

## The Messenger Almanac.

June.

Full Moon, June 6th, 8h. 23m. afternoon.  
 Last Quarter, " 14th, 11h. 0m. "  
 New Moon, " 21st, 6h. 2m. "  
 First Quarter, " 28th, 11h. 0m. morning.

D.	SUN.	MOON.	High Tide
M.	Rise Sets.	Rises South. Sets. at Halifax	
1 Th.	4 22 [7] 33	2 40	8 10 1 21 2 24
2 F.	4 21 [7] 34	3 46	8 52 1 40 3 32
3 Sa.	4 21 [7] 35	4 53	9 36 1 58 4 37
4 Su.	4 21 [7] 35	6 1	10 24 2 19 5 30
5 M.	4 20 [7] 36	7 6	11 12 2 47 6 17
6 Tu.	4 20 [7] 37	8 7	3 18 7 2
7 W.	4 19 [7] 38	9 2	0 3 3 59 7 42
8 Th.	4 19 [7] 38	9 49	0 54 4 46 8 19
9 F.	4 19 [7] 39	10 26	1 46 5 43 8 53
10 Sa.	4 19 [7] 40	10 58	2 35 6 44 9 29
11 Su.	4 19 [7] 41	11 22	3 23 7 48 10 5
12 M.	4 18 [7] 41	11 42	4 8 8 54 10 41
13 Tu.	4 18 [7] 41	M.	4 51 10 1 11 19
14 W.	4 18 [7] 42	0 1	5 34 11 7 A. 5
15 Th.	4 18 [7] 42	0 18	6 16 A. 14 0 54
16 F.	4 18 [7] 42	0 38	6 59 1 22 1 48
17 Sa.	4 18 [7] 43	0 57	7 46 2 35 2 49
18 SU.	4 18 [7] 43	1 21	8 37 3 53 5 55
19 M.	4 19 [7] 44	1 51	9 34 5 14 4 56
20 Tu.	4 19 [7] 44	2 37	10 36 6 35 5 52
21 W.	4 19 [7] 44	3 35	11 43 7 51 6 46
22 Th.	4 19 [7] 44	4 49	A. 52 5 55 7 41
23 Fr.	4 19 [7] 44	6 10	1 56 9 42 8 35
24 Sa.	4 19 [7] 44	7 34	2 56 10 18 9 27
25 SU.	4 19 [7] 44	8 55	3 30 10 45 10 20
26 M.	4 20 [7] 44	10 10	4 38 11 6 11 11
27 T.	4 21 [7] 45	11 21	5 24 11 27 M.
28 W.	4 21 [7] 45	1 31	6 8 11 45 0 2
29 Th.	4 22 [7] 45	1 39	6 51 M. 0 51
30 Fr.	4 22 [7] 44	2 46	7 35 0 3 1 42

THE TIDES.—The column of the Moon's Sothing gives the time of high water at Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tidemontine, 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 CORNWALL STREET,  
Halifax, N. S.

CERTIFICATES.

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. 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. 26 ins.

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Nov. 25.

### AGRICULTURE.

#### When the Cows come Home.

When kling, klangle, klingle,  
 Far down the dusky dingie.  
 The cows are coming home;  
 Now sweet and clear, and faint and low,  
 The airy tinklings come and go,  
 Like chimings from the far-off tower,  
 Or patterings of an April shower  
 That makes the daisies grow;  
 Ko-ling ko-lang, kolengelingle,  
 Far down the darkening dingie,  
 The cows come slowly home.  
 And old-time friend and twilight plays,  
 And starry nights and sunny days,  
 Come trooping up the misty ways,  
 When the cows come home.

With ringle, rangle, ringle,  
 By twos and threes and single,  
 The cows are coming home.  
 Through violet air we see the town,  
 And the summer sun a-slipping down,  
 And the maple in the hazel glade  
 Throws down the path a longer shade,  
 And the hills are growing brown;  
 To-ring, to-ring, toringleringle,  
 By threes and fours and single,  
 The cows come slowly home.  
 And over the poplars Venus shines,  
 And over the silent mill.  
 Ko-ling, ko-lang, kolengelingle,  
 With a ting-a-ling and jingle,  
 The cows come slowly home.  
 Let down the bars; let in the train  
 Of long-gone songs and flowers and rain,  
 For dear old time comes back again  
 When the cows come home.

FRUIT STATISTICS.—Never having noticed any extracts from the census of 1871 in your columns, on the growth of fruit in the Dominion, and believing such figures would be interesting to the general public, especially to those who had proposed exhibiting at the Philadelphia Centennial this summer, the following facts are submitted:

FRUIT.	Ontario.	Quebec.	New Brunswick.	Nova Scotia.
Apples, bushels.	5,486,204	409,903	126,395	342,513
Grapes, pounds.	1,028,431	88,000	1,705	8,167
Other fruits, bush.	242,872	100,878	2,471	12,736

It is found that Essex grows the most grapes, that country producing 217,862 pounds. Elgin the most apples, 240,252 bushels. Halton the most other fruits, 25,045 bushels, probably principally strawberries and gooseberries from Oakville.

It will be noticed that Ontario stands a long way ahead of the other provinces on the list, and this fact should be widely circulated as showing more forcibly than anything else the adaptability of her climate for settlement. It is greatly due to the Fruit Growers' Association of Ontario that fruit trees have been distributed into every county of this Province, and it would have been well had some substantial assistance been rendered this society by the Government, to enable them to make a creditable display of these productions at the world's fair. Many a time has the writer been in the markets of Liverpool and Covent Garden, but, strange to say, no Canadian fruits are quoted there. All apples from this continent are called "American," a term synonymous with United States, so that Canada gets no credit for its products, although we have already shown at the Boston Exhibition in 1874 we can beat any State in the Union, having carried more prizes than any of them.

P. E. BUCKE.

Canadian Farmer.

Speaking of sunflowers, the Maryland Farmer says: For absorbing malaria, and preventing diseases caused by malarial 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 from place to place, and 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.

SULPHUR FOR FRUIT TREES.—A correspondent writes to the Country Gentleman that he has driven thousands of caterpillars from apple trees in less than thirty-hours, by plugging sulphur in the body, and supposed it was by tainting the sap and making the leaves distasteful.

### SCIENCE.

JOINING TWO SEAS.—An American engineer, named Spalding, has laid before the Russian government a project for letting the water of the Black Sea into the Caspian, so as to raise the latter to the level of the Mediterranean. It has long been known that the Caspian Sea is lower than the Mediterranean, the difference being variously estimated at 40 to 350 feet. Mr. Spalding's proposal is to unite the River Don with the Volga by a canal 70 miles long, and to reverse the current of the lower part so that the water of the Black Sea shall also flow through the canal, and so into the Caspian. Mr. Spalding believes that his project would add nearly one-half to the area of the sea, which has for a long time been shrinking and drying up, and would modify the character of the climate on its borders, which is now extremely arid, besides affording valuable inland communication.

MARVELLOUS OPERATION.—Some time ago a young man living in Paris swallowed a fork. It was rather a difficult article to digest, and the patient was gradually wasting away in the effort to get rid of it. But recently an operation was performed at one of the hospitals for extracting the fork from the stomach, which, wonderful to relate, proved entirely successful. Baron Larrey, and Drs. Labbe, Lepere, and Professor Gosselin undertook the delicate task of cutting an opening through the coats of the stomach, and introducing an instrument to grasp the fork. The operation was a long and laborious one, arising from hemorrhage, but after two hours was safely accomplished, and the young man is reported to have completely recovered.

IRON SHEETS THINNER THAN PAPER.—We have heard of iron as thin as paper, but have just had a packet of specimen ironsheets brought to our office, not half as thick as the sheet this is printed on. This sheet is 0.004 inch in thickness; the iron sheets we have received are 0.0015 inch thick, or only three-eighths of the thickness of the paper. At the same time the iron sheets are so tough as to be torn with difficulty, and so flexible as to bend with almost the facility of ordinary printing paper. These wonderful specimens of iron were made from the rough pig, up to the rolled sheets by our neighbors, the Pearson and Knowles Coal and Iron Company, whose skillful manager, Mr. Hooper, discovered a means of rolling these infinitesimally thin sheets in numbers without their sticking together.—*Warrington (England) Guardian.*

TO WHITEN DISCOLOURED FLANNEL made yellow by age, dissolve one and a half pounds of white soap in fifty pounds soft water, and also two-thirds of an ounce spirits of ammonia. Immerse the flannel, stir well around for a short time, and wash in pure water.

An infusion of hay will keep the natural colour in buff linens, and an infusion of bran will do the same for brown linens and prints.

APPLE BUTTER.—The following is a good receipt for making apple butter:—Pare, quarter and core one-half bushel of sour apples. Put them on to cook, with water enough to cook them, until they become soft. Then add two quarts of molasses, one quart of sugar, one quart sweet cider or one-half pint of boiled cider, one tablespoonful each of ground cinnamon, cloves, and allspice; cook three hours, stirring it continually. This makes an excellent sauce, and if well cooked will keep the year round. For a larger quantity it will require more cooking.

BEEF TEA.—One pound of beef cut into small pieces; put into a jar without a drop of water, cover tightly, and set in a pot of cold water. Heat gradually to a boil, and continue this steadily for three or four hours until the meat is like white rags and the juice is all drawn out. Season to taste with salt; when cold, skim.

FOR COCKROACHES.—Powdered borax scattered over places where they love to congregate. Get it finely powdered at the druggist's, and your houses will be clear of these pests.

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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.

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Jan. 12. 6m.

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