

October.

Full Moon, Oct. 3rd, 6h. 42m. morning. Last Quarter, " 10th, 6h. 5m. New Moon, " 17th, 5h. 43m. First Quarter, " 25th, 3h. 40m.

Table with columns: Day, SUN., MOON., High Tide at Halifax. Rows for days of the month from 1st to 31st.

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.

BETCHER'S PECTORAL MIXTURES FOR COUGHS, COLDS, WHOOPING COUGH, ASTHMA, &c. This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed.

DEAR SIR,—Having used a half dozen bottles of your valued Pectoral Mixture I find myself greatly relieved from a chronic cough, and pulmonary weakness which had been preying upon my system for ever a year, and would recommend it to all who are suffering from like complaints.

St. JOHN, N. B., April 16th, 1874. This is to certify that I was attacked with a very severe cold combined with the Asthma very bad, so that I could not lie down or hardly breathe.

ESTEMED FRIEND:—Will you please inform your readers that I have a positive CURE FOR CONSUMPTION and all disorders of the Throat and Lungs, and that by its use in my practice, I have cured hundreds of cases, and will give

\$1,000.00 for a case it will not benefit. Indeed so strong is my faith, I will send a SAMPLE, FREE, to any sufferer addressing me.

A Gem worth Reading!—A Diamond worth Seeing! SAVE YOUR EYES! Restore your Sight! THROW AWAY your SPECTACLES. By reading our Illustrated PHYSIOLOGY AND ANATOMY OF the EYE SIGHT, you will know how to Restore Impaired Vision and Overworked Eyes; how to cure Weak, Watery, Inflamed, and Near-Sighted Eyes, and all other Diseases of the Eyes.

Agents Wanted, Gents or Ladies, \$5 to \$10 a day guaranteed. Full particulars sent free. Write immediately to DR. J. BALL & CO., (P. O. Box 967), No. 91 Liberty St., New York City, N. Y. Nov. 25.

SCIENCE.

EARLY BREAKFAST.—It may be some consolation to those who are obliged to take early breakfast that so good an authority as Dr. Hall descants in this wise upon the subject:—

Breakfast should be eaten in the morning before leaving the house for exercise, or labour of any description; those who do it will be able to perform more work and with greater alacrity than those who work an hour or two before breakfast.

If early breakfast was taken in regions where chills and fever, and ague prevail, and if, in addition, a brisk fire were kindled in the family-room for the hour, including sunset and sunrise, these troublesome maladies would diminish in any one year, not tenfold, but a thousandfold, because the heat of the fire would rarify the miasmatic air instantly and send it above the breathing point.

A NEW USE FOR IRON.—One of the most incomprehensible discoveries—if it be true, which is questionable—that we have ever encountered is announced in a recent French Journal by M. Massie. He says that the mere introduction of an iron bar, in the box in which barley, rice, bran, biscuit, and like farinaceous materials are stored is sufficient to prevent either the ravages of decay or the attacks of insects.

THE INDIA RUBBER TREE.—The introduction into India of the India-rubber tree (Hevea) is now fairly inaugurated. 2,500 thrifty plants have been despatched by barge from Kew for embarkation. Mr. H. A. Wickham had been commissioned by the Indian Government through Dr. Hooker, C. B., and Mr. C. R. Markham, C. B., to collect the seed of these trees in the Amazon valley.

AN ICELANDIC VOLCANO. Two Icelanders, Jow Thorkellsson and Sigindur Wraksson, recently descended into and explored the interior of an Icelandic volcano. These adventurous Norsemen, the first who had undertaken such an errand, penetrated three thousand feet into the crater of an active volcano, Asya, in Iceland, and there witnessed the symptoms of an actual eruption.

SCHOOL-HOUSE LIGHTS.—Repeated experiment has proved that in school-rooms lighted by windows on both sides the children suffer more or less from injured vision, and so important has the subject been considered in Germany that a law has been passed forbidding such windows in schools.

Small griefs are loquacious—great are dumb.

AGRICULTURE.

TO MAKE A HEDGE FENCE.—We would plant one-year-old plants, whenever we set them. We would plow and harrow the land thoroughly, until the hedge row of six or eight feet in width, was deep and fine. Then strike a furrow a foot deep, keeping the land side of the plow exactly on the line of the hedge.

BROAD-RIMMED WHEELS.—On a wagon with broad rimmed-wheels the old horse will draw a ton of coal or stone with the same force, to appearance, as he would take to draw 1,000 or 1,200 pounds on the other wagon, the wheels of which have narrow rims.

DUST BATHS FOR POULTRY.—Cleanliness is important in fowl houses, for experience shows that poultry are unfavorably affected by the emanations from filthy quarters; and, besides, working in places where roosts and flowers are covered with the droppings, is decidedly unpleasant.

TO OBTAIN FRUITS FROM BARREN TREES.—A correspondent of the American Agriculturist says: "I wish to describe to you a method of making fruit trees bear that I blundered on. Some fifteen years ago I had a small apple tree that leaned considerably. I drove a stake beside it, tied a string to a limb and fastened it to the stake. The next year that limb blossomed full, and not another blossom appeared on the tree, and as Tim Bunker said, 'it set me a thinking,' and I came to the conclusion that the string was so tight that it prevented the sap from returning to the roots; consequently it formed fruit buds.

How TO KEEP MEAT FRESH.—Simply immerse it in buttermilk. This will keep it for several days, when the milk should be changed and fresh substituted. In this way meat can be kept several weeks, sweet and fresh.

Pleasure like quicksilver, is bright and shy. If we strive to grasp it, it still eludes us, and still glitters.

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PRICE \$1 PER BOTTLE. SOLD BY ALL DRUGGISTS. April 22.

CONSUMPTIVES READ. VICTORIA, WILMOT, April 7th, 1875. MESSRS. C. GATES & CO.

GENTLEMEN:—This is to certify, that I was troubled with Bronchitis for about 12 years, and tried different preparations which were recommended for it, but got no relief until I used your LIFE OF MAN BITTERS, SYRUP AND OINTMENT, and have been troubled but very little in that way since, which is now about three years; I would highly recommend your medicines to all suffering with throat and lung diseases.

VEGETABLE PULMONARY BALSAM. THIS standard remedy for coughs and colds and other pulmonary and bronchial ailments, was first put before the public in 1826 and ever since then, a period of half a century it has maintained and increased its reputation.

In the meantime, probably thousands of so-called cough remedies, under every conceivable name, have appeared, been puffed, had their day, and most of them sunk into the oblivion from which they never should have emerged to cheat invalids with false hopes of cure.

How TO KEEP MEAT FRESH.—Simply immerse it in buttermilk. This will keep it for several days, when the milk should be changed and fresh substituted. In this way meat can be kept several weeks, sweet and fresh.

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This medicine is for sale at all the druggists throughout Canada. If it happens that your druggist has not got it in stock, ask him to send for it.

FORSEY & CO., Halifax. General Agent for N. S., and C. B. Oct. 28.

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