

The Christian Messenger.

ALMANAC FOR DECEMBER.

First Quarter, Dec. 5th, 9h. 42m. afternoon. Full Moon, " 12th, 3h. 31m. afternoon. Last Quarter, " 19th, 10h. 41m. afternoon. New Moon, " 27th, 2h. 50m. afternoon.

Table with columns for Day, SUN., MOON., High Tide. Rows for days of the month from W. to F.

THE TIDES.—The column of the Moon's Southings, gives the time of high water at PARSBORO, CORNWALLIS, HORTON, HANTSPOIT, 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.

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 next morning.

ESTABLISHED 1861. Park's Cotton Manufactures. COTTON WARP.

WHITE, BLUE, RED, ORANGE AND GREEN. Nos. 5's to 10's. COTTON CARPET WARP.

Made of No. 8 Yarn 4-ply twisted. White, Red, Orange, Brown, Slate, Blue, Green, &c. ALL FAST COLORS.

In manufacturing our goods, we take the greatest care to make them of such a quality as to give satisfaction to the consumer.

We warrant them to be full length and weight; stronger and better in every respect than any other yarn in the market.

All our goods have our name upon them, and are sold by us only to the wholesale trade, from whom country merchants and consumers can always obtain them by asking specially for them.

WM. PARKS & SON, New Brunswick Cotton Mills, St. John, N. B. Aug. 25. 3m.

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, 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, 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

107 William Street, New York. Aug. 5. 26 yrs.

Agriculture.

THE PLOW.

God speed the plowshare! Tell me not Disgrace attends the toil Of those who plow the dark green sod, Or till the fruitful soil.

Why should the honest plowman shrink From mingling in the van Of learning and of wisdom, since 'Tis mind that make the man?

God speed the plowshare, and the hands That till the fruitful earth. For there is in this world, so wide, No gem like honest worth.

And though the hands are dark with toil, And flushed the manly brow, It matters not, for God will bless The labors of the plow.

CURIOSITIES OF GRAFTING.—We can graft the apricot on the plum, and the peach on the apricot, and the almond on the peach, thus producing a tree with plum roots and almond leaves.

The wood of the stem will consist of four distinct varieties, though formed from one continuous layer. Below the almond wood and bark we shall have perfect peach wood and bark, then perfect apricot wood and bark, and at the bottom perfect plum wood and bark.

In this curious instance we see the intimate correspondence between the bark and the leaf, for if we should remove the almond branches, we might cause the several sorts of wood to develop buds and leafy twigs each of its own kind.

Each section of the compound stem has its seat of life in the cambium layer, and the cambium of each reproduces cells of its own species out of a common nutrient fluid.—Cultivator.

FARMING IN EGYPT.—The Mark Lane Express says: There are about 5,450,000 feddans, or acres, of land under cultivation in Egypt, and a feddan that in 1865 was worth £50 might have been purchased since for about £5.

The whole of the population is available for agricultural purposes. Were Europeans, who could have redress against direct oppression, to purchase land and cultivate it scientifically, considerable profits might be made.

They would have many annoyances to contend against, but none that an energetic Englishman, with the support he would be entitled to claim, would not be able by tact, firmness and patience to overcome.

Such is the wonderful fertility of the soil, when fairly treated according to the normal succession of crops and the perfection of the irrigation system when not arbitrarily interfered with, for the enriching of certain ground, that a good crop of grass and grain of all kinds can always be expected.

BUTTER FROM MILK FOUR YEARS OLD.—The Agricultural Gazette says:—A sample of condensed milk, weighing about 1 cwt., was lately exhibited at the rooms of the society of Arts, and an interesting experiment made thereon.

This mammoth piece of solidified fluid was prepared by Hooker's process. It had been exposed to the action of the air for four years and three months, yet its quality was so excellent that in a few minutes it was resolved, by churning, into good fresh butter.

This trial was one of a series, made at the International Exhibition, South Kensington, and elsewhere. In each case the same satisfactory result was obtained.

A LIVING RAFT.—The leaves of the gigantic water lily known as the Victoria Regia, in the Botanic Garden at Ghent, having attained a remarkably large size, Mr. Van Huille, the chief gardener, recently undertook to determine their buoyant power.

One leaf easily supported a child, and did not sink under a man. Mr. Van Huille then heaped bricks over its entire area and found that before the leaf became submerged, a weight of 761 lbs. was floated.

The grinding of hay for use as an article of improved feed for animals is a new proposition. It is claimed that the nutritive quality of hay may be much more easily secured by feeding it fine, and that the gain in fattening quality is great.

SWEET FRUIT.—Mr. George Quirt recently cut down a bee tree in Arthur township, which will, he believes, contain six hundred weight of honey.

Comfortable quarters—twenty-five cent pieces. A little alum, dissolved in stove polish, adds very much to its efficacy.

Science.

AN IMPORTANT EXPERIMENT.—A new steam-engine was recently introduced on one of the London passenger railways, as a substitute for horse-power.

The account says: The engine was entirely enclosed, and presented the appearance of a diminutive car in front of the regular tram car. During the experiments a number of handsome cabs were driven by the side and in front of the engine, the horses not being at all frightened by it.

The advantages claimed for the use of this new engine over the present system of traction by horses were—a saving of £300 per annum in the working expenses of each car; an increase of speed when desirable; a more perfect control for stopping and starting than at present; and that at each terminus it can be disconnected and brought to the front of the car in less time than that taken by horses.

The trials were considered very satisfactory. CANAL BOATS BY STEAM.—A method of towing canal boats by steam has been introduced into Belgium. The locomotive is similar to those in use on the Lisbon tramways, and runs on a single line laid on the towing-path.

The driving-wheels are broad-flanged, with rubber tires, and run on the macadamized surface of the path; two grooved wheels bear on the rail and guide the direction of the locomotive. By a simple piece of mechanism the greater weight can be thrown upon either the driving or guiding wheels at will.

Only one line is laid down, and when two locomotives meet they exchange barges and retrace their paths. They weigh four tons, and draw heavy barges at a speed of about three miles an hour.

MACHINE WANTED.—A correspondent of the N. Y. Tribune says: Farmers generally require a machine, I think, such as I have never seen or heard of, but of which I have especially felt the need, as it will save labor and utilize forage.

It is this: Say a machine that will pulverize, or crush, or grind, with once handling, our corn crop; that will reduce the entire growth, job, shuck and stock, as fine as ordinary meal. After the corn is cut and put in stooks (twelve hills square is the habit generally prevailing in the west), then as soon as the stooks are dry enough, feed them entire into the machine, which might be similar to a grain thresher, and propelled by steam or horse power.

My object is to place the corn-stalks as well as the corn in condition for the cattle to properly masticate, digest and assimilate.

Do ANIMALS COUNT?—It argues higher power than some people give them credit for if they do, and as a question of fact a correspondent of the Advance offers this testimony: "A gentleman of New Orleans says the mules on a certain street railway are changed on the fifth round, and seem to recognize the fact by a whinny on approaching the terminus at the last round.

An acquaintance of mine in Pennsylvania, who manufactures flour in large quantities, and drew it from the mill to the railroad station with the same team and same waggon, always loading the same number of barrels, found that his horses counted as accurately as his men; they would start off upon the instant that the last barrel of the load had settled itself into its place, and never before, and no attempts to cheat them by stopping one or two short of the number and waiting, or leaving the waggon would ever succeed.

A remarkable article—fish-flour—has lately been introduced into the market. It is prepared from dried fish of first quality; it is thoroughly desiccated, and then ground in a mill.

When you feel physically "out of sorts," leave off eating, and, instead of seeking something "to take," seek something "to do."

A PRETTY THIEF.—A robbin red-breast's nest, which was lately blown down in Dr. Clark's garden at Princetown, had a point lace collar, value about \$10, interwoven in it. The little thief had stolen the article from some one's clothes-line.

Ninety-seven of the 165 towns and cities in Connecticut have voted not to issue licenses for the sale of intoxicating liquors.

If rocks ever bled, they would bleed quartz.

READ THIS!!

C. E. & G. O. GATES, MANUFACTURERS AND IMPORTERS OF

ORGANS & PIANOS,

Melvern Square, Wilmot, N. S.

Encourage native enterprise and save the duty freight, commission, and profit on American instruments. Send for a Price List. March 24.

BAPTIST CHURCH REQUISITES.

Art 105 and Covenant \$1.00 per 100. Church Record and Register \$2. & \$3. each. Alphabetical List of Members 40 cts. each. Letters of Dismission 50 cts. per quire. Psalms, in all varieties, from 75 cts. Baptist Hymn Book from 50c.

Baptist Hymn and Tune Book \$1. & \$2.25. Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, 69 & 71 GRANVILLE ST., HALIFAX. April 15.

BRITISH AMERICAN BOOK & TRACT DEPOSITORY,

133 GRANVILLE STREET,

HALIFAX, N. S.

SABBATH-SCHOOL LIBRARIES, At Very Low Prices, and Solicit Your Order.

THE STOCK ON HAND (over 16000 vols.) comprises selections from the works published by the Religious Tract Society of London, Society for Promoting Christian Knowledge, Book Society, the American Tract Society Carter's, Nelson's, Nisbet's, S. Union, Hamilton, Adams & Co., Johnston & Son, and others. About 360 Libraries, neatly done up in boxes, comprising the books of several of the foregoing Publishers, just received from Messrs. Campbell & Son, of Toronto. A liberal discount from the Society's prices to ministers for their own use, and to Sabbath Schools.

The Society have also constantly on hand a large assortment of Illustrated Sabbath School Papers, Papers for Teachers with Notes on International Lessons; Sunday School World; Sunday School Times, &c. Lesson Papers for Teachers and Scholars, Primary, Intermediate and Advanced. Hymn Books with Music: Bateman's 200 Hymns and Melodies—50 cents per dozen. Happy Voices, Echo to Happy Voices—30 cents each. Silver Spray—40 cents; Songs of Salvation—45 cents each. Royal Diadem, and Pure Gold—35 cents each.

Tracts for Teachers on the Best Modes of Teaching. Commentaries, Maps of Palestine, S. School Reward Cards, Children's Tracts, &c.

Address orders to, A. McBEAN, Secretary, 133 Granville Street, Halifax, N. S. May 20.

Agents for the Christian Messenger.

NOVA SCOTIA. Amherst—W. F. Cullen, Esq. Antigonish—T. M. King, Esq. Aylesford—Rev. Dr. PUPPER, J. Wheelock, Esq. Do., Canning—Jas. S. Witter, Esq. Do., Canning—Jas. S. Witter, Esq. Do., Lakeville—Melatiah Kinsman. Digby—Mrs. Bent. Digby Jiggins—Wm. Aymar, Esq. Digby Neck—Rev. J. C. Morse. DeBert River—Wm. McCully, 4th. Dalhousie East—Thomas A. Wilson. Economy—Josiah Soley. Granville—Joseph D. Halfyard. Guysborough—Christopher Jost, Esq. Greenfield—Robert Hallow. Hantsport—C. J. Margeson, Esq., M. D. Hillsburgh—Nelson Miller, Esq. Kentville—Joseph D. Masters, Esq. Kentville—Melatiah Kinsman. Liverpool—Charles Bill, Esq. Long Island—Isaiah Thurber, Esq. Londonderry, Great Village—Ezra Layton. Maccan, River Hebert—Hance Mills. Milton, Queen's—G. Whitfield Freeman, Esq. Mill Village—W. A. Reed. Musquodoboit—Edward McCabe. Mahone Bay—Joseph Ham. Margaree, C. B.—Lachlan McDonald. New Germany—Adam E. Durland. Rosette—Joseph Dimock, Wm. H. Knowles. Nictaux—W. A. Morse. New Albany—Daniel Whitman. Cuslow—J. B. McNutt, Esq. Paradise—M. E. Marshall. PARSBORO—Martin Hunter. Por. Medway—James T. Foster. Poraupique—Joseph Upham. Pabnico—Isaac Larkin. Pugwash—Angus McDonnell. Rawdon—John McLearn, Esq. River Philip—Thomas H. Patton. Rosette, Annapolis—Richardson Harris, Esq. Locke's Island—Xerxes Z. Chipman, Esq. St. Mary's Bay, Digby Co.—Chas. McNeill, Esq. Shelburne—Rev. E. N. Archibald. New Ross—James Lantz. Springfield—Israel McNayr, Esq. Stewiacke—Rev. O. Chute Rev. Jas. Meadows. Sydney, North, C. B.—A. G. Musgrave. Sydney Town, C. B.—C. H. Harrington, Esq. Truro—L. J. Walker, Esq. Windsor—Andrew F. Shand. Walton—F. Parker, Esq. Westport—Roland E. Fayson, Esq. Westport—Rev. C. Randall. Wilmot—Dr. J. Woodbury. Wilmot, Canada Road—Fletcher Wheelock. Wilmot Mountain—Jas. P. Foster, Esq. Wolfville—G. V. Rand. Yarmouth—William Churchill, C. W. Sanders Do., Carleton—Rev. J. A. Stubbart. Do., Hebron—Wm. R. Doty. Do., Ohio—George Crosby, Esq. ST. JOHN, N. B.—John F. Masters, Esq. PRINCE EDWARD ISLAND. Crapaud, P. E. I.—Dr. Tremaine. Charlottetown—James Desbrisay, Esq. Summerside—Dimock Archibald. Three Rivers—Rev. John Shaw. West River—Rev. Malcom Ross. East Point, P. E. I.—Wm. M. McVane.

THE GREAT SALE

OF STAPLE AND FANCY DRY GOODS

AT

A. L. Wood's,

GRANVILLE ST.,

IS NOW ON.

As our Stock is one of the LARGEST, CHEAPEST and BEST assorted in the city, intending purchasers will find it to their advantage to inspect our stock before buying elsewhere.

WHOLESALE AND RETAIL. A. L. WOOD, 100 GRANVILLE STREET, June 23.

C. L. WEEKS,

LONDON HOUSE BUILDING,

WATER ST., WINDSOR.

SAVE 15 CENTS in every DOLLAR by purchasing your BOOTS and SHOES, HATS and CAPS from C. L. WEEKS. April 14.

A Gem worth Reading!—A Diamond worth Seeing. SAVE YOUR EYES! Restore your Sight! TRY AWAY your SPECTACLES.

By reading our Illustrated PHYSIOLOGY AND ANATOMY OF the EYE IN SIGHT. Tell us how to Restore Impaired Vision and Overworked Eyes; how to cure Weak, Watery, Inflamed, and Near-Sighted Eyes, and all other Diseases of the Eyes. WASTE NO MORE MONEY BY ADJUSTING HUGE GLASSES ON YOUR NOSE AND EYES. FIGURING YOUR FACE. Pamphlet of 100 pages Mailed Free. Send your address to us also.

Agents Wanted, Gentls or Ladies. \$5 to \$10 a day guaranteed. Full particulars sent free. Write immediately, to DR. J. BALL & CO., (P. O. Box 322), No. 61 Liberty St., New York City, N. Y. Nov. 25.

FOR CONSUMPTION AND ALL DISEASES THAT LEAD TO IT; SUCH AS Coughs, Neglected Colds, Bronchitis, Pain in the Chest, and all Diseases of the Lungs, ALLEN'S LUNG BALSAM IS THE GREAT MODERN REMEDY.

IT IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing. IT IS WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption! IT IS WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head, as it contains no Opium in any form. IT IS WARRANTED to be perfectly harmless to the most delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time.

Price \$1 per Bottle. Sold by all Druggists. April 22.

MESSRS. CRADDOCK, & CO., 1032 Race St., Philadelphia, Pa.

Gentlemen:—Please send me an other half dozen of your valuable medicine "Indian Hemp" for the cure of CONSUMPTION. It is the King of Remedies. I have been benefited to my full satisfaction, and that is saying a great deal, my experience is that Hemp cures every thing akin to Asthma and Bronchitis I have tested it. Let there be no delay. In friendship, MRS. V. H. CONNER. Burlington, Ky., June 23, 1874. Aug. 12.

Superior Pianos, IN VARIOUS STYLES. UPRIGHT, OBLIQUE, SQUARE, &c. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of THE "SILVER TONGUE." A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y. The above are offered to a discriminating public at moderate prices, WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

THE CHRISTIAN MESSENGER. Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25 when over six months \$2.50. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

ADVERTISING at usual rates. STEPHEN SELDEN, Proprietor. OFFICE No. 71 GRANVILLE STREET, HALIFAX, N. S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand.