculture.

MULES VS HORSES.—While horse-breeders are sounding the praises of thoroughbreds, trotters, Percherons, Clydesdales, and all the host of strains and breeds, claiming untold good qualities for the one and the other, we seldom or never hear a single note in favour of that useful animal, the mule.

We once overheard a farmer say, with quaint expression:—"The best horse for a farm is a mule;" and we subscribe ourselves a champion of his faith. Do you want an animal which will serve you faithfully without a growl or balk—one which will keep fat on short commons, never need the veterinary, always be ready for work? Do you want a great big burly brute that will catch a coal wagon on his shoulders and tow it up a hill, or a little sprightly fellow to plough corn, or to do chores; or make himself generally useful? If you do, get a mule.

Now it will be said that mules move slowly, that they are tricky, that they are frequently breechy. Some mules have none of those traits, and some have them all, but their good qualities, taking them all in all, very far surpass their bad ones.

We sing our pen to the mule only as regards his usefulness on the farm. We do not claim that he is a trotter, though we remember to have seen very lively steppers—nor that he would be a success on the running turf. He certainly is not an object of beauty, and would make but a poor show in a gilded coach or a lady's phaeton. He is intended for use and not for ornament.

We confess to a liking for the mule. There's something honest about him, he sails under no false colours, he puts on no airs, and he is just a little better at ten or fifteen years of age than he is at five or six. His principal growth from year to year is in dignity, wisdom and years. He never forgets anything he learns. He soon learns all about a corn-row; the darkies can ride him at night without him seeming to suffer from it, and it every horse on the farm has the epizotic, you will find that the mule—if you have one—is as calmly prepared for every emergency as ever. Yes, when it comes to business, we like the mule.—Illustrated Journal of Agriculture.

THE THISTLE TAX.—The Canada thistle is gradually working its way Westward, having now reached Iowa and Kansas. It appeared in Indiana and Illinois several years ago, but vigorous measures were taken on the part of the States, and the warfare is constantly kept up. Men are employed at regular wages to dig and burn the plants, it being ineffectual to leave them on the surface of the ground to dry and die. Whenever this thistle gets a foothold in a community, the damage is equal to a tax of ten per cent, on all the farming land at a fair valuation. It is agreed that the seed was first introduced, and is still introduced, in the hay with which fruit trees are packed. It would be better to raise one's own trees, and have even inferior fruit, than to be thus burdened. Granges, agricultural societies, and clubs should make it an especial business to watch the Canada thistle.

LINIMENT FOR SPRAINS OR LAMENESS.—Two ounces camphorated spirit 2 ounces sweet oil, 2 ounces ammonia, 2 ounces chloroform: shake well before using, and rub in by a fire. It is very excellent for a family liniment.

Science.

A METHOD OF DOING WITHOUT RAIN.—M. Paraf is the first discoverer of a method of doing without rain. He has solved the problem of artificial irrigation. He is known as a successful chemist and inventor. Those who wish to know more of him may be informed that he is a pupil of the college of France, and a fellow-associate with Prof. Shutzenberge. M. Paraf knew that the air is full of moisture, and he knew that chloride of calcium would attract and condense it. He has applied this chloride on sand-hills, on grass, on all sorts of soil, successfully, and has ascertained that it will produce the irrigation of land more cheaply and efficiently than any other artificial method. One of M. Paraf's applications will produce and retain an abundant moisture for three days, when the same amount of water introduced by the ordinary methods will evaporate in one hour. M. Paraf states that his preparation is less expensive than canal irrigation, and believes that it will not only produce two blades of grass where but one now grows, but will render possible fields, meadows, and prosperity where there is nothing but sand and desert waste.

A REMARKABLE result has recently been obtained by Messrs. Brown & Co., of Sheffield, Eng., with a disk made from a rail saw and rotated at 3,000 revolutions per minute. As the disk was 9.6 feet in diameter, the velocity of its circumference was in the neighborhood of 86,400 feet per minute. Steel rails were cut with astonishing rapidity, and even melted. Millions of sparks were thrown off, but no heating of the disk could be detected after the cutting.

WICKS OF KEROSENE LAMPS.—The unsatisfactory light frequently given by kerosene lamps is often due to the wick. The filtering of several quarts of oil through a wick, which stops every particle of dust in it, must necessarily gradually obstruct the pores of the wick. Consequently although a wick may be long enough to last some time, its conducting power may be so impaired that a good light cannot be obtained.

TO FIND THE NUMBER OF SHINGLES REQUIRED FOR A ROOF.—Find the number of square inches in one side of the roof; cut off the right hand or unit figure, and the result will be the number of shingles required to cover both sides of the roof, laying five inches to the weather. The ridge-board provides for the double course at the bottom. Illustration.—Length of roof, 100 feet breadth 30 feet—100x30x14=432,000. Cutting off the right hand figure, we have 43,200 as the number of shingles required.

EXTRAORDINARY INUNDATION OF THE NILE.—The Nile inundation for 1874 reached a higher level than has ever been the case within the memory of man. On the 10th of October, whole villages along the banks, it seemed, must be swept away; and had it not been for an immense levy upon the population for workmen, the losses and destruction would have been enormous. No less than 700,000 people were set at work opening ditches and channels for the flood. It was only by the protracted and severe effort of this multitude that the danger was averted.

Baroness Burdett Coutts has entered a vigorous protest against using the plumage of the humming bird as an ornament of feminine toilet, as the fashion leads to the cruel slaughter of these little creatures.

The Bessemer steamer intending to obviate sea-sickness has made a second trial trip. No tendency to roll was observed, and the result was considered satisfactory.

A harness kept soft and pliable with good neat's foot oil will last almost a lifetime. It is stronger, because slightly elastic, and will seldom wear off the hair.

TO MAKE GERMAN TOAST.—To one egg, beaten well, add one cup of sweet milk or cream; season with a little salt and pepper. Cut in slices stale bread, and dip in the milk to moisten, and fry in butter on a griddle. This we think is an extra nice dish for breakfast.

To keep warm—Keep the furnace cold. (coaled.) What is the worth of woman?—Double you, O man. (wo-man.)

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2.50 each. Alphabetical List of Members 40 cts. each. Letters of Dismission 50 cts. per quire. Psalms, in all varieties, from 75 cts. Selection of Hymns &c., 12 cts., or \$10.00 per 100. Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, 69 & 71 GRANVILLE ST., HALIFAX. April 15.

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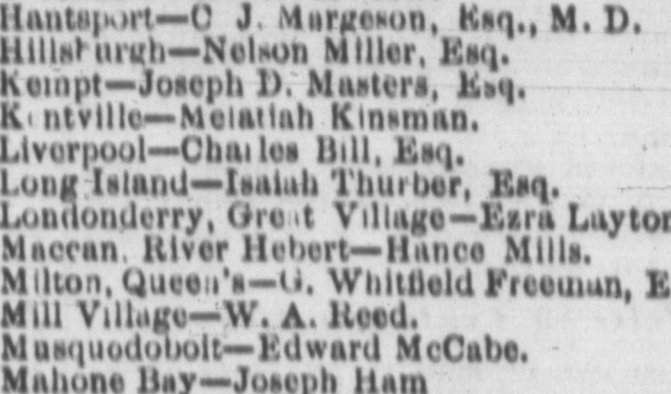
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