### The Messenger Almanac.

JUNE, 1881.

First Quarter, June 4th, 11h. 5m. A.
Full Moon, 12th, 2h. 42m. M. Last Quarter, 18th, 5h. 4m. A. New Moon, 26th, 9h. 50m. M.
Day Rise.Sets. Rises. South. Sets. at Halifax
1   W.   4   22   7   33   8   41   3   43   10   45   10   33   2   Th.   4   21   7   34   9   40   4   26   11   12   11   8   3   Fr.   4   21   7   35   10   41   5   9   11   37   11   48   4   5a.   4   21   7   35   11   42   5   51   11   59   M   5   SU.   4   20   7   36   A.   43   6   33   M   0   32   6   M.   4   20   7   37   1   48   7   18   0   23   1   23   7   Tu.   4   19   7   38   2   25   5   8   4   0   48   2   19   8   W   4   19   7   38   4   3   8   55   1   13   3   25   9   Th.   4   19   7   39   5   15   9   54   1   47   4   29   10   Fr.   4   19   7   40   6   25   10   50   2   27   5   28   11   Sa.   4   19   7   40   6   25   10   50   2   27   5   28   11   Sa.   4   19   7   40   7   31   11   52   3   15   6   21   12   SU.   4   18   7   41   9   16   0   55   5   23   8   1   14   Tu.   4   18   7   42   10   30   2   55   7   53   9   39   16   Th.   4   18   7   42   10   30   2   55   7   53   9   39   16   Th.   4   18   7   42   10   58   3   50   9   10   10   29   17   Fr.   4   18   7   43   11   26   4   41   10   24   11   19   18   Sa.   4   18   7   43   11   53   5   31   11   36   A.   10   19   Su.   4   19   7   44   0   21   7   7   1   53   1   59   21   Tu.   4   19   7   44   0   21   7   7   7   1   53   1   59   21   Tu.   4   19   7   44   0   21   7   7   7   1   53   1   59   21   Tu.   4   19   7   44   0   21   7   7   7   1   53   1   59   21   Tu.   4   19   7   44   2   3   9   35   5   7   5   18   24   Fr.   4   20   7   44   2   48   10   26   6   4   6   6   18   25   Sa.   4   20   7   44   3   38   11   16   6   54   7   8   26   Su.   4   20   7   44   3   38   11   16   6   54   7   8   26   Su.   4   20   7   44   3   38   11   16   6   54   7   8   26   Su.   4   20   7   44   3   38   31   39   8   47   9   5   5   30   Th.   4   22   7   44   8   32   4   6   9   40   10   14   30   Th.   4   22   7   44   8   32   4   6   9   40   10   14   30   Th.   4   22   7   44   8   32   4   6   9   40   10   14   30   Th.   4   22

THE TIDES. -The column of the Moon's Southing gives the time of high water at Parreboro, 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. A Westport, 2 hours 54 minutes LATER. A 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 of rising next morning.

obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located in Washington, directly opposite the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ "associate attorneys." We make preliminary examinations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and Patents are invived to send for a copy of our "Guide for obtaining Patents," which is sent free to any address, and contains complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Legations, at Washing on; Hon. Jos. Casey, late Chief Justice, U.S. Court of Claims, to the Officials of the U.S. Patent Office, and to Senators and Members of Congress from every State. Address: LOUIS BAGGER & CO.,

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### SCIENCE.

According to a statement made by States. Speech was recently transmitted from Tours to Brest, a distance of 800 miles. The suggestion is here thrown in that the telephone must of necessity be some day applied to the ocean cable service, and then on applying the ear to the instrument in Toronto we may listen to the roar of a great battle in Europe. But does it not seem positively awe-striking that man should have found a means of transmitting his voice to indefinite distances? If ten years ago it had been said that the day would come when the voice of a speaker in Toronto could be recognized in New York, the statement would have been scouted as the ravings of a lunatic.

A deposit of natural coal tar has been found near Fexburg, Pa. As no similar discovery was ever made in any other country, is it not probable that the finders have hit upon the site of an ancient gas-work belonging to the Moundbuilders or the Aztecs? Probably those respectable people used to prohibit their gas companies from befouling streams with their tar, and, as it is to be presumed the uses of tar in conjunction with feathers had not then

have constructed a lamp of 100,000 candle-power, which has been successfully tested at their manufactory in Cleveland, U. S. A. This is the largest and most powerful lamp that has hitherto been made, and is, the Electrician believes, intended for use in our navy. The carbons are 21in. in diameter, and the motive power required is 40 h. p.

Mr. Darwin has a new book nearly ready. Its title is "The Formation of Vegetable Mould through the Action of Worms, with Observations on their Habits." Mr. Murray is the pub-

The two bronze sphinxes for erection at the base on each side of Cleopatra's Needle on the Thames Embankment, are now in a forward state of advancement, one being already finished and cast from the foundry. It is the largest bronze ever produced in one solid piece, larger than the Nelson lions, which were cast in twenty-seven parts and riveted together. Each sphinx when completed will be 19ft. long, 6ft. wide, and 9ft. high, and will weigh about seven tons.

A French company has signed an agreement with the the Porte for the construction of twenty-five light houses in the Red Sea.

May is the month in which the eggs of the clothes-moth are deposited; so, early in the month, all garments of wool or fur ought to be wrapped up and put away for the summer. If each article be wrapped up in several thicknesses of paper, how can the mother moth deposit her eggs upon the clothes; and, if she cannot do that, how can the larvæ do any michief? Of what use are camphor, tobacco and other bad smelling stuffs if the above precaution be taken? The good sense of our readers will suggest a proper answer to all the above questions. If the turs and woolens are not put away until the meths are noticed flying about, great watchfulness, and frequent examination of every article will be needed during the season, to be sure that the pest is not playing havoc in closets and chests. -Farm Journal.

Oil-cloths which are varnished as often as once a year will last much longer than if left unvarnished. Wash the the cloth clean, wipe it dry, and apply a coat of coach varnish, taking care not to step on it until it is thoroughly dry.

A young lawyer wished to cite an authority on a case he was conducting, and not being able to remember it, his opponent witily remarked, "Though lost to cite to memory dear.',

### VARIETIES.

A young man wrote that he wanted Professor Bell, it is but five years and to become an editor, and this was the a quarter since articulate speech was encouragement that he received :first transmitted by telephone. Yet in " Canst thou draw up a leviathian with the short time that has elapsed since a hook thou lettest down? Canst thou January 15, 1876, the exact date of hook up great ideas from the depth of the discovery, the telephone has come thy intellect, and clean and scale and into daily use in all civilized countries, try them at five minutes notice? Canst At 8.30 a. m.-Express for St. John, Picas well as in Egypt, China, and other thou write editorial as they may be to places not usually included in the term | wanted to measure? Canst thou write civilized. Only one city in the United an editorials to fit in a three-quarter States is now without a telephone column of the paper which shall have exchange. There are 408 of such ex- three inches of fine sentiment four changes, and 132,692 in use in the inches from the beginning nine inches of humour in the middle, and outburst of maxim and precept nine and threequarter inches at the close?"

A gentleman calling on a worthy farmer and Baptist deacon, observed :-"Mr. Jones, your clock is not quite right, is it?" "Well, you see, sir," said Mr. Jones, "nobody don't understand much about that clock but me. When the hands of that clock stands at twelve then it strikes two, and then I knows it's twenty minutes to seven."

"I want five cents' worth of starch," said a little girl to a grocer's clerk. the clerk asked, "What do you want five cents' worth of starch for?" "Why, for five cents, of course," she answered. And the clerk concluded to attend to his own business.

A lady had a favorite lap-dog which she called Perchance. "A singular name," said somebody, " for a beautiful pet ,madam. Where did you find it?" "Oh," drawled she, "it was named after Lord Byron's dog. You remember where he says Perchance my dog will howl."

The following recipe for eloquence been discovered, the companies had no is given by a Western orator .... Get resource but to bury the tar. Hence yourself chock full of the subject, knock out the bung and let Nature caper."

Drill sargent about to call the roll-The Bush Electric Light Company "Those that are peresent will answer 'Here!' and those that are not present will answer 'Absent!"

"Why, Jennie, you foolish girl, come into the house. What are you out in the snow for, without wraps?" Oh, nothing much, ma. You see, Augustus has just called, and here are his footprints in the snow. I'm measuring to get the right size for those slippers, and do you know I don't believe I've got half enough cloth in them."

" Madame,', said old Roger to his boarding house keeper, "in primitive countries beef is often the legal tender. but madame," said he, emphatically thrusting his fork into the steak, "all the law in Christendom couldn't make this beef tender."

A medical student says that he has never been able to discover the bone of contention, and desires to know if it is not near the jawbone.

### HEALTH HINTS.

FLAXSEED AS MEDICINE, -Flaxseed is obtained from the fruit capsule of the common flax, In commerce there are several preparations from the seeds. Oil-meal or ground oil-cake is the material that is left after the seeds are ground and the oil pressed out. Flaxseed meal is the name given to the ground seeds (oil not pressed.) Raw linseed oil is the product of the expressed seeds. Flaxseed and its products have similar medicinal properties, demulcent and emollient. The seed and ground seed of course are stronger than the oil cake. Oil-cake is a very excellent addition to other foods for cattle that are being milked or fattened, containing, as it does as large quantity of nitrogenous or flesh-forming substances. The following is an analysis of oilcake:-

Water	10.05
Mucilage	39.10
Albumen and glutten	22.14
Oil	
Husk	9.53
Ash, sand, etc	7.25

100.00 The effect on cattle by the feeding of oilcake depends upon the quantity, and that of the other foods, and on the judgment of the man who feeds. However, it adds to the flesh, looks, and general thrift of the animal, if properly used. It should not be fed in large quanties at first, but begin with a little mixed with other food, such as bran or chaff, and increase the quantity every few days until the desired amount is reached. It can be fed alone, but is better mixed with other foods for general purposes. The quantity depends upon size, age, condition, etc., of animal, the effort desired and the kind and quantity of other foods.

## INTERCOLONIAL BAILWAY.

WINTER ARRANGEMENT.

TRAINS leave Halifax daily (Sunday excepted) as follows:— (Halifax time.)

tou, Quebec. At 1.15 p.m. - Accommodation for Pictou. At 5.30 p. m.-Accommodation for Truro. At 3.00 p. m.—Express for St. John and

WILL ARRIVE :--

At 9.15. a. m. - Accommodation from At 12.55 a. m.,—Express from Quebec and from St. John.
At 3.00 p. m.—Accommodation from Pic-At 8.30 p. m.-Express from St. John.

Windsor and Annapolis

Spring Arrangement-Commencing Monday, April 4th, 1881.

Railway.

The following is according to Railway Time. Halifax times is 15 minutes later.

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1	Halifax	Leave	A. M. 7 45	7 45	Р м. 3 00
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discourse	Windsor, Halifax	Arrive	8 15	The Bridge	6 27 8 25

Steamer "Empress" leaves St. John at 8a. m. every Monday, Wednesday and Saturday for Digby and Annapolis, and returns the same days, on arrival of 7.45 a. m. Express Train from Halifax.

### HALIFAX and CAPE BRETON RAILWAY.

Leaves Antigonish at 9 a.m., and New Glasgow at 2.30 p. m. Arrives at New Glasgow at 11.00 a. m., and at Antigonish at 4.30 p. m.

### Western Counties Railway.

Train leaves Yarmouth daily at 7.45 a. m., and arrives at Digby at 11.45 a. m. Leaves Digby on Monday, Wednesday, and Saturday at 4.00 p. m., and at 12.30 p. m. on Tuesday, Thursday and Friday. Arrives at Yarmouth Tuesday &c., at 4.30 p. m., and on Monday &c., at 8. p. m.

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pulmonary diseases, affording prompt relief and rapid cures, and is adapted to patients of any age or either sex. Being very palatable, the youngest children take it readily. In ordinary Coughs, Colds, Sore Throat, Bronchitis, Influenza, Clergyman's Sore Throat, Asthma, Croup, and Catarrh, the effects of AYER'S CHERRY PEC-TORAL are magical, and multitudes are annually preserved from serious illness by its timely and faithful use. It should be kept at hand in every household for the pro-tection it affords in sudden attacks. In Whooping-cough and Consumption there is no other remedy so efficacious, soothing, and helpful. Low prices are inducements to try some of

the many mixtures, or syrups, made of cheap and ineffective ingredients, now offered, which, as they contain no curative qualities, can afford only temporary relief, and are sure to deceive and disappoint the patient. Diseases of the throat and lungs demand active and effective treatment; and it is dangerous experimenting with unknown and cheap medicines, from the great liability that these diseases may, while so trifled with, become deeply seated or incurable. Use AYER'S CHERRY PECTORAL, and you may confidently expect the best results. It is a standard medical preparation, of known and acknowledged curative power, and is as cheap as its careful preparation and fine ingredients will allow. Eminent physicians, knowing its composition, prescribe it in their practice. The test of half a century has proven its absolute certainty to care all pulls. proven its absolute certainty to cure all pulmonary complaints not already beyond the reach of human aid.

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