The Messenger Almanac.

		Apr	il.			
Last Or	uarter,	Apl. 5tl	h, 0h. 1	5m. a	fternoon	1.
New M	loon,	"13th "20th "27th	a, 1h. 3	6m.	** .	
First G	uarter	, "20t	h, 3h. 2	3m.		
Full M	oon,	" 27tl	h, 1h. 2	2m.		_
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THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport,

8 31

27 Fr., 5 0 6 55 7 43 M. 4 23

28 Sa., 4 59 6 56 8 55 0 16 4 29

29 US. 4 57 6 57 10 4 1 8 5 21

30 M. 4 56 6 59 11 5 2

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, Newfoundand, 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 minutes

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

READ THIS!!

of rising next morning.

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Encourage native enterprise and save the duty, freight, commission, and profit on American instruments. SEND FOR A PRICE LIST.

March 24,

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Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3. Alphabetical List of Members 40 cents

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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,

ALLEN'S LUNG BALSAM 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 high." 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. HAVE THIS DAY ADMITTED

WM. L. BARSS, LL.B.,

A partner in my business, and hereafter Halifax, Jan. 1, 1877.

EDWIN D. KING.

KING & BARSS, BARRISTERS AND ATTORNEYS-AT-LAW, SOLICITORS, NOTARIES, CONVEY-ANCERS, &C.

Careful attention given to the Collect tion of Debts and Settlement of Estates. Business conducted with promptness and despatch. EDWIND, KING.

Jan. 10.

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SCIENCE.

BLAZING SUNS .- The prophetic pizure in Scripture of a day when " the heavens shall pass away with a great noise, and the elements melt with fervent heat, the earth also, and the works that are therein shall be burned up" has recently received a striking illustration, possibly verification. A brilliant starof the third magnitude made its appearance suddenly in the constellation of the Swan. Previous surveys of the heavens have been so thorough and accurate as entirely to preclude the idea that this star could have previously existed in its then apparent size and escaped observation. Examinations with the spectroscope have led astronomers to the hypothesis that it was sun like our own, which for some unexplained reason, suddenly blazed up with several hundred times its former lustre, and with a degree of heat which must have consumed its own planetary system, if it were the centre of one. We speak of this as a recent phenomeon; but though only recently seen, it probably occurred some centuries ago, the light of this conflagration having taken that length of time to travel from the burning system to our own. Of course this does not prove that a similar catastrophe will bring the world's drama to a tragic end; indeed, thus far these blazing suns have not been discovered in our region of the heavens: but it at least illustrates the Biblical prophecies concerning the world's future destruction. - Christian Union.

SUGAR FROM CORN .- The Chicago Tribune says :- The manufacture of sugar out of ordinary corn is an industry that needs no encouragement to enable it to become a source of great national wealth. It needs simply the removal of a tax—the tax on alcohol. We have been shown a specimen of raw sugar manufactured near this city from corn. It is white and very sweet. To complete the manufacture into pure, granulated sugar, alcohol must be used to remove the foreign matter contained in the crude product. A bushel of corn yields thirty pounds of raw sugar, and this when purified by alcohol, gives twentyseven pounds of good sugar, marketable at four cents a pound. In other words, a bushel of corn made into sugar would bring \$1.08.

An idle Iowa farmer amused himself the other day by counting the seed in a millet head. He found 12,069 in all.

VARIETIES.

Some one observing, in a time of public calamity and danger, that the inhabitants of a certain district crowded the churches as they had not done before, said: " It reminds one of the old Scotch lady at sea in a storm, who asked the captain what the chances were. "Madam," said the seaman solemnly, "we must trust in God." "Ech, sirs, an' has it come to that?" cried the frightened dame.

From the following paragraph one would think there is an intention to raise tall students out in Wisconsin. An exchange paper says: "Its board of education has resolved to erect a building large enough to accommodate

A German florist, in high state of irritation, said: "I have so much drouble mit de ladies ven dey come to buy mine rose. Dey vants him hardy, vants ebery dings in von rose. I hopes the evil the following season. I am now vat you calls von uncallant man. But I have somedimes to say to dat l'adies : ' Madame, I never often see the ladies dat vas beautiful, dat vas rich dat vas good-temper, dat vas youngs, dat vas clever, dat vas perfection, in von ladies. I see her much

The following marriage notice recentthe same will be prosecuted under the ly appeared in an English newspaper; name and style of KING & BARSS. "Flower -Pott. - At Hammersmith, branches, exceeds 4,500 miles. Frederick Flower, Esq., of Notting Hill, to Eliza Florinda, second daughter of J. Pott, auctioneer, Deal."

"Men are like hymns," remarks an exchange newspaper. "There are OFFICE, 42 BEDFORD ROW. short-metre men, sharp, blunt and hasty; there are long-metre, slow, weighty and dignified; there are hallelujah-metre men, mercurial, fervent and inspiring; and there are eights-and-sevens men, Lord Skelmersdale has refused a bona gende, genial, and delightful. There are also some 'peculiar metres.'"

AGRICULTURE.

Underdraining .- Few, if any, now dispute the desirability of underdraining wet lands, although the reasons why tile draining answers a better purpose than surface or open ditch draining are not so obvious to the ordinary observer. A writer in the New York Herald thus explains the matter:

Free access of atmospheric air to every part of the soil is of the utmost importance. The air assists in the various processes of docomposition, by which dead animal and vegetable matter is made to yield products of the highest is made to yield products of the highest value as elements of the food of plants. If the soil is full of water, of course the air cannot get into the soil to perform this office. Hence, drains by drawing off the water beneath, give the air free admission to the soil, and each shower of rain, by displacing the air already of rain, by displacing the air already of the water beneath of the soil, and each shower of rain, by displacing the air already of the water beneath of the soil and each shower of rain, by displacing the air already of the water beneath of the soil and each shower of rain, by displacing the air already of the soil of the soil and each shower of rain, by displacing the air already of the soil of the soil of the soil and each shower of rain, by displacing the air already of the soil of the soil to perform this office. Hence, drains by drawing off the water beneath, give the air free admission to the soil, and each shower of rain, by displacing the air already of the soil of the water beneath, give the air free admission to the soil, and each shower of rain, by displacing the air already of the water beneath of the soil of the water beneath, give the air free admission to the soil, and each shower of rain, by displacing the air already of the soil of the water beneath of the soil of rain, by displacing the air already present and then falling through the soil running away in the drains, renewing the supply of fresh air. In this way drains are of the greatest benefit. Drains actually diminish the loss of plant food by washing away. Stagnant water is injurious to the roots of plants. They will not grow in it. Draining removes this, and hence the plants send down their roots deeper. Consequently the capability of absorbing nourishment is greatly increased. It is this increased depth of the roots in well drained soil which render the crops growing on them less liable to suffer from drouth than those on imperfectly drained land.

Although rain, washing the surface and running off by open channels, may and does dissolve and wash away a considerable quantity of nutritive matter, the water which sinks into the land carries these nutritive substances deeper down into the soil and deposits them in the lower portions where these roots can seize and absorb these soluable matters. Draining causes the rain to pass through a considerable thickness of soil before it runs off, and hence it causes less loss of nutritive matter than is occasioned by rain washing soil as it does in underdrained lands, carrying off to the streams and rivers much of the valuable nutritive matter that abounds on the surface.

BUCKWHEAT FOR ORCHARDS .-Buckwheat is found to be just the thing for growing in orchards. The dense shade afforded by the plant keeps the ground light and friable, and this tendency is further increased by ploughing under the green buckwheat at least once a year. If the orchard is old, it is as well not to try to grow buckwheat but keep a succession of growths through the year to be turned under when in blossom. Buckwheat is usually cheap, and needs only half a bushel per acre for seed. If allowed to ripen a crop occasionally, what is accidentally scatterred will furnish sufficient seeding. This is the cheapest mode of keeping large orchards in good condition, as the grand requisite is to keep the soil, especially the surface soil, loose. Clover injures the growth of young trees, and it takes two years to get a crop ready to plow under. Another advantage of buckwheat is, that when rightly managed, it becomes an aid in fighting the smooth and no chance for a lodge-ment of the worm on the trunk, many ment of the worm on the trunk, many five hundred students three stories will hide on the stalks of the buckwheat. Ploughing the ground before winter sets in destroys the enemy, as it winters in the pupa state, and cannot live in contact with moist earth. Where all the loose stuff, weeds and rubbish are ploughed under just before not alone because our medicine finds dey vants him doubles, dey vants him freezing, thousands of the codling moths fragrand, dey wants him nice golor, dey are destroyed, thus greatly lessening

> IRRIGATION .- The Valley of the Po, embracing Piedmont and Lombardy, is a marvel of successful irrigation. An agricultural authority estimates the irrigation surface at 1,000,000 acres. The increase on the rental produced by irrigation is, at a moderate estimate, \$5,-150,000 a year. The length of canals of irrigation in Lombardy, including the great lines and their first-class

The present winter in Great Britain is remarkable for unusual symptoms of early vegetation; and this is still more the case in France, where in some districts the season appears, by all reports, to be several weeks in advance.

The London Farmer reports that fide offer of \$21,000 for the Duchess portion of his herd.

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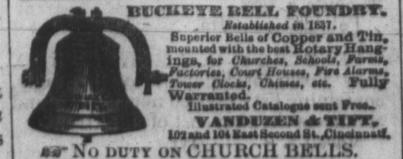
This statement is substantially a FACT based upon evidence in the possession of the agent, in the shape of numerous tes-timonials from past sufferers, in the walks of life, and particularly from some of our most respectable and trustworthy families.

DIMONAD RHEUMATIC CURE. In its history, this invaluable Medicine occupies the most honourable position pos-sible for any remedy to attain. A few years since it was known only to the friends and neighbors and patients of the proprietors, and always sought for by them whenever troubled with Rheumatism, and in this way came to the notice of physicians generally, and through their favorable expression, and its acknow ledged value as a Rheumatic Remedy, the demand for it became so frequent and urgent as to oblige its proprietors to increase their facilities for its manufacture. daily received from all sections of the United States and Canada; and in this way on a basis of its merit alone-unaidded by "tricks of the trade" or special efforts—it has risen to its present envious position. Wherever introduced it has received the most flattering preference in the treatment of all rheumatic complaints. In this we are really grateful and happy 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 doctor's bills; we carry contentment and gladness into the home of the afflicted, and consequently are remembered by millions of grateful souls.

The proprieter 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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WEDNESDAY and SATURDAY, at 8 a.m., for Annapolis, and return the same day, on the arrival of the 8.00 a.m., Express Train from Halifax.

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