

## The Messenger Almanac.

September.									
Full Moon, Sep. 2nd, 4h. 59m. afternoon.									
Last Quarter, " 11th, 9h. 9m. morning.									
New Moon, " 17th, 5h. 40m. afternoon.									
First Quarter, " 25th, 7h. 49m. morning.									
Day	SUN.	MOON.	High Tide						
Rise.	Set.	Rise.	South.	Set.	at Halifax				
1. F.	5 26 6 34	5 57 10 45	2 28	6 5	6 5				
2. Sa.	5 27 6 32	6 18 11 29	3 33	6 51	6 51				
3. Su.	5 28 6 30	6 37 M.	4 40	7 26	7 26				
4. M.	5 30 6 28	6 55 0 12	5 47	8 1	8 1				
5. Tu.	5 31 6 26	7 12 0 54	6 52	8 30	8 30				
6. W.	5 32 6 24	7 31 1 36	8 0	9 31	9 31				
7. Th.	5 33 6 23	7 53 2 19	9 11	10 4	10 4				
8. F.	5 34 6 21	8 21 3 0 10	10 25	10 36	10 36				
9. Sa.	5 35 6 19	8 42 3 49	11 39	11 12	11 12				
10. Su.	5 37 6 17	9 51 4 38	12 56	11 56	11 56				
11. M.	5 38 6 15	10 55 5 29	A. 54	12 57	12 57				
12. Tu.	5 39 6 13	11 5 6 4 0	2 17	1 53	1 53				
13. W.	5 40 6 11	11 31 6 5 4	3 39	2 46	2 46				
14. Th.	5 41 6 10	12 10 6 5 7	5 31	3 39	3 39				
15. F.	5 42 6 8	12 42 6 5 2	6 29	4 36	4 36				
16. Sa.	5 44 6 6	1 12 6 5 2	7 16	5 32	5 32				
17. Su.	5 45 6 4	1 42 6 5 2	8 33	6 29	6 29				
18. M.	5 46 6 2	2 12 6 5 2	9 44	7 26	7 26				
19. Tu.	5 47 6 0	2 42 6 5 2	10 51	8 23	8 23				
20. W.	5 48 5 58	3 12 6 5 2	11 56	9 20	9 20				
21. Th.	5 50 5 56	3 42 6 5 2	12 59	10 17	10 17				
22. Fr.	5 51 5 55	4 12 6 5 2	1 50	11 14	11 14				
23. Sa.	5 52 5 53	4 42 6 5 2	2 42	12 11	12 11				
24. Su.	5 53 5 51	5 12 6 5 2	3 34	1 8	1 8				
25. M.	5 54 5 49	5 42 6 5 2	4 26	2 5	2 5				
26. Tu.	5 56 5 47	6 12 6 5 2	5 18	3 5	3 5				
27. W.	5 57 5 45	6 42 6 5 2	6 10	4 5	4 5				
28. Th.	5 58 5 43	7 12 6 5 2	7 2	5 5	5 5				
29. Fr.	5 59 5 41	7 42 6 5 2	8 14	6 5	6 5				
30. Sa.	5 5 5 39	8 12 6 5 2	9 26	7 5	7 5				

**THE TIDES.**—The column of the Moon's Southings gives the time of high water at Pictou, 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.

**CERTIFICATES.**  
HALIFAX, March 10th, 1873  
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 ever a year, and would recommend it to all who are suffering from like complaints.

JOHN N. DEARBORN.

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. E. BURT,

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Aug. 5. 26 ins.

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ov. 25.

## SCIENCE.

**A CHEAP CARPET.**—Have you a spare bed chamber seldom used which you would like to carpet at a little expense? Go to the paper hanger's store and select a paper looking as much like a carpet as you can find. Having taken it home, first paper the floor of your bed-room with brown paper or newspaper. Then over this put down your wall paper. A good way to do this will be to put a good coat of paste upon the floor the width of the roll of paper and the length of the room, and then lay it down, unrolling and smoothing at the same time. When the floor is all covered, then size and varnish; only dark glue and common furniture varnish may be used and the floor will look all the better for the darkening these will give it. When it is dry put down a few rugs by the bedside and before the toilet table and you will have as pretty a carpet as you could wish—a carpet, too, that will last for years if not subject to constant wear, and at a trifling expense. I, myself, used a room one entire summer prepared in this way—used it constantly; and when the house was sold in the Fall, the purchaser asked me to take up the oil cloth, as he wished to make some alterations which would be sure to injure it!

**FOOD FACTS.**—It has been observed that a small quantity of beef tea, added to other articles of nutrition, augments their power out of all proportion to the additional amount of solid matter.

The saying that an egg is equivalent to a pound of meat is a mistaken notion. It is a question whether, weight for weight, eggs are equal to beefsteak. With many persons, particularly of nervous or bilious temperament, eggs disagree. Almost any one can eat an omelet who would find a pound of meat superfluous, yet the former may contain several eggs.

The nutritive power of milk, and of the preparations from milk, is very much undervalued; since there is nearly as much nourishment in half a pint of milk as there is in a quarter of a pound of meat. Hence, milk might be taken as a sort of representative diet, and as better adapted to sustain the body in health, or to strengthen it in sickness, than any other single article of food.

**RUBBER SHOE MAKING.**—Among the interesting processes shown in the Centennial is the making of india-rubber shoes. The operation consists in stretching flat patterns upon lasts until they take shape. Machinery for purifying the rubber, by passing it between toothed rollers under water, and for rolling in into sheets, is shown in operation.

To the list of substances capable of furnishing illuminating gas of good quality, cork is now to be added. Works for burning corks have already been established. The fragments, principally waste left after cutting bottle stoppers, are distilled in a close retort. The flame obtained is stated to be whiter and more brilliant than that of coal gas, while the blue zone is much smaller, and the density considerably greater.

The French Minister of public instruction has authorized the director of the Paris Observatory to proceed with the construction of an immense telescope, the design of which has been approved. The instrument, which will be one of the most powerful of its kind ever made, is to be completed in two years. The tube will be no less than 56 feet 8 inches in length.

Lamps are liable to explode when trimming is neglected. The wick being charred low down in the tube, the flame obtains access to the oil below.

**INSANITY AND THE MOON.**—The deleterious influence of the moon upon the insane is (says the *English Mechanic*) merely a popular superstition, unsustained by any satisfactory evidence. Dr. Olbers affirmed that "in the course of a long medical practice he was never able to discover the slightest trace of any connection between the phenomena of disease and the phases of moon."

**STORMS** travel less rapidly over the ocean than over the continents. This is proved by the fact that the average velocity of storms over the United States, as deduced by Prof. Loomis from 485 cases, is 26 miles per hour, and over the Atlantic, deduced from 134 cases, is 19.3 miles per hour, and the average velocity of European storms as deduced by Prof. Mohn is 26.7 miles per hour.

## AGRICULTURE.

**WHY SEEDS FAIL.**—In the first place, we will examine the causes of failure. If small seeds are planted too deep, they either rot in the damp, cold earth, for the want of the warmth necessary to their germination, or after germination, perish before the shoots reach the sun and air; so that which was designed for their support and nourishment proves their grave.

If the soil is a stiff clay, it is often too cold at the time the seeds are planted to effect their germination; but it must be understood that warmth and moisture are necessary to the germination of seeds. Neither of these will do alone. Seeds may be kept in a warm dry room, in dry sand or earth, and they will not grow. They may be placed in damp earth, and kept in a low temperature, and they will most likely rot, though some seeds will remain dormant a long time under these circumstances. But place them in moist earth, in a warm room, and they will commence at once. Another difficulty with heavy soil is that it becomes hard on the surface, and this prevents the young plants from "coming up," or, if during showery weather, they happen to get above the surface, they become locked in and make but little advancement unless the cultivator is careful to keep the crust well broken; and in doing this the young plants are often destroyed. If stiff, the soil where small seeds are sown should be made mellow, particularly on the surface, by the addition of sand and light mould.

If seeds are sown in rough, lumpy ground, a portion will be buried under the clods, and will never grow; and many that start, not finding a fit soil for their roots, will perish. A few may escape these difficulties and flourish.

**HOW TO TREAT CROWS.**—It is gratifying to see that the poor crow which only a few years ago everybody's hand was against, turns out to be one of the most valuable birds for the farmer we have. Their only sin is in eating the newly-planted grains of corn; but this can be wholly obviated by taking half a peck of corn for field, soaking it well and scattering it over an adjoining field. Crows never eat any hard grain, but will bury it until it becomes soft, as we have often seen them do. But they at all times prefer worms, beetles, &c., when they can be obtained, and devour immense numbers of them.

Corn-fed hens do not lay in the winter for the simple reason that there is no albumen material in the corn. When wheat is given to them there is fat enough in it to supply all that is needed for the yolk, and albumen enough to make the shell; it does not thus seem difficult to understand why corn-fed hens should not lay, as they do not, and why wheat-fed hens should lay, as they do.

A new industry, that of drying eggs, has been set on foot at Passau, on the Danube, and the Prussian military authorities are about to give the product a trial for soldiers' rations. The *London News* says several German chemists are very sanguine as to the success of the experiment, and they pronounce dried eggs to have lost none of their valuable properties by the gradual evaporation of the water contained by them in the original state.

The toad, almost universally despised and upbraided for his ugliness, is yet a useful, good-natured, quiet fellow, who recognizes his friends and those who are kind to him. Like the sparrow, the toad has been considered a nuisance, and in some sections has been exterminated; but the exterminators have been only too glad afterwards to get him back by the expenditure of large sums of money. So useful are toads in gardens that they are sold in France by the dozen, for the purpose of stocking gardens to free them from many injurious insects. The toad lives almost entirely on winged insects, and never does harm to plants.

**BEEF CAKES.**—Chop pieces of roast beef very fine, mixed in grated bread crumbs in proportion of one-third crumbs to two-thirds beef; season with pepper, salt, chopped onions and parsley; moisten with a little of the drippings or catsup; a little cold ham or tongue will improve them; make in flat cakes, and spread a coat of mashed potatoes on the top and bottom of each. Lay a piece of butter on every cake, and set in a quick oven to brown. Other cold meats may be prepared in the same way.

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No. 69 & 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.

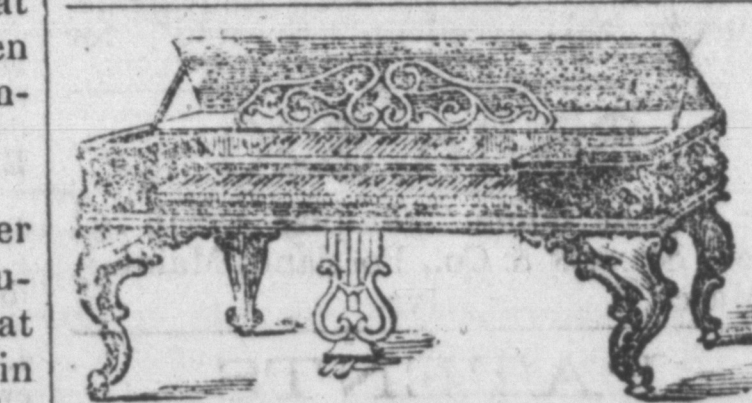
## ALLEN'S LUNG BALSAM

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.

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IN VARIOUS STYLES.

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## 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.

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## 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, had 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 infallible virtues are claimed for this medicine it is but 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 which 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 15.

3m.

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