

The Christian Messenger.

HALIFAX, N. S., MAY 10, 1875. ALMANAC FOR MAY.

New Moon, May 6th, 10h. 49m. morning. First Quarter, " 12th, 3h. 22m. morning. Full Moon, " 20th, 4h. 36m. morning. Last Quarter, " 28th, 2h. 16m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 31st with corresponding times and tide heights.

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, 30 minutes earlier, than at Halifax. At Charlottetown, 2 hours 26 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 minutes later.

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 24 hours, and to the remainder add the time of rising next morning.

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Terms moderate. Persons holding Scholarships will receive instructions in these subjects at reduced rates.

W. J. B. FRASER.

Nov. 18.

BETCHER'S PECTORAL MIXTURE

FOR Coughs, Colds, Whooping Cough, Asthma, &c.

CERTIFICATES.

This article has been known to give immediate relief in Chronic Coughs when other Syrups have utterly failed, and for temporary coughs and colds it is invaluable, for which assertions abundant testimony can be produced. For singers and speakers it is also invaluable. No harm can result from a free use of this medicine.

To be had of the Manufacturer J. W. BETCHER, No. 27 CORNWALLIS STREET, HALIFAX, N. S.

HALIFAX, March 10th, 1873.

J. W. BETCHER, Esq.

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 over a year, and would recommend it to all who are suffering from like complaints.

GEO. L. FELLOWS.

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. One bottle of the cough medicine prepared by J. BETCHER, Esq., of Halifax, N. S., relieved me, and five bottles completely cured me so I have not been troubled with the Asthma since, and I believe it to be the best medicine for Coughs, Colds, Asthma, &c., that there is made.

JOHN N. DEARBORN.

Aug. 12.

CONSUMPTION CURED.

To the Editor of Christian Messenger.

ESTEEMED 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.

Please show this letter to any one you may know who is suffering from these diseases, and oblige,

Faithfully Yours,

DR. T. F. BURT,

William Street, New York.

26 yrs

Science.

HOW CHICKENS GET OUT OF SHELLS.

—Take an egg out of a nest on which the hen has set her full time, carefully holding it to the ear; turning it around, you will find the exact spot on which the little fellow is picking in the inside of the shell, this he will do until the shell is forced outward as a small scale, leaving a hole. Now, if you will take one of the eggs in this condition from under the hen, remove it to the house or other suitable place, put it in a box or nest, keeping it warm and moist, as near the temperature of the hen as possible (which may be done by laying it between two bottles of warm water upon some cotton or wool,) and lay a glass over the box or nest, then you can sit or stand as is most convenient, and witness to true modus operandi. Now watch the little fellow work its way into the world, and you will be amused and instructed as I have often been. After it has got its opening, it commences a nibbling motion with the point of the upper bill on the outside of the shell, always working to the right (if you have the large end of the egg from you and the hole upward,) until it has worked its way almost around, say within half an inch, in a perfect circle; it then forces the cap or butt end of the shell off, and then has a chance to straighten its neck, thereby loosening its legs somewhat, and so, by their help, forcing the body from the shell. — American Farm Journal.

TUNNEL UNDER THE STRAITS OF GIBRALTAR.

—A company has recently been formed in Spain, under the title of the Inter-Continental Railway Company, the main object of which is to unite Europe and Africa by a tunnel under the Straits of Gibraltar. This one, as projected, is to be a right line, extending between Tarifa and Algeiras on the Spanish coast to Ceuta and Tangier on the Morocco shore. The submarine portion will be 44,160 feet in length, or nearly nine miles. This enterprise offers more difficulties than the similar work under the English Channel, although the latter will have more than twice the length. The maximum depth of the Channel at the point to be traversed is about 1632 feet, while that of the Straits is 2,621 feet. Supposing that the tunnel under Gibraltar be bored at a distance of 1,000 feet under the bed, its total depth under the sea level would be over 3,600 feet, while the entry and exit galleries would be each three miles in length.

BY HIS SHADOW.

—The people of the East measure time by the length of their shadow. Hence, if you ask a man what o'clock it is, he immediately goes into the sun, stands erect, then looking to where his shadow ends, he measures its length with his feet, and tells you nearly the time. Thus, workmen earnestly desire the shadow which shows the time for leaving their work. A person wishing to leave his toil say, "How long my shadow is in coming!" In Job vii: 2, we find it written, "As a servant earnestly desireth the shadow, and as a hireling looketh for the reward of his work."

HOW TO COOK RICE.

—The following is the method recommended by the French Academy for cooking rice, during the siege of Paris. Put one cupful of rice and one fourth of a cupful of water in a sauce-pan, cover and place it over a good fire; after an hour the water will be evaporated, and the rice cooked tender, but dry, and with the grains distinct, not in a paste. Sufficient salt should be added in the first place, and care should be taken not to disturb the rice while cooking. By adding a little butter, and allowing the rice to dry a little more over a gentle fire, a more delicate dish is prepared.

RICE GRIDDLE CAKES.

—Boil a tea-cupful of rice until thoroughly dissolved. Drain it, and mash it to a smooth paste in half a pint of warm milk. Beat four eggs until very thick and light, and sift into them a table-spoonful of fine flour. Stir this into the rice and milk, sprinkle in a little salt, and beat all well together. Bake on a hot griddle well buttered. Butter each cake, and sprinkle with powdered sugar. Pile on a hot dish, and serve very hot.

Scratching fowls roast with speed; Swimming ones slow cooking need.

Agriculture.

HANGING BASKETS.

—What looks better than pretty hanging baskets tastefully filled with plants? And yet, how seldom are they to be met with? Baskets of living plants may easily be had in perfection; select such kinds as will stand in rooms. As regards the baskets themselves, I like to see the wire-work painted dark green. Some paint it with bright color, which quite spoils the effects of the flowers, which should be gay enough, as regards color, without any addition in the way of paint. Inside the wire-work put a thick layer of green moss, so as to prevent the soil from dropping through, over this put some broken crocks, and then fill up with whatever compost is best suited to the requirements of the plants with which the baskets are to be filled. For summer decoration there are numberless plants that can be grown in baskets; but, for winter blooming nothing is better, or looks more showy, than Rollisson's Unique Geranium or Scarlet Tropaeolum, both of which will continue in flower all through the winter, and droop down gracefully all round the basket. A basket, indeed never looks well unless it is furnished with some drooping plant round the edge, as for instance, with the variegated Ivy-leaved Pelargonium, called L'Élégante; while in the centre, should be a nicely grown plant of Fuchsia Mrs. Marshall. Pretty baskets may also be made of silver variegated Geranium Lady Plymouth and bright blue Lobelia, or of blue Convolvulus, with Christine Geranium in the centre; in fact, any flower that suits, and is put in with good taste, will look well. For large baskets, suited for lobbies, mixed foliage plants, such as variegated Sedums, Echeverias, Iresians and Centaureas, have a effective appearance. A window box made of wood, and lined with zinc, suspended by four cords or wires, up which can be trained creepers, also makes a pretty room ornament. The great point as regards creeping plants in baskets or boxes, fresh and in good health, is to give them plenty of water during the growing season, but more sparingly in winter, and to keep the leaves clean. If baskets are hung high there should be some means of lowering them, as it is troublesome getting up to them every morning with steps. If the baskets are small, the best way is to carry them away and water them outside; but in the case of large baskets this cannot be done, so a tea tray or something of the kind should be placed under them to catch the drip. — The (London) Garden.

PROMOTION OF GERMINATION BY CAMPHOR-WATER.

—A series of experiments, undertaken by Professor Vogel, of Munich, to substantiate the fact that camphor-water promotes the growth and prevents the wilting of tulips, &c., led to the discovery that old seeds, which have almost lost their power of germination, not only recover it when treated with camphor-water, but even germinate in larger numbers and more rapidly than fresh seeds under ordinary conditions. Thus beans, that required eight or ten days for germination under ordinary conditions, develop in camphor-water after three days; and cucumber seed that would not germinate at all in good soil, germinated soon, and without a single failure, in camphor-water; and what is more remarkable still, the seeds so germinated manifest a continued effect of the camphor, when transferred to good garden soil, in the vigor of growth and freshness of the plants. This fact, it is suggested, might be of service, especially in cases of expensive seeds, that germinate with difficulty.

WASTEFUL FARMERS.

—The real waste among well-to-do farmers, says a contemporary, is in the throwing away of house slops, and in allowing the liquid excrement of animals to be lost. It is better to advise farmers to save every drop of the liquids of the house and barn, than to urge them to pile up huge heap of inert substances to be used as fertilizers. A heap of drymuck or peat, which in itself has no special value, may be used advantageously to absorb the valuable liquids of the house and barn, and in this way a farmer may largely increase his manurial resources without incurring great expense.

In cooking, new flour is not as good as old; it does not thicken as well and as fast.

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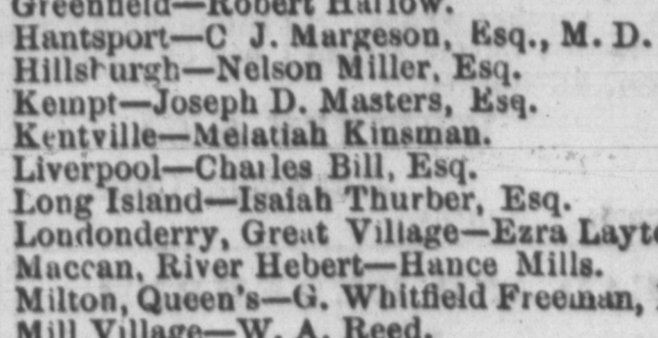
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