

Scientific.

SALMON BREEDING.—The Ottawa Citizen states that Mr. Whitcher, who has just returned from a visit to the Government fish breeding establishment at Wilmot Creek, Ontario, gives very gratifying accounts of its success.

A PERPETUAL CANDLE.—The perpetual candle is the name of a useful contrivance, which has lately been introduced into this country from Russia.

AN AUSTRALIAN contemporary draws a picture of a New Zealand, 2,000 years hence, coming to Victoria and extracting gold from the tailing of the deserted gold fields.

VEGETABLE SOUP.—Take a joint of beef, mutton, or veal; place in a boiler, cover the joint with cold water (about four quarts); add pepper and salt, and some cabbage, and one or more turnips cut in slices; one carrot also if you have it.

NEW KIND OF PAPER.—A new kind of paper, specially adapted for various kinds of clothing, has been invented in England.

Agriculture.

RAISING DUCKS.

No variety or class of domestic fowls stand higher than the ducks; they require so little room by comparison, they are easily kept and free from tendency to disease, are very desirable points to be obtained by the amateur breeder.

In breeding ducks, it is a frequent practice with myself to send eggs to be hatched under hens at distant farmyards, and in nearly every case the result has been more satisfactory, even when no water was within reach of the ducklings beyond that contained in a common pan.

One mistake made by some admirers of these fowls is to allow young ducks too free access to such supplies of water as afford gratification of their older ones.

The character of the food furnished to the young has an important bearing upon the success of duck rearing. Soft food is so necessary to success therein as to be deemed indispensable.

In moist seasons they will ordinarily find worms for themselves, but when none can be found, their place should be supplied with fresh meat.

PRUNING.—According to the theory of vegetable physiology, verified by practice, a tree is most checked in growth when the leaf bearing branches are lopped while in most rapid state of growth; and the growth of sprouts favored when the tree or its branches are cut while it is in a dormant condition, and especially towards spring.

ROTATION OF CROPS.—The "Five year Rotation," adopted in England for light loamy lands is; first year, roots; second, barley; third and fourth, clover; fifth wheat.

Grass lands, when not too closely cropped, improve the soil, inasmuch as they not only prevent evaporation and add vegetable matter to the under soil by the decay of their under leaves, but they also leave many tons of vegetable matter to the under-soil by their close net-work of fine fibrous roots when the land is again brought under the plough.

"STEAM," said a popular lecturer, "is the great annihilator; it annihilates time and space." Said another: "And multitudes of passengers, too."

MESSENGER ALMANACK.

DECEMBER, 1871.

Last Quarter, Dec. 5th, 2h. 31m. morning. New Moon, " 11th, 11h. 47m. afternoon.

First Quarter, " 18th, 4h. 27m. afternoon. Full Moon, " 26th, 6h. 20m. afternoon.

Table with columns: Day, SUN, MOON, High Tide, Low Tide. Rows for each day of the month.

THE TIDES.—The column of the Moon's Southing gives the time of high water at Parrsboro', Cornwallis, Horton, Hanisport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax.

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.

A. V. P. B.

ARCHIBALD'S VEGETABLE PAIN BALSAM is an article worthy of patronage and should be found in every house.

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.

Wholesale Dry Goods Warehouse, Fall--1871. 95 & 97 GRANVILLE STREET.

ANDERSON, BILLING & CO.

HAVE now completed their importations for this Season. They invite Wholesale Buyers to an inspection of their stock, which, being purchased at prices much below manufacturers' present rates, will be found deserving of attention.

American Organs.

A New and Popular Series of Instruments.

The Manufacturers, desirous of meeting the general desire for organs with all substantial excellences and at a moderate price, have designed and made a series of styles that are in all respects superior to any instruments for similar prices; namely from \$10 to \$200.

THE KALOPHON.

The tone possesses a most fascinating quality, closely resembling the real VOX HUMANA, being delicate and sympathetic, and free from the disagreeable tremor that haunts most of the mis-called VOX HUMANA stops.

LARGER AND MORE COSTLY STYLES are also offered, of which the catalogue of the manufacturer will give information. Send for circular! Address

The Smith American Organ Co. BOSTON, MASS. C. E. GATES.

AGENT FOR THE PROVINCE. For sale at HALIFAX by S. SELDEN. May 17.

EDWARD NALDER, (Late of Birmingham, England.) ELECTRO-PLATER, GILDER, & CO.

All kinds of work Plated & Gilt. OFFICE—BARRINGTON STREET, One door south of "Right Market," HALIFAX, N. S. Sep. 6. 3m.

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.

EAGAR'S

Peruvian Bitters!

OF Peruvian Bark, Sarsaparilla, Dandelion, Wild Cherry, and other valuable remedies.

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.

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 excesses of every kind, it has no equal.

The proprietor, although averse to the practice of puffing any medicine, feels it his duty to give publicity to the following certificates.

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.

MR. EAGAR.—I have used your PERUVIAN BITTERS in a personal case of Dyspepsia, and have derived the greatest benefit therefrom.

MR. EAGAR.—I have used your PERUVIAN BITTERS and can highly recommend them, as I have derived great benefit therefrom.

I have tried Mr. Eagar's PERUVIAN BITTERS, and can strongly recommend them.

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.

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.

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.

NEW WHOLESALE DRUG STORE,

149 Hollis St., Halifax.

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 agent 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:

Hair Oil, at from...\$0 37 per doz. Perfume, " " " " " " 0 60 Black Cup Pomade, " " " " " " 1 00 Box Wood top Pomade, " " " " " " 1 00 Glycerine & Camphor Roll, " " " " " " 0 90 Soaps, " " " " " " 0 25

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. 23.

CHEAP FARMS! FREE HOMES! ON THE LINE OF THE UNION PACIFIC RAILROAD.

A LAND GRANT OF 12,000,000 ACRES OF THE Best Farming and Mineral Lands in America.

3,000,000 Acres of Choice Farming and Grazing Lands on the line of the road, in the State of NEBRASKA, IN THE GREAT PLAINS VALLEY.

Now FOR SALE, for cash or long credit. These lands are in a mild and healthy climate, and for grain growing and stock-raising, unsurpassed by any in the United States.

Prices range from \$2 to \$10 per Acre. Homesteads for Actual Settlers.

2,500,000 Acres of Government Land between Omaha and North Platte, open for entry as HOMESTEADS ONLY. Persons of Foreign Birth are entitled to the BENEFIT OF THE HOMESTEAD LAW on declaring their intention to become citizens of the United States, and may avail themselves of this provision IMMEDIATELY AFTER THEIR ARRIVAL.

Send for the new edition of descriptive pamphlet, with new maps, mailed free everywhere.

Address O. F. DAVIS, Land Commissioner U. P. R. R. Co. OMAHA, NEB.

Sept. 6. British American Book and Tract Depository, 66 GRANVILLE STREET,

S. S. Books and Papers, Pocket Bibles from 25cts to \$2.50. Family Bibles \$2.75 and upwards.

do do large Quarto French Morocco, With Scott and Henry's Notes—\$5.75. Jamieson Brown and Fausset's Portable Commentary on the Bible 2 Vols. \$3.75.

Barnes on the New Testament, Spurgeon on the Psalms 1st 2 Vols. \$1.50 each.

THE REAL PRESENCE. A very interesting and instructive treatise explanatory of the above subject by Rev. Arthur Wolfe, Rector of Farnham, All Saints, late fellow of Clan College, Cambridge. Every Communicant should have one. Price 10c.

N. B.—A large assortment of Books suitable for the holidays, will be found at the Depository.

Nov. 1. JUST PUBLISHED, OCTOBER 1871. OWEN'S CHRONOGRAPHICAL CHART,

For the use of Schools and Academies. Beautifully colored, mounted and varnished. A. & W. MACKINLAY, Publishers.

Oct. 18. Superior Pianos, IN VARIOUS STYLES UPRIGHT, OBLIQUE, SQUARE, &c.

With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate. An assortment of 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.

WM. FRASER & SONS, June 1. 70 & 72 Barrington St.

To Parents and Sabbath School Teachers. JUST PUBLISHED.

SECOND EDITION—REVISED. A SCRIPTURE CATECHISM, for the Family, the Bible Class, and the Sabbath School.

BY S. SELDEN. Price 3 cents or \$8.00 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 every where. Sept. 14. 1v c c 3 mths.

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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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