

The Christian Messenger.

HALIFAX, N. S., MAY 27, 1874.

ALMANAC FOR JUNE

Last Quarter, June 7th, 9h. 4m morning. New Moon, " 14th, 2h. 35m. morning. First Quarter, " 21st, 3h. 47m. afternoon. Full Moon, " 29th, 3h. 24m. morning.

Table with columns for Day, SUN. Rise, MOON. Rise, High Tide, and Low Tide. Rows list days from Monday to Sunday.

THE TIDES.—The column of the Moon's Southing 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.

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.



WINDSOR & ANnapolis RAILWAY.

SPRING ARRANGEMENT.

COMMENCING WEDNESDAY, 1st April, 1874.

HALIFAX TO ST. JOHN.

Table showing train schedules from Halifax to St. John with columns for Miles, Stations, Exp. Pass., and Pass. and Frgt.

ST. JOHN TO HALIFAX.

Table showing train schedules from St. John to Halifax with columns for Miles, Stations, Pass. and Frgt., and Exp. and Pass.

N. B.—Trains Nos 1 and 6 run in connection with the Steamer "Scud," and on Monday, Wednesday, and Saturday only. Steamer "Scud" leaves St. John on Monday, Wednesday and Saturday, at 8 a. m. for Annapolis, and returns same day, on arrival of 8 a. m. Express Train from Halifax.

Hats and Caps.

WE have now on hand a full Stock of all kinds, including the NEWEST STYLE, to which we invite the attention of our friends, both at Wholesale and Retail.

Scientific.

MILK is one of the most complex organic compounds with which chemists are acquainted.

When fresh drawn it appears to the naked eye as a homogeneous white opaque liquid. It has a sweetish slightly alkaline taste, with an unctuous feel.

The chemist divides it into four proximate principles: water, caseine, butter, sugar, with certain soluble salts, chiefly phosphates and chlorides, and some free soda. It has a specific gravity of about 1.03.

The following is an analysis of an average specimen of good fresh milk:

Table showing chemical analysis of milk: Sp. gr. 1.0277, Water 86.20, Ash, or salts 0.90, Caseine 6.20, Butter 3.40, Sugar 3.30, Total 100.00.

THE VALUE OF TIME.—What does it matter if we lose a few minutes in a whole day?

Answer—Time Table (days in a year 311; working hours in a day, 8):

Table showing time loss: 5 min. lost each day is, in a year—3 2 5; 10 min. lost each day is, in a year—6 4 10; 20 min. lost each day is, in a year—12 8 20; 30 min. lost each day is, in a year—19 4 30; 60 min. lost each day is, in a year—39 1 80.

We trust that the above will touch the hearts of those who call in to see you "just for a minute."

A SIMPLE INSECT-CATCHING DEVICE.—A writer in Les Mondes says that he is enabled to materially reduce the number of insects which prey upon the flowers and fruits of his garden, by covering the inside of an old tub with liquid tar, and at twilight putting a lighted lantern within, leaving the whole out over night.

PRIZE FOR AN ESSAY ON STEEL.

The Academy of Sciences of Berlin offers a prize of \$200, payable in July, 1876, for the best essay recording experiments as to whether changes in the hardness and friability of steel are due to chemical or physical causes, or to both.

A good neighbor, who knows all about it, tells me that he always packs hams in the early spring time, before flies come, in a box, with all the interstices between the hams filled up with some coarse, dry salt that he has used for many years for the same purpose; salt that came out of fish barrels.

DEODORIZERS.

As deodorizers and disinfectants carbolic acid compounds are in their effect instantaneous and permanent. As preventatives of malarious, contagious, and infectious diseases they are already far beyond rivalry.

CATARH REMEDY.

One who was troubled with catarrh 14 years cured it by using the following: Take a pint of soft water and put in it a table-spoonful of fine table salt, as much salt may be used as will dissolve well.

A SIMPLE REMEDY.

A poison of any conceivable description and degree of potency which has been intentionally or accidentally swallowed, may be rendered almost instantly harmless by simply swallowing two gills of sweet oil.

ARABIC RIDDLE.

"O Arab tribes, so bold and gay, What little grain have you to-day? It never on the trees is seen, Nor on the flowers and wheat so green. Its source is pure, 'tis pleasant to eat, From water it comes that is not sweet, Though from water it comes and there's water in it, You put it in water, it dies in a minute." Who has found the answer to that? Think a moment. Salt. When is a thief like a reporter? When he takes notes.

Agricultural.

CORN FODDER.—The prejudice against sowed corn for fodder is rapidly disappearing. As farmers try it they become convinced that it is both an economical and valuable winter feed for cattle.

For three years sowed corn has been the largest part of my winter feed. Now, I know that my cattle will give more milk and will gain faster in flesh on this than on any other feed, grain excepted.

How to feed rye.—We have fed rye to horses and cows as green fodder, cut when coming into ear, in which state it is very excellent feed. To feed rye that has been cut ripe, we would thrash it, grind the grain along with corn or oats, cut the straw in a fodder-cutter, moisten it with water, sprinkle a handful of salt and three quarts of the ground feed upon a large pailful of the moist cut straw.

The Illinois Legislature has just passed a law which provides that whoever adulterates any milk with water, chalk, or other substance, or sells such milk, shall be confined in the county gaol for a period not exceeding one year, or fined in a sum not exceeding \$500.

A Western man relieves his choked cattle by simply taking up a hind foot and hitting a few smart blows on the bottom with a hammer or stick, or whatever comes handy.

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from sickness. Other Western residents have told us that so long as they could have ripe fruit, they have been free from all disease resulting from malaria.—Southern Farmer.

A French horticulturist has perceived that, wherever a fruit—a pear for instance—rested upon some branch or other support beneath it, that fruit always grew to a large size. The support given to the fruit permits the sap vessels of the stem to remain open, and the fruit can receive abundant nourishment.

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A Western man relieves his choked cattle by simply taking up a hind foot and hitting a few smart blows on the bottom with a hammer or stick, or whatever comes handy.

Black currant leaf tea is recommended for dyspepsia.

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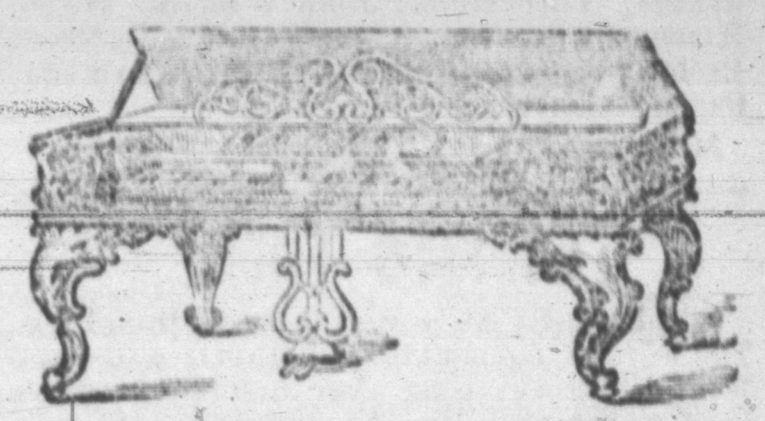
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