

The Messenger Almanac.

Table with columns for Day, SUN., MOON., and High Tide. Includes dates from 1st to 31st of January.

THE TIDES.—The column of the Moon's Southing 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 12 hours and to the remainder add the time of rising next morning.

BAPTIST CHURCH REQUISITES.

- Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3 each. Alphabetical List of Members 40 cents each.

C. A. SNOW & CO. WASHINGTON, D.C. PATENTS

obtained for new inventions, or for improvements in old ones. Caveats, Trade Marks and all patent business promptly attended to.

INVENTIONS THAT HAVE BEEN REJECTED may still, in most cases, be patented by us. Being opposite the U. S. Patent Office, and engaged in PATENT BUSINESS EXCLUSIVELY, we can secure patents in less time than those who are remote from Washington and who must depend upon the mails in all transactions with the Patent Office.

When Inventors send model or sketch we make search in the Patent Office and advise as to its patentability FREE OF CHARGE. Correspondence confidential, prices low, and NO CHARGE UNLESS PATENT IS OBTAINED.

We refer to Hon. Postmaster General D. M. KEY, Rev. E. D. POWER, to officials in the U. S. Patent Office, and especially to our clients in every State of the Union and in Canada. For special references, terms, advice, &c., Address

C. A. SNOW & CO., OPPOSITE PATENT OFFICE, WASHINGTON, D. C.

EX INTERCOLONIAL RAILWAY.

- RECEIVED THIS DAY. 20 bxs. Saffin Face Starch. 25 " Durham Corn Flour. 25 " Champion Washington Crystal. 20 " Ex Macaroni. 50 " Assorted Pipes. 6 Cases Alkali. 5 " Gillott's Hop Yeast. 1 " Transparent Soap. 2 " Coleman's Mustard. 2 " Keen's do. 1 " Reckett's Blue.

TO ARRIVE.—400 bxs. Soap "London Laundry." 200 " " "Empress Queen." 100 " " "Mayflower." 200 " " "Brown."

FOR SALE AT LOWEST MARKET RATES.—R. N. BECKWITH, Head of Commercial Wharf, July 2.

TRURO MARBLE & FREESTONE WORKS,

CORNER OF Prince & Waddell Sts., Truro, N. S. A. J. WALKER, Proprietor.

MONUMENTS, HEADSTONES, TABLETS, TABLE TOPS, SOAP STONES, &c., All work executed in the most approved style.

Orders from the country personally and promptly attended to. Orders will also be received for Red Granite Monuments. Feb. 26, to Dec. 31, 79.

AGRICULTURE.

Many of our readers, we believe, do not see the N. S. Journal of Agriculture. The following from its pages will interest them:

NOVA SCOTIA POULTRY ASSOCIATION.—The Committee are making arrangements for their Spring Exhibition, which will be held about the end of February or early in March. The prize list has been prepared, and will shortly be issued.

Some new features have been introduced. The Association prizes for the principal varieties of fowls are offered for single birds instead of for pairs, \$1.00 for best cock, \$1.00 for best hen \$0.50 for second, instead of \$2.00 for best pair and \$1.00 for second. This will secure the prize to the best birds. Under the old arrangement the best bird in the Exhibition might fail to win a prize owing to being mated with a poor specimen. Another new feature is the offering of premiums for the best dressed poultry (dead), and geese single specimens; fowls and ducks, pairs. Prizes will also be offered for the heaviest dozen of eggs, \$1.00, \$0.50 \$0.25.

It is proposed to hold a Poultry Show in Yarmouth in January.

PRICKLY COMFREY.—We had an article on this subject a short time since. It being so valuable a product of the soil we venture to give our readers another piece, from the above source.

Anything that is good, that nourishes, makes strong, produces good milk, and makes fine beef, is desirable food for cattle. Roots alone are inadequate. Cut hay and straw are good, but that is not enough. Turnips are good, and mangolds, but turnips all the winter will not make firm beef. Cabbages, beets, potatoes, etc., are good in their season. In order to raise and keep cattle, it is desirable that we should have an abundance of the best and most nutritious food, therefore it is our interest to cultivate such vegetables as will supply it.

The Prickly Comfrey is the most wonderful plant discovered in modern times, and one of the most useful and important to farmers. It is first-rate to either feed or fatten horses, cattle, pigs and poultry. What would make it very important to farmers in Nova Scotia is that it is such an excellent food for milch cows, and so good a substitute for the best pasture. In this Province, especially in settlements where good land is scarce and valuable, much land that might be bearing crops has to be laid out in pasture. This plant is better than the best pasture. Milch cows fed on it give more milk and richer than when supplied with the best clover or timothy either green or dry. A quarter of an acre can be easily made to raise as much of this valuable plant as will feed two milch cows for 120 days with 400 lbs green food per day. One acre laid out in this plant can produce 100 tons of green feed each summer, or 16 tons dried for winter use. The reason why there is such a great yield from this plant are as follows: There is an immense amount of roots running down deeply into the ground, even from 18 inches to 3-feet, according to the nature of the soil. The great mass of tops is cut level with the ground and gathered from four to six or even eight times each season. After each crop the top is cut, the large amount of roots underneath the ground very rapidly force up shoots and leaves again, forming another supply to take the place of the former. All vegetables with big leaves draw largely from the air in their composition and formation. The roots are so deep in the ground that this plant is never affected by a dry season. Like the rhubarb it is never required to be replanted, but once put in the ground it remains year after year without further trouble, except that the soil be top-dressed with manure once a year. Of course the more manure the greater the yield. It is the first to grow in the spring and the last in the fall. It was discovered as a native of the Caucasus Mountains and can withstand the coldest climate.

Cultivators must observe that if these extraordinary results are to be obtained from Comfrey, it must be supplied with a corresponding application of manure, if the roots are to run down three feet the plough must go down there first, and if it is to grow like rhubarb it must be put like rhubarb in a rich garden soil.—Ed. J. A.] Mr Edward Foster, Dartmouth, is agent for the sale of the Prickly Comfrey, and will no doubt be glad to receive orders from any of our readers who may wish to experiment with this new forage plant. Rooted plants per 100 \$2.50, per lb. \$1.00. (1 lb. will make 100 strong cuttings.)

At the Royal Midland Root Show in England, some roots were shown of the Improved Green Barrel Turnip, each of which measured more than a yard in circumference; also Normanton Globe Mangels, 40 inches in circumference. At the Dumfries Root Show a head of Green Kale measured 11 feet in circumference.

A large portion of the Milk Supply of Halifax comes from Truro and intermediate stations on the Intercolonial Railroad:

The local morning train for Halifax, leaves Truro at 6.20, and arrives in Halifax at 9.15.

The quantities daily carried by this train are:

Table with columns for location and quantity: From Truro... 16 cans, equal to 162 qts. Johnson's Craig... 360 " Brookfield... 16 " " 192 " Low, Steviacka... 6 " " 72 " Shubenacadie... 70 " " 840 " " 2 boxes qt. cans, 108 " Milford... 40 cans, equal to 480 " Elmsdale... 12 " " 144 "

Making a grand total of 2,388 quarts of milk daily carried to the city, the empty cans being returned each evening.

The Onslow Farmers are making arrangements for the cultivation of Sugar Beet on an extensive scale during the ensuing season. They have applied to the Central Board to import the best quality of Seed from the sugar districts of Germany, and the Board are now making enquiries where and on what terms the best seed can be obtained.

The old New-England plan of digging up Canadian thistles bodily has proved a failure. It is impossible to do the matter thoroughly. The best way is to wait until blossoming time, and then plow them in deeply. Do this repeatedly. It not only leaves the land in mellow condition, but the dead thistles make a good fertilizer.

HENS AND EGGS.—There has been much loose talk about the total number of eggs a hen is capable of laying. Prof. Miles, in his excellent work on stock breeding, quotes Geyelin with approval: "It has been ascertained that the ovary of a fowl is composed of six hundred ovals or eggs; therefore a hen, during her whole life, can not possibly lay more eggs than six hundred which, in a natural course, are distributed over nine years in the following proportions:

Table with columns for year and number of eggs: 1st year after birth... 15 to 20 2d " " " 100 to 120 3d " " " 120 to 125 4th " " " 100 to 115 5th " " " 60 to 80 6th " " " 50 to 60 7th " " " 35 to 40 8th " " " 15 to 20 9th " " " 1 to 10

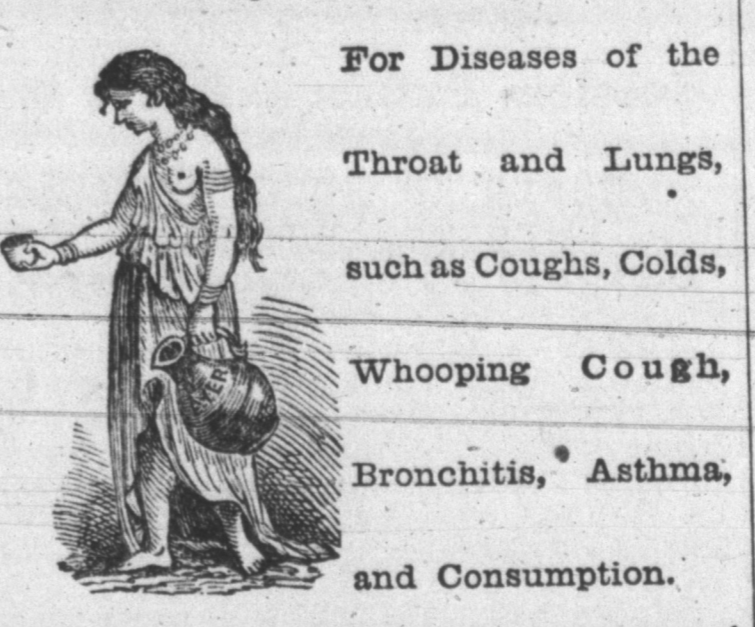
In as much as experience demonstrates that some breeds of hens are vastly more prolific than others, this statement of course, can be applicable only to the average of poultry.

The Germantown Telegraph thinks that we do not raise turnips enough. England, it says, pays the interest of its national debt by the product of this crop.

HEALTH HINTS.

ANOTHER CURE FOR DIPHTHERIA.—The Danvers (Mass.) Mirror publishes another cure for diphtheria, as follows: "Why don't they use onions? For goodness' sake why don't they use onions! Where do they live? I will go up there to-day and tell them to use onions." Such were the exclamations of our mother when we reported yesterday at dinner that a child of Mr. G. W. Dudley was dead, and the whole family, including himself, alarmingly sick with diphtheria. Mother was moved to these earnest and interested expressions by a firm belief that she knew several lives saved by the use of onions in diphtheria, one being our sister. In these cases raw onions in a bandage and beaten into a pulp, the cloths containing onions, juice and all, being then bound about the throat and well up over the ears. Renewals may be made as often as the mass begins to get dry. In the cases noticed the result was almost magical; deadly pain yielding in a short time to sleepy comfort. We wish this remedy might have a wide enough trial to fully test its usefulness."

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. In almost every section of country there are persons, publicly known, who have been restored from alarming and even desperate diseases of the lungs, by its use. All who have tried it, acknowledge its superiority; and where its virtues are known, no one hesitates as to what medicine to employ to relieve the distress and suffering peculiar to pulmonary affections. CHERRY PECTORAL always affords instant relief, and performs rapid cures of the milder varieties of bronchial disorder, as well as the more formidable diseases of the lungs.

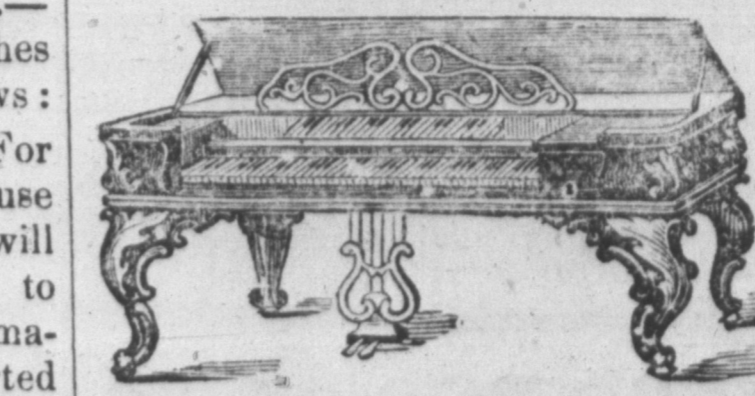
As a safeguard to children, amid the distressing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use, multitudes are rescued and restored to health. This medicine gains friends at every trial, as the cures it is constantly producing are too remarkable to be forgotten. No family should be without it, and those who have benefited it never will. Eminent Physicians throughout the country prescribe it, and Clergymen often recommend it from their knowledge of its effects.

PREPARED BY Dr. J. C. AYER & CO., Lowell, Mass., Practical and Analytical Chemists. SOLD BY ALL DRUGGISTS EVERYWHERE. BROWN & WEBB, Halifax, Dec. 11. Wholesale Agents.

PATENTS

obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch, and less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ associate attorneys. We make preliminary examinations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and Patents are invited to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court of Claims, and to the Officials of the U. S. Patent Office, and to Senators and Members of Congress from every State. Address: LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, D. C. May 1.

Nova Scotia Book Bindery, G. & T. PHILLIPS, Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Performers, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.



1879—Provincial Exhibition—1879

Fraser & Sons, 82 & 84 Barrington Street, Halifax, N. S. EXHIBITED SQUARE AND UPRIGHT PIANOS, And were Awarded DIPLOMA AND HIGHEST PRIZE.

These Pianos were not got up for exhibition, but were our ordinary manufacture. We invite inspection of our instruments; all first class and warranted to give satisfaction. THE PRICES have been reduced to suit the times and will be found to compare favorably with those of any Bankrupt stock. Piano-Fortes, Cabinet and Church Organs Tuned and repaired. Nov. 5.

INTERCOLONIAL RAILWAY.

1879 WINTER ARRANGEMENT 1879

TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.) At 8.30 a. m.—Express for St. John, Pictou, and intermediate places. At 1.16 p. m.—Express for Quebec and intermediate places. At 5.30 p. m.—Accommodation for Truro. WILL ARRIVE:— At 9.16 a. m.—Accommodation from Truro. At 1.56 p. m.—Express from Quebec and from St. John. At 8.30 p. m.—Express from St. John, and Pictou. Dec. 3, 1879.

WINDSOR & ANNAPOLIS Railway.

Winter Arrangement, Commencing 4th Dec., 1879.

Table for GOING WEST. Columns: Miles, Express Mon., Passengers and Freight, Pass. & Frgt. Daily. Rows: Halifax, Windsor, Wolfville, Kentville, Berwick, Middleton, Annapolis, St. John.

Table for GOING EAST. Columns: Miles, Pass. and Freight, Pass. and Freight, Express Mon., Pass. and Freight. Rows: St. John, Annapolis, Middleton, Berwick, Kentville, Wolfville, Windsor, Halifax.

HALIFAX AND CAPE BRETON RAILWAY.

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

GRAY'S SPECIFIC MEDICINE.

TRADE MARK. THE GREAT ENGLISH REMEDY, an unfailing cure for Seminal Weakness, Spermatorrhea, and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet, which we desire to send free by mail to every one. The Specific Medicine is sold by all druggists at \$1 per package, or six packages for \$5, or will be sent free by mail on receipt of the money by addressing THE GRAY MEDICINE CO., Toronto, Ont. Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail druggists. N. B.—The demands of our business have necessitated our removing to Toronto, to which place please address all future communications. March 12, '79.

"CUSTOM TAILORING."

H. G. Laurillard, 119 HOLLIS STREET, HALIFAX, N. S. Agency for New York Fashions.

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. 69 & 71 Granville Street, Halifax, N. S. Printing of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms. MAGISTRATES BLANKS ALWAYS ON HAND