

The Christian Messenger.

HALIFAX, N. S., JUNE 10, 1874. ALMANAC FOR JUNE

Last Quarter, June 7th, 9h. 4m. morning. New Moon, " 14th, 2h. 38m. morning. First Quarter, " 21st, 5h. 47m. afternoon. Full Moon, " 29th, 2h. 34m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from Monday to Tuesday with corresponding astronomical data.

THE TIDES.—The column of the Moon's Southern 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 in the morning.

MRS. AINSLEY'S Arthranodyne Liniment.

This magical pain curer having been in use among private friends for a number of years is now offered to the public as a superlative remedy for

RHEUMATIC PAINS, TOOTH ACHE, NEURALGIA, SPRAINS, &c. Manufactured by Mrs. Ainsley, Halifax.

Lunenburg, August 20th, 1873.

MRS. AINSLEY, DEAR MADAM,—Having found the efficacy of your very valuable Liniment in the case of sore throat, which by two applications I was entirely relieved both of the swelling and soreness, I was induced to apply it to the parts affected by a severe attack of Lumbago.

Your obedient servant, REV. D. S. SHAW.

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Our prices are as low as any in the city. Silk Hats made to order by Conformateur Measure, without extra charge.

EVERETT BROTHERS, 100 Granville St., May 3.

Scientific.

BLUE SKY AND WHITE CLOUDS.—The ethereal blue color of the sky is due to minute particles of matter which float in the air. Were these particles removed, the appearance of the sky would be dead black.

That the diffusion of light in our atmosphere, the blue coloring of the sky and the colors of the clouds, are in the air, has been conclusively proven by Tyndall. On passing a beam of sunlight through a glass tube, the beam is rendered brilliantly visible by the reflection of light from the dust particles floating in the air contained in the tube.

A WATER CUSHION.—I begin to think that there is no end to the wonderful things one may learn when once one tries.

I've just heard of a big water cushion. No one knows how thick it is; but it is as big as all the oceans in the world.

You see, if the oceans were as stormy all the way through as they are on top, they would cut and plow the lands and rocks at the bottom, tearing their way through the very earth itself.

OILING ROOFS.—A correspondent of the Mirror and Farmer says:—"In 1848 I built a shed from the house to the barn with two roofs; shingled it with sapling pine shingles. One roof on one side I oiled with bank oil, which is the cheapest fish-oil in the market—then worth about forty cents per gallon, worth about sixty cents now—and it proved an experiment worth being made known to others.

THE OIL WELLS OF BURMAH.—The petroleum districts of Burmah are said to have yielded oil for over two thousand years, but they have only of late years been worked to anything like their capacity.

A BIG AUSTRALIAN ROCK.—The most notable discovery made by Mr. Gosse, in his journey across Australia, is that of a hill consisting of one solid rock, two miles long, one mile wide, and eleven hundred feet in height.

Agricultural.

WATERING PLANTS IN TIME OF DROUGHT.—I am trying to keep my ornamental plants alive by watering them, although this is an irksome task where one has not made preparation for thorough irrigation.

Water should be applied in sufficient quantities to saturate the soil down to the lowest roots, and if this is done, there will be no need of giving frequent applications.

Heat will pass through a brick and drive out every particle of moisture in much less time than it will through the same quantity of loose soil. The particles of which the brick is made are pressed together, forming an excellent conductor for heat, and evaporation proceeds slow or rapid as heat is transmitted through the mass.

Hundreds of ornamental trees have died and are now dying in my neighborhood simply for the want of moisture that has been driven out of the brick-like soil about their roots.

WASTED FERTILIZERS.—The Farmer's Home Journal says: On every old place there are such things as old wood piles, where chips have accumulated and decomposed for fifty years; then there are old piles of ashes sometimes three or four feet deep, which have been accumulating for the same length of time.

VALUE OF WALNUT TIMBER.—As an illustration of the increasing value of walnut lumber, the Indianapolis Journal notes that the standing walnut trees on a half section of land on Eel River, in Miami County, Indiana, were recently sold to a lumber dealer for \$17,000.

TO GROW LARGE MELONS.—When a melon gets as large as a cucumber take a darning needle and pass a yard thread (perhaps several threads twisted together will be best) through the stem of the melon, so that the end of the thread will come near the top of the stem.

the water, when more should be added. It is said that they will thus consume a quart or more per day, and will eventually grow to an enormous size.

Perhaps by sweetening the water and adding some spices, any desired flavor could be imparted.

DISEASED LIVER IN FOWLS AND RABBITS.—The Cottage Gardener says: Liver disease in fowls is caused by over-fattening or by injudicious feeding.

No good driver will ever resort to the cruel practice of whipping or beating his horse. A light whip may be carried, but there is seldom use for it.

WOOD ASHES are stated to be an effective remedy for currant worms. Dust the bushes in the morning with the dry ashes.

A love of salt is natural to all animals, and is promotive of health and appetite. When they have access to it at all times in the form of rock salt, they take it whenever nature requires it, and never too much.

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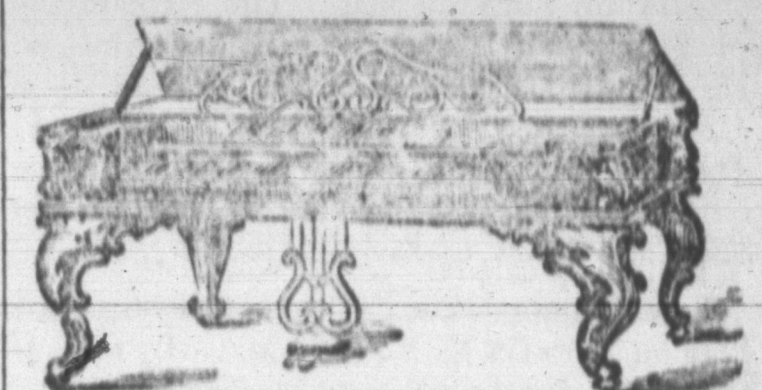
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