The Messenger Almanac.

FEBRUARY, 1881.

First Quarter, Feb 5th, 8h. 40m Full Moon, "15th, 2h. 10m Last Quarter, "21st, 3h. 16m New Moon, "28th, 7h. 18m	. M. . A. . M.
Day Rise. Sets. Rises. South. Sets. at	igh Tide Halifax
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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 min-utes LATER, and at St. John's, Newfound-land, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes A Westport, 2 hours 54 minutes Yarmouth, 2 hours 20 minutes

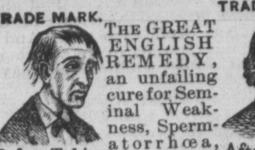
FOR THE LENGTH OF THE DAY. Add 12 is over. hours to the time of the sun's setting, and from the sum subtract the time of rising. FOR THE LENGTH OF THE NIGHT. - Subtract the time of the sun's setting, from 12 hours and to the remainder add the time

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 paten-tability, 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 Pa-tents, 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.,

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Before Taking Impotency, After Taking 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. 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 packages for \$5, or will be sent free by packages for \$5 and grate or chop them fine.

Toronto, Ont.

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. March 12, '79. jars.

DR. J. WOODBURY'S

Horse Liniment

Is the only decidedly, reliable remedy for promptly removes Splints, Curbs, Bog Spavins, Strains or Sprains, Bruises, in Saddle or Collar Galls, &c., &c. And given internally will promptly relieve a every character of Cough, Enlargement wil of the Glands, Affections of the Kidneys, 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.

Sold Wholesale by Brown & Webb,

Halifax; and at Retail by Brown Bros., andby Druggists and Grocers generally throughout the province.

AGRICULTURE.

WHAT IS FARMING ? What is farming? Is it plowing; Is it digging with a spade; Is it reaping; is it sowing-Call you this the farmer's trade?

Sturdy frame, inured to labor; Sinewy arms and horny hands; Is this all that is required, In the culture of your hands?

No! Mind must be yoked to labor; Man must think as well as toil-If with profit, if with pleasure. He would cultivate the soil.

TESTS FOR DRAFT HORSES .- A horse should be at his best when in the harness; it is there that he does the greater part of his work, and it is of prime importance that trials in the harness be more frequently made at our fairs. Breeders of draft horses very generally make their selections entirely by sight, and not from results of trials of strength and endurance. It is our belief that much more stress should be put on the action of the aminal when at work; and any system of testing the horse in the harness, with a heavy load, will lead to an improvement in draft

Save your horse from lameness and minutes. Horses need no covering when in active exercise, even in a sterm; but thorough rubbing and covering is essential as soon as the exercise

Britannica, in an article devoted to the successful examination as a teacher. agricultural resources of North America estimates that this continent can feed tarmers of to-day to do it.

The best soil for wheat is where clay predominates. A mixture of sand and clay is the best for a succession of crops, and sand for a bright stiff straw, but too | wine for the New Year callers, and on sandy a soil is too porous for wheat, tasting it found it very weak. "Look although good spring wheat is generally here, Matildy! You have been drinkfrequently grown on sandy soil. Muck ing some of this wine and filling up the deis not well adapted for the growth of canter with water." "Hit's afac', missis; wheat, but where the land is rich, wheat I did pour out some of dat wine, and will succeed on a variety of soils. filled up de canter wid cistern water." There is no better preparation for a "What did you do that for?" "Las' wheat crop than clover turned under. New year I sprained my back helpin' Nitrogen is needed for the growth of de kerridge-drivers liftin de young wheat, and if the urine of the horses gemmens back into de kerridges, so dis or cows is applied to the growing crop | yeah fashionable culled servants all over early in spring, you may look for a good yield of grain.

A plan for storing beets, turnips and is described by a correspondent of The American Cultivator. He places them carefully in barrels, and covers them with half a bushel of earth to each preserved than by any other method.

THE HOUSE.

CHICKEN CHEESE .- Boil two chickens till tender; take out all the bones, and chop the meat fine; season to taste with salt, pepper and butter; pour in enough of the liquor they are boiled in to make moist. Mould it in any shape you choose, and when cold turn out and cut into slices. It is an excellent travelling lunch.

mail on receipt of the money by address- Take three quarters of a pound of ing THE GRAY MEDICINE CO., white sugar to every pound of pine-Sold in Halifax by all druggists and everywhere in Canada and the United States by all wholesale and retail drugthen stir repeatedly, and when it comes to a boil take it off the fire, for it is for a licence to sell whiskey, if he was It wants skimming. Put in

The most practical suggestion yet made toward economizing the use of coals seems to be the use of solid botall affections of the Horses hoofs, and tems in ordinary fire-grates. It has been asserted, and indeed proved, that in any fire-grate, not exceedingly small, seasoned with salt, madam; not a plate of iron placed upon the bars will nearly halve the consumption of etc. And when used according to the coal, and also reduce the smoke and keep up a cheerful, free-burning Muhlenberg's publications, is to be through the front bars, and all poking should be avoided, and the fire will continue until all the coal is consumed, which will be done without leaving much ash or dust. Any housekeeper their business at a stand still, is that can try the experiment. A sheet of they stand still themselves.

iron to fit easily into the grate will cost but a quarter of a dollar, and the coal bin will not need to be replenished to frequently.

SCIENCE.

Dr. Siemens' electrical train has been running constantly every day at the Brussels Exhibition during the summer. It shoots under bridges, and whisks round curves, at the speed of a fast-trotting horse. The engine is no bigger than a tea box; and draws three carriages, each carrying six passengers, sitting back to back, after the manner of an Irish jaunting-car.

200,000 pounds of ivory, to obtain which quantity it is necessary to kill annually 30,000 elephants. The ivory supply of the world probably causes the destruction of 100,000 elephants annually, aud as males and females are killed indiscriminately, this animal will before many years become extinct.

FIFTY-ONE metals are known to exist, thirty of which have been discovered within the present century. Four hundred years ago but seven were known.

If we would have powerful minds, we must think; if we would have faithful hearts, we must love; if we eoughs by covering him immediately would have strong muscles, we must after a drive, if only stopping for a few labor. These include nearly all that is valuable in this life.

Baron Rothschild the head of the French branch of the family, is usually at the Bank before his clerks are. His wife wears but little jewellery, The new edition of the Encyclopedia and his daughter Bettina has passed a

The negroes of Jamaica who are a population more than double the said to be the greatest eaters of sugar present population of the globe. But in the world, are proverbial for their the farmers of the future will need to beautiful teeth. Hence it is inferred be thriftier managers than the average trat the common belief that sugar is injurious to the teeth is an error.

VARIETIES.

A Galveston lady was preparing the Galveston has agreed to weaken de wine, so de callers can climb in widout help."

Among the curiosities developed by carrots for family use during the winter the census takers in New York is the fact that old boots and shoes, which were formerly considered worthless, are now carefully gathered and utilized in some novel ways. Those not completebarrel. In this way, he says, the ly worn out are patched, greased and quality of the roots will be much better | sold, while mates in tolerably good condition may be found by careful selection. Shoes not worth repairing are cut up and used for patching others, and the refuse is converted into Jamaica rum by being boiled in pure spirits and allowed to stand for a few weeks, the product far surpassing the Jamaica rum made with essences, burnt sugar and spirits.

Opium is smuggled into the Sandwich Islands in tin cans labeled " Boston Baked Beans." Another method of introducing the prohibited article is to bore cedar fence posts and pack the holes with it. The Chinese are adepts in this sort of trickery, and they clandestinely peddle large quantities of opium and rum among the natives.

The Irishman had a correct appreciation of the fitness of things, who being asked by the judge, when he applied of good moral character, replied, "Faith, yer honor, I don't see the necessity of a good moral character to sell whiskey !"

teachers ought always to be talking about religion. "No, no," rather hastily answered the good man; "let your speech be seasoned with saltwhole mouthful."

In the following Anagram, which was contributed by a lady to one of Dr. Quite sufficient air will enter found a happy specimen of the art, and it teaches a valuable lesson :-

Pray tell me where is Christianity? Transpose the letters: it's in charity. One reason why so many people find

INTERCOLONIAL RAILWAY.

WINTER ARRANGEMENT.

PRAINS leave Halifax daily (Sunday excepted) as follows :-(Halifax time.) At 8.30 a. m.-Express for St. John, Pic-

tou, 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. England alone annually imports At 3.00 p. m.-Accommodation from Pic-At 8.30 p. m.-Express from St. John.

> CANADADIO CONTRACTOR Windsor and Annapolis

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

Railway.

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

Miles.	GOING V	VEST	Express Wed., a	Freight, Mon., Tu Thur. & Friday of	Pass. & Frgt. Da
	Halifax	Leave	A. M. 7 45	7 45 P.M.	P. M. 3 00
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84	Windsor,	Arrive	8	15	-	6 27	1
	Halifax	Arrive	11	00	CONTRACTOR OF THE PARTY OF THE		1.

Steamer "Edgar Stuart" leaves St. John at 8a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same days, on arrival of 7.45 a. m. Express Train from Halifax.

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.

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 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.

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

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.

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

good moral character to sell whiskey!"

A lady once asked Rev. C. Simeon it

achers ought always to be talking with a well-assorted stock of Pure Drugs. April 17

> Nova Scotia Book Bindery, Corner Granville & Sackville Streets.

BOOK BINDERS, PAPERS RULERS. BLANK BOOKS, Manufacturers, Perforaters, Steam Machine PAPER BAG Manufacturers. Cheapest in the Market. Jan. 31.

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



1879—Provincial Exhibition—1879

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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. Piano-Fortes, Cabinet and Church Organs Tuned and repaired. Nov. 5,

MHSHE ME

BROS., GATES Manufacturers of

ORGANS AND PIANOS, Organs from \$75 and upwards. Warranted for 7 years.

Pianos \$200 and upwards. The usual discount to Clergymen, Churches, Teachers and Societies. Factory-MELVERN SQUARE, Annapolis Co.

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REMOVAL OF DRUG STORE.

JOHN K. BENT. Wholesale and Retail Druggist,

Degs to inform his friends and patrons D that he has removed his DRUG TORE to the commodious premises, 132 GRANVILLE STREET,

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

hank his numerous friends for the pat-onage so liberally bestowed on him for the 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. Oct. 22.

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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.

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Handbills, Blank forms, &c., &c., on reasonable terms. MAGISTRATES BLANKS ALWAYS ON BAND