

The Christian Messenger.

ALMANAC FOR OCTOBER.

First Quarter, Oct. 7th, 11h. 51m. morning. Full Moon, " 14th, 7h. 0m. afternoon. Last Quarter, " 21st, 9h. 59m. morning. New Moon, " 29th, 0h. 58m. morning.

Table with columns: Day, SUN. Rise, Sets, MOON. Rise, Sets, High Tide at Halifax. Rows for days 1 through 31.

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.

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DAY AND EVENING. In addition to our regular Course, we will, as soon as a reasonable number of applications are received, open EVENING CLASSES in TELEGRAPHY, employing an experienced instructor, who is ready to commence operations at once.

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.

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

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.

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.

Aug. 12.—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.

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, 97 William Street, New York. Aug. 5.

Science.

SIMPLE TEST FOR LUBRICATING OILS.—The following simple method for testing the products of hydrocarbons or mineral oils in lubricating mediums will be found both convenient and useful for every engineer and mechanic: Fill a bottle with the oil in question, moistening the cork and the inside of the neck of the bottle, and then twisting the cork about its longer axis. The best lubricating oils produce no sound, but the more the oil is adulterated with hydrocarbons and products of dry distillation, the louder the noise produced. An oil that gives a loud cry is most unfitted for a lubricator.

SCREWS vs NAILS.—Most mechanics who work in wood do not appear to understand the eminent superiority of wood screws over brads and nails. In many places one screw is worth three or four nails. When one is securing cleats to batten doors, or cleats to a waggon box, nails are very unsuitable when compared with the efficiency of gimlet-pointed screws. Screws will hold two pieces of wood more rigidly than nails; and, if the timber should shrink a trifle, the screws can be turned up tight; whereas it is difficult in most instances to tighten up loose work with nails in all places where there is an unusual strain on the parts to be held together.

LONGEVITY AND MARRIAGE.—That married life is favorable to longevity, has generally been regarded as satisfactorily proved, remarks the Sanitary Record, by the numerous statistics showing, almost without exception, a greater longevity on the part of the married. When the ratio of deaths in the two classes stand as ten to four and event twenty to four, there would appear to be little room for doubt. But says the Insurance Monitor, in discussing Herbert Spencer's views, to this astute social scientist the evidence, strong as it seems, furnishes no warrant for the current belief. He regards the case as a substitution of cause for effect. In other words, greater longevity is not the consequence of marriage; on the contrary, marriages are clearly traceable to influence favoring longevity. The principles of natural selection work so strongly in deciding between the benedictors and the bachelors, that the long livers are drawn to the former and short livers to the latter.

ASCENT OF WATER IN TREES.—Prof. McNab has presented to the Royal Irish academy a memoir on the ascent of water in the stems of plants, to investigate which point very many experiments were made. He finds in the privet the rate of ascent to be about six inches per hour; in the elm, 16. 6 inches; in the cherry laurel the rate varied from 24 to 12 inches. Experiments were also made as to the influence of sunlight and darkness, the influence of the leaves, and the influence of pressure.

BOARDING-HOUSE ECONOMY.—"Henrietta," said a lady to her girl, "when there's bad news, particularly family affliction, always let the boarders know it before dinner. It may seem strange to you, Henrietta, but such strange things make a great difference in the eating in the course of a year."

TO FIT A KEY.—When it is not convenient to take a lock apart to fit a new key, the key blank should be smoked over a candle, inserted in the keyhole, and pressed firmly against the opposing wards of the lock. The indentations in the smoked portion made by the wards will show where to file.

The following application was made for a position as teacher in the public schools of Baton Rouge, La.

"To the president and members of the School Board: I take pleasure in writing you these few lines requesting if there is any Vacant in any off parish school to be filled that I may be granted with the pleasure of filling it as a assistance teacher after examination if found worthy and I will do all that ly in my power instruct the ignorance to the light of knowledge so help me God So I will close by saying I still remained Respectfull your humble Servent"

So says the True South

No animal should be required to drink water which the owner himself would refuse, and especially so if that animal is the cow from which you hope to make good butter.

Agriculture.

LIQUID MANURE FOR GROWING FLOWERS.—Floriculturists cannot be aware of the advantages of applying manure in a liquid state, or it would be more frequently used. I have found that all free flowering plants, such as petunias, geraniums, some of the calceolarias, balsams and cockscombs, are improved, and indeed I have not found any flowering plant whatever that has not been benefited by a greater or less quantity of this element. Many New Holland plants are increased in vigor by this treatment; In watering plants with liquid manure; it will be observed that the soil after having been watered a few times, does not dry so soon as when watered clear water, and this independent of the extra nutritious qualities left in the soil by the application of manure water; it is then a great point gained by whatever means effected, when plants, whether in pots or in the natural soil, can be cultivated without the necessity of frequent waterings.

ROAD DUST AND POULTRY DUNG.—Road dust is worth many times its cost as an absorbent. Those who keep poultry may secure by its use a valuable fertilizer, nearly as strong as guano, with none of its disagreeable odor. Place an inch or two of road dust in the bottom of a barrel; then, as the poultry house is regularly cleaned, deposit a layer an inch thick of the cleanings, and so on alternately, layers of each till the barrel is full. The thinner each layer is, the more perfect will be the intermixture of the ingredients. If the soil of which the road dust is made is clayey, the layers of each may be of equal thickness; if sandy, the dust should be at least twice as thick as the layer of droppings. Old barrels of any kind may be used for this purpose; but if previously soaked with crude petroleum or coated with gas tar, they will last many years. If the contents are pounded on a floor into fine powder before applying, the fertilizer may be sown from a drill. Road dust is one of the most perfect deodorizers of vaults—converting their contents also into a rich manure. Place a barrel or box of it in the closet, with a small dipper, and throw down a pint into the vault each time it is occupied, and there will be no offensive odor whatever. This is simpler, cheaper and better than a water-closet, and never freezes or gets out of order. Mixing the road dust with an equal bulk of coal ashes is an improvement, making the fertilizer more friable.—Country Gentleman.

DOMESTIC RECIPES.

Beef steak pies may be flavored in various ways with oysters and the liquor, mushrooms, minced onions, etc. Suet may be used instead of butter and lard for the crust, and clarified beef dripping answers a good purpose. Pieces of underdone, roast or boiled meat, may be used in pies very advantageously, but always remove the bone.

QUEEN OF PUDDINGS.—Take 1 pint of bread-crumbs, add 1 pint milk, 1 cup sugar, the yolks of four eggs, well beaten, rind of fresh lemon, grated fine, a piece of butter the size of an egg; then bake till well done; now beat the whites of four eggs to a stiff froth adding a teaspoonful of powdered sugar, in which has been stirred the juice of a lemon; spread over the pudding a layer of jelly, then pour the whites of the eggs over, and place in the oven till browned. Serve with cold cream.

OATMEAL BLANC MANGE.—Into a pint of boiling milk, stir six tablespoonfuls of oatmeal, previously mixed with half a pint of cold milk. Boil for one hour, stirring constantly. Sweeten to taste, and pour into moulds. Very nice in summer, eaten with fruits and creams.

SCRAMBLED EGGS.—Into a fryingpan pour a cup of cream; when this is hot pour in a dozen eggs, previously broken, into a dish. Cook slowly, stirring constantly, so that the eggs will be evenly done, and serve immediately.

HOW TO PRONOUNCE O-U-G-H. WIFE, make me some dumplings of dough, They're better than meat for my cough; Pray let them be boiled till hot through, But not till they're heavy or tough. New, I must be off to my plough, And the boys (when they've had enough) Must keep off the flies with a bough, While the old mare drinks at the trough.

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