#### CHRISTIAN MESSENGER. THE

# Agriculture.

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#### STEAM PLOUGHING.

the mainspring of our civilization. By Our agricultural readers will be greatly interested by a report on steam all the wheels of industry are kept in cultivation in the Times supplement of motion, commerce is carried with rap-15th of March. We have already idity and certainly over all portions of called their attention to what we think the earth's surface, the useful metals a certain fact, that Thompson's roadare brought from the deep caves in steamer is destined to be the supplant. which they have hidden themselves, er of agricultural horses to as large an and are purified and wrought to serve extent, perhaps, as railroads have supthe purposes of man. By coal night planted road horses. It seems the is, in one sense, converted into day, Earl of Dunmore has been testing the winter into summer, and the life of road-steamer in every way ever since man, measured by its fruits, greatly August last-putting it to work of prolonged. Wealth with all its comevery kind, on the road and in the forts, the luxuries and the triumphs it field. At carting his harvest it very brings, is its gift. Though black, decidedly beat his horses, both in sooty, and often repulsive in its aspects, questions of work done and the time it is the embodiment of a power more and cost of doing it. It took heavy loads to the railway-station, sawecwood, pulled up large roots of trees threshed the corn, cut the hay and straw and ploughed the stubbles-it seems to have been a veritable stean. elephant, so powerful and skilful was it. But it was the object of his ford ship to make it a perfect steam-plough and in this he has quite succeeded. On the last day of February this intelligent engine publicly exhibited itsskill and power before a large assembly of farmers, and here is the report for the benefit of our numerous farmer friends, who, if yet in middle life, are certainly destined to see the road steamer a field-steamer, tilling their fields as commonly as the locomotive whisks along its iron way across them : The field to be ploughed, lying immediately below the ancient tower of Dunmore, had lain in pasture for 40 years, not having been ploughed since 1831. I' had rained heavily for a day and two nights before the trial, and also heavily that morning, and as the field had never been drained it was exactly in that state in which it had so often been declared that it was impossible for a traction engine to drag itself over the land, much less a plough-However, at the given signal, the road. steamer started, and dragged the plough after it in the casiest and smoothest way imaginable. The work executed was really admirable. The furrows. 6in. by 10in., were beautifully turned over, closely packed, giving a good shoulder and a capital seed-bed. Indeed, so splendid was the work, that on comparison the furrows were found to excel those made in another portion of the same 45-acre field by some double-furrow horse-ploughs for a prize competition. The land ploughed by the road-steamer was in so heavy a state that a one-furrow horse-plough, which was drawn through it as a test, marked by the dynamometer a draught of 61 cwt.-English paper.

## MESSENGER ALMANACK.

#### MAY, 1871.

Full Moon, May 4th, 6h 45m. afternoon. Last Quarter, " 11th, 10h. 9m. morning New Moon, " 19th, 6h. 31m. morning. the power developed in its combustion First Quarter, " 27th, Sh. 48m. morning.

THE TIDES .- The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newpo t, and Truro.

High water at Pictou and Cape Tormenting. 2 hours and 11 minutes 'later than at Ha ifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and 4t 56 minutes later. At Westport, 2 hours 51 bodily, late hours, and excesses of every kind, of tour or five months. For the first three minutes later. At Ya: mouth, 2 hours 20 min- it has no equal. utes later.

### WRIGHT'S

#### Patent Sectional Spring Bed

THE Subscribers having been appointed Sele Agents in the Province for the sale of this article, recommend it as being the easiest and most comfortable to rest upon, and together with its durability, and the facility with which it can be taken apart and cleaned, they feel certain that it will be found to be a most con-

venient article. GORDON & KEITH. May 20.

EAGAR'S **Bitters**! Peruvian COMPOUND

Of Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies

#### AN EXCELLENT

TONIC, APPETIZER, & STIMULANT

Cures LIVER COMPLAINT, DYSPEPSIA ACIDITY of the STOMACH, DEBILITY and PAIN in the BACK, RESTORES the VITAL ENERGIES, when exhausted, braces up both the Nervous and Muscular System, PURIFIES the BLOOD, and Restores the Appetite. Particular attention is called to the fact

that the

#### PERUVIAN BITTERS

are not an Alcoholic preparation, but simply ascientific combination of valuable Roots and Barks, which purifies the Blood and restores the waste, thereby bracing up both the Nervous and Muscular Systems, and giving that permanen IIEALTH, STRENGTH and VIGOR, both of mind and body which nature intended toan should possess.

This BITTERS is not sold as a specific for every disease, but in cases of GENERAL DE-BILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indspositon for St. John's, Newtoundland, 20 minutes earlier, Exertion. Sense of Fullness after Eating, &c., than at Halifax. At Charlottetown, 2 hours caused by anxiety over exertion, mental or which, however, were dissipated in the course

### DR. JOSEPH D. DAVIS

WOULD inform the public that after thirty years of study, investigation and practical experimen ing concerning that terrible discase

#### CONSUMPTION,

And the diseases of the anterior and posterior naries, throat, bronchia, lung , heart, liver, kidneys, and nterus, and twenty years spent in investigating, experimenting and proving, with the medicinal and therapeutic properties of the roots, barks, plants and shrubs, indigenous to Massachusetts, Maine, New Brunswick and Nova Scotia,-he has discovered new remedies, and new modes of treatment, for Consumption, not previously known to Medical Science; and with the large number of cases treated, relieved and cured during the past ten years, in Maine, Massachusetts, and in different sections of Nova Scotia, has proved, beyond the shadow of a doubt, that Consumption, very often in its advanced stages, with his medicines and mode of treatment, can be cured.

He has, at great expense, procured from Lonion, Paris. Vienna and the United States, the finest and most delicate instruments to enable him to thoroughly diagnosis diseases.

#### CAPE SABLE ISLAND. N. S, ? July 15th, 1870.

DR. DAVIS-Dear Sir-The wisest of men has said that in "a multitude of counsellors there is safety."

Having been benefitted by your medicines, I wish to say it to others who may be suffering from lung diseases. Early in 1869 my health began to give way, until such a lick of vital tone was experienced that I concluded it was time to try to avert the impending danger or doom; and arranged last autumn for a rest and a visit to my native Province; but on returning found myself no better; I became discouraged, fearing if no help could be obtained that I should have to abandon my work in the ministry. Happily for me, as the sequal proved, you were directed this way last winter; and, upon examination. you said my lungs were in a tubercular condition, and advised me to take medicine; to which I consented, with many misgivings,

months I could not discern much change; but

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INFLUENCE OF LIGHT UPON PLANTS -The influence of light upon plants has always been well known, and recently some experiments made in France give us some further know ledge of its influence in its less obvious phases. A climbing plant placed in a dark place continued to grow, but did not twine in the usual spiral convolutions. It grew straight up in the dark ; but when replaced in the light it commenced to twine as usual. The experiment was repeated several times, and always with the same results, thus showing that light was es. sential to its power of twining.

but gigantic salamanders and mailclad fishes were the monarchs of the animated world.

potent than that attributed to the genii

in Oriental tales. Its possession is,

therefore, the highest material boon

that-can be craved by a community or

nation. Coal is also not without its

poetry. It has been formed under the

stimulus of the sunshine of long past

ages, and the light and power it holds

are nothing else but such sunshine

stored in its black casket, to wait the

coming and serve the purposes of man.

In the process of formation, it com-

posed the tissues of those strange

trees that lifted their scaled trunks

and waved their feathery foliage over

the marshy shores of the carboniferous

continent, where not only no man was,

Scientific.

COAL is entitled to be considered as

VOICE AND SOUND .- If we go on the outside of a town during a fair, at the distance of a mile, we hear the musical inst.uments; but the din of the multitude, which is so overpower-. ing in the place, can scarcely be heard, the noise lying on the spot. The violins made at Cremona, about the year 1600, are superior in tone to any. of a later date, age seeming to dispossess them of their noisy qualities, and Principal and Interest payable leave nothing but the pure tone. If a modern violin is played by the side of one of those instruments, it will appear much the loudest of the two; but on receeding 100 paces, when compared with the Amati, it will scarcely be heard. The voice of man is endowed with purity of tone in a higher degree than any of the vocal animals; by which, in a state of nature, it enables him to communicate with his fellow at a distance very remote.

THE PROOF-READER. - How few readers appreciate the services of the individual who examined the " proofs" of a paper before it is printed. He is one of the most important agents to the production of a correct literature, and one of whom no 'reader seems to think. His is the most thankless of all the employments among men. Let and nobody thinks of him. But let RUNNING ORDER. "him allow an error to go uncorrected, and immediately he is known to be censured and his paper subjected to ill natured criticisms. He has no thanks for his labored patience, but blame if he is not faultless. He is cer tain of one of two things,-forgetfulness or censure.-Exchange.

The champion goose of New England belongs to Alden Thurstin, of Alstead, N. H. In support of that

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

New York and Oswego Midland Railroad.

FIRST MORTGAGE BONDS.

## , in Gold.

Interest 7 Per Cent. Gold per annum free from Government Tax.

200 miles of road finished, and doing a profitable business.

THIS road spans the State of New York from its Metropolis to its Northern borders.

Its Northern terminus is at the city of O wego, on Lake Outario. It shortcus the railroad connection of the City of New York with Uswego and Canada FURTY FIVE MILES, and by means of a branch at Auburn, where it connects with the New York Central, it shortens the connection with Buffalo and the West SEVENTY MILLS.

The Company has a contract with the Delaware and Dudson Canal Company for the transport of their coal, which adds largely to the business and profits of the coal.

The PAID UP CAPITAL of the Company is about \$6,500,000, which it is believed is a larger Capital than any other railroad enterhim bring out a paper without a fault prise in the United States ever started with. for weeks and weeks in succession, 000 per mile of ROAD ACTUALLY BUILT AND IN

> The annual earnings of the road are estiinated at nearly \$900,000; the operating expenses will not exceed fifty per cent which would leave, after payment of interest on Bonds, over \$214,000. For sale by

W. S. STIRLING, Halifax, T S. WHITMAN, Annapolis, G. OPDYKE & CO., Bankers, N. York. April 19th.

A. V. P. B.

cases of tooth, ache from exposed nerve. A RCHIBALDS VEGETABLE PAIN 25 CENTS PER BOTTLE. A BALSAM is an article worthy of If the above article cannot be obtained at the stores near where you live send the price HIS EXCELLENCY THE GOVERNOR patronage and should be found in every house. It is equal if not superior to any other Pain in stamps to the subscriber's address and it Kil er now in use. Also, Archibald's Cough | will be forwarded immediately. Dealers sup-Mixture for Coughs, Colds, and all Lung plied on liberal terms M. F. Eagar. Diseases. 149 Holiis St. The Proprietor has removed to Trure, Celeh-Hulifax. ester Co., N. S., is now extending his business, and will be prepared to furnish his numerous NEW patrons with the above, as well as many otker valuable remedies compounded by him. WHOLESALE DRUG STORE, Sold by all the principal Dealers and Druggists in the Provinces. 149 Hollis St., Halifax. Oct. 21. l yr. ing of that Act. To Parents and Sabbath School The subscriber is prepared to execute orders for Drugs, Chemicals, Perfumery, Patent May 10. Teachers. Medicines' Paints, Varnishes, Oils, Toilet Articles, and all other articles usually supplied by JUST PUBLISHED. Drug Houses. Being | gent for first class Surgical Instru SECOND EDITION-REVISED. ment makers in London and Paris, their respective priced lists can be seen at his establishment. A SCRIPTURE CATECHISM, His knowledge of the London, Liverpool and Parisian Markets, enables him to offer for the Family, the Bible Class, and the goods at very low prices for cash as will be Sabbath School, seen by a few quotations below : BY S. SELDEN. at from .... \$0 37 per dos Hair Oil, Price 8 cents or \$6 00 per 100 \*\* .... 0 60 Perfume, Black Cup Pomade, " .... 1 00 TRY NELSON'S CHEROKEE Box Wood top Pomade," .... 1 00 Glycerine & Camphor Roll .... 0 90 VFRMIFUGE. .... 0.25 Soaps, Prices of any articles will be given with pleasure when required. THIS valuable Indian combination has Should any article purchased at his estab-L been successfully used by physicians, lishment not prove to be what it is representand found to be safe and sure in eradicating ed, it can be returned at his expense, if not worms in persons of all ages. Prepared by otherwise made satisfactory. W. J. NELSON, M. F. EAGAR. Bridgewater, N. S. 149 Hollis St. Sold everywhere. Halifax. Feb. 23. Sept. 14. ly. ce3 mths.

1 Thurst

of the nerve.

sense; take no other.

Although these BITTFRS contain no Alcohol, they will most efectually wean the taste from Stimulants and enable the system to dispense with them at once.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certificates. -Hundreds could be added, but such names as Dr. How, Professor of Chemistry at King's College ; Capt. Hardy, R. A ; Mr. Solomon, Lunenburg; and Dudley de Chair, Esq, Halifax, will be sufficient to establish its reputation as a reliable and valuable medicine.

#### **CERTIFICATES:**

I have found Mr. Eagar's PERUVIAN BIT-TERS beneficial to myself and in my family, and have heard of their being used with good effect in another case in Windsor. HENRY HOW, D.C.L. (Signed) King's College, Windsor.

MR. EAGAR,-I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom. C. HARDY, (Signed) Capt. R. A.

LUNENBURG, 28th June, 1869. MR. EAGAR,-I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom. (Signed) EDWARD H SOLOMON, Dy. Surveyor, Co, Lunenburg.

I have tried Mr. Eagar's PERUVIAN BITTERS, and can strongly recommend them. DUDLEY DE CHAIR. Signed, Halifax, June 3, 1869.

FOR SALE in large bottles at 374 cts. per bottle, and in one dozen and three dozen boxes. Orders from the country will receive immediate attention. Dealers Supplied on liberal term 3.

TOOTH ACHE.

EAGAR'S

ODONTINE ESSENCE

gives instantaneous relief in all cases of Tooth

Ache arising from hollow teeth and exposure

in no case has it failed to give satisfaction.

Thousands of bottles have been sold and

Be sure and obtain Eagar's Odontine Es

The money will be returned if it fails to give

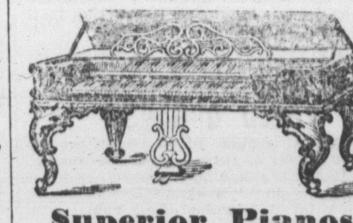
relief when used according to directions in

after that began to feel a new vitality permeasing my whole system; my work, which for months had been burdensome, became lighter and more agreeable; and now I enjoy a vigorous state of health. If this testmony should induce any who are suffering from lung disease to employ you, with the same success. I do not doubt but they will feel that, under the Divine blessing by which you have been enabled to gather such valuable knowledge from nature's store house, they are your debtor. With earnest prayer that you may succeed in business and become a bles-ing to many of the afflicted, I

remain, with kindest regards, WM. M. KNOLLIN, Minister of Free Baptist Conference of N. S.

Dr Davis intends visiting the following various towns and localities :---He will be in Weymouth from the 1st Feb to

7th. Yarmouth from 7th to 14th; Barrington from 14th to 21st; Cape Island from 21st to 28th; Shelburne from 1st March to 7th; Liverpool from 7th to 10th; Bridgewater from 10th to 17th; Lunenburg from 17th to 24th; Mahone Bay from 24th to 31st; Chestee from 1st April to 7th; Bridgetown from the 7th to 14th; Halifax from 14th April to 30th June. March 15.



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 TAMEUR." 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, 70 & 72 Barrington St. June 1.



Government House, Ottawa, Wednesday, 19th day of April, 1871. PRESENT :

FRUIT TREES .- We would urge the propriety of going over the orchard, tree by tree, and removing all dead or superfluous branches. Cut out every sucker, whether it springs from the ground or from body or branch. Don't burden the tree with an unnecessary growth of wood. Remember that whatever goes to superfluous wood is so much taken from the growth of fruit. and the remaining wood will not ripen so well. One who has a given amount of labor to perform should not be overburdened with unnecessary weight or other hindering encumbrance.

HEDGES IN MEXICO.-The cactus has been put to a every important use in Mexico. The inhabitants of the country build fences out of the organo variety which is eight sided, from five to eight inches thick, and grows to a height of from ten to twenty-five feet. The cactus is cut in sections, the cut ends stuck as closely as possible into a trench covered with about a foot of soil, and the fence is made. As the plant lives for ages, the virtues of this fence "increase with its years.

To whom you betray your secret you betray your liberty.

claim her owner exhibits an egg weighing three quarters of a pound, measuring nine inches from end to end and six and one half around the middle. Last year the same goose laid an egg a little less in weight, from which two goslings were hatched.

Th parasol-ants of the West Indies, says Dr. Forbes Winslow, in his work on light, walk in long procession, each one carrying a cut leaf, over its head as a parasol, in the sun, and they deposit · these in holes ten or twelve feet under ground, apparently with no other object than to form a comfortable nest for a species of white snake, which is invariably found coiled up among them.

The last scientific sound ng experiments in the Atlantic show an upper stratum of warm water,700 to 800 fathoms deep, moving northward, and the entire, deeper stratum below, of almost icy coldness, moving southward from the Arctic basin.

Canada is the fourth maritime power in the world. According to the "Year Book for 1870," she has 7,594 vessels, with a tonnage of 399,090.

GENERAL IN COUNCIL.

ON there commendation of the Honourable the Minister of Customs and under the authority given by the 54th Section of the Act 31st Vic:., Chap. 6, intituled :-" An Act respecting the Customs, His Excellency has been pleased to order, and it is hereby ordered that the Port of Morrisburgh, in the County of Pundas, and Province of Ontario, shall be and the same is hereby ordered into and constituted a Warehousing Port, within the mean-WM. H LEE, Clerk Privy Council.

THE CHRISTIAN MESSENGER Is published every WEDNESDAY. Terms-Two DOLLARS a year, when paid in advance ; if payment is delayed over three months \$2.25 when over six months \$2.50. Subscribers beyond the Dominion of Canada, must send in addition to the above, 20 cents a year for prepayment of postage.

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forms, &c., &c., on reasonable terms. Magistrates Blanks always on hand.