The Christian Messenger.

ALMANAC FOR NOVEMBER.

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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. At Charlottetown, 2 hours 56 minutes later. At Westport, 2 hours 54 minutes later. At Yarmouth, 2 hours 20 min-

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 -Subt.a. the time of the sun's setting from 2 hou. and to the remainder add the time of rising n. v morning.

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WM. PARKS & SON, New Brunswick Cotton Mills. St. John, N. B. Aug. 25.

BETCHER'S PECTORAL MIXTURE

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 chough, 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. 12.0

CONSUMPTION CURED.

To the Editor of Christian Messenger. ESTEEMED FRIEND: Will you please inform your readers that I have a positive

CURB 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 Samp'e, 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.

Science.

Mound Explorations .- Dr. W. in Union City township, lowa.

diameter. The height of the ridge or or thirty bushels to the acre. for hearths or supports for the earthen produce little but white beans. vessels while being used for cooking food: collections of fish scales, bones where it is desired to seed the land of buffalo, deer, badger, bear, fish, and down to timothy, clover or other grasses. spot was ornamented with horizontal is entirely lost. place was ornamented with zigzag lines, the spring as late as May and will then, in and at another, near by, they had the a favorable season. give a good crop of own particular method of ornamenta- next spring. upright position. For the purpose of crops.

the base and one and a half inches er. It is an excellent crop to turn from base to apex, were found, the under on sandy soil when it is the

was once the habitation of a commu- not flourish well in damp soils, and were built in a circle, and the piles of be very wet, even for a tew days. fed themselves, and that each family article of food. wigwam.

wild beasts or their fellow men, as a and fat forming principles. place for the aged, the young, and the women to fice to while the warriors met their encroachments outside the circle of dwellings. Forty rods south were ing the effects of ammonia on flowers. found some 83 burial mounds or tumuli, It is well known that the smoke of out of which they procured parts of tobacco will, when applied in sufficient human skeletons .- Scien. American.

rooms and kitchens are often carpeted saucer and inverting a funnel over it. with oil-cloths, and require to be Placing the flowers in the tube of the cleansed, but if they are washed with latter, he finds that blue, violet, and soap-suds it proves a very destructive purple-colored blossoms become of a process, and soon takes off the paint. fine green, carmine and crimson become A daily sweeping with a long-handled black, white become yellow, while parbrush, if ordinary care is used, is quite ti-colored flowers, such as red and sufficient for removing most of the white, are changed to green and yellow. dust and soil; but once a fortnight they If the flowers are immersed in water, should be wiped up with a soft flannel, the natural color will return in a few moistened with milk, and dried off hours. Professor Gabba also found with a dry flannel. At the autumnal that asters acquire a pleasing color cleaning a coat of varnish, applied to- when submitted to the fumes of ammowards night, will renovate the fading | nia. colours greatly.

egg into a dish and beat slightly. Use for this very well.

doors will prevent them from creaking. | jingling.

Agriculture.

ABOUT RYE .- It will grow and pro-W. Ranney, of Lansing, Iowa, com- duce fine crops far north of the degree municates to the Journal, of that of latitude where wheat will fail. It is, place, an interesting account of an ex- indeed, one of the most hardy crops Melvern Square, Wilmot, N. S. amination, recently made by himself that is cultivated. In regions where and other parties, of an ancient mound | tall-sown wheat is almost sure to survive and do well. Throughout the The mound is not in the form of prairie region of Illinois, very little the burial mounds or tumuli, but forms wheat went through last winter witha circle, the circumference of which is out injury, but rye came out all right 700 feet. The ridge or elevation and generally produced good crops. averages about 25 feet in width, leav- In many places where wheat was ploughing a circular inclosure 210 feet in ed last spring, rye yeilded twenty-five

mound is about three or four teet from Rye will grow and produce very the surface of the ground. On open- fair crops on soils so poor that little ing it, pieces of broken pottery, made else will yield enough to pay for harof a bluish clay and partially pulverized vesting. It delights in dry, sandy mussel shells, were discovered; stones, soils, and will yield a good return for showing evidence of having been used the labor and seed on land that will

Rye is one of the best grains to sow birds; but no evidence of human bones. It has little foliage as compared with The long or marrow bones of all ani- oats and wheat, and accordingly does mals were found broken or split, sup- not shade the ground as much. It alposed to have been done for the pur- lows sufficient sunshine to reach the pose of extracting the marrow for food, soil to cause the young grass to grow which circumstance is also noted in very well. After the crop of rye is Kfokenmöddings, or kitchen middens, harvested, the young grass is not as of Denmark. One peculiarity noticed likely to be burned up as is the case was that in different localities the orna- when oats and wheat are cut. The mentation of the pottery was dissim- change is too violent when wheat and ilar. For instance, all found on one oats are cut, and often the young grass

circular rings; all found in another | Fall-sown rye may be pastured in same zigzag lines with dots in the grain. The seed is so tenacious of angles. This was accounted for by the life, that it may be sown so late in the supposition that each family had its fall that it will not germinate till the

tion, by which they recognized their In some places it is common to sow property. These vessels were quite rye in pastures and go over the ground capacious, the diameter of one hav- with a harrow. The effect is excellent ing been fourteen inches at the if the grass is scattering, or if there mouth. About one and three quarter are patches that have been killed by inches below the mouth they abruptly the cold or drouth. The rye will afford widened out six inches all around, a variety of feed which is very desirmaking the largest diameter twenty- able in a pasture. It will occupy land six inches. The bottoms had been which would otherwise grow up with rounded in such a manner that they weeds or mosses. It is a good plan to never tipped over; but let them be sow rye in a field that is inclosed by set down as they might, they oscillat- itself, so stock can be turned on it in ed till they finally, when still, sat in an | the spring or fall without injury to other

handling, the vessels were provided As a crop to turn under for the purwith handles on two opposite sides. pose of green manuring rye ranks next Besides the beforementioned articles, to clover. It has the advantage over copper ornaments, one inch wide at clover that it can be grown much soonform being the same as a perforated intention to plant potatoes. Rye is flat iron, as if to attach some addition- also a good manure for corn and wheat. al ornament or string to fasten in the When ploughed under it decays very quickly, especially when it is covered The conclusion was that the mound by sandy soil. Rye is a crop that does nity of families; that huts or wigwams | should never be sown on soils likely to

burnt stone unearthed represented a Rye bread has an agrecable, sweethearth in a hut, on which the pottery ish taste, and remains moist a long sat while cooking, and around each of time after it is baked. Mixed with which a separate family warmed and corn meal it forms a most excellent

had a separate distinct mark on their | Rye makes excellent feed for cattle vessels by which they were known and hogs, especially where the object from their neighbors in the next hut or of the feed is to add to the growth of flesh rather than to the formation of The central inclosure was used for fat. Mixed with corn meal it forms a their games, dancing, and pleasure, feed that cannot be surpassed, as it and perhaps, in case of attack from contains the right proportion of flesh

EFFECT OF AMMONIA ON FLOWERS. -Professor Gabba has been examinquantity, change the tint of flowers, but Professor Gabba experiments by To CLEAN OIL-CLOTHS .- Dining- pouring a little ammonia liquor into a

Under the roots of a large pine over-To MAKE A HANDY PAINT break an thrown by a recent storm in Calboun county, Ark., was found a Spanish the white only, if for white paint; then bridle bit and a large copper bridle stir in coloring matter to suit. Red buckle of singular workmanship. The lead makes a good red paint. To thin bit is of the curb pattern, and has a it, use a little skimmed milk. Eggs round ring which falls under the lower that are a little too cold to est will do jaw, forming the curb, and sorrounding this ring is a pendant, in the shape of a half moon, with a number of little A bit of soap rubbed on the hinges of chains attached to make a constant

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