

Agriculture.

BEES. SAVE THE OLD COMB.

A correspondent of the Toronto Globe says:

The value of old comb to give to new swarms can hardly be estimated; yet many bee-keepers destroy, or in other words, make wax of the combs whenever the bees die, and put their swarms into empty hives. To judge of its value, let bee-keepers put a swarm into a hive filled with combs, and note in how much less time such a hive is filled with brood and honey than when a swarm is put into an empty hive. Some persons suppose when the comb looks dark-colored that it is unfit for the bees; but such is a mistake. Combs may in many cases be in use ten years, and still be of value. The colour being dark is no objection, if the cells are perfect.

Others again suppose that when the bees die in the cells the combs are of no use; but this, too, is a mistake. The bees will remove all, or nearly all the dead bees, repair the cells, and fit the combs for the reception of the eggs and honey much more easily and in a much shorter time than they can make new combs. It is always well however, to remove all the dead bees that can be conveniently removed as it saves the bees time and labour of doing it. Broken pieces of comb are also valuable to put into honey boxes; but in this case it is better to have the comb new and white, as dark or old comb gives a dark appearance to the honey, though it in no wise injures it.

SOME NEW POTATOES.

J. H. Thomas writes to the Toronto Globe:

I have just received from D. G. M. Paterson, Dundee, Scotland, one of their cattle potatoes called "Bovina." Mr. Paterson tells me that, with extra culture, 40 tons have been grown to the acre.

The one received weighed 1 1/2 lbs. It will take two years to become acclimated, and until then I shall not attempt to speak of its merits.

I have also received from Ohio a potato said to be "bug proof." It is a seedling grown by W. K. Young of Wisconsin; is called "White Rose;" in shape it resembles the "Early Rose," though the skin is white, and it is not so large a potato. It is said to be of excellent table quality, and a great cropper, yielding at the rate of 600 bushels to the acre.

HOW TO IMPROVE SANDY SOIL.

About twenty-five years since I came into possession of about nine acres of thin, sandy land. There had been, within say three or four years previous two crops of corn taken from it that did not exceed ten bushels per acre. I had it ploughed deeply, and sowed heavily to oats. As soon as they began to ripen we ploughed them in, and applied about 70 bushels of lime-kiln ashes to the acre; we then seeded it with rye, and also sowed clover and timothy. We cut a splendid crop of rye, and for several years mowed a good swath of grass, since which we have kept up a rotation of corn, then wheat or rye, followed by grass which has been either mowed or pastured: two of the years potatoes have taken the place of corn. The corn has averaged from 50 to 60 bushels per acre of shelled corn, and the other crops have been above the average of the balance of a good farm. We have put little if any manure upon it, except a moderate amount with potatoes. I may add that a large portion of this lot is so sandy that it does well for building purposes.—Country Gentleman.

IN BROILING A BEEFSTEAK, whenever the coals blaze up from the drippings, a pinch of fine salt will instantly extinguish the flames. By carefully attending to this matter, you may have your broiled steak or chicken crisp, but not scorched, and juicy, yet well done.

POULTRY ENCLOSURES.—To keep poultry from scaling low fences; stretch three wires or strong cords along the top of wall or fence, at a distance of three inches apart (in height) held in place by uprights at intervals of six to eight feet. But one and at most three attempts are sufficient to convince them that they cannot get over. I keep Games inside a five-foot fence, by this means.—Country Gentleman.

Scientific.

EXPERIMENTAL SURGERY.

A curious case of experimental surgery has just aroused quite a storm of indignation in England. In Paris, a Mr. Reverdin has been detaching pieces of skin from a human subject, and applying them to the raw surface of a burn, so as to make a new skin. Fired by a natural spirit of emulation, Mr. George Pollock, of St. George's Hospital, London, has been essaying to do the same thing. A white child had been accidentally burned, and Mr. Pollock took a bit of skin from the shoulder of a negro and applied it to the injured part. The surgical operation was successful, but its moral effect appears to have been unfortunate. It was straightway reported, first, that the poor black man had been flayed against his will; and, secondly, that the design of the operator was to change the child into a negro, in total disregard of the wishes of the parties concerned.

A good many poor people were justly indignant at the idea of so astounding and improper a metamorphosis. Some of the London papers have actually found it necessary to explain that the experiment was made in order to show what part of the covering tissue it is which is concerned in the development of new skin; that the negro received a sovereign for the bit of skin taken from him, and cheerfully parted with the treasure for that consideration; and that Mr. Geo. Pollock had no idea of changing his little patient into a coloured child, except to the extent of a spot of less than a pea in size, and in order that the palpable difference in colour and texture might assist in defining the steps of the experiment. The Lancet declares the proceeding to be one of the safest, humanest, and most interesting within the range of physiological science.

"AS FAR AS THE EAST IS FROM THE WEST."—Some astronomers have computed that there are no less than 75,000,000 of suns in this universe. The fixed stars are all suns, having, like our sun, numerous planets revolving around them. The solar system, or that to which we belong, has about thirty planets, primary and secondary, belonging to it. The circular field of space which it occupies is in diameter three thousand six hundred millions of miles; and that which it controls much greater. That sun which is nearest neighbor to ours is called Sirius, distant from our sun about twenty-two billions of miles. Now, if all the fixed stars are as distant from each other as Sirius is from our sun, if the solar system be the average magnitude of all the systems of the 75 millions of suns, what imagination can grasp the immensity of creation? Every sun of the 75 millions controls a field of space about 10,000,000,000 of miles in diameter. Who can survey a plantation containing 75 millions of circular fields, each ten billions of miles? Such however, is one of the plantations of Him who has measured the waters in the hollow of his hand, and meted out heaven with a span, and comprehended the dust of the earth in a measure, weighed the mountains in scales, and the hills in a balance; of Him who, sitting upon the orbit of the earth, stretches out the heavens as a tent to dwell in.—The Hebrew.

FREAK OF NITRO-GLYCERIN.—Nitro-glycerin does not seem to become any more civilized as it mixes in scientific society. We read, in a German publication, an extraordinary account of the explosion of only ten drops of this substance, which a pupil in a laboratory had put into a small cast-iron saucepan, and heated with a Bunsen gas flame. The effect of the explosion was that the forty-six panes of glass of the windows of the laboratory were smashed to atoms, the saucepan was hurled through a brick wall, the stout iron stand on which the vessel had been placed was partly split, partly spirally twisted, and the tube of the Bunsen burner was split and flattened outwards. Fortunately, none of the three persons present in the laboratory at the time were hurt. When nitro-glycerin is caused to fall drop by drop on a thoroughly red hot iron plate, it burns off as gunpowder would do under the same conditions; but if the iron be not red hot, but yet hot enough to cause the nitro-glycerin to boil suddenly, an explosion takes place.—Scientific American.

The best thing to give to the poor is employment.

MESSANGER ALMANACK.

JULY, 1871.

Full Moon, July 2nd, 9h. 22m. morning. Last Quarter, " 9th, 5h. 55m. morning. New Moon, " 17th, 1h. 13m. afternoon. First Quarter, " 25th, 1h. 37m. morning. Full Moon, " 31st, 5h. 2m. afternoon.

Table with columns: Day, Rise, Sets, Moon, High Tide. Rows for days of the week from 1st to 31st.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', 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.

New York and Oswego Midland Railroad.

FIRST MORTGAGE BONDS.

Principal and Interest payable in Gold.

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

300 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 Oswego, on Lake Ontario. It shortens the railroad connection of the City of New York with Oswego and Canada FORTY 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 MILES.

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

THE PAID-UP CAPITAL of the Company is about \$6,500,000, which it is believed is a larger Capital than any other railroad enterprise in the United States ever started with. The issue of Bonds is limited strictly to \$20,000 per mile of Road ACTUALLY BUILT AND IN RUNNING ORDER.

The annual earnings of the road are estimated 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. 3m.

A. V. P. B.

ARCHIBALDS VEGETABLE PAIN BALSAM is an article worthy of patronage and should be found in every house. It is equal if not superior to any other Pain Killer now in use. Also, Archibald's Cough Mixture for Coughs, Colds, and all Lung Diseases.

The Proprietor has removed to Truro, Colchester Co., N. S., is now extending his business, and will be prepared to furnish his numerous patrons with the above, as well as many other valuable remedies compounded by him.

Sold by all the principal Dealers and Druggists in the Provinces. 1 yr. Oct. 21.

To Parents and Sabbath School Teachers.

JUST PUBLISHED.

SECOND EDITION—REVISED.

A SCRIPTURE CATECHISM,

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Price 5 cents or \$5.00 per 100.

TRY NELSON'S CHEROKEE VERMIFUGE.

THIS valuable Indian combination has been successfully used by physicians, and found to be safe and sure in eradicating worms in persons of all ages. Prepared by W. J. NELSON, Bridgewater, N. S.

Sold everywhere. Sept. 14. 17. c&3 mths.

WRIGHT'S Patent Sectional Spring Bed!

THE Subscribers having been appointed Sole 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 convenient article. May 20. GORDON & KEITH.

EAGAR'S Peruvian Bitters!

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 a scientific 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 permanent HEALTH, STRENGTH and VIGOR, both of mind and body which nature intended man should possess.

This BITTERS is not sold as a specific for every disease, but in cases of GENERAL DEBILITY and its effects, such as Dyspepsia, Loss of Appetite, Weakness of the small of the Back, Weak Memory, Indisposition for Exertion, Sense of Fullness after Eating, &c., caused by anxiety over exertion, mental or bodily, late hours, and over exercise of every kind, it has no equal.

Although these BITTERS contain no Alcohol, they will most effectually 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 BITTERS beneficial to myself and in my family, and have heard of their being used with good effect in another case in Windsor. (Signed) HENRY HOW, D.C.L. 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. (Signed) C. HARDY, 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. (Signed) DUDLEY DE CHAIR, Halifax, June 3, 1869.

FOR SALE in large bottles at 37 1/2 cts. per bottle, and in one dozen and three dozen boxes. Orders from the country will receive immediate attention. Dealers Supplied on liberal terms.

TOOTH ACHE.

EAGAR'S

ODONTINE ESSENCE

gives instantaneous relief in all cases of Tooth Ache arising from hollow teeth and exposure of the nerve.

Thousands of bottles have been sold and in no case has it failed to give satisfaction. Be sure and obtain Eagar's Odontine Essence; take no other.

The money will be returned if it fails to give relief when used according to directions in cases of tooth, ache from exposed nerve.

25 CENTS PER BOTTLE.

If the above article cannot be obtained at the stores near where you live send the price in stamps to the subscriber's address and it will be forwarded immediately. Dealers supplied on liberal terms.

M. F. Eagar, 149 Hollis St. Halifax.

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The subscriber is prepared to execute orders for Drugs, Chemicals, Perfumery, Patent Medicines' Paints, Varnishes, Oils, Toilet Articles, and all other articles usually supplied by Drug Houses.

Being a gent for first class Surgical Instrument makers in London and Paris, their respective priced lists can be seen at his establishment.

His knowledge of the London, Liverpool and Parisian Markets, enables him to offer goods at very low prices for cash as will be seen by a few quotations below:

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Prices of any articles will be given with pleasure when required.

Should any article purchased at his establishment not prove to be what it is represented, it can be returned at his expense, if not otherwise made satisfactory.

M. F. EAGAR, 149 Hollis St. Halifax. Feb. 28.

DR. JOSEPH D. DAVIS

WOULD inform the public that after thirty years of study, investigation and practical experimenting concerning that terrible disease

CONSUMPTION,

And the disease of the anterior and posterior parts, throat, bronchitis, lung, heart, liver, kidneys, and uterus, 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 London, Paris, Vienna and the United States, the finest and most delicate instruments to enable him to thoroughly diagnosis diseases.

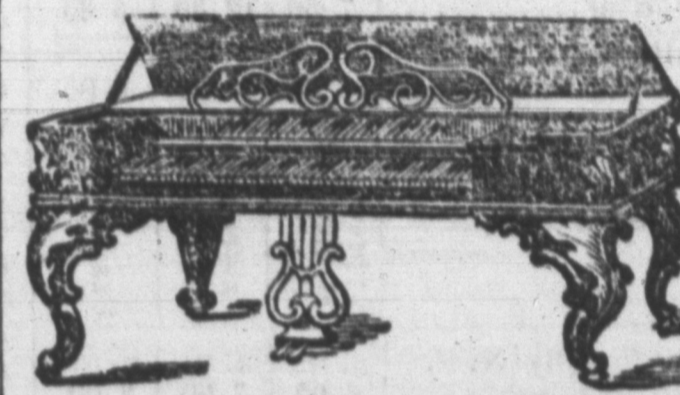
CAPE SABLE ISLAND, N. S. } July 15th, 1870. }

DR. DAVIS—

"Dear Sir—The wisest of men has said that in a multitude of counsellors there is safety." Having been benefited 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 lack 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 sequel 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, which, however, were dissipated in the course of four or five months. For the first three months I could not discern much change; but after that began to feel a new vitality permeating 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 testimony 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 blessing to many of the afflicted, I remain, with kindest regards,

WM. M. KNOLLIN,

Dr. DAVIS has taken rooms at the LOVITT HOUSE, 68 Hollis Street, where he will remain until the 1st July next, and may be consulted daily from 11 u. m., to 6 p. m. March 15.



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UPRIGHT, OBLIQUE, SQUARE, &c.

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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,

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OTTAWA, May 20th, 1871.

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May 31.

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NEWEST STYLES,

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May 3.

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