

Agricultural.

CARBONIC ACID.

It is commonly supposed that the carbonic acid resulting from burning charcoal in a brazier, remains as a heavy stratum of vapor upon the floor of an apartment as it does upon the floor of the "Crotto del Cane," and that no danger is to be apprehended in entering the apartment if a person stand upright. But this notion is seriously erroneous, as the chemist can prove. In fact, as carbonic acid is formed during the combustion of charcoal, it is materially lighter than air, because it is of an exceeding high temperature, or in other words, rarified by the heat; and accordingly, says the "London Builder," it ascends in virtue of the thermal levity, and blends uniform with the air of the apartment, while another curious action is simultaneously ensuing, viz., the charcoal, in order to burn and continue burning, must have oxygen—it takes this from the air to form carbonic acid, but leaves the nitrogen, which is equally ineffectual, so that, in the course of a very short time, if no egress be permitted for the substances, so inimical to life, the entire volume of the air becomes thoroughly vitiated, and a person entering the apartment would be suffocated.

CULTIVATION OF THE GRAPE.

The European varieties are numerous, many of which were early brought to this country by emigrants, and have been extensively cultivated. But some of our varieties are decidedly superior for open culture in Maine to any introduced from the old world. Among these, are the Isabella, Catawba, Bland, Lenoir, and Ohio, which are recommended by Downing, as a selection for a small garden. But for open culture in our climate, the Isabella and Catawba are decidedly preferable, and more adapted than either of the others. The Lenoir, however, is worthy of a trial here. It ripens well in New York, and though of a less size than the Isabella, is thought to be rather superior in flavor, being sweet and excellent. Downing in remarking upon the qualities of the Isabella grape, says:—"Its great vigor, hardiness, and productiveness with the least possible care, have caused it to be widely disseminated. A vine growing here has borne twelve bushels of grapes in a single year. It is perhaps a little more hardy and ripens earlier than the Catawba, which renders it valuable at the northern parts of this state, (New York,) or the colder parts of New England. No farmer's garden however small should be without, this and the Catawba—There is little difficulty in ripening the Isabella in our climate, if upon rich soil, and not in a very exposed situation. The south side of a building is a fine situation for ripening the fruit, and tastefully trained, with its beautiful foliage, and delicious, clustering fruit, adds a lively charm to the scenery around. Projecting rocks and ledges offer a favorable situation for rearing grapes; the fruit ripening earlier on account of the heat imparted to the rock by day, being retained through the night. We have succeeded in ripening grapes in this way, about two weeks earlier than those of garden culture. There is yet one other item of credit due, which, with a neat farmer, will not be easily overlooked. It is simply that of converting, in this way, an unsightly place into a beautiful oasis.—Maine Farmer.

Soil For Sheep - The soil most suitable for sheep is a dry one. It should have in its composition a due proportion of clay, in order that security be afforded against a burnt up pasture during the heats of summer, a thing that cannot be provided against in porous sands.

ADVERTISEMENTS

THE following Works received at the BOSTON BOOK STORE, No. 6, Wellington Buildings, King Street., THE LIFE OF JOHN CALVIN, Compiled from authentic sources, and particularly from his Correspondence, by Thomas H. Dyer, Esq., Price 6s. REFLECTIONS ON BUTLER'S ANALOGY, PALEY'S EVIDENCES OF CHRISTIANITY, AND HILL'S LECTURES ON DIVINITY, WITH TWO INTRODUCTORY LECTURES AND FOUR ADDRESSES, DELIVERED IN THE NEW COLLEGE EDINBURGH, by the late Thomas Chalmers, D.D., L.L.D., Price 6s. NOTES, EXPLANATORY AND PRACTICAL, ON THE GOSPELS, designed for Sunday School Teachers, and Bible Classes, by Albert Barnes, Esq., in two vols. Price 3s 6c. MORNINGS AMONG THE JESUITS AT ROME, being Notes of Conversations held with certain Jesuits on the subject of Religion, in the City of Rome, by the Rev. M. Hobart Seymour, M. A., Price 3s 9d. B COSGROVE.

For Sale.

THE SCHOONER "VICTORY," of Kingston 60 tons burden, 4 years old, with every thing complete and in good order. For particulars, apply at the office of this paper to B. BOYLE, Kingston. TERMS LIBERAL. Kingston, March, 1850.



DR. JAMES HOPE'S VEGETABLE PURIFYING HEALTH PILLS.

Dear Sir, - You may very safely and with every confidence recommend the above PILLS, as a very superior Medicine in cases of Indigestion, Bilious Attacks, Sick Headache, Giddiness, Loss of Appetite, Lowness of Spirits with sensation of Fullness at the Pit of the Stomach, Pains between the Shoulders, Acidity in the Stomach and Bowels, Flatulency, Spasms, Heartburn, Dimness of Sight, Drowsiness, and the Distressing feeling arising from Debility and Indigestion.

All these diseases have each something in common, each some principle of CONTINUITY, which, amid all their apparent variety, establishes their unity of type, one remedy alleviates or cures them all, and that remedy is DR. HOPE'S PILLS

They are the very best remedy, and can be taken at any time, without any danger from wet and cold, requiring no restraint from business or pleasure; they act mildly on the bowels, without pain or griping, giving strength to the stomach, and promoting a healthy action of the liver, by which they prevent and cure Jaundice and Dropsy, clear the skin, remove Sallowiness and Pimples, purify the Blood, brace the Nerves, and invigorate the whole system. Females at a certain age should never be without them.

BUTLER & SON, Cheapside, London.

From what I know of the above PILLS, I can unhesitatingly recommend them as a valuable Medicine, especially for the diseases mentioned above.

S. F. URQUHART, YONGE STREET, TORONTO, General Agent in British North America.

SIR HENRY HALFORD'S IMPERIAL BALSAM, FOR THE CURE OF RHEUMATISM, ACUTE OR CHRONIC, RHEUMATIC GOUT, NEURALGIA, AND DISEASES OF THAT CLASS.

THIS extraordinary and potent compound is made according to a favorite prescription of the above eminent Physician. Sir Ashley Cooper, also, frequently referred his students to the compound as eminently calculated for the cure of Rheumatism, and other diseases of that class,—its ingredients are entirely from the Vegetable Kingdom, and if any medicine could legitimately be denominated a specific, this remedy is preeminently entitled to that appellation. But the Proprietor does not believe in INFALLIBLE SPECIFICS for the cure of any disease; yet his confidence in this medicine is such from personal knowledge, as to supply it, when taken under his own supervision, on the condition of "NO CURE NO PAY." Its success, in almost every case where it has had a fair and honest trial, fully confirms its general reputation, of being the very best medicine in the world, for the cure of RHEUMATISM; GOUT, NEURALGIA, &c., &c. To ONTARIO, 14th December, 1848.

Sir,—Having for a considerable time severely suffered from an attack of Rheumatism, in my right arm and side, I applied to one of our respectable Physicians; but his treatment was of no permanent benefit to me. I was, therefore, induced to procure a bottle of your IMPERIAL BALSAM, which has completely cured me, having now been perfectly free from any kind of pain for twelve months. You may use this communication as you think proper, and refer enquirers to

Yours, very gratefully, GEORGE CLEZIE,

Cabinet-Maker, No. 1, Adelaide Street, East. Price 2s. 6d., 3s. 9d. and 5s. per Bottle.

The above Medicine is for Sale by S. F. URQUHART, General Agent, 69, Yonge Street, Toronto.

Dear Sir,—Being for the last four years subject to severe attacks of Rheumatism; Gout, or Rheumatic Gout,—I know not which; and having tried many remedies, prescribed by different parties, I have now no hesitation in stating that your Medicine, called SIR HENRY HALFORD'S IMPERIAL BALSAM, has stopped the complaint in the preliminary stages, four times over, in a few hours. Indeed, although you prescribe it to be taken four times a-day, I have never had to resort to it more than twice. Not only myself, but some friends to whom I have given some, were similarly relieved;—and in no case have I found it to fail. This is the first FALL, for four years, I have escaped the affliction, and which I attribute, under Providence, to the use of your Medicine.

JOHN CRAIG, Painter and Glazier.

76, KING STREET, WEST, Toronto, 16th December, 1849.

A Case of Chronic Rheumatism of fifteen years standing, cured by Halford's Balsam and Hope's Pills. Toronto, 14th December, 1848.

DR. URQUHART:

Dear Sir,—I hereby certify, that I have been afflicted with Rheumatism for fifteen years; for a considerable time I was confined to bed, and the greater part of that time I could not move myself; some of my joints were completely dislocated, my knees were stiff, and all my joints very much swelled; for the last three years, I was scarcely able to do three months work without suffering the most excruciating pains. I was doctored in Europe by several physicians of the highest standing in the profession as well as in this province, I was also five months in the Toronto Hospital, and, notwithstanding all the means used, I could not get rid of my complaint, indeed I was told by a very respectable physician that I never could be cured; so that at the time my attention was directed to your SIR HENRY HALFORD'S IMPERIAL BALSAM for the cure of Rheumatism, and Rheumatic Gout,—and DR. HOPE'S PILLS, I was despairing of ever getting cured; when I called on you, I was hardly able to walk, and what was almost miraculous, in three weeks from my commencing to take your medicine, I gained fourteen pounds in weight; my health was much improved, and in about three weeks more my Rheumatism was completely gone and my health perfectly restored. I now enjoy a good health as any man in Canada. Since my recovery I have walked forty-six miles in one day with perfect freedom, and I assure you, Sir, that I feel truly thankful. You can make any use of this you please; my case is known to several individuals of respectability in this city, they name you know and can refer to them if necessary. Yours, truly and gratefully, THOMAS WRIGHT.

Parties referred to, William Gooderham, William Osborne, Samuel Shaw, Esquires.

CLOTHING & DRY GOODS

THE SUBSCRIBERS beg to intimate to their Friends and the Public generally, that they have commenced Business as MERCHANT TAILORS, and will keep on hand a large Stock of

READY-MADE CLOTHING, DRY GOODS, HATS, CAPS, FUR CLOAKS AND BONNETS,

The Corner of King and Church Streets, joining the Court-House.

GAIEMENTS MADE TO ORDER, OF EVERY DESCRIPTION

READY-MADE CLOTHING:

Table listing various clothing items and prices, including Men's Etoff Over-Coats, Men's Corduroy Trousers, and various shirts and caps.

DRY GOODS:

Table listing various dry goods items and prices, including Saxony Wool Scarf Sharws, White Cottons, and various fabrics.

Shot Check, Striped, and Plain Alpaca and Orleans; Saxony; Plain, Checked, and Flowered Lama Cloth; Striped Cape Cloths; Plain and Shot Cobourgs; Camelion Stripes and Checks. Ribbons, Lace, Edgings, Gloves, Hosiery, Fringes, Flowers, Muslins, Veils, Collars, Velvets, Shawls, Handkerchiefs, Muffs, and Boas.

The Subscribers would say to all, come and see the Goods and the Prices for yourselves.

NO SECOND PRICE.

BURGESS & LEISHMAN,

The Corner of King and Church Streets, joining the Court House.

Toronto, January 21st, 1850.

SIGN OF THE BIG GREEN T!



SEAT OF GOVERNMENT!

DO NOT MISTAKE

J. SWAIN & CO'S CHEAP, GENUINE

TEA AND GROCERY STORE,

Opposite the Market, in the Mammoth House.

NOTICE THE BIG GREEN T OVER THE DOOR!

ALL who wish to lay out their money to the best advantage are invited to call and examine their Goods, as they are determined that no House in Toronto shall undersell them.

J. SWAIN & Co., Sign of the big Green T, Mammoth House, opposite the Market, King Street Toronto.

NOTICE!—The Subscribers have just received, from New York and other Markets, in connection with their own HYGEIAN MEDICINES, a choice selection of Perfumery, Fancy Soaps, Genuine Patent Medicines, &c., all of which can be had, on the Second Story, over their Grocery Establishment, both Wholesale and Retail.

J. SWAIN & CO.

Mammoth House, opposite the Market, Toronto, January 21, 1850

Wm. McDougall,

ATTORNEY-AT-LAW, CONVEYANCER, &c, &c, TORONTO, CANADA WEST,

Office, King Street, Two Doors West of Yonge Street.

Toronto, Jan. 21. 1850.

JOHN TYNER,

BOOT AND SHOE MANUFACTURER

No. 83, YONGE STREET, Sixth Door North of Adelaide Street.

Toronto, January 21. 1850.

N R LEONARD,

House, Sign, and Ornamental Painter; Glazier, and Paper, Hanger; Looking-Glass and Picture Frame Maker,

DEGS respectfully to inform his friends and the Public, that he continues in his old stand on Yonge Street, second door South of Queen Street; where he keeps constantly on hand a general assortment of Looking-Glasses and Picture-Frames, and a quantity of Paper Hangings.

N. R. L. embraces this opportunity of expressing his thanks to his Friends and the Public for the share of patronage he has hitherto received; and, by constant attention to the orders of those who may favor him, he hopes to secure as formerly, in the various parts of his business, public support.

N. P.—A fresh supply of Paper Hangings, of various Patterns, English, French and American, cheap for cash. Toronto, Jan. 21st, 1850.

The York Paper Mill

AND WHOLESALE AND RETAIL

SCHOOL BOOK, ACCOUNT BOOK, PAPER AND STATIONERY WAREHOUSE,

Yonge Street, Toronto; and King St. Hamilton

THE Subscribers having leased the York Paper Mill and purchased the entire Stock-in-Trade, Type Presses, Bookbinding Tools, &c., &c., of the late firm EASTWOOD & CO., are now able to supply the Trade, Country Storekeepers, School Teachers, &c., with Writing and Wrapping Paper, School and Account Book Stationery, &c., at the lowest price, and on the most liberal terms.

The highest price paid for Rags, in Cash, Exchange account. Warehouse, same place as occupied by Eastwood & Co.

J. Eastwood, Jr., the managing partner at Toronto, for several years past conducted the business of the late firm of Eastwood & Co., and will endeavor to merit continuance of the support given to that firm.

J. EASTWOOD, Jr. & Co., Toronto.

C. L. HELLIWELL, & Co., Hamilton

Toronto, Jan. 21, 1850.

BIBLE AND TRACT SOCIETY.

UPPER Canada Bible and Tract Society, No. 7 Yonge Street, Toronto.

JAMES CARLESS, Depository.

THE WATCHMAN,

PUBLISHED ON

Monday Evening

BY T. T. HOWARD.

Office, Post Office Lane, Toronto, Canada West

—TERMS—

Annual Subscription, in advance, 10s Ditto, when not paid in advance, 12s 12 papers to one address per An., each, in advance, 8s

An Agent furnishing 10 subscribers who pay in advance will be entitled to a copy gratis. For every additional five pounds remitted in advance, the party remitting will be entitled to a copy of the Watchman.

Communications to be addressed to T. T. Howard, Box 321, Toronto P. O., invariably post paid, unless of literary character, or from parties acting as Agents gratuitously.

Payments considered in advance if made by the 1st March, 1850.

Ministers of the Gospel and other influential persons respectfully requested to act as Agents for the Watchman

RATES OF ADVERTISING.

Six Lines and under, 2s 6d for first, and 7d for each subsequent insertion.

Over Six Lines, 4d per Line for first, and 1d for each subsequent insertion.

All Advertisements should be accompanied by written directions stating the number of insertions required. If not, they will be inserted till countermanded in writing and charged accordingly.

A liberal discount will be made on persons advertising by the year.

ROBERT BOYLE, Printer.