

The Messenger Almanac.

AUGUST.
First Quarter, Aug. 5th, 9h. 5m. morning
Full Moon, " 12th, 8h. 2m. afternoon
Last Quarter, " 20th, 11h. 53m.
New Moon, " 28th, 1h. 45m. morning

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

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.

BAPTIST CHURCH REQUISITES.

- Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3 each. Alphabetical List of Members 40 cents each. Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 75 cts. Baptist Hymn Book from 50 cts. Baptists Hymn and Tune Book \$1.00 and \$2.25. Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax, April 15.

For Consumption

And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS.

ALLEN'S LUNG BALSAM IS THE GREAT MODERN REMEDY

IT IS WARRANTED to break up the most distressing Cough in a few hours time, if not of too long standing. It is WARRANTED to give entire satisfaction even in the most confirmed cases of Consumption. It is WARRANTED not to produce costiveness (which is the case with most remedies), or affect the head as it contains no Opium in any form. It is WARRANTED to be perfectly harmless to the most delicate child, although it is an active and powerful remedy for restoring the system. There is no real necessity for so many deaths by Consumption, when Allen's Lung Balsam will prevent it, if only taken in time.

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

50 VISITING OR CALLING CARDS

with your name finely printed, sent for 25 cents. Agents wanted. 6 samples sent for three cent stamp. Address A. W. KINNEY, Yarmouth, N. S. May 24.

FOR SALE,

That snug little farm, owned by the subscriber and situated on the Post Road, about half-way between Lawrencetown and Middleton, Annapolis Co., N. S. It fronts on the Annapolis River, the Hanley Mountain road forming the West line. Contains 115 acres, about one quarter of which is under cultivation. Being 65 rods wide, the place is compact and easily worked. The greater part of the soil is a loam of medium texture, free from stone, and well repays cultivation. With a good orchard, the proceeds of which will most year's pay interest on the price of the farm; and being picturesquely situated within short distance of schools, churches and railway station, the place is altogether a very desirable one and will be sold low, the capital being required elsewhere. Intending purchasers may see the place and learn all about it by applying to Mr. Jno. E. Elliot on the adjoining farm, or to W. F. BURDITT, At 22 Charlotte St., St. John, N. B.

J. C. DUMARESQ, ARCHITECT.

Plans, Specifications, &c., of Churches, Country Residences, and all kinds of Buildings, prepared to order. OFFICE: JARVIS BUILDING, Prince William Street, St. John, N. B. May 16.

AGRICULTURE.

KINDNESS TO ANIMALS.—It pays to treat domestic animals kindly. There is no animal so stupid as not to know the difference between kind and unkind treatment, and none so vicious or ungrateful as not to respond in kind to the hand that pets and caresses it. The vicious horse has almost always been a timid colt and requires only kind and gentle treatment to drive away fear and establish confidence, to render him docile.

It is the nature of all animals to resent ill treatment, even from one of their own species, and fight when imposed upon. Thus the horse will return a kick or a bite, while the horned animal will do battle with the arms which nature has furnished it.

A timid and spirited colt is very naturally and rapidly changed into a vicious unmanageable horse by rough and unkind handling—and the timid heifer, by the same treatment, becomes an ugly hooking and kicking cow. Domestic animals recognize kind words as well as kind acts, and a cross word at a critical moment will bring fight and determined opposition, where a kind word would have calmed fear and subdued anger. In handling domestic animals, that man is the most successful who governs his own passions. With domestic animals, kindness begets kindness, and passion begets passion.

An intelligent Minnesota farmer, says the Pioneer Press, tried the experiment of spreading a light covering of straw on his wheat land after the grain was sown, thinking that the growing stalk would readily find its way through and that during the drouth of July and August, which almost always occurs, it would act as a mulch and be beneficial to his crop. In this he was not mistaken, for the average on that ten acres was forty bushels to the acre, while on the same kind of land adjoining, with the same seed and as carefully put in, the yield was but twenty-two bushels to the acre. The increase was thus nearly double, while the straw was in excellent condition to turn under this fall, and a double benefit consequently secured.

DRY EARTH.—Dry earth has other uses than to form good seed beds and smooth roads. It is a disinfectant and preventive of disease. Finely pulverized earth thrown into out-houses deodorizes their contents, and at the same time increase the volume of valuable manure for the garden or field. In the poultry house have at least six inches of earth, and rake it over every three days, and re-supply every six months. Keep dry earth in barrels in pigpens, spreading it frequently. It is a good absorbent, and keeps the pigs in excellent health. Ashes will do nearly as well.

Any one can keep fowls if the mistress of the house attends to her duty and sees that cinders are sifted. Seven fowls had only a pen of five feet by thirty but sprinkled ashes kept it always fresh and sweet. By this means that other horror—the ashpit—is done away with.

THE HOUSEHOLD.

CURRENT JELLY.—Pick over the currants carefully, and rinse with cold water; put on the stove, in a porcelain kettle, without any water. Bruise the currants, and when warmed through, put in a jelly-bag to drain. Strain the juice, and boil ten or fifteen minutes; skim, take from the stove, and pour boiling over the sugar. Do not set it over the fire again, but take to a cool room, and stir till the sugar is dissolved; also stir often until cold. Granulated sugar is best for jellies, allowing a pound to a pint of juice. Pour the jelly into glasses, and if thin, set in the sun for a few days. This method will not answer for all jellies, but is an excellent way for currant jelly, as the natural flavor of the fruit is retained more perfectly than by the old rule of boiling sugar and juice together. Currants that are not quite ripe are best for jelly.

GREEN CORN PUDDING.—Take half a dozen ears of green sweet corn and with a sharp pointed knife, split each row of kernels and scrape from the ear; mix with this pulp two eggs, well beaten two tablespoonfuls of sugar, one tablespoonful of butter, and tablespoonful of salt, half a pint of sweet cream (or milk with an extra spoonful of butter), and one dozen small crackers, pounded fine. Mix well together and bake two or three hours. Use the corn raw.

SCIENCE.

MORE MICROPHONE EXPERIMENTS.—Some interesting experiments with the microphone were recently described by Mr. James Blyth in a paper read before the Royal Society of Edinburgh of which Nature publishes an abstract. Instead of the pointed piece of carbon supported between two pieces of the same material as used by Professor Hughes, it occurred to Mr. Blyth that ordinary gas cinders would be likely to answer the purpose tolerably well. To test this he included in the circuit of an ordinary Bell telephone a single Lec-lanche cell, and a small jelly-can half filled with cinders broken into pretty coarse fragments. The connections were made by slipping down at opposite sides, between the cinders and the sides of the jar, two strips of tin, to which the circuit wires were attached. When this simple instrument was used as a transmitter, articulate sounds were heard very loud and distinct in the distant telephone, though occasionally marred by what appeared to be the rattling of the cinders in the jar. Sounds were also quite audible, even when the speaker stood several yards away from it. But the most remarkable feature which the experiments tended to show was that the transmitter could also be used as a receiver. For this purpose similar jelly-cans containing cinders were used, both for transmitter and receiver, and a battery of two Grove's cells was included in the circuit. Articulate sounds uttered in the one cinder jar were faintly heard in the other, an even voice could be distinguished, although the results were not perfectly satisfactory.

TO PURIFY WATER.—Take any suitable vessel with a perforated false bottom, and cover it with a layer of animal charcoal; on the top of that spread a layer of iron filings, borings, or turnings the finer the better, mixed with charcoal dust; on the top of the filings place a layer of fine clean siliceous sand, and you will have a perfect filter. Allow the foul water to filter slowly through the above filter, and you will produce a remarkably pure drinking water. Before placing the iron filings in the filter they must be well washed in a hot solution of soda or potash, to remove oil and other impurities, then rinse them with clean water; the filings should be mixed with an equal measure of fine charcoal. If the water is very foul it must be allowed to filter very slowly. The foulest ditch water, treated as above is rendered quite pure and fit for drinking. I may mention that I have made it a practice during the last twenty-seven years to boil all my drinking water. It is the safest plan for a man moving from place to place. You cannot always carry a filter and chemicals about with you, but you can always manage to get boiled water; people talk about it being rapid and tasteless but I am used to it, and like it.

FOR SKELETONIZING LEAVES.—Four ounces common washing soda dissolved in one quart boiling water; add two ounces slacked quick-lime; boil fifteen minutes; cool solution and pour off clear liquid into saucepan. Put over the fire, and when at boiling point put in leaves and boil for an hour, add boiling water occasionally to replace the loss by evaporation. When leaves are removed, if the cellular tissue does not rub off in cold water boil again. When skeletons are exposed they are not white. To bleach them, put them into a weak solution of chloride of lime—one large tablespoonful of chloride of lime to one quart of water, and a few drops of vinegar; let leaves remain in bleaching fifteen minutes; if leaves remain in the bleaching mixture too long they become brittle. A soft tooth-brush is better to clear skeletons with rather than the finger. Gather specimens of matured leaves in July to September; never in damp weather. Dry specimens in white blotting paper, under gentle pressure.—New York Times.

RUSTY NAIL WOUNDS.—Every little while we read of some one who has stuck a rusty nail into his foot or some other part of his person, and lockjaw has resulted therefrom. All such wounds can be healed without any fatal consequences following them. The remedy is simple.—It is only to smoke such wound or any wound or bruise that is inflamed with burning wool or woolen cloth. Twenty minutes in the smoke of wool will take the pain out of the worst case of inflammation arising from any wound we ever saw. Patience is a plaster for all sores.

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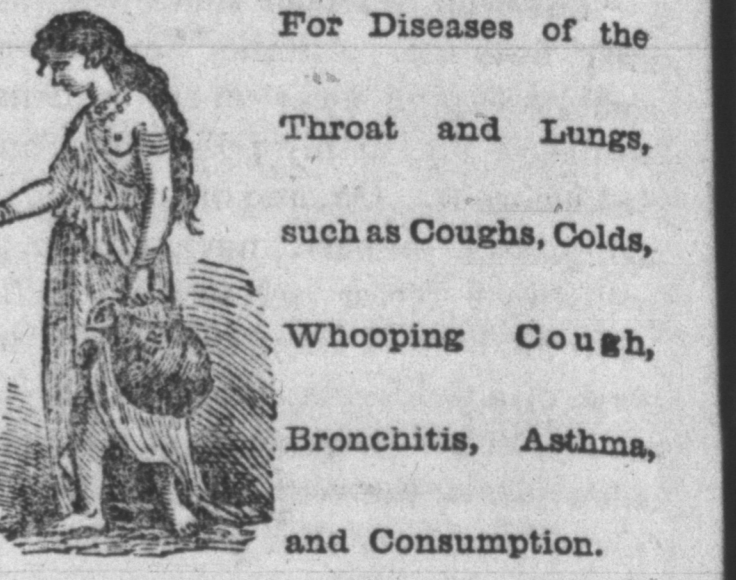
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THE CHRISTIAN MESSENGER

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