The Christian Messenger.

HALIFAX, N. S., DECEMBER 30, 1874.

ALMANAC FOR JANUARY. New Moon, Jan. 7th, 0h. 54m. afternoon. First Quarter, " 14th, 5h. 8m. afternoon.
Full Moon, " 21st, 1h. 26m. afternoon.
Lest Quarter, " 20th, 8h, 19m. morning.

Last Qu	arter, "	20th,		m. mo	tuink.
E Day	SUN.	M	oon.	H	igh Tice
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8 F 9 Sa	7 41 4 34		1 54	6 24	8 59
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29 Fr.		0 51			0 59
30 Sa.	AN EXPERIMENTAL PROPERTY.	1 1 57	E CONTRACTOR OF THE PARTY OF TH		1.49
31 SU					

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, 8 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-

utes later. 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 2 hours and to the remainder add the time of rising n.xt worning.

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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 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.

GEO. L. FELLOWS.

ST. JOHNS, 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.

CONSUMPTION

Aug. 12.

1 yr.

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 wilt 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

Faithfully Yours, DR. T. F. BURT. William Street, New York.

Agricultural.

ALKALI FOR AN OLD APPLE TREE. -In considering the growth of organisms, the action of the alkalies is to be chambers always imperil health, and looked upon as scarcely less important invite fatal disease. Robust persons than of air and water. Lime is the may safely sleep in a temperature of great animal alkali, and potash the forty degrees or under, but the old, vegetable one; its old name of vege- the infant, and the frail, should never table kali expressed that fact, and all sleep in a room where the atmosphere the potash of commerce is well known is much under fifty degrees Fahrento be derived from wood ashes. The heit. importance of potash as a manure has who know that the large amount of this material found in grass, graincrops, leaves, barn-yard manure, roots and fruits, How potash acts in plants, in conjunction with carbon and silex, to form woody fiber, starch, sugar and oil, is yet unknown to chemical observers, but the fact of its action is beyond a doubt.

Liebig long since pointed out that the chief cause of barrenness is the waste of potash carried off by rich crops, especially tobaco, with no replacement by proper manure. How many millions of pounds of potash have been sent to Europe from the forests of America, and in the grain, tobaco and hemp! Luckily one alkalı may be replaced by another, and we have received a considerable quanity of soda from European seaweed, and in the shape of salt. Latterly, nitrate of soda from natural to us at a cheap price.

The point to which we now call atlowed as a general rule, our crops of kill very often. apples, grapes, peaches, etc.. would be greatly benefited in both quality and

experiment. treated an old hollow pippin apple tree | bore into the sides of hills or mounas follows: - The hollow, to the height | tains for hundreds of feet with a 21 of eight feet, was filled and rammed inch diamond drill of tubular form. with a compost of wood ashes, garden By this means solid cores or specimens mold, and a little waste lime(carbonate). of the borings can be had. Conglo-The filling was securely fastened in by merate rock cores, 12 feet in length, boards. The next year the crop of in one piece, have thus been obtainsound fruit was sixteen bushels from ed. an old shell of a tree that had borne nothing of any account for some time. American.

ABSURDITIES .- Frosted grass does not tend to dry up cows. Apples in moderate quantities have no such tendency, but on the contrary may be fed to advantage-especially sweet apples. Potatoes are said to dry up cows also-nothing is more absurb, for they are an eminently milk producing food -and when small potatoes are not boiled and fed to pigs, the cows ought to have them. Pumpkins are well known as excellent milk feed, the seeds however, are diuretic in their tendency and very likely to reduce the quantity of milk .- Rural Newyorker.

Waste not-neither time, money, nor | Off flew the other in a mifftalent.

RECIPES.

Eggs a la Bonne Femme. - Slice an onion, fry it in butter to a light brown, add a teaspoonful of vinegar; butter a dish, spread the onion and vinegar; break the eggs into it, and then put the dish into the oven; when the eggs are done, strew fried bread crumbs over them, and serve very hot.

Ham toast .- Chop cold boiled ham; add milk to soften a sufficient quantity of toast; add butter, and season to taste. After dipping the toast, and just before dishing, stir in two or more eggs. As soon as it begins to thicken pour over the toast.

CHILI SAUCE .- Chop four peppers, two onions, twelve large ripe tomatoes skinned. Add four cups of white vinegar, two tablespoonfuls of sugar, and one of salt. Boil hard one hour, and bottle in wide-mouthed bottles when cool. This will keep all the year.

Scientific.

SLEEPING IN A COLD ROOM .- Mall's Journal of Health says that cold bed.

All know the danger of going direct been frequently overlooked by farmers, into the cold from a very warm room. Very few rooms, churches, theatres and the like are ever warmer than seventy degrees. If it is freezing out of doors it is thirty-two degrees-the difference being forty degrees more. Persons will be shilled by such a change in ten minutes, although they may be actively walking. But to lie still in bed, nothing to promote the circulation, and breathe for hours the atmosphere of forty, or even fifty degrees, when the lungs are always ninety-eight, is too great a change. Many persons wake up in the morning with inflammation of the langs who went to bed well, and are surprised that this should be the case. The cause may often be found in sleeping in a room, the wing S. School Reward Cards, Children's Tracts, dow of which has been foolishly hoisted for ventilation. The water-cure journals of the country have done an incalculable injury by the blind and indeposits in South America is brought | discriminate advice of hoisting the window at night.

The rule should be everywhere tention is that our farmers and fruitgrowers have ignored or rather have been ignorant of, the importance of outside windows. It is safer, and betbeen ignorant of, the importance of outside windows. It is safer, and betwithout delay. The books, mark and Charts. Large Commissions given we offer liberal inducements to Experienced Agents. Descriptive Circulars and Terms outside windows. It is safer, and betwithout delay. wood ashes as a vegetable stimulant | ter to leave the chamber door open, as and as the constituent of plants. Even also the fireplace-then there is a coal ashes now thrown away as useless, draft up the chimney, while the room have been shown both by experiment is not so likely to become cold. If and analysis, to possess a fair share of | there is some fire in the room all night, alkaline value. According to our ob- the window may be opened an inch. servation, if the practice of putting a It is better to sleep in a bad air all mixture of wood and coal ashes around | night with a temperature under forty. the stems of fruit trees and vines, par- The bad air may sicken you, but canticularly early in the spring, were fol- not kill you; the cold air can, and does

THE DIAMOND DRILL .-- The diamond quantity, and the trees and vines would | drill is now extensively used in prelimlast longer. We will relate only one inary mining, to ascertain the exact location and thickness of ore or coal at Some twenty-five years ago, we given points. It is not uncommon to

Brick vaults and safes are now man-But the strangest part was what fol ufactured, so that any attempt to reach lowed. For seventeen years after their interior breaks sundry bottles filled filling, the old pippin tree continued with sulphuric acid into powdered carto flourish and bear well .- Scientific bonate of lime. This produces instantaneously carbonic gas enough to suffocate a regiment of burglars.

> HOW THE LITTLE BIRD WENT TO SEA

Two little birds sat in a nest. All on a summer's day. Said one " I think it's far too warm, You'd better fly away. Away, away, away, You'd better fly away!

" This tiny nest, it is so snug There's only room for me; And as for you, I really think You'd better go to sea. To sea, to sea, to sea, You'd better go to sea !"

At least so runs the tale-And coming to a tender ship, He lit upon the sail. The sail, the sail, the sail, He lit upon the sail.

Now, sailors of a tender ship Are always very kind; They said, "You little bird, stay there So be't you have a mind. A mind, a mind, a mind, So be't you have a mind."

Said he, " Full thankful swells my heart, To hear such friendly tones; This ship I'll ne'er forsake until It goes to Davy Jones. D. Jones, D. Jones, D. Jones, It goes to Davy Jones !"

"Good-bye, good bye, my faitbless friend!" Then sang he loud and long; And folded both his little wings-The ship sailed on and on. And on, and on, and on, The ship sailed on and on.

And that it might sail yet, Nobody can deny; The saiolors singing with the bird: " My faithless friend, good by; Good-bye, good-bye, good-by.
My faithless friend, good-by!" -St. Nicholas. BRITISH AMERICAN

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