The Messenger Almanac.

NOVEMBER. 1881.

MARTINETT'S 1001.						
New Moon, " 21st, 0h. 79 irst Quarter, " 28th, 7h. 471	m. A. n. M.					
W . Rise Sets. Rises. South. Sets. at I						
1 Tu. 6 42 4 46 2 19 8 18 1 4 2 W 6 43 4 44 2 48 9 8 2 17 3 Th . 6 45 4 43 3 18 9 59 3 28 4 Fr . 6 46 4 41 3 52 10 52 4 4 4 5 5 52 6 Su. 6 49 4 39 5 10 M. 7 1 7 M 6 50 4 38 5 58 0 38 8 6 8 Tu. 6 51 4 36 6 50 1 32 9 6 9 W 6 53 4 35 7 48 2 24 9 58 10 Th 6 55 4 34 8 47 3 15 10 42 1 11 12 13 13 15 10 42 14 14 15 14 15 15 15 15	2 12 3 36 4 46 5 47 6 36 7 22 8 43 9 23 0 38 1 17 A. 2 0 53 1 53 3 5 4 14 5 12 6 42 7 23 8 42 9 25 10 12 10 56 11 49 M 0 48					

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parreboro, 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 56 minutes LATER. A Westport, 2 hours 54 minutes LATER. A 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 12 hours and to the remainder add the time of rising next morning.

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 invived 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 Washing on; Hon. Jos. Casey, late Chief Justice, U. S. Court of Claims, 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,

CHURCH REQUISITES.

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

Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 ets. Baptists Hymn and Tune Book \$1.00 and \$2.25

Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE. No. 69 & 71 Granville St., Halifax. April 15.



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 manu-

struments; all first class and warranted to give satisfaction. Piano-Fortes, Cabinet and Church Organs Tuned and repaired. Nov. 5,

facture. We invite inspection of our in-

"CUSTOM TAILORING."

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

HEALTH HINTS

WHAT TO DO IN CASE OF ACCIDENT. -Prof. Wilder of Cornell University gives these rules for action in cases of accident. It would not be a bad thing to cut them out and carry them in one's pocket book or, better yet, commit them to memory.

For dust in the eyes, avoid rubbing, dash water into them; remove ciuders, etc, with the round point of a lead

pencil. Remove insects from the ear by tepid water; never put a hard instrument into the ear.

If an artery is cut, compress above the wound; if a vein is cut compress below.

water; if the skin is destroyed, cover of cotton-seed oil.

with varnish. Smother a fire with carpets. etc., low, but if carbonic acid is suspected, wet with ammonia. walk erect.

Suck poisoned wounds unless your mouth is sore; enlarge the wound, or, better cut out the part without delay; hold the wounded part as long as can be borne to a hot coal.

In case of poisoning, excite vomiting it." by tickling the throat, and by warm water and mustard.

For acid poisons give alkalies; for alkaline poisons, give acids; white of egg is good in most cases; in case of opium poisoning, give strong coffee and keep moving.

AGRICULTURE.

Sods for Poultry.- A poultryfancying friend recommends laying in a stock of sods before cold weather sets in, and stacking them up in a corner of the hen-house or under other suitable cover where the hens can have access to them during the winter. After snow comes the biddies will find a good deal of employment for their leisure time at least, if not more substantial benefit, in picking the heap to pieces.

CARTING SAND ON GARDENS. -Twenty-four years age we had three or four inches of sand carted on part of a of garden vegetables. When this sand current which is caught in the manner was well worked in the whole became an excellent sandy loam, just the soil for agreeable working. The labour of do, and the fine condition of the soil reas with manure. - Country Gentleman.

FEEDING POULTRY. - We have sometimes been amazed at the difference between chickens hatched from the same paren's and at the same season of the year, but differently treated as to food. We do not refer to cases where the youngsters have been starved or half-starved, and otherwise neglected, but to instances in which food has been abundantly supplied, and the fault has been rather in the quality than the quantity.

Before entering upon the discussion of the best method of feeding the growing birds, a few words as to the treatment of the breeding stock may not be out of

It is obvious that the chief points to be borne in mind here are, that the supply of food be such as shall promote a generally healthy, and vigorous state treedom from excessive fat, and also such as shall supply the necessary materials for the formation of eggs.

The egg of the domestic fowl when deprived of its shell consists of 73 parts of water, 14 parts of albumen or flesh torming material, 13 parts of fat, etc., and 11 parts of phosphates, etc. The proportion of flesh-forming material to fat is far larger in the white than in the yolk, but thatis not of importance for our purpose. The shell of the egg is mainly composed of carbonate of lime or hard chalk.

When potatoes are frozen the amount of sugar they contain is doubled, the starch undergoing a corresponding diminution while part of the protein passes from the coagulable into the soluble form. During the process of rotting the potato loses half its nitrogenous constituents and the whole of

SCIENCE.

To whiten a straw hat, first wash it to take any grease or dirt from it; then cut a lemon in halves, and rub the hat well with the pieces. This will whiten anykind of straw or leghorn. Dry in the air. For stiffening it, dissolve a little gum arabic in water, and wet the hat with it. When ready to press it, lay a cloth between the hat and an iron, and wet it. A toothbrush is good to use if the straw is coarse.

Cape Breton's coal fields cover an area of some 200 square miles.

Two gentlemen of New Orleans, If choked, get upon all fours and after experimenting for several months, have at last discovered or invented a For slight burns, dip the part in cold method of making excellent butter out

Yellow stains made by the oil used water will often spread burning oil, and on sewing machines can be removed if, increase danger. Before passing through | before washing in soapsuds, the spots be smoke, take a full breath and then stoop | rubbed carefully with a bit of cloth

> A correspondent writes: "A silver spoon placed in cans or tumblers will prevent cracking, no matter how bot the fruit or jelly is. I have heard iron was as good, but have not tested

To remove rust from knives, cover them with sweet oil well rubbed on, and after two days take a lump of fresh lime and rub till the rust disappears.

To darken mahogany, drop a nodule of lime in a basin of water; and wash the mahogany with it.

The sensitiveness of the telephone and human ear is something wonderful. Trowbridge, of Cambridge, found that if wires from a telephone were plunged into the earth at two points fifty feet apart and in the direction of the line connecting Boston and Cambridge, the beats of the Cambridge Observatory clock could be distinctly heard. If the points are taken in a direction at right angles to this nothing is audible. The clock sends its beats to Boston over a wire. which goes to earth both at Cambridge and Boston, and the return current garden, the soil of which was too clayey passes through the earth between the for the successful or convenient raising cities. The small portion of this return for Digby and Annapolis, and leaves Annapmentioned is enough to hear by. Trowbridge suggests that if two points in Europe, say in Spain and England, drawing on the sand was considerable, were connected by a wire going to but it was done in winter, when there earth at the ends, and if a powerful was little else for the man and team to current in this wire were closed and interrupted, as in telegraphing, then an mains as good as atfirst, and probably observer in the United States might does not evaporate, wash away, or become consumed in the growth of plants, as with manure.— Country Gentleman extremities. Certainly this is theoretically possible, however it might turn out in practice.

> Water made slightly salt, and to which bran in the proportion of one quart to every gallon has been added, is said to increase the yield of milk by 25 per cent., if it is given to cows as their ordinary drink. After a short time the cows will refuse pure water, unless they are very thirsty.

VARIETIES.

" I wouldn't care to be the prettiest girl alive," simpered a swain as he sat in a drawing-room, the other day. "Indeed! Why not?" was the response "Because," said he, "I'd rather be next to her."

When passengers talk too much to a generally healthy, and vigorous state When passengers talk too much to claimed for it. It is simply a HIGHLY of the constitution, which implies a the captain, he can always find relief by NUTRITIOUS and easily assimilated shouting, " Man over-bored!"

> Poverty is hard, but debt is horrible. A man might as well have a smoky house and a scolding wite, which are said to be the two worst evils of our life.—Spurgeon.

Life is a crucible. We are thrown into it, and tried. The actual weight and value of a man are expressed in the spiritual substance of the man. All else is dross.

Getting married is like buying kid gloves, time and wear prove the bargain.

Every man is fond of striking the nail on the head, but when it happens to be a finger-nail, the enthusiasm in the majority of cases becomes wild and incoherent.

Christianity is the good man's text; his life the illustration.

CHARLES AND A REST INTERCOLONIAL BAILWAY.

SUMMER ARRANGEMENT.

PRAINS leave Halifax daily (Sunday L excepted) as follows :-(Halifax time.)

At 8.25 a. m.—Express for St. John, Pictou, Quebec. At 12.15 p.m. - Accommodation for Pictou. At 5.00 p. m .- Accommodation for Truro. At 6.15 p. m.—Express for St. John and

WILL ARRIVE :-

At 9.15. a. m. - Accommodation from Truro. At 10 15 a. m., - Express from Quebec and from St. John.

At 2.50 p. m .- Accommodation from Pic-

At 7.45 p. m.—Express from St. John. Nov. 24, 1880.

Windsor and Annapolis Railway.

Summer Arrangement—Commencing Monday, April 4th, 1881. The following is according to Railway Time. Halifax times is 15 minutes later.

Miles.	GOING W	EST	Express Daily.	Passengers & Freigl Mon. Wed. & Frida	Pass. & Frgt. Dail
	Halffax	Leave	A. M. 7 45	8 52 P.M.	P. M. 3 00
64 71	Windsor. Wolfville. Kentville, Berwick.		9 40 10 30 11 05 11 36	12 30 1 36 2 30 3 18	6 15 7 17 7 40
102 130	Middleton. Annapolis.	Arrive	P. M. 12 23 1 40	4 55 6 40	
	St. John,	do	7 30		
Miles.	GOING I	LAST.	Pass. and Freight Daily.	Pass. and Freight Tuesdays Thursdays and Saturday only.	Express Daily.
	St. John,	Leave	A.M.	A. M.	A.M. 8 00 P.M.

Steamer "Empress" leaves St. John a 8 a. m. every Monday, Wednesday and Friday olis, on arrival of Express Train from Halifax. 1.40 p m, every Tuesday, Thursday and Saturday, for Digby and St. John.

Leave

Annapolis,

Middleton.

47 Berwick.

59 Kentville,

66 Wolfville.

84 Windsor

130 Halifax

6 30 2 15 8 20 3 31

9 46 4 20

11 15 5 00

6 57 11 45 5 24

8 15 1 16 6 12

Arrive'11 00' 4 30 8 10

HALIFAX and CAPE BRETON RAILWAY.

EXPRESS leaves New Glasgow at 1.00 P. M., after arrival of I. C. R. Train leaving Halifax at 8.10 A. M., arriving at the Strait of Canso at 5.00 P. M.

Express leaves the Strait of Canso at

TO WALL OF BUILDING

Western Counties Railway

Train leaves Yarmouth daily at 7.45 a m., and arrives at Digby at 11.45 a, m.

Leaves Digby on Monday, Wednesday, and Friday at 1.00 p. m. Arrives at Yarmouth at 5.00 p. m. On Tuesday, Thursday and Saturday at 3 30 p.m. Arrives at Yarmouth at 7.30 p. m.

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

Is all and a great deal more than we have

FOOD, grateful to the most delicate and irritable stomach, and especially adapted for the INFANT and GROWING CHILD.

Invalids, Nursing Mothers, and those suffering from Indigestion will find on trial that RIDGE'S FOOD FOR INFANTS AND INVALIDS, is all they can desire. It is carefully put up in four sizes.

Constant users will find our No. 4 size (always the most economical size to buy) now much larger than formerly, thus

materially lessening the expense.

WOOLRICH, Dispensing and Family
Chemist, Upper Water St., Depot for
Ridges Food, Pick-me-up Bitters, &c.,
with a well-assorted stock of Pure Drugs. April 17

Nova Scotia

Book Bindery, C. & T. PHILLIPS,

Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market,

TEGETABLE

Has been in constant use by the public

for over twenty years, and is the best preparation ever invented for RESTOR-ING GRAY HAIR TO ITS YOUTHFUL COLOR AND

LIFE. It supplies the natural food and color to the hair glands without staining the skin. It will increase and thicken the growth of the hair, prevent its blanching and falling off, and thus

AVERT BALDNESS.

It cures Itching, Eruptions and Dandruff. As a HAIR DRESSING it is very desirable, giving the hair a silken softness which all admire. It keeps the head clean, sweet and healthy.

{ Vol State Aseayer Chemist of Mass. and Has you leading Physils the cians So eclip endorse That Be patie and Will

When

Of et

Has yo

And, ju

Be patie

Is purc

Has yo

Has 1

Of av

You

Shall

Be pati

When

Has ye

Has

Som

And ta

Be pat From

Will te

Then t

Throug

Remer

And le

-Rev.

By J

Of I

Whe

Who

Diveste

Gone

If ha

In th

Has h

mend it triumph in medi-

recom-

as a

great

BLACK at discretion. Being in one preparation it is easily applied, and produces a permanent color that will not wash off. PREPARED BY

R. P. HALL & CO., NASHUA, N. H. Sold by all Dealers in Medicine BROWN & WEBB, Halifax, Wholesale Agents. Dec. 1. 1y.

ORGAN DEATTY PIANO Kew Obgans 23 Stops, 33 act Golden Tongue Re-us, 5 Oct's, 5 Knee Swells, Walnut Case, warnt'd S years, Stool & Book \$36. New Piamos, Stool, Cover & Book, \$ 43 to \$25. Before you buy be sure to write me. Illustrated Newspaper sent Free, Address DANL. F. BEATTY, Washinoton, New Jersey.

UNION MUTUAL INSURANCE OF MAINE.

DIRECTORS' OFFICE: Boston, Mass., 153 Fremont St.

JOHN E. DE WITT, President.

MAS Chartered by the Legislature of the State of Maine, July 17, 1848. Commenced Business October 1st, 1849. And up to January 1st, 1881, has issued over SEVENTY - TWO THOUSAND

Has paid to the Widows and Orphans and Beneficiaries under its Policies, \$6,-379,975.37. Has paid to Surviving Members under

Endowment Policies and Annuities, \$1,-And has returned to its Policy-holders, in the way of Dividends, \$3,936,668.04.

And for Surrendered and Lapsed Policies, \$5,116,955,80, Total payment to Policy-holders, \$17,-425,916.12.

This is the ONLY Company that issues Policies giving the benefits of the MAINE NON-FORFEITURE law, and specifying in definite terms by its Policy Contract, that there can be NO FORFEITURE of the Insurance by non-payment of premium after three annual promiums have been paid, until the value provided for is exhausted in EXTENDED INSURANCE. G. B. HOLLAND, Manager for Prov. of

Ontario, 17 Toronto St., Toronto.
C. M. BOSSE, Manager for Province of Quebec, 147 St. James St., Montreal. R. ROWE, Manager for Province of N. B., Oddfellows' Bldg., St. John. B. K. MARTER, Manager for Prov. of N. S. and P. E. I., Queen's Ins. Bldg.,

Halifax. Further information relative to the plans of the Company furnished on application at office, Hollis St. March 23.

J. C. DUMARESQ, ARCHITECT.

Plans, Specifications, &c., of Churches, Country Residences, and all kinds of Buildings, prepared to order. OFFICE: JARVIS BUILDING,

Prince William Street, St. John, N. B. May 16.

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 N 71 Granville Street, Halifax, N. S.

Printing of Books, Pamphlets, Cards, Handbills, Blank forms, &c., &c., on reasonable terms.

MAGISTRATES BLANKS ALWAYS ON HAND

Secrete Vei is an e flict a sacrifi nothir

at its the d and w us lon the L religiono la no no ing lo a fair —a h a con

religi and while hidde unab suppl doing

muel not n of th relig on ce a sou in th and of se

acce there bond 18 a lalte God

man influ It do fully the

Bon