

The Messenger Almanac.

SEPTEMBER.

New Moon, Sept. 4th, Oh. 38m. A.
First Quarter, " 11th, 2h. 10m. A.
Full Moon, " 18th, 1h. 15m. M.
Last Quarter, " 26th, 6h. 54m. M.

Table with columns: Day, SUN., MOON., High Tide. Rows list days from 1W. to 30Th. with corresponding times and tide information.

THE TIDES.—The column of the Moon's Southings 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. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes LATER. A Yarmouth, 2 hours 20 minutes LATER.

WHOLESALE. SMITH BROS. JUST OPENED 60 Cases LADIES' AMERICAN HATS. Straw, Leghorn & Tuscan. A CHOICE ASSORTMENT OF STYLES TO ARRIVE By next Steamer from England, A Lot of Goods! SO ORDERED TO ASSORT STOCK. May 12.



HALL'S VEGETABLE SICILIAN HAIR RENEWER. This standard article is compounded with the greatest care. Its effects are as wonderful and as satisfactory as ever. It restores gray or faded hair to its youthful color.

Buckingham's Dye FOR THE WHISKERS. This elegant preparation may be relied on to change the color of the beard from gray or any other undesirable shade, to brown or black, at discretion. It is easily applied, being in one preparation, and quickly and effectually produces a permanent color, which will neither rub nor wash off.

HEALTH HINTS.

Hints on Domestic Nursing.

BY A TRAINED HOSPITAL NURSE.

Why do you give such hot food to your baby? I asked a young mother, who was feeding her child with milk so warm that an adult would have found it difficult to swallow it with comfort.

Much of the future comfort of the child depends upon its management during the first months of its existence. Nurses are, as a rule, a stiff-necked generation, fond of their own way, and inclined to resent interference.

An infant never should be rocked either in the cradle or the arms. If it has been accustomed to go to sleep lying on a bed it will always do so without difficulty. Still less should it be violently trotted on the knee.

A young baby should be laid on its side to sleep; never on the back, as the food rising in its throat might choke it. A crib without curtains is much the best bed.

Its clothing should be light yet warm, and so made as not to restrain its movements. A linen shirt should be put on first. Flannel is absolutely necessary to keep it warm, but it is quite a mistaken idea that it must be worn next the skin.

If the child is chafed, the parts should be washed by squeezing cold water over them, lightly dried, and a little vaseline or cold cream applied on a linen cloth.

The head of an infant requires great attention. If not carefully washed, in a few weeks a substance appears on it which, being of a sebaceous nature, hardens and cannot be removed with water.

When a mother cannot nurse her child, the question of food becomes one of primary importance. Pure, fresh milk is the best substance for its natural nourishment. Much stress has been laid on the importance of using the milk of one cow, but so long as the milk is perfectly sweet and unadulterated it is really immaterial whether it is the product of one cow or twenty.

A common glass bottle with a rubber nipple is much better than any patent nursing bottle, the rubber tube of which is absolutely certain to acquire a coating or at least to retain in it some particles of milk and these turning sour, become a fruitful source of disease.

Two bottles should be used, and the one not in immediate service kept filled with cold water to which in summer a pinch of baking soda has been added.

One part milk to two of water is a good proportion for the first fortnight, then equal parts of each, gradually diminishing the water until after four months old the child takes pure milk.

If the food disagrees with it first weaken it, and if that does not succeed strengthen it. If there is difficulty in retaining the food half a teaspoonful of lime-water may be mixed with it.

The food should always be prepared each time it is required, and given warm, not hot, as that very often causes pain. The milk should stand two or three hours before being used, and only the upper two-thirds of that in the vessel be taken.

Should milk not agree with it condensed milk may be tried, one part to twenty-two of water, gradually diminishing the latter. It cannot be given pure until the child is several months old.

SCIENCE.

LUMINOUS PAINT.—A paint has just been invented and patented which has the remarkable power of absorbing light by day and emitting it by night. It is of a whitish colour. Any object coated with it and remaining for a while in the sunshine will, when placed in darkness become luminous, giving forth a faint bluish light like moonshine.

THE HUMAN RETINA.—In a recent note to the Vienna Academy, Herr Salzer offers an estimate (based on numeration) of the probable number of optic nerve fibres and of retinal cones in a human eye.

The Hartford Times tells of a young man in that city who showed a bunch of three roses, one white, one green, and one of a delicate flesh-colored tint. He explained that they were all white in the morning, and that the coloring was done by putting the stem of one into green ink, and the other into red ink.

VARIETIES.

A curious sign has been adopted by a native baker in India, proud of his knowledge of English. "European loafer" is printed in large letters over his door, and the baker is evidently quite unaware of the colloquial uncomplimentary meaning of the word.

A female teacher threatened to keep an unruly boy fifteen minutes after school. "I wish you'd make it a half-hour," said the appreciating youth, "for you're the prettiest teacher in this town." He got off easily.

Little Gertie went with her mother to see Madame Tassaud's wax works. After looking about curiously, as if she was trying to find out something and could not, she said: "Why do they call them wax works, mamma? They are wax but they don't work."

Aleck is a six-year-old boy, who is very fond of ice-cream was permitted to dine with the family the other evening, and, as usual, wanted more ice-cream, but as he made his wish known, he added: "Can't you hotten it a little?"

It is said of the mosquitoes of South America that they sit on the trees and bark, and a great many of them weigh a pound.

To Architects, Builders and Others.

BROKENSIRE'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 BROKENSIRE, 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. Bedford Row, Halifax, July 1st, 1880.



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.

Summer Arrangement. For Halifax Time add 16 minutes.

Table with columns: Miles, GOING WEST, Express, Passengers, Freight, Pass. & Frgt. Daily. Rows list stations: Halifax, Windsor, Wolfville, Kentville, Berwick, Middleton, Annapolis.

Table with columns: Miles, GOING EAST, Pass. and Freight, Express Daily. Rows list stations: St. John, Annapolis, Middleton, Kentville, Wolfville, Windsor, Halifax.

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 \$2; each. Alphabetical List of Members 40 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.

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.

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.

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.

KIDDER'S PASTILLES. A Sure Relief for Asthma. Price 25 cts. by mail. STOWELL & CO. Charlestown, Mass. Feb. 25.

MUSICAL.

GATES BROS., 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.

THE CHRISTIAN MESSENGER

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