## The Messenger Almanac.

	Participation and	4		
F	EBRUAR'	Y, 1881	<b>l</b> •	
First Quarter Full Moon, Last Quarter New Moon,	, " 2	5th, 8h 5th, 2h 1st, 3h 8th, 7h	. 16m	. M. . A. . M.
Day Rise.S	1. 1	MOON. South.	Sets. at	igh Tide
1 Tu. 7 23 5 2 W 7 22 5 3 Th. 7 21 5	6 8 53	3 19	IO 00	11 00
5 Sa 7 18 5 6 Su. 7 17 5	9 9 48	5 46	0 2	M
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19 Sa., 6 58 5 30 11 59 3 47 8 43

20 SU. 6 56 5 32 M 4 39 9 19 21 M. 6 55 5 33 1 6 5 33 10 0

22 Tu. 6 53 5 34 2 13 6 32 10 51

23 W. 6 51 5 36 3 12 7 32 11 52

24 Th. 6 50 5 37 4 3 8 32 A.11

25 Fr . 6 48 5 38 4 47 9 31 2 15

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28 M., 6 43 5 42 6 22 A. 14 6 6

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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

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 examitability, free of charge, and all who are interested in new inventions and Patents ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day, he will grow wool only a good store of for the meternal neat ble a single day. 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 Washington; 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, May 1.

### MEDICINE. GRAY'S SPECIFIC TRADE MARK.



and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Universal Lassitude, Pain in the Back, Dimmany other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet,

States by all wholesale and retail drug-

N. B.-The demands of our business have necessitated our removing to Toron-to, to which place please address all fu-ture communications. March 12, '79.

### DR. J. WOODBURY'S Horse Liniment,

Is the only decidedly, reliable remedy for all affections of the Horses hoofs, and promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, Saddle or Collar Galls, &c., &c. And given internally will promptly relieve every character of Cough, Enlargement of the Glands, Affections of the Kidneys, etc. And when used according to the directions as an internal or external remedy it is strictly warranted to effect that for which it is recommended. No stable should be without it. For full description and directions, see Circulars around each bottle.

### SCIENCE.

A DETECTIVE CAMERA.—Mr. Bolas has devised a little apparatus which may well be termed a detective camera. To all appearances it looks like a shoeblack's block, a rough, square-shaped shoulder with a strap, or rested upon the pavement, if need be. In fact, when wanted for work, it is put down on the ground. It carries gelatine plates already in position, with a lens before a shop, upon a bridge, any time | sunlight can be seen. the owner sees a group he wants a piemade.

Delaunay, in a paper read recently before the French Academy of Medicine, all rooms, in daily use, especially bedgives some details on the history and rooms and sitting rooms, well lighted by limits of the human voice, which he the sun. "To sleep on unsunned beds obtained after much patient research. in unsunned chambers, and to work day According to the doctor, the primitive after day in unsunned rooms, is the inhabitants of Europe were all tenors; unrepented sin of half the nation," their descendants of the present day vigorously affirms a prominent writer. are baritones, and their grandsons will But this should not be said of that have semi-bass voices. Looking at dif- part of the nation living in the country ferent races, he calls attention to the far from those towering brick walls fact that inferior races, such as negroes, whose steps take hold on basement etc., have higher voices than white kitchens, and in whose depressing shato deepen with age, the tenor of six- spent. In the country, with a whole twenty and bass at thirty-five. Fair If any rooms in the house must look than the dark-skinned, the former being them be the parlour and the spare dector, are slenderly built and thin; windowed apartment, but the constant This may be so, as a rule; but one is rooms. inclined to think there are more exceptions to it than are necessary to prove the rule. The tones of the voice are perceptibly higher, he points out, before than after a meal, which is the reason the voice may not suffer.

### AGRICULTURE.

well and hearty must not be half starved it is particularly desirable to be strong at any period of its growth. It must and well furnished with the sort of be personally comfortable to grow wool strength that affords a natural protecevery day of its life. Three hundred tion against disease. There will prewater it produces wool only eight development. Neuralgia indicates a

the sheep. The idea has so often been expressed that a sheep can do without food or water, that many have concluded it is true. It may live on less tood (and do well) than any other animal in prepertion to its live weight, but that they live by eating is sure, and the more they eat and the better hygienic treatment the better results they give in fleece and lamb and vigorous, longlived usefulness.

a practical test of its strength one can ages; repeat this until there is a slight hardly appreciate the absorbing power | tickling in the throat, as that is usually ness of Vision, Premature Old Age, and of dry earth, or the leeching effect of the symptom that enough is taken. If some kinds of soils. Dust an inch too much is used at a time it may bring thick over a dead animal will prevent on an attack of asthma. If taken at which we desire to send free by mail to the escape of bad smells. In hen-houses the beginning of the trouble, once a day 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 for the INFANT and GROWING CHILD. mail on receipt of the money by address- Even for old running sores and ulcer- of a teaspoonful, and often less, is ing THE GRAY MEDICINE CO., Toronto, Ont.

tants could not be had, dry earth or dust the head is very troublesome and it is will find on trial that RIDGE'S FOOD will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and it is will find on trial that RIDGE'S FOOD that the head is very troublesome and the head is very troubleso losing the greater part of what consti- Times. tutes its peculiar characteristics, that is, its offensive or valuable portion, as the able fertilizing matter, and prevent expensive and life-destroying disease.

IMPENETRABILITY OF BLUE CLAY.

but looked as pure and blue as it did two feet deeper. But all kinds of soils are not as impenetrable to liquids as

## HEALTH HINTS.

SUNLIGHT.—The sun, if you will box, which may be slung over the only open your house to him, is a faithful physician, who will be pretty constant in attendance, and who will send in no bills.

Bay windows are a good thing. Their effect is very much like letting that is always in focus for any distance heaven into one's house, at least it ought from twenty to thirty feet. The camera to be like that, for it is nothing but may be used without the least fear of absurdity and wickedness to darken discovery. It may be dropped in the such windows with shutters or heavy street in the middle of the pavement, curtains until only a struggling ray of

A room with a double window canture of. As the box touches the ground, not fail to be cheery, and its effect in a a bulb is squeezed, and the exposure is simple cottage house is quite sumptuous. There is likewise in its favor the fact that it is less exposed than the deep

CURIOSITIES OF THE VOICE.—Dr. bay window to outer heat and cold. Let the builder endeavour to have men. The voice has also a tendency dows many lives must necessarily be teen becoming the baritone at five-and- sky to draw from, let there be light! complexioned people have higher voices | solely to the north for illumination, let usually sopranos or tenors, the latter chamber. People who come and go contraltes or basses. Tenors, says the can be cheerful for a while in a northbasses are stoutly made and corpulent. dwellers in a house need its sunniest

NEURALGIA AS A "WARNING."-The great prevalence of "Neuralgia" -or what commonly goes by that name -should be regarded, the Lancet urges, why tenors dine early, in order that as a warning indicative of a low condition of health, which must necessarily render those who are affected with this painful malady especially susceptible to the invasion or diseases of an aggres-CARE OF SHEEP.—A sheep to be sive type. This is the season at which and sixty-five days makes a year. If sently be need of all the internal heat three hundred and sixty-four days in a to be despised. It is no less essental year. If for four months at a time that the vital forces should be vigorous press Train from Halifax. from ill health, or lack of food or and the nerve-power especially in full months in a year, there is a loss of one low or depressed state of vitality, and third of the profits he would have given | nothing so rapidly exhausts the system as pain that prevents sleep and agonises No animal rewards its owner so for both body and mind. It is, therefore, liberal feeding and painstaking care as of the first moment that attacks of this affection, incidental to and indicative of a poor and weak state, should be promptly placed under treatment, and as rapidly as may be controlled.

HAY FEVER AND ROSE COLD .- 1 have for many years suffered from hay fever, and only found relief from the following:-Take a red-hot coal and sprinkle on it a few grains of flowers of sulphur; as it burns, hold the nose over it (closing eyes and mouth), and EARTH AS AN ASORBENT .- Without let the fumes pass up the nasal passated wounds, when chemical disinfec- burned at a time; but if the cold in seems to be that neither the liquids nor | will probably be burned. Never use | all they can desire. It is carefully put up gases of decaying matter can pass this remedy immediately after eating, in four sizes. through two inches of earth without as it is apt to cause nausea. - New York

The peres of the body are estimated case may be. Properly used in the at 7,000,000. Each pore is the outlet stables, cess-pools, sink drains, dry of a tube and the whole length of tubeearth will save a vast amount of valu- ing in the skin for the purposes of sewerage is supposed to be about twenty eight miles.

It is recommended to treat inflamed -A writer says: we once deepened a wounds by smoking them with burning manure pit that had a blue clay bottom. | wool or woolen cloth. Twenty minutes This pit had been used for years, and in the smoke of wool, it is said, will there never was less than a foot of take the pain out of the worst wound, water in it. After emptying we com- and if repeated once or twice will allay Sold Wholesale by Brown & Webb, Halifax; and at Retail by Brown Bros., and by Dragists and Grocers generally the our astonishment, the clay two ly very simple, and within the reach of the block below the be

INTERCOLONIAL RAILWAY.

## WINTER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday A excepted) as follows:-(Halifax time.) At 8.30 a. m.-Express for St. John, Pictou, Quebec.

At 1.15 p.m. - Accommodation for Pictou. At 5.30 p. m.-Accommodation for Truro. At 3.00 p. m.—Express for St. John and Quebec. WILL ARRIVE :-

At 9.15. a. m. - Accommodation from Truro. At 12 55 a. m.,—Express from Quebec and from St. John. At 3.00 p. m.-Accommodation from Pic-

At 8.30 p. m.—Express from St. John. Nov. 24, 1880.

TOWN THE REAL PROPERTY. Windsor and Annapolis

Winter Arrangement-Commencing Thursday, 16th Dec., 1880.

Railway.

The following is according to Railway Time. Halifax times is 15 minutes later.

IT 1 521. 2

Miles.	GOING	WEST	Express Wed., and Saturday only.	Freight, Mon., Tues. Thur. & Friday only	Pass. & Frgt. Daily
1	Halifax	Leave	A. M. 7 48	P.M.	
71	Windsor. Wolfville. Kentville, Do. Berwick.	Arrive	11 1	9 12 02 0 12 30 5 12 50 9 1 38	7 17 7 40
102 130	Middleton. Annapolis.	Arrive		7 2 5	
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	ot. Jonu,	40	h. All State and A. H.	The second secon		а.
Miles.	GOING EAST.		Pass. and Freight Daily.	Mon., Tues., Thurs., and Freight and Fridays only.  Express Wed and Saturday only.		- I
1			A.M.	A. M.	A.M.	
	St. John,	Leave		* * *****	8 00 P. M.	
	Annapolis, Middleton.	Leave		7 50 9 38 11 02	2 15 3 38	
	Berwick. Kentville,	Arrive		11 55	5 00	
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66	Wolfville.	Sec. 1400	6 57	P.M.		-
	Windsor,	Arrive	STORES OF THE			-
100	TT-1:for	Arrivo	1 1 1 1 1 1 1 1 1	5 25	0 40	100

Steamer " Edgar Stuart" leaves St. John at 8a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns

### HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 2.30 p. m. Arrives at New Glasgow at 11.00 a. m., and at Antigonish at 4.30 p. m.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.45 a. m. Leaves Digby on Monday, Wednesday, and Saturday at 4.00 p. m., and at 12.30 p. m. on Tuesday, Thursday and Friday.

Arrives at Yarmouth Tuesday &c., at 4.30 p. m., and on Monday &c., at 8. 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 claimed for it. It is simply a HIGHLY NUTRITIOUS and easily assimilated

Invalids, Nursing Mothers, and those suffering from Indigestion

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,

BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market.

KIDDER'S PASTILLES. Price 35 cts. by mail. STOWELL & CO. Charlestown, Mass.

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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 cts. 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.

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ORGANS AND PIANOS, Organs from \$75 and upwards. War-ranted for 7 years. Pianos \$200 and upwards. The usual discount to Clergymen,

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W. J. Gates, Manager.

## REMOVAL OF DRUG STORE. JOHN K. BENT,

Wholesale and Retail Druggist, Begs to inform his friends and patrons that he has removed his DRUG STORE to the commodious premises,

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Six doors South of the old stand, where will befound a complete assortment of Drugs, Medicines, Chemicals, Spices, Seeds, Dye Stuffs, Combs, Brushes, Fancy Soaps, Perfumery, etc. Mr. Bent takes this opportunity to thank his numerous friends for the pat-ronage so liberally bestowed on him for he last 14 years, and trusts to merit a continuance of the same.

Nov. 17.

HALIFAX STEAM DYE WORKS. 566 Upper Water Street HALIFAX, N. S.

Cheapest place in the City. COATS DYED and PRESSED for \$1.00. FEATHERS DYED ALL SHADES AND CURLED.

COATS, DRESSES, CURTAINS, SHAWLS, SACQUES, ETC., Dyed to look like New. JOHN HUBELEY, Proprietor.

BOOKS AND STATIONERY, Room Paper, Window Blinds,

&c., &c., &c. Wholesaleland Betail, WM, GOSSIP. 103 Granville Street.

Just Opened. 600 doz. Dwarf or Miniature Ink. Western Counties Railway. 750 " Fabers' Pencils (genuine) Nos. 1, 2, 3, 4. Writing Parchment.

Walkden's Marking Inks. Melanyl, a new chemical Indelible Marking Ink, requires no heatinglast and best invention. Best Red Sealing Wax.

Quarts, Pints, Half Pints, &c., Stephen's, Walkden's, Antoine's celebrated French 1nks, Carter's, &c. Red Ink, all sizes. Blue Ink. Large stock of Paper Hangings at

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