

The Messenger Almanac.

OCTOBER.

New Moon, Oct. 4th, 0h. 29m. M.
First Quarter, " 10th, 8h. 21m. A.
Full Moon, " 18th, 0h. 12m. M.
Last Quarter, " 26th, 2h. 46m. M.

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

THE TIDES.—The column of the Moon's Southing 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.

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.

Ayer's Cherry Pectoral

For Diseases of the

Throat and Lungs,

such as Coughs, Colds,

Whooping Cough,

Bronchitis, Asthma,

and Consumption.

The reputation it has attained, in consequence of the marvellous cures it has produced during the last half century, is a sufficient assurance to the public that it will continue to realize the happiest results that can be desired.

As a safeguard to children, amid the distressing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use, multitudes are rescued and restored to health.

This medicine gains friends at every trial, as the cures it is constantly producing are too remarkable to be forgotten. No family should be without it, and those who have once used it never will.

PREPARED BY Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists.

Just Published. TANNERS' CHEMISTRY WITH INTRODUCTION BY PROFESSOR LAWSON, Ph. D., & A. & W. Mackinlay, Publishers.

AGENTS For the Pictorial Bible Commentary, 618 Pages, 475 Illustrations and Maps. The most complete and comprehensive Commentary on the entire Scriptures, by BRADLEY GARRETTSON & Co., Bradford, Ontario.

JUST PUBLISHED—SENT FREE. Complete History of Wall Street Finance, containing valuable information for investors. Address Baxter & Co., Publishers, 7 Wall St. New York.

72¢ A WEEK. \$12 a day at home easily made. Costly outfit free. Address TRUE & Co., Augusta, Maine. \*Sept. 29, 1880.

THE FARM.

Pigs when fattened rapidly are frequently weak in the back and hind legs; this is occasioned by feeding them largely on fat-producing matter, and too little of bone and muscle material.

GARDEN SLUGS.—The plan of using bran to trap slugs is, probably, the best of any yet tried. The slugs are very fond of it. In the words of an English gardener, "They seem to scent it from afar, and troop to it from every lurking-place round about."

TRAINING OXEN.—"The first thing necessary in training oxen," said Mr. White, who trained the yoke of oxen on exhibition through the country, "is kindness, then patience."

TIME FOR TRANSPLANTING.—We have two or three inquiries now before us as to whether spring or fall is the best time to set out trees. We can't tell how often we have treated on this subject, but it is natural that the question should continue to be asked, as young men grow up, marry, and either go to farming or in other ways possess land and desire information as to what fruit trees to plant and when to plant them.

the ground put about them should be fine and rich. If the roots are too big they should be somewhat pruned, and the branches of the tree also.

SCIENCE.

An interesting confirmation of the "fish story" that young sharks take refuge in the stomach of their mother in time of danger has just been furnished. A female shark nearly seven feet long was caught recently off Great Neck, L. I., and sent to Mr. E. G. Blackford, of New York.

THE OCEAN FLOOR.—The Atlantic, we are told, if drained, would be a vast plain, with a mountain ridge in the middle, running parallel with our coast. Another range crosses it from Newfoundland to Ireland, on top of which runs a submarine cable.

LEMON SYRUP.—To every pint of juice add one pound and a quarter of white sugar. Simmer until clear, then cool and bottle, corking tightly.

THE HOUSE.

Here is a method for cooking eggs to make sandwiches, far nicer than the usual way of carrying cold boiled eggs to a picnic or an excursion. Put butter into a narrow and rather deep cake tin, let it soften, but not melt too much; break in a dozen or more fresh eggs, salting and peppering as one likes;

CHOW-CHOW.—One dozen half ripe musk melons, one dozen seed cucumbers, one dozen green tomatoes, one pint of finely chopped horse-radish, one-fourth pound of mustard seed, one-fourth pound of ground mustard, two tablespoonfuls of salt, one tablespoonful of French curry powder, one red pepper, one green pepper, three quarts cider vinegar, and one and one half cups of brown sugar.

PICCALILLY.—Fifty small cucumbers, one large white cabbage, half a peck of green tomatoes, two quarts of small string beans, one dozen pieces of celery, three green peppers, four red peppers—seed taken out—two heads of cauliflower. Chop all quite fine and soak over night in strong salt and water.

To tighten and strengthen the gums, wash the mouth three or four times a week with a little tincture of myrrh in cold water. About one part of the former to three-parts of the latter.

To Architects, Builders and Others. BROKENSHIRE'S PATENT MINERAL FIRE-PROOF ROOFING. -AND COMPOSITION FOR- Paths, Sidewalks and Cellar Floors! PATENT MINERAL FIRE-PROOF ROOFING.

There is an old saying that "necessity is the mother of invention," and perhaps nothing is felt, as a want, by our Builders and Architects, more than a good Material to cover flat roofs, and one that dependence can be placed in.

A material to meet these shortcomings has been invented and patented by Mr. JOHN BROKENSHIRE, of Kingston, Ont., who has succeeded in introducing it extensively in that locality; and wherever it has been used it has given the greatest satisfaction.

This roofing is pronounced by competent judges to be "far superior to anything yet discovered for SAFETY and DURABILITY, being perfectly safe from sparks or blazing shingles, and quite impervious to winter frost or summer heat."

The undersigned is now prepared to show samples of the Roofing, and to receive and attend to orders for spring and summer operations.

The most Perfect Satisfaction Guaranteed! Price and full particulars and testimonials on application to GEO. FRASER, Agent for the Maritime Provinces and Newfoundland.



INTERCOLONIAL RAILWAY.

SUMMER ARRANGEMENT. TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.) At 8.25 a. m.—Express for St. John, Pictou, and intermediate places.



Windsor and Annapolis Railway.

Table with columns for MILES, GOING WEST, GOING EAST, and Express Daily. Rows for stations like Halifax, Windsor, Wolfville, etc.

Table with columns for MILES, GOING WEST, GOING EAST, and Express Daily. Rows for stations like St. John, Annapolis, Middleton, etc.

Steamer "Empress" leaves St. John every Monday, Wednesday and Friday for Digby and Annapolis, and leaves Annapolis on arrival of Express Train from Halifax at 1.40 p. m. every Tuesday, Thursday and Saturday for Digby and St. John.

HALIFAX AND CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a. m., and New Glasgow at 1.45 p. m. Arrives at New Glasgow at 11.30 a. m., and at Antigonish at 4.15 p. m.

Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.15 a. m. on Monday, Wednesday and Friday; and at 11.45 a. m., on Tuesday, Thursday and Saturday.

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3; each. Alphabetical List of Members 30 cents each.

SAVE THE NATION!

For it is sadly too true that thousands of children are STARVED TO DEATH every year by improper or insufficient food. Remember,

RIDGE'S FOOD FOR INFANTS AND INVALIDS,

Is all and a great deal more than we have claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Nova Scotia Book Bindery, G. & T. PHILLIPS,

Cornor Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

KIDDER'S PASTILLES.

A Sure Relief for Asthma. Price 35 cts. by mail. STOWELL & CO. Charlestown, Mass.

MUSICAL GATES BROS.,

Manufacturers of ORGANS AND PIANOS, Organs from \$75 and upwards. War-ranted for 7 years. Pianos \$200 and upwards. The usual discount to Clergymen, Churches, Teachers and Societies. Factory—MELVERN SQUARE, Annapolis Co.

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 POSTAGE PREPAID. STEPHEN SELDEN, PROPRIETOR, Office No. 66 & 71 Granville Street, Halifax, N. S.