

The Christian Messenger.

HALIFAX, N. S., FEBRUARY 17, 1875.

ALMANAC FOR FEBRUARY.

New Moon, Feb. 6th, 3h. 46m. morning.
First Quarter, " 13th, 1h. 6m. morning.
Full Moon, " 20th, 3h. 47m. morning.
Last Quarter, " 28th, 5h. 37m. morning.

Table with columns: Day, SUN. Rise, Sets, MOON. Rise, Sets, High Tides. Rows for days of the month.

TIDE TIDES.—The column of the Moon's Southings gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

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.

The "Florence"

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.

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.

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.

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.

St. Johns, 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.

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. In case it will not benefit. Indeed, so 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, 25 William Street, New York.

Agriculture.

GRASS FOR POOR LAND.—A correspondent wishes to be informed what kind of grass to sow on poor soil, so as to support stock sufficient to till the land, make beef and butter, and provide a supply of manure, so that the farm shall not grow poorer year after year.

It is difficult to answer such a question properly without fuller information. Clover, vetches, rye, rape, or kohlrabi, grown with the aid of artificial manure and fed off by sheep, will put poor land into a state fit for a roof crop, after which it may be sown to grain of some kind, and laid down to grass. Or, little by little, the farm may be brought up to a higher pitch of fertility by liberal manuring, and then seeded down. Clover is a valuable restorative on soils where it will flourish, and may be eaten off by sheep or ploughed under as a green manure with the best results.

PRIMITIVE PLOUGHING.

A Mexican correspondent of the Louisville Courier-Journal writes: On our way to Temisco we had an opportunity of observing more closely than diligence or railroad can permit, the process of ploughing as commonly practised in this country. The plough itself is almost a fac simile of the pattern used by the Egyptians in the time of Abraham, and certainly commends itself to all agriculturists on account of its great simplicity and cheapness. It consists of a wooden shaft about four feet long and four inches thick, armed at its lower extremity with an iron point, slightly flattened, and sometimes presenting a feeble forward curve. The other end is provided with a round stick passed through a hole to serve as a handle. The pole, consisting of the stem of a small tree, from which the bark has been peeled, is fifteen feet long and attached to the shaft by means of mortise and peg. The implement thus constituted is fastened to the extremity of the pole to the middle of a very light wooden yoke, about seven feet long, which rests immediately behind the horns of a pair of oxen, and is fastened there by thongs of rawhide passed around the roots of the horns. Not less than fifty such contrivances were crawling at a snail's pace over the field, which we stopped to notice, scratching up the ground the depth of two or three inches—certainly to us a very novel sight.

TURNIPS.

Any farmer who grows three to five acres of corn may have three to five hundred bushels of flat or field turnips to feed, if he will take the trouble to save the seed. If any one wishes to try it next season, and will follow the directions here given, I will guarantee them a full crop every time: Get good seed. Sow half a pound per acre in among the corn any time in July, when working the corn the last time; be sure and put the seed down broadcast, before you plow or cultivate the corn, so as to work the seed into the ground; no matter if you are marking with the plow, you will not get them in too deep. The seed will come up sure. For the good of your corn and turnips, keep the weeds down.—Rural New-Yorker.

Prof. McNab has presented to the Royal Irish Academy a memoir on the ascent of water in the stems of plants, to investigate which point very many experiments were made. He finds in the privet the rate of ascent to be about six inches per hour; in the elm 16.6 inches; in the cherry laurel the rate varied from 24 to 12 inches. Experiments were also made as to the influence of sunlight and darkness, the influence of the bark, the influence of the leaves, and the influence of pressure.

A company has been formed in Los Angeles, to plant 300 acres of forest trees for fuel and other uses, on the line of the Anaheim extension of the Southern Pacific Railroad.

Science.

STEEL FROM SAND.—The great commercial value of the magnetic iron sands of New Zealand, worked to so much advantage in the manufacture of steel, has called attention to the very extensive deposits of the same substance on the coast of Labrador, and several establishments are now engaged in gathering this and forwarding it to England. At one place about thirty tons a day are extracted. The separation of this sand from other substances mixed mechanically with it is greatly facilitated by the use of a new magnetic ore separator, which has also been used to advantage in other localities where the ore by roasting is converted into a magnetic oxide of iron, then pulverized and the iron extracted.—Harper's Magazine.

TAR, OR WHITEWASH.—Tar or any black substance tends to rot wood away much faster than wood that has had nothing at all done to it. A fence tarred and exposed to the full sun, as any observer knows, soon crumbles away. In a few years the wood is like an overdone pie-crust. And then all know how long a mere whitewash fence lasts. Yet there is no preservative character of much account in lime. Every rain goes through it into the wood, but it is the white colour, which rather turns away the heat than attracts it which is in that case the great agent which preserves it so long.

In all discussions as to the preservation of wood by paints or coatings, therefore, we see that the colour of the washes or paints is an important point in the argument. As for tar, it is the very worst thing that could be used where there is exposure to the sun, Under ground, or where there is no heat for it to attract of consequence, it is another matter, and does possess more or less preservative power.

FRENCH SOUP WITHOUT MEAT.—Take a large lump of butter, and a table-spoonful of flour; brown them in the saucepan in which the soup is to be made; then chop up finely some carrots, onions, celery, sorrel, and potatoes, and mix them well together; put them into the saucepan with pepper and salt; pour boiling water over them, and let them stew for three or four hours. A few herbs are a great improvement.

OLD WELLS.—Mr. Thomas sends, from Dayton, one of the spiciest bits of "humors of the trade" we have yet seen: "I had just put out a poster for Talmage's last book. The next day I received a postal card, which read: 'Dear Sirs, I see you have "Old wells dug out." I have an old well I want dug out. Send your man around at once to 17 La Belle street. Yours truly, Richard Ford.'"—Publishers' Weekly.

The three small planets discovered by Herr Palis, at Pola, near Trieste, on March 18, April 21, and October 13, last year, have received the names Austria, Meliboea, and Siwa, respectively. The only one still in want of a name is that discovered by Prof. Watson, at Pekin, in October 10.

In Paris a roller has been invented calculated to clear the streets of snow by means of a fire inside of the machine. Several street Arabs have forwarded a humorous petition to the inventor begging that he will pass the roller over them in place of the snow.

It is said that the worst case of gravel may be cured, the deposit dissolved and passed away, by using the water in which potatoes have been boiled to pieces. Strain the water, sweeten to taste, and drink for two or three weeks.

An inkstand was turned over upon a white tablecloth, a servant threw over it a mixture of salt and pepper plentifully, and all traces of it disappeared.

Picture-frames and glasses are preserved from flies by painting them with a brush dipped in a mixture made by boiling three or four onions in a pint of water.

Bedbugs are kept away by washing the crevices with strong salt-water, put on with a brush.

Soft soap should be kept in a dry place in the cellar, and not used until three months.

A bit of glue dissolved in skim milk and water will restore old craps. Half a cranberry bound on a corn will soon kill it.

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 Dismissal 50 cts. per quire. Palmists, in all varieties, from 75 cts. Selection of Hymns &c., 12 cts., or \$10.00 per 100. Scripture Catechism, \$0.00 per 100. CHRISTIAN MESSENGER OFFICE, 69 & 71 GRANVILLE ST., HALIFAX.

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. Less-n Papers for Teachers and Scholars.—Primary, Intermediate and Advanced. Hymn Books with Music: Batesman'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.

Hats and Caps.

WE have now on hand a full Stock of all kinds, including the NEWEST STYLE, to which we invite the attention of our friends, both at Wholesale and Retail. Our prices are as low as any in the city. Silk Hats made to order by Conformateur Measure, without extra charge. EVERETT BROTHERS, 100 GRANVILLE ST., May 3.

Agents for the Christian Messenger.

- NOVA SCOTIA. Amherst—W. F. Cutten, Esq. Antigonish—T. M. King, Esq. Aylesford—Rev. Dr. PUPPER, J. Wheelock, Esq. Barrington—Rev. J. L. Read. Beaver River—Wm. S. Raymond, Esq. Berwick—John M. Parker, Esq. Bridgewater—Wellesley J. Gates. Bridgetown—Nathan R. Morse. Brighton, Digby County—N. K. Westcott. Brookfield—A. J. Leadbetter. Beal's Mountain—John Whitman. Caledonia—B. L. Teifer. Chester—Rev. I. J. Skinner. Clements—Jas. E. Potter, Esq. Canso—C. H. Whitman. Cornwallis—J. E. Lockwood. Do., Billtown—Gideon Cogswell, Esq. Do., Canning—Jas. S. Witter, Esq. Do., Lakesville—Melatiah Kinsman. Digby—Mrs. Benn. Digby Juggins—Wm. Aymar, Esq. Digby Neck—Rev. J. C. Morse. DeBort River—Wm. McCully, 4th. Dalhousie East—Thomas A. Wilson. Economy—Josiah Soley. Granville—Joseph D. Halford. Guysboro on Ch.—Christopher Jost, Esq. Greenfield—Robert Harlow. Hantsport—C. J. Margeson, Esq., M. D. Hillier—Nelson Miller, Esq. Kempt—Joseph D. Masters, Esq. Kentville—Melatiah Kinsman. Liverpool—Charles Bill, Esq. Long Island—Isaiah Thurber, Esq. Lunenburg, Great Village—Ezra Layton. Macran, River Herbert—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. Newport—Joseph Dimock, Wm. H. Knowles. Nictaux—W. A. Morse. New Albany—Daniel Whitman. Caslow—J. B. McNutt, Esq. Paradise—M. E. Marshall. Parryville—Martin Hunter. Fox Meadow—James T. Foster. Portapique—Joseph Uplham. Pubnico—Isaac Larkin. Pugwash—Angus McDonnell. Rawdon—John McLearn, Esq. River Philip—Thomas H. Patton. Rosette, Annapolis—Richardson Harris, Esq. Locke's Island—Kerxes Z. Chipman, Esq. St. Mary's Bay, Digby Co.—Chas. McNeill, Esq. Shelburne—Rev. E. N. Archibald. Sherbrook West—James Lantz. Springfield—Israel McNay, Esq. Stynacke—Rev. O. Chute, Rev. Jas. Meadows. Sydney, N. S. P. I.—A. G. Musgrave. Sydney Town, C. B.—C. H. Harrington, Esq. Truro—Robt. Chambers, Esq. Windsor—Andrew F. Shand. Walton—F. Parker, Esq. Westport—Holland B. Payson, Esq. Weymouth—Rev. C. Randall. Wilmet—Dr. J. Woodbury. Wilmet, Canaan Road—Fletcher Wheelock. Wilmet Mountain—Jas. F. Foster, Esq. Wolfville—G. V. Rand. Yarmouth—William Churchill, C. W. Sanders. Do., Carlton—Rev. J. A. Stubbart. Do., Hebron—Wm. R. Doty. 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 Point—Rev. Malcolm Ross. East Point, P. E. I.—Wm. M. McVane.

\$50 EACH WEEK, SURE.—Agents wanted everywhere. Particulars free. Address ROGERS & BLACK, Amherst, N. S. Nov. 25. 6m.

WHOEVER

WANTS a good salary, an independent business, an agreeable occupation, should not fail to send to JOHN CHURCH & Co., Cincinnati, for their circular and terms to agents of CHURCH'S MUSICAL VISITOR. For a business which can be started without capital, it is the most profitable occupation in the land, requiring only intelligence, activity, and perseverance—qualities that many a young man and woman can bring to bear when they can not command money. Try it; send for terms and circulars and see. Address JOHN CHURCH & CO., Cincinnati, Ohio. Oct. 21. 3m.

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 constiveness (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.

STILL LIVING!

ROGERS' GANCR & SCROFULA REMEDY. THE only reliable cure for SCROFULA and CANCEROUS DISEASES ever discovered. Send for Circulars detailing its wonderful success in the UNITED STATES surpassing the astonishing cures made in this country. Price of Syrup \$1.50 a bottle. Ointment \$1.00 larger, 50 cents smaller box. On receipt of price it will be sent to any part of the Dominion per Express pre paid. Special terms made with dealers. ROGERS & BLACK, Amherst, Nova Scotia. Agents Dominion of Canada. June 10.

MESSRS. CRADDOCK, & CO.,

1033 Race St., Philadelphia, Pa. Gentlemen:—Please send me an other half dozen of your valuable medicine "Indian Hemo" 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 Hemo cures everything akin to Asthma and Bronchitis I have tested it. 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 Cahart and Needham, N. Y. This above are offered to a discriminating public at moderate prices. WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

MUSICAL. C. E. & G. O. GATES

Manufacturer of ORGANS AND PIANOS. GENERAL Agents for the Smith American Organ Company, and Henry F. Miller's Pianos. Second hand Pianos and Organs taken in exchange for new. A practical man will travel over the Province twice a year, for the purpose of tuning, repairing, and taking orders. Instruments warranted for 5 years. Melvern Square, Wilmet, N. S. June 18.

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.