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The Messenger Almanac.	SCIENCE.
November.	Latest Wonder of Telegaphy.
Full Moon, Nov. 1st, 7h. 16m. afternon. Last Quarter, "8th, 1h. 3m. " New Moon, "15th, 8h. 33m. " First Quarter, "24th, 0h. 12m. morning.	TRANSMISSION OF MUSICAL AND VOCAL SOUNDS. The readers of the Traveller have been made acquainted with the wonder- ful inventions of Professor Bell, by which musical and vocal sounds can be, and have been sent over the electric wires; but few, if any, are aware of the wonderful results which are sure to follow these improvments in tele- graphy. A short time ago Professor Bell was in communication with a tele- graphic operator in New York, and commenced experimenting with one of his inventions pertaining to the trans- mission of musical sounds. He made use of his phonetic organ, and played the tune of "America," and asked the operator in New York what he heard. "I hear the tune of America," re- plied New York; "give us another." Professor Bell then played Auld Lang Syne. What do you hear now?" "I hear the tune of Auld Lang Syne, with the full chords, distinctly," replied New York. Thus the astounding discovery has been made that a man can play upon musical instruments in New York,

Parrsboro, Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro. High water at Pictou and Cape Tormen-tine, 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.

SCIENCE.

AGRICULTURE.

OHRISTIAN MESSENGER.

THE CHRESTILIN MESSENGER.

BUCKWHEAT FOR ORCHARDS .--Buckwheat is found to be just the thing he readers of the Traveller have ground light and friable, and this tenmade acquainted with the wonder- dency is further increased by ploughing inventions of Professor Bell, by under the green buckwheat at least ch musical and vocal sounds can be, once year. If the orchard is old, it is have been sent over the electric as well not to try to grow buckwheat, es; but few, if any, are aware of but keep a succession of growths through wonderful results which are sure the year, to be turned under when in follow these improvments in tele- blossom. If allowed to ripen a crop ohy. A short time ago Professor occasionally, what is accidentally scatwas in communication with a tele- tered will furnish sufficient seeding. phic operator in New York, and This is the cheapest mode of keeping menced experimenting with one of large orchards in good condition, as the inventions pertaining to the trans-sion of musical sounds. He made pecially the surface soil loose. Clover of his phonetic organ, and played injures the growth of young trees, and it takes two years to get a crop ready to plough under. Another advantage of buckwheat is, that when rightly managed, it becomes an aid in fighting Professor Bell then played Auld the codling moth. If the trees are kept smooth and no chance for a lodgemen of the worm on the trunk, many will hide in the stalks of the buckwheat. h the full chords, distinctly," replied Ploughing the ground before winter sets in destroys the enemy, as it win-Thus the astounding discovery has ters in the pupa state, and cannot live n made that a man can play upon in contact with the moist earth. sical instruments in New York, Where all the loose stuff, weeds and New Orleans, or London, or Paris, and rubbish are ploughed under just before be heard distinctly in Boston! If this freezing, thousands of the codling can be done, why cannot distinguished moths are destroyed, thus greatly lessenperformers execute the most artistic and ing the evil the following season. This beautiful music in Paris, and an audi- has been practically tested by the apple growers of the Grand Traverse (Mich.) region, who find buck wheat the best crop Professor Bell's other improvements, to keep their orchards in good condition. -Exchange.



THE LIGHT RUNNING

ROYAL

AGAIN TRIUMPHS.

NOT BUTTELL L **NOVEMBER 1, 1876.**

VICTORIA, WILMOT, April 7th, 1875. MESSRS. C. GATES &CO.

GONSUMPTIVES READ.

GENTLEMEN :- This is to certify, that I was troubled with Bronchitis for about 12 years, and tried different preparations which were recommended for it, but got no relief until I used your LIFE OF MAN BITTERS, SYRUP AND OINTMENT, and have been troubled but very little in that way since, which is now about three years; I would highly recommend your medicines to all suffering with throat and lung

Respectfully yours, DAVID FALES, Sworn to, before me, April 9th 1875, at Victoria, Wilmot. WALLACE PHINNEY, J. P. July 12.

THE BAPTIST HYMN BOOK published by the Baptist Publication So-CHRISTIAN MESSENGER OFFICE, HALIFAX.

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SEND FOR A PRICE LIST. March 24, CHURCH REQUISITES.

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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. 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

T 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 pro-duce costiveness (which is the case with most remedies), or affect the head as it then dip in a second water prepared

ence assemble in Music Hall, Boston, to listen? . tol an lands and shellt a namely, the transmission of the human voice. has become so far perfected that

persons have conversed over one thousand miles of wire with perfect ease, although as yet the vocal sounds are not loud enough to be heard by more than one or two persons. But if the human voice can now be sent over the wire, and so distinctly that when two or three known parties are telegraphing the voices of each may be reognized, we may soon have distinguished men delivering speeches in Washington, New York, or London, and audiences assembled in Music Hall or Fanueil Hall to listen.-Boston Traveller.

SHOEING VICIOUS HORSES. - A horse no matter how vicious and obstinate he may be, when attempts are made to shoe him, can be rendered quiet and manageable by making him inspire, during the operation, a few grains of the etherial oil of parsley, dropped on a handkerchief. A large number of trials of this substance have been made with the most troublesome and violent animals, with perfect success.

A NEW MOTIVE POWER .- The possibility of using compressed air as motive power seems to have been fully demonstrated at Paisley. A car propelled by this agency has been succesfully run on a street railway for more than two months, under every condition of traffic and weather, performing a trip of three miles for every charge of air, at a cost of about one cent a mile. When the tracks are not slippery from any cause' a considerable surplus of air is left in the tanks

TO MAKE OLD BLACK SILKS LOOK LIKE NEW .--- Pick out the garment and wash the pieces in hot soap-suds ; rinse

MAPLE SEED .- Occasionally, says an exchange, an inquiry comes to us about gathering tree seed, and the appearance of the maples reminds us that the seeds of the silver maple and the red maple ripen in two or three weeks after the leaves are fully developed. They should be gathered without delay. and grown soon after being collected. With care in sowing and proper attention thereafter, these varieties may be easily grown. Plant in drills, to the depth of about an inch, the rows being wide enough apart to permit of cultivation with a harrow or plough. If the ground is dry, roll it after planting. The young plants will make their appearance in from a week to ten days, and if the weather is very hot, they must be protected with a light covering of straw or by shading the rows with bush-

es or branches of trees.

GARDEN BULBS .- Now is the time when bulbs should be taken up and stowed away, as the leaves of the plants become ripe and brown, and the roots will die if the plants remain too long in the ground. The bulbs should be put away in the shade to dry for a few days; then the tops, roots, and rough skin should be removed, and the bulbs put in paper bags, properly la-beled. Bulbs that have flowered in water should as soon as the flowers be-gin to fade, be removed and planted in earth, where they will get a little nourrough skin should be removed, and the earth, where they will get a little nourishment for the future good of the bulb; but even then the bulb is weakened, and the bulb will not flower as well in water twice, though they will serve for planting in the garden.

HOW TO TREAT CROWS .- It is very a very ingenious invention which can be gratifying to see that the poor crow

DRUMBO-Extra Prize for all kinds HAMILTON-Diploma for best display. For a number of years past Canadian Manufactures have been in a measure suppressed by the rivalry of their American Cousins, but in the Light Running Royal they have found their equal and got fairly beaten. It is without doubt the lightest running and best Machine in use, as you see by the above it has taken the the first Prize at all the principal Fairs. Head Office for the Provinces,

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CHATHAM-Over all Competitors for

manufacturing.

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H. M. HAMILTON, Manager. A few reasons why it is the best Machine. 1927 - 1921 11 11 11 11 1st. It is never out of time but always ready for use.

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Society's publications or any other books. CHRISTIAN MESSENGER OFFICE, 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 C. L. WEEKS. April 14. Hundreds Cured daily in Nova Scotia BY THE

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