

The Christian Messenger.

ALMANAC FOR OCTOBER.

Table with columns for Day, SUN, MOON, High Tide, Low Tide. Includes rows for First Quarter, Full Moon, Last Quarter, New Moon, and daily tidal data from 1st to 31st.

FEB TIDES.—The column of the Moon's Setting gives the time of high water at Farnborough, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Picton 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 24 hours, and to the remainder add the time of rising in the morning.

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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.

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

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 prey 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, 1 yr.

CONSUMPTION CURED.

To the Editor of Christian Messenger. ESTERMED 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, 26 Wm. Street, New York.

Science.

THE BARNACLES ON THE GREAT EASTERN.—Mr. Henry Lee describes in Land and Water a recent examination of the bottom of the Great Eastern, made by him in search of new barnacles and other marine animals. His labors were unrewarded with much of novelty; but among other interesting facts remarked, he notes that the portion of the hull usually submerged was clad with an enormous multitude of mussels, extending over a surface of 52,000 square feet of iron plates, and in some parts six inches thick. The average weight of the mussels was from 12 to 13 pounds per square foot, so that the vessel was cumbered with fully 300 tons of living marine animals, enough to load, with full cargoes, two ordinary collier brigs.

BALLOONING AT NIGHT.—M. Wilfrid de Fonville made a successful night ascent on August 1, for the purpose of observing meteors. From 10 P. M. to 4 A. M., forty-two meteors were observed between Rheims and Fontainebleau. Some of these emanated from Cassiopeia, others from Perseus, and as many as nine took a vertical direction, descending from the part of the heavens which was concealed by the balloon. None of these were very noteworthy, and it is probable that none would have been observed at the surface of the earth. Eight persons were in the car.

COMPARATIVE SAFETY OF RAILWAYS.—Speaking of accidents on railways, Sir John said that they were fewer now than they had been; indeed, that there is only one passenger injured in every 4,000,000 miles travelled, or that, on an average, a person may travel 100,000 miles each year for forty years, and the chances be slightly in his favor of his not receiving the slightest injury.

A BIG BLAZE.—On Friday morning lightning struck a tank near Oil City, belonging to the Imperial Refining Company, containing about 8,000 barrels of crude petroleum. The fire spread over the entire works of the company. About 40,000 barrels of refined oil were destroyed, and the loss is estimated at \$200,000, there being no insurance.

A BIG TREE.—A large piece of one of the Tulare county big trees is being prepared for exhibition at the Centennial. The piece of timber selected will be 16 feet long and 21 feet in diameter at one end and 19 feet at the other. The heart of this will be taken out, leaving only about one foot of the body of the tree attached to the shell or bark. This outside shell will then be divided into eight equal parts, each of which will weigh 4,000 pounds without the bark. This timber was taken out of the General Lee, a tree 275 feet high, which contained more than 200,000 feet of lumber, besides, probably, about 200 cords of wood.

THERE IS MUCH IN A NAME.—There is a poor girl out in Ohio loaded down with the name of Proclamation Emancipation—familarly abbreviated to "Prockie"—which was given her by a patriotic but eccentric father because she was born the day of Lincoln's emancipation proclamation.

Mrs. Lewis Bunker gave birth to a female child on her way to Halifax in the Gulf steamer "Secret" off Shediac, a minister on board christened it Mary-Brigham-Townsend-Ross-Secret Bunker.

HARD, horny hands embrowned by the sun and roughened by labor, are more honorable than white ones that never reached out to help a fellow creature, or added a dollar to the world's wealth.

The rector of a church in Stratford, Conn., one Sunday morning lately, gave notice that owing to the "peculiar surroundings," the evening service would be omitted. He referred to the mosquitoes.

To preserve ice water, make a hat-shaped cover of two thicknesses of paper, with cotton batting, half an inch thick between. Place over the entire pitcher.

Equal proportions of turpentine, linseed oil and vinegar, thoroughly applied and then rubbed with flannel, is an excellent furniture polish.

In thy head once let the wise, Thy feet are then no longer thine.

Agriculture.

WORK FOR OCTOBER.—The Canada Farmer gives some good hints on this subject. We select a few of them as not yet out of date:

Land that is fall-ploughed and left open for the disintegrating effects of frost will sooner be in good condition in the spring. Stiff soils are made mellow and friable by fall-ploughing. Proper outlets for surface water should be provided at the ends of the furrows. Buckwheat must be cut before it is ripe, as it flowers irregularly, and, if left to ripen, will shed and re-seed the ground. Thresh and clean the seed at once, and stow it in shallow bins. If it heats, turn it.

The horses will want additional food as soon as frost comes. There is but little nourishment in frosted grass.

Sell off old stock, cows, sows, oxen, hens, sheep. Keep the young ones. There is no profit in keeping animals that are past their prime. Get rid also of unthrifty animals. Feed no poor animals over winter.

Let all stock, young and old, go into winter in good order. "Well-summed is half-wintered." The value of young stock depends greatly upon their care during the first winter.

In the garden, the soil among celery, cabbages and roots should be kept constantly stirred with rake or hoe. The crust which forms after a heavy rain is injurious to vegetables. It should be broken up. Kill all weeds before they get to seed. Collect muck, leaf-mould, etc., and lay it by in a shed for hotbeds in early spring.

Evergreens can be transplanted now, care being taken that the roots do not dry. Once dry, that evergreen is dead.

Remove old canes of raspberries and blackberries, and tie up the new ones. Strawberries may be set out from rooted runners. Prune currant and gooseberry bushes thoroughly. Cuttings may be planted out in rows two feet apart by six inches in the row.

If you left off flannel underclothing during the summer, which it is not desirable for any one to do, take it again soon enough. Do not wait to be reminded about it by an attack of catarrh or bronchitis. The seeds of fatal disease are often sown by a few minutes' exposure to the cold air of an Autumn night following upon a warm, genial day.

SELECTION OF LAMBS FOR BREEDING.—A Western New York correspondent of the Chicago Live Stock Journal, says:—By keeping only the best ewe lambs, a continual improvement in the style and quality of the flock may be expected; provided always that good rams are used. Therefore all lambs to be reserved for breeding should, if possible, be put, at the time of separation from the ewes, into a separate pasture from the rest of the flock, putting in with them a tame, dry ewe or a wether, so that they can be taught to come readily at the call. Many breeders put a trough into the pasture where the lambs are put for weaning, and they are fed bran or oats once a day, until winter. Such men always have sheep that shear heavy fleeces, and they do not lose any lambs before spring from anemia, or "pale disease." But if the lambs are put into clover or other pasture that is up to their eyes, they do very well without the bran. The ewes should be put into rather short feed for a few days after the lambs are taken away, until the flow of milk has ceased, and they have become dry. Then let them be thoroughly overhauled and examined; and all whose teeth are getting narrow and loose, and those that do not produce good lambs, should be separated from the rest and put into good feed, so that they can be fattened for the butcher. Usually there are enough yearling and two-year-old ewes that have never had lambs to take the place in the flock of the old and unprofitable ewes, so that the flock can be kept up to the required number. If the selection of the breeding flock is left until later than August, the hollow places of coarsely built sheep become so filled out with wool, that it is much more difficult to throw out those that are not perfect in shape, and as a consequence the flock of lambs is apt to be somewhat uneven. Indeed, some prefer to select their breeding ewes at shearing time, rather than later.

Woman's inhumanity to birds yearly exterminates thousands of them. Baroness Burdett Coutts says that one Parisian miller uses 40,000 humming-birds every season, and she fears the species will become extinct.

INSOLVENT ACT OF 1869, AND AMENDMENTS THERE TO.

In the matter of Thomas Handley Bishop—An Insolvent.

I, the undersigned, George Whitman, have been appointed Assignee in this matter. Creditors are requested to file their claims before me within one month and are hereby notified to meet at the office of the official Assignee, for the County of Annapolis, on Thursday the ninth day of September, A.D. 1878, at two o'clock in the afternoon, for the examination of the Insolvent and for the ordering of the affairs of the Estate generally.

GEORGE WHITMAN, Assignee. Round Hill, Annapolis, Aug. 5, 1878. Aug. 25. 1 m.

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In friendship, MRS. V. H. CONNER. Burlington, Ky., June 23, 1874. Aug. 12.



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