

The Messenger Almanac.

APRIL.
New Moon, April 2nd, 5h. 0m. afternoon.
First Quarter, " 10th, 10h. 40m. morning.
Full Moon, " 17th, 1h. 45m. "
Last Quarter, " 24th, 4h. 19m. "

Table with columns: Day, SUN., MOON., High Tide. Rows for days of the month from 1st to 30th.

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.

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Address A. W. KINNEY, Yarmouth, N. S. May 24. 1y.

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LONDON HOUSE BUILDING, WATER STREET, WINDSOR

SAVE 15 CENTS in every DOLLAR by purchasing your BOOTS and SHOES, HATS and CAPS from April 14.

CATARH advertisement with image of a person and text describing the condition and treatment.

Dr. J. J. HARDIN writes: "I am desirous that others may know the thing of the merits of your CATARH... I have been entirely cured by your CATARH REMEDY..."

AGRICULTURE.

WOLFVILLE, KING'S Co., March 16th, 1878.

Mr. Editor,—

I notice an article in your paper of the 13th inst. taken from the Michigan Farmer, on butter making. I agree with the writer, with the exception of working the butter over the second time after it is salted. It should never be done, for which I will give my reason. Each kernel of salt when melted leaves a drop of pickle, which should remain in the butter to keep it sweet until used.

J. F. CROWE.

Plants sleep at night, as is well known, but their sleeping hours are a matter of habit, and can easily be disturbed. A French chemist recently exposed a sensitive plant to a bright light at night, and placed it in a dark room during the day. The plant at first appeared much puzzled. It opened and closed its leaves irregularly, in spite of the artificial sun beaming upon it at night, and, in the daytime, it sometimes awoke. It finally submitted to the change, unfolding itself regularly at night, and closing in the morning.

Mr. Mechi, the famous scientific farmer of England, estimates that fifteen hundred sheep folded on an acre of land for twenty-four hours, or one hundred sheep for fifteen days, would manure the soil sufficiently to carry it through a four year's rotation.

In India the elephant is made serviceable before a gigantic plough. The implement is guided by two men and turns up a huge ridge and forms a furrow three feet deep by four and a half feet wide at the top. This is the deepest sub-soil ploughing we have any account of.

SHELL MARL.—While most marl is little better than carbonate of lime, there are occasionally deposits found more or less rich in the phosphate of magnesia and lime, two saline earths of great value as fertilizers for wheat. In the absence of skilled, or accurate analyses, burn a small sample, grind it fine, and then add water, and shake. If the solution becomes milky, and then refuses to clear, and persists after days or weeks in keeping up its white turbid appearance, there is every reasonable probability that the marl contains a considerable per cent. of the phosphates of magnesia and lime; one or both, and is therefore extremely valuable as a fertilizer for wheat and other cereal crops.—Cor. Country Gentleman.

VARIETIES.

A traveller interrogating a backwoodsman, received brief but pertinent answers, thus:

- "Whose house is this?" "Moggs'."
"Of what built?" "Logs."
"Any neighbors?" "Frogs."
"What is the soil?" "Bogs."
"The climate?" "Fogs."
"What do you live on?" "Hogs."
"How do you catch them?" "Dogs."

HOW PRAIRIE DOGS GET WATER.

It has always been a subject of curiosity and inquiry as to how and where prairie dogs, living on the prairie far away from any river or stream, obtain their water. F. Leech, formerly of Mercer County, Pa., and a frontiersman of experience, asserts that the dogs dig their own wells, each village having one with a concealed opening. It matters not how far down the water may be, the dogs will keep digging until they reach it. He knows of one such well 200 feet deep, and having a circular staircase down to the water. Every time a dog wants to drink he descends this staircase, which, considering the distance, is no mean task. In digging for water the animals display as much pluck as in resisting the efforts of settlers to expel them from the land of their progenitors.

"What's the difference between the North Pole and South Pole?" Why, all the difference in the world," replies a lady, unwittingly; and that's the answer.

SCIENCE.

AQUARIUM CEMENT.—Mix together litharge and glycerine to the consistency of thick cream or fresh putty. This cement is useful for mending stone jars or coarse earthenware, stopping leaks in seams of tin pans or wash boilers, or cracks and holes in iron kettles, etc. I have filled holes an inch in diameter in kettles, and used the same for boiling water and feed. It may also be used to fasten on lamp-tops, to tighten loose nuts, to secure loose bolts whose nuts are lost, to tighten loose joints of wood or iron, loose boxes in waggon-hubs, and in a great many other ways. In all cases the article mended should not be used until the cement has hardened, which will require from one day to a week, according to the quantity used. This cement will resist the action of hot or cold water, acids, and heats.

TO MEND CHINA.—Take a very thick solution of gum Arabic in water, and stir it into plaster of Paris until the mixture becomes the proper consistency. Apply it with a brush to the fractured edges of the china, and stick them together. In three days the article cannot be broken in the same place. The whiteness of the cement renders it doubly valuable.

A CHEAP TELEPHONE.—Professor Barrett, in a lecture on the telephone delivered recently in the United States, gave a recipe for making a cheap one. Take a wooden tooth-powder box and make a hole about the size of a half crown in the lid and the bottom. Take a disk of tinned iron, such as can be had from a preserved meat tin, and place it on the outside of the bottom of the box, and fix the cover on the other side of it. Then take a small bar magnet, place on one end a small cotton or silk reel, and round the reel wind some iron wire, leaving the ends loose. Fix one end of the magnet near, as near as possible without touching, to the disk, and then one part of the telephone is complete. A similar arrangement is needed for the other end. The two are connected by the wire, and with this Professor Barrett says that he has been able to converse at a distance of about one hundred yards.

NEUTRALIZING POISON.—A poison of any conceivable description and degree of potency, which has been intentionally or accidentally swallowed, may, it is said be rendered almost instantly harmless by simply swallowing two gills of sweet oil. A person with a very strong constitution should take nearly twice the quantity. This oil, it is alleged, will most positively neutralize every form of vegetable, animal, or mineral poison with which physicians and chemists are acquainted.—Scientific American.

A novel industry has been started in Mansfield, Massachusetts—the manufacture of jewelry out of sour milk. The milk comes in the shape of curd from the butter and cheese making counties in New York, and after having undergone a wonderful change, receives the name of American coral. The secret in making it up is carefully guarded; but it is certain that it has to be heated very hot, during which coloring matter is introduced, followed by a very heavy pressure. Some of it is colored black and called jet, while some appears as celluloid. It makes very handsome jewelry.

THE HOUSEHOLD.

SCOLLOPED POTATOES.—Take a dozen raw potatoes and slice them very thin; break about a pound of bread into fine crumbs; and a quart of new milk. Put a layer of crumbs upon the bottom of a pudding dish, next a layer of potatoes, a trifle of butter, a sprinkle of salt, and pepper, with a little of the milk; next, another layer of crumbs then potatoes, reserving enough crumbs for the top, which may be ornamented, if you think best, by a very small piece of pastry. Bake in a good oven for about an hour.

APPLES PRESERVED LIKE GINGER.

Peel and cut in quarters six pounds of apples, six pound of sugar, one-half pound race ginger; pack the apples, in a jar, a layer of apples, then sugar and ginger until all are put in; next day bruise an ounce of ginger and infuse it in half a pint of boiling water, closely covered; next day put the apples, sugar and ginger with the water from the bruised ginger in a preserve kettle and boil for one hour, or until the apples look clear and the syrup rich, adding some lemon peel, cut very thin just before done.

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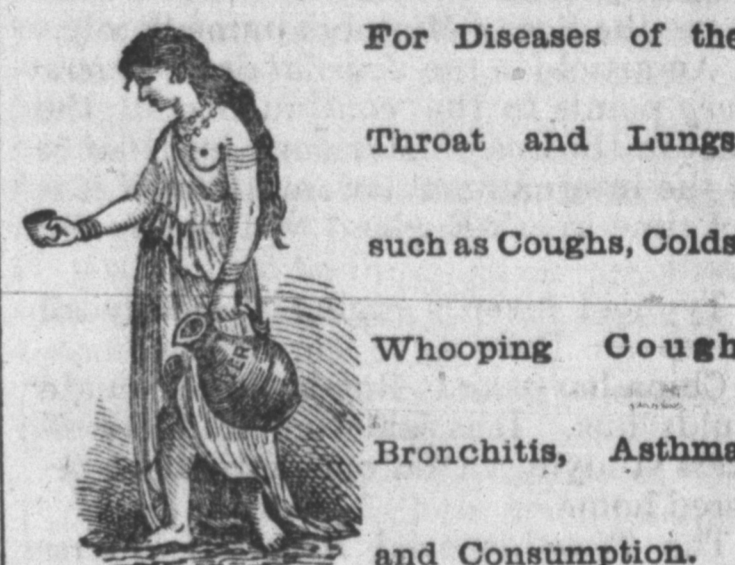
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For Diseases of the Throat and Lungs, such as Coughs, Colds, Whooping Cough, Bronchitis, Asthma, and Consumption.

The reputation it has attained, in consequence of the marvelous cures it has produced during the last half century, is a sufficient assurance to the public that it will continue to realize the happiest results that can be desired. In almost every section of country there are persons, publicly known, who have been restored from alarming and even desperate diseases of the lungs, by its use. All who have tried it, acknowledge its superiority; and where its virtues are known, no one hesitates as to what medicine to employ to relieve the distress and suffering peculiar to pulmonary affections. CHERRY PECTORAL always affords instant relief, and performs rapid cures of the milder varieties of bronchial disorder, as well as the more formidable diseases of the lungs.

As a safeguard to children, and the distressing diseases which beset the Throat and Chest of Childhood, it is invaluable; for, by its timely use, multitudes are rescued and restored to health. This medicine gains friends at every trial, as the cures it is constantly producing are too remarkable to be forgotten. No family should be without it, and those who have once used it never will.

Eminent Physicians throughout the country prescribe it, and Clergymen often recommend it from their knowledge of its effects.

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