

The Messenger Almanac.

May.
Full Moon, May 8th, 5h. 38m. morning.
Last Quarter, " 16th, 9h. 12m. morning.
New Moon, " 23rd, 11h. 11m. morning.
First Quarter, " 30th, 1h. 34m. morning.

Day	SUN.	MOON.	High Tide
W.	Rise.	South.	at Halifax
1 M.	4 54 17	0 A.	8 7 12 1 50
2 Tu.	5 33 7	1 120	7 59 2 16
3 W.	6 11 7	2 231	8 44 2 38
4 Th.	6 50 7	3 341	9 28 2 57
5 F.	7 29 7	4 446	10 10 3 15
6 Sa.	8 08 7	5 556	10 54 3 34
7 Su.	8 47 7	7 6 11	3 52 6 49
8 M.	9 26 7	8 11 11	4 16 7 27
9 Tu.	10 05 7	9 11 12	4 43 8 2
10 W.	10 44 7	10 10 14	1 17 5 20
11 Th.	11 23 7	11 11 15	2 8 6 2
12 F.	12 02 7	12 11 16	3 0 6 32
13 Sa.	12 41 7	1 12 17	3 31 7 51
14 Su.	1 20 8	2 13 18	4 30 8 52
15 M.	2 00 8	3 14 19	5 27 9 58
16 Tu.	2 40 8	4 15 20	6 12 10 6
17 W.	3 20 8	5 16 21	6 55 10 13
18 Th.	4 00 8	6 17 22	7 38 10 21
19 F.	4 40 8	7 18 23	8 22 10 29
20 Sa.	5 20 8	8 19 24	9 06 10 37
21 Su.	6 00 8	9 20 25	9 50 10 45
22 M.	6 40 8	10 21 26	10 34 10 53
23 Tu.	7 20 8	11 22 27	11 18 11 01
24 W.	8 00 8	12 23 28	12 02 11 09
25 Th.	8 40 8	1 24 29	12 46 11 17
26 F.	9 20 8	2 25 30	1 30 11 25
27 Sa.	10 00 8	3 26 31	2 14 11 33
28 Su.	10 40 8	4 27 32	3 0 11 41
29 M.	11 20 8	5 28 33	3 44 11 49
30 Tu.	12 00 8	6 29 34	4 28 11 57
31 W.	12 40 8	7 30 35	5 12 12 05

THE TIDES.—The column of the Moon's Southings 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 minutes 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 12 hours and to the remainder add the time of rising next morning.

BETCHER'S PICTORAL MIXTURES

FOR COUGHS, COLDS, WHOOPING COUGH, ASTHMA, &c.

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.

CERTIFICATE.
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 prevailing upon my system for over a year, and would recommend it to all who are suffering from like complaints.

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. W. 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. 1 yr.
CONSUMPTION CURED.

To the Editor of "Christian Messenger,"
ESTEEMED 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 will 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, and oblige.

Faithfully Yours,
DR. T. F. BURT,
67 William Street, New York.
Aug. 5. 20 ins.

A Gem worth Reading—A Diamond worth Saving.
SAVE YOUR EYES!
Restore your Sight!
THROW AWAY your SPECTACLES.
By reading our Illustrated PAMPHLET, AND ANATOMY OF the EYE, you will learn how to Restore Impaired Vision and Overworked Eyes, and how to cure Weak, Watery, Inflamed, and Near-Sighted Eyes, and all other diseases of the Eyes.

WASTE NO MORE MONEY BY ADJUSTING LUGG GLASSES ON YOUR NOSE AND DIGGING YOUR FACE. Pamphlet of 100 pages mailed Free. Send your address to us also.

Agents Wanted.
Gents or Ladies, \$5 to \$10 a day guaranteed. Full particulars sent free. Write immediately to

DR. J. BALL & CO., (P.O. Box 937),
No. 51 Liberty St., New York City, N. Y.
ov. 25.

AGRICULTURE.

REARING TWIN LAMBS.—Every ewe should rear at least one lamb per annum, which ewes would do, if they were fed, watered and protected properly from storms and cold weather. If sheep were fed with more intelligence and skill, almost every ewe would produce two lambs at a yearling, both of which would be reared. Fifty years ago, when almost every farm kept a few sheep, it was unusual to see a breeding ewe with only one lamb. We have in mind small flocks of ewes every one of which reared twins every season. Success will depend on intelligence and skill in selecting breeders of the most desirable characteristics, and in taking timely care of the ewes during the period of gestation and particularly at the yearling season. If ewes received proper care—paying care—a lamb would not be lost often than a calf. Ewes are more prolific than cows; and certain breeds are more prolific than others. When one lamb per ewe is not reared per annum, the proprietor may rest assured that his system of management needs to be improved.—*Practical Farmer.*

SEX PRODUCTION.—A law has been discovered by a French veterinary surgeon, Prof. Thury, of the Academy of Geneva, by which, in the case of animals, either sex can be produced at will, with almost absolute certainty. He studied the sex of the offspring with reference to the date of conception, and discovered the following almost invariable law: When the male is given at the first signs of heat in the female the result is a female; but when the male is given toward the end of the heat the result is male offspring. The reason of this law has not been definitely or satisfactorily explained, but that it is correct has been proved by numerous experiments on various kinds of animals, and especially in the case of cattle.

ROTATION OF CROPS.—The system of rotation known as the five years' course has, with judicious fertilizing, been found very successful. The lands under cultivation are allotted thus: twenty to thirty acres grass and clover, fifteen to twenty acres wheat, the same to oats, two to potatoes and three or four to other roots. The clover field will be mowed for two years, then ploughed and planted with potatoes, or wheat. In the fourth year, it will be devoted to some other general crop; in the fifth sown and seeded, and the sixth will find it again a clover field.

HOW TO FEED.—As a general rule, too much food is given, and too much of this is hay. Ten pounds of hay and twelve pounds of oats, constitute a good day's fodder for a working horse, whether the work be fast or slow. Herbert's advice in regard to feeding horses is, to give a lock of hay and a half pail of water the first thing in the morning. After grooming, give the other half pail of water, and, if he is not going out, four quarts of oats, after eating which, he may have four or five pounds of hay. If to be put to work in the afternoon, they should again be watered and have four quarts of oats and the remainder of their hay. Half a bushel of washed carrots a week, given at times, will improve the coat and be beneficial to the stomach. This feeding is ample to keep a horse in good working order.

CURING SKINS.—A method of curing skins without removing the hair is given by a correspondent in the *Fancier's Journal*. "Take soft water about ten gallons, one-half bushel of wheat bran, seven pounds of sulphuric acid. Dissolve all together, and put the skins in the solution, and allow them to remain twelve hours; take them out and clean them well, and immerse twelve more hours, or longer if necessary. The skins may then be taken out, well washed and dried. They can be beaten soft if desired."

Speaking of Sunflowers, the *Maryland Farmer* says: For absorbing malaria, and preventing diseases caused by malaria influences, for prime food for fowls, for a home remedy, sure and safe, for founder in your horses, and for market as a profitable seed to be sold for making oils, be sure to sow sunflower seed.

All interior fences should be portable and easily removed entirely and stored away when not wanted. Every farmer has long lines of fences which, for half the time, are of no use whatever.

Faded writing in ink can be restored by brushing over with a solution of sulphide of ammonium

SCIENCE.

LAYING SHINGLES.—One poor shingle will make a leaky roof. If first-rate shingles are employed, and one poor one is worked in among every 100, that roof might about as well have been without any shingles. The best of shingles will not make a tight roof, if they are not properly laid. While the same shingles would make an excellent roof if laid as shingles should be laid.

The shingles must be three thicknesses—if now and then a shingle lacks a quarter or half an inch of being long enough to make three thicknesses—there will, in all probability, be a leaky place in the roof at such points.

When buildings are erected by the job, proprietors should give their personal attention to this subject, and see that jobbers do not lay the courses a half inch too far to the weather.

Careless workmen will often break joints within half an inch of each other. When the joints of the different courses come so close together the roof will most certainly leak. Why should it not? There is nothing to prevent it during a heavy rain. Unless a roof is steeper than a quarter pitch, much care should be taken to break joints not less than one and a quarter inches. Let all workmen and helpers be taught the vast importance of rejecting every poor shingle.

DURABLE WHITEWASH.—Slack half a bushel of good lime with boiling water, keeping it covered during the slacking. Strain it, and then add to it a peck of salt dissolved in warm water, three pounds of ground rice ground to a thin paste and boiled, half a pound of Spanish whiting, and a pound of clean glue previously dissolved in a glue pot; then add five gallons of hot water to the mixture. Stir well and let it stand for a few days covered from dirt. It should be put on hot, for which purpose it should be heated in a kettle or portable furnace. It will do for both inside and outside walls and will retain its brilliancy for years. It will do for wood, brick, or stone.

TO CLEAR OLD PORK BARRELS.—Old pork barrels whether tainted or sweet, should be thoroughly cleansed before being used for new pork. A very simple and effectual method is to put in a peck of strong wood ashes and a couple of pails of water, and let it stand a day or two; then scour thoroughly with a stiff corn broom. The lye will take hold of all the greasy particles with which it comes in contact, and the ashes, water and broom will, if vigorously used, leave them as sweet as new barrels. Rinse in cold water to remove all the ashes, then pour boiling water all around the sides and wash clean; now rinse again in cold water and the work is done.

A Canadian has invented a machine for making paper boxes directly from the pulp. They can be made plain or embossed with nearly equal facility, and the whole operation of converting the pulp into the finished box is done automatically, at a great saving of time and labour. Collar boxes of the ordinary size are turned out at the rate of three hundred and fifty an hour.

Two magnificent sphinxes, buried beneath a thick layer of earth, have recently been brought to light on the site of ancient Rameses. They are covered with inscriptions, and with two other figures previously discovered, seem to have formed part of an avenue leading to a temple, referred to in the inscriptions.

THE INFLEXIBLE new British ship of war lately launched at Plymouth has iron armor two feet thick. The ship is 320 feet long and 75 feet wide and is to carry two 81-ton guns. These guns will have an exterior diameter of 6 feet, 24 feet length, and 16 inches caliber. The projectile weighs 1,650 lbs., over a barrel of powder (300 lbs.) is the firing charge. The vessel's engines will be of 7,000 horse power, operating on twin screws. The hull will have 127 watertight compartments. Altogether the Inflexible is the most wonderful specimen of naval architecture ever undertaken.

The London *Builder* recommends people who transplant trees to mark the north side of each tree with red chalk before it is taken up and replace it in its natural position. A larger proportion will then live, as in ignoring this law of nature transplanted trees generally perish.

10 DECALCOMANIE,
OR TRANSFER PICTURES,
with book of 24 pp., giving full instructions in this new and beautiful art, sent post-paid for 10 cts., 100 ass'td pictures, 50 cts. They are Heads, Landscapes, Animals, Birds, Insects, Flowers, Autumn Leaves, Comic Figures, &c. They can be easily transferred to any article so as to imitate the most beautiful painting. Also 5 beautiful GEM CHROMOS for 10 cts.; 50 cts. Agents wanted.
Address: J. L. PATTEN & CO.,
162 William Street, New York.
Jan. 12. 6m.

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Organs and Pianos,
MELVERN SQUARE,
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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.
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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. 60 & 71 Granville St., Halifax.
April 15.

For Consumption

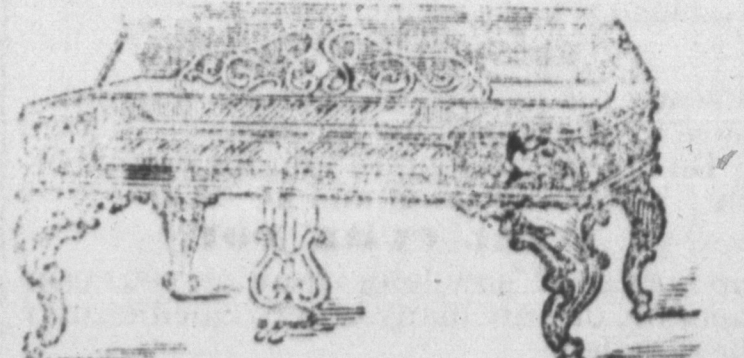
And all diseases that lead to it; such as COUGHS, NEGLECTED COLDS, BRONCHITIS, PAIN IN THE CHEST, AND ALL DISEASES OF THE LUNGS.

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.



Superior Pianos,

IN VARIOUS STYLES.
UPRIGHT, OBLIQUE, SQUARE, ETC.
With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of

THE "SILVER TONGUE."
A very fine toned CABINET ORGAN, by Carhart and Needham, N. Y.

The above are offered to a discriminating public at moderate prices,
WM. FRASER & SONS,
June 1. 70 & 72 Barrington St.

VEGETABLE PULMONARY BALSAM.

THIS standard remedy for coughs and colds and other pulmonary and bronchial ailments, was first put before the public in 1826 and ever since then, a period of half a century it has maintained and increased its reputation.

In the meantime, probably thousands of so-called cough remedies, under every conceivable name, have appeared, been puffed, and their day, and most of them sank into the oblivion from which they never should have emerged to cheat invalids with false hopes of cure.

Though no inalienable virtues are claimed for this medicine it is just to say that it possesses the following excellencies:—
1. On many cases of cough it exerts an almost specific remedial influence, and the cases are very few when it quite fails to benefit. Long standing cases and those of aged persons are almost always greatly relieved.
2. Its action is speedy and pleasant; its taste is not disagreeable; and its dose is small. The last point is sure to be appreciated by the invalid.
3. It has received medical sanction, and has been frequently prescribed by some of our leading physicians.

Add to the above that, when the smallness of its dose is considered, it is even cheaper than the common 25 cent Cough Drops and Syrups, of the Druggists.

This remedy has held its way and attained its present reputation by its own merit, with little aid from advertising. It has an established sale, and those who know it will always use it when they need such aid.

But while our climate remains what it is, the army of sufferers from throat and lung complaints will always be a large one, and continually reinforced by new recruits. That all such may be acquainted with this reliable medicine is the aim of this advertisement.

Price 50 cents and \$1.00 per bottle.
CUTLER BROTHERS & CO.,
Proprietors, Boston.
AVERY, BROWN & CO.,
Agents, Halifax
March 16. 3m.

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published by the Baptist Publication Society, may be obtained at the
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CHEAP EDITION.—Square 18 mo. Clear Agate type. 1,000 Hymns for 50 cents. Bound in morocco.

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The Hymns of the Baptist Hymn-Book adapted to music. It contains 325 of the BEST STANDARD TUNES IN THE WORLD. This book has no equal as a Hymn and Tune Book.

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It is strongly and beautifully bound in the finest English Muslin and best style, with red edges—special attention is given to the strength of the binding.

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No. 71 GRANVILLE ST., HALIFAX.
Sept. 16.

C. L. WEEKS,
LONDON HOUSE BUILDING,
WATER STREET, WINDSOR.

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

KIDDER'S PASTILLES Sure relief for ASTHMA. Price 40 cts. by mail. Stowell & Co. Charlottetown, Mass.
Oct. 6.

TO SABBATH SCHOOL TEACHERS.

100 Copies

THE
SABBATH SCHOOL LESSONS,
for the year 1876, sent, postage paid, to any part of the Dominion of Canada or the United States for 50 cents.

Christian Messenger Office
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Feb. 16. Halifax, N. S.

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DIAMOND RHEUMATIC CURE.

Effectually curing hundreds of our Nova Scotia citizens from that terrible malady
RHEUMATISM.

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

DIAMOND RHEUMATIC CURE.

In its history, this invaluable Medicine occupies the most honourable position possible 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 acknowledged 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.

Its reputation rapidly extended, and soon orders, letters of enquiry, letters of thanks, and certificates of praise were daily received from all sections of the United States and Canada; and in this way on a basis of its merit alone—unaided by "tricks of the trade" or special efforts—it has risen to its present enviable 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 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 unoccupied. 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 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 disease.

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

FORSYTH & CO., Halifax.
General Agent for N. S., and C. B.

Oct. 28.

THE CHRISTIAN MESSENGER

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