The Messenger Almanac.

New Moon, Jan. 3rd, 9h. 49m. morning. First Quarter, "11th, 2h. 32m. afternoon. Full Moon, "18th, 7h. 56m. Last Quarter, "25th, 11h. 35m. morning. Day SUN. MOON. High Tide				
K W.	Rise. Sets. Rises. South, Sets.		at Halifax	
1 Tu. 2 W 3 Th. 4 Fr 5 Sa 6 US. 7 M 8 Tu. 9 W. 10 Th. 11 Fr 12 Sa 13 SU. 14 M 15 Tu. 16 W.	7 42 4 26 7 42 4 27 7 42 4 28 7 42 4 30 7 42 4 31 7 41 4 32 7 41 4 33 7 41 4 34 7 41 4 35 7 40 4 36 7 40 4 38 7 39 4 40 7 38 4 41	6 22 10 7 16 11 8 4 A 8 42 1 9 8 1 9 30 2 9 49 3 10 7 3 10 24 4 10 40 5 11 0 5 11 23 6 11 50 7 A. 27 8 1 15 9 2 17 10	20 2 18 14 3 12 10 4 16 1 5 20 48 6 28 32 7 34 13 8 37 53 9 39 32 10 40 11 11 42 53 M 38 0 46 26 1 53 19 3 2 17 4 11 19 5 19	6 4 7 0 7 50 8 30 9 8 9 45 10 21 10 53 11 25 11 59 M. 0 36 1 20 2 13 3 23
21 M	7 36 4 45 7 36 4 46 7 35 4 48 7 34 4 49	3 30 11	1 7 12 22 7 54 20 8 26 13 8 52	8 58
22 Tu. 23 W 24 Th. 25 Fr 26 Sa.	7 33 4 50 7 33 4 52	11 27 3 M 4 0 42 5 1 57 6	54 9 50 43 9 59 33 10 24 25 10 53	11 28 A.11 0 56

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport,

4 30

5 53

27 SU. 7 29 4 58 3 9 7 19 11 29

28 M., 7 28 4 59 4 16 8 15 A. 14

30 W. 7 26 4 1 6 2 10 5 2 8

31 Th. 7 25 4 3 6 41 10 56 3 11

29 Tu. 7 27 4 0 5 13 9 10 1

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, Newfound-At Charlottetown, 2 hours 56 minutes Westport, 2 hours 54 minutes

FOR THE LENGTH OF THE DAY. -Add 12 hours to the time of the sun's setting, and rom the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT. -Sub-tract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

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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,

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IS THE GREAT MODERN REMEDY

TT 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 mos 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.

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



Catarrh Remedy. 1212 to Shoulders, Back 314 Catarrh Remedy. 2212 to Shoulders, Back 314 and Droppings in The 221 Disappear. 277. ARMAND, P. Q., Sept. 12, 1876. MR. T. J. B. HARDIN rons that others may know some or Constitutional Catarra Rem-what it has done for me. I am 29 DEAR SIN,—Being thing of the merits of thing of the merits of year Constitutional Catarrh Remedy, I wish to inform you what it has done for me. I am 29 years old; had been out of health for about five years. I had employed three or four different doctors, and tried various medicines, without receiving any permanent benefit but continued rather to grow worse, until last fall, when I had become so bad as to be unable to do an hour's work at a time. Had severe to oreness and pain under the shoulder blades and through the shoulders, with very lame back, and a feeling in my right larg as though there was a weight bearing it down, with continual dropping in the throat and down upon the langs. Such was my condition when I commenced to take your Catarrh Remedy, one bottle of which eased my pains and gave me an improved appetite, and after taking four bottles I was restored to health, so as to be able to endure hard and continued labor, such as chopping and clearing lard, at which I have been engaged the lessing, to the use of our Catarrh Remedy. Yours truly, D.S.F. Price 31 per bottle.

April 4.

AGRICULTURE.

PLAN YOUR WORK AND BE READY. -Winter, after a successful season of sowing and harvesting, is a welcome resting "spell" to the farmers; the long winter evenings give time for reflection upon the lastseason's labors, and thought; ideas and plans will be worked over in the mind, with the help of good agricultural papers and books for improvement of operations another season.

Definite plans in the mind and on paper will find the farmer ready to go ahead without hesitation when time for action arrives. This is the true way to forward work, no backward steps; plans are definite; no lost time, no waiting; a satisfactory day's work, pleasant to both employer and his men.

Do all the work that can be done through the winter that will advance the spring work and find you in readiness on the opening of spring with no back work on your hands to interfere with immediate work in progress. Keep ahead of your work .- N. J. Agriculturist.

DIMINUTION OF LIVE STOCK IN BRITAIN .- The London Times is apprehensive of coming evil to British farmers from the fact brought out by recent agricultural statistics, that not only is the area of land in the United Kindom under arable crop undergoing annual diminution, but that the number of head of live stock is also decreasing. There seems to be no doubt of the fact. land, 20 minutes EARLIER, than at Halifax. From 1866 to 1874 there was a steady increase of all kinds of stock, and since A Yarmouth, 2 hours 20 minutes | that date there has been as steady a decrease. In 1866 there were in the United Kingdom of cattle 8,570,000 and of sheep 26,380,000. In 1874 10,291,000; and sheep, 34,826,000. In 1877, however, the numbers are found to be, cattle 9,734,000; sheep, 32,220,-000.

These figures indicate either that British farmers are discontinuing sheep and cattle raising, or that there has been excessive mortality among their hocks and herds-either of them a sufficiently serious affair. The price of meat has never been so high as during the three years in which the decrease has taken place, so that the stimulus of a good market has not been lacking.

June grass, or blue grass, is a valuable grass for permanent meadows, but would not be desirable in a rotation system, for the reasons, first, that it has creeping roots, like the Canada thistle, and is therefore very hard to eradicate, and, second, because it requires two or three years before it gets well set. makes the best of hay, and should be cut just like other grasses, at the time when it is coming into blossom. It would take about a bushel, or fourteen pounds, to seed an acre. The best time to sow is in the spring, on the top of the snow, just as it is going away.-

Milk can be preserved indefinitely by condensation, that is, by driving off part of the water. . The milk is put immediately after drawing into perfectly clean cans or bottles which are filled quite full. These cans are then placed in water not to cover them, but almost so. The water is then heated up to 160 or 170 degrees, great care being taken not to go beyond the latter figure, and allowed to remain at that heat for varying times, and then hermetically sealed. The inventor claims that one hour's subjection to such heat will preserve the milk for one month, and five hours" treatment for twelve months.

Exporting oatmeal from Canada to Scotland would on the face of it, seem to be about as wise as "sending coals to Newcastle." Still, the experiment has been tried, and successfully, and the trade seems likely to grow into large and profitable proportions.

Peas and oats together make one of the best cleaning crops known for turning under before fall wheat. Peas alone are somewhat difficult to bury, but with oats the ploughing is much easier.

In Manitoba unimproved lands sell at from 30 cents to \$1; improved farms on the rivers from \$5 to \$10.

To fatten geese, an experienced practitioner says: Put up two or three and will pine away if left alone.

SCIENCE.

PREVENTION OF SEA-SICKNESS.—The Union Medicale recommends the following simple method for the prevention of sea-sickness. A few drops-say from three to eight-of the nitrate of amyle are applied closely to the nose by means of a hankerchief. The inhalation must be rapid, care being taken to prevent the mixture of atmospheric air in any great quantity. The patient will soon feel a sense of pulsation in the temples, and the face, losing its deadly hue, presents a light rose colour. These signs of salutary reaction continue for about half-an-hour, after which the individual falls asleep. The sickness may re-commence in twentyfour hours or so; the inhalation, in such case, must be repeated as before. The remedy appears to act most efficaciously when employed immediately after the first act of voiniting. This method has been tried on 124 persons. In 121 cases the sickness was stopped at once; that is to say, no efforts of vomiting were noted. In the remaining three cases it was necessary to repeat the inhalation two or three times, before the desired results were obtained .- Medical Examiner.

A NEW MILITARY ARM.—THE TOR-PEDO HUNTERS .- A correspondent of a German journal, writing from Erzeroum, gives the following account of the new corps of divers which has been organized by the Turkish government for the purpose of removing the torpedoes laid down by the Russians in the Danube and on the shores of the Black

The divers are Mohammedan from Lazistan, and a certain number these figures had increased to cattle, of them are attached to each of the Turkish squadrons cruising in the Black Sea. When the ships arrive near a spot where the existence of torpedoes is suspected two of the divers. row to the place in a very light boat, drawing so little water that there is scarcely any danger of its striking against the torpedoes. On arriving at their destination one of the rowers dives into the sea; if he finds a wire or rope by which the torpedo is attached he cuts it with a sharp instrument and returns quickly into the boat. The liberated torpedo floats to the surface of the water, the men pass a short lasso around it, take it in tow, and then row back to the ship as quickly as possible. For each torpedo thus captured they are paid \$45, and also a sum of money equal to one half of its value. Although the men have been often employed on this dangerous service, not a single accident has occurred to any of

> The galvanic current is due to acids in instant action on metals, a fresh surface of the one must be exposed constantly to the dissolving agency of the other. So much thought and fact stand in constant reaction, the evolved force is to be abundant and effective.—Prof. Bascom.

VARIETIES.

A young scapegrace, notorious for his pranks and practical jokes, who came of age the other day, awoke the family at midnight by loud cries of " Man in the House!

Athletic sport for ladies: jumping at conclusions; walking around a subject; running through a novel; skipping full descriptions.

La Nature says that when the whale in the Westminister Aquarium, London, died, all the living eels, which had been been put in the tank as food for

to know is wy they is so."

The man who calls a woman charming has both felt her charm and believes himself to be the object of an intention to please. The praise of moral and intellectual excellence may be bestowed without this condition, but there is always a subtle affinity between the interesting man and the person interested, between the charming woman and the person charmed .- Saturday Review.

While we are erecting tombstones in a darkened room and give each bird over dead martyrs and placing laurel one pound of oats daily, thrown on a pan | wreaths on the brows of living heroes, of water. In fourteen days they will don't let us forget to drop a tear on the be found almost too fat. Never shut grave of the man who conceived the up a single bird, as geese are sociable idea of putting a potato on the spout of a kerosene-can.

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"We all knows," said the school committee man to the new teacher he was examining for her position, "that A, B an' C is wowels, but wot we wants to know is wy they is so."

In this we are really grateful and happy not alone because our medicine finds ready sale, and is consequently profitable to us, do we say this, but because we open a new field in medical science, and cure at once what the best medical practitioners have for ages found so difficult even to relieve. We fill a place heretofore unoc cupied. We relieve the suffering and minister to God's poor; we restore the laboring to the use of his injured limbs, and save him scores of times its cost in docsave him scores of times its cost in doctor's bills; we carry contentment and gladness into the home of the afflicted, and consequently are remembered by millions of grateful souls.

The proprietor of this medicine has walked the aisles of the Hospitals of London, Eng., for the past twenty years, making rheumatism a speciality, and the prescription from which this remedy is all he ever used in the treatment of this

This medicine is for sale at all the drug-gists throughout Canada. If it happens that your druggist has not got it in stock, ask him to send for it to

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JANUARY 16, 1878



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and Consumption. The reputation it has attained, in consequence of the marvellous 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.

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