

MIRAMICHI ADVANCE

VOL. 8--No. 5. CHATHAM, NEW BRUNSWICK, DECEMBER 1, 1881. D. G. SMITH, EDITOR & PROPRIETOR.

GENERAL BUSINESS. HARDWARE!

500 Kegs Cut Nails and Spikes... 200 Kegs Wrought and Galvanized Nails... 15 Tons Best Red Iron...

It is impossible for me to enumerate to the public more than a few lines of goods I keep in stock...

J. R. GOGGIN, General Hardware Merchant, Chatham.

Patronize Home Manufacture

I am now prepared to supply the Public with... Doors, Windows, Blinds, HOUSE FINISHING...

Having a practical experience of this branch of the Trade for THIRTY-THREE YEARS...

GARRIAGE TRIMMING executed in a tasteful and workman-like manner.

For Sale, 50,000 Pine Shingles, R. FLANAGAN'S.

Hotels, Metropolitan Hotel, Wellington Street, Chatham, N. B.

Anglers and Sportsmen, a Man who Knows How to Keep a Hotel...

Sample Room Building, practically designed after consultation with LEADING COMMERCIAL TRAVELLERS...

FIVE SAMPLE ROOMS calculated to meet the requirements of all classes of business.

DOMINION HOUSE, CHATHAM. The Subscriber begs to inform his friends and the public...

DOMINION HOUSE, Water Street, Chatham. This recently refitted and refurbished it, and is now prepared to accommodate both travellers and permanent boarders...

BARKER HOUSE, Fredericton. I beg to announce to the travelling public that I have again assumed charge of the Barker House...

THE PIANO AND ORGAN. My stock of Stupid and Fancy Dry Goods is large and will be found well assorted...

TO BUILDERS. The subscriber begs leave to announce to his Patrons and the Public that he is now prepared to execute all orders entrusted to him with dispatch...

Dwelling Houses, Stores, ETC., INCLUDING: Doors, Window Sashes & Frames, Mouldings, Stair Rails, Banisters, & Newel Posts, etc.

Window Shutters & Venetian Blinds, with dispatch.

PLANS, DESIGNS AND SPECIFICATIONS furnished on application.

PRICES REASONABLE! GEORGE CANADY, Architect.

General Business. HOLLAND GIN

IN BONDED WAREHOUSE. 55 Quarter Casks Gin, 35 Octaves, do, 320 Green Cases, do.

FOR SALE BY LEE & LOGAN, 45 and 47, DOCK STREET - ST JOHN.

DOCK STREET - ST JOHN. SPIRITS AND RYE WHISKY - Arrived from Toronto: 15 barrels Goddard Work Pure Spirit, 40 per cent. o. p. 30 barrels Goddard & Work's finest Rye Whisky.

Special Notice. On and after this date, until further notice, the Steamers of this line will make four trips a week, leaving their wharves, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday.

International Steamship Co. On and after this date, until further notice, the Steamers of this line will make four trips a week, leaving their wharves, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday.

THE INTERCOLONIAL EXPRESS COMPANY. FORWARDERS Merchandise, Money and Packages.

REFINED IRON. Lowmoor, Swede, Londonderry and English common Best Iron and Pig Iron.

CAST STEEL. Thos. Firth and Son's Extra Aye, Tool and Drill Steel.

Spring, Sleigh Shoe & Tire Steel. ALSO - ROUND MACHINE STEEL.

Tinplates, Sheet Iron, Black and Galvanized.

Commercial House. Now opening a very large assortment of NEW SPRING Staple & Fancy Dry Goods.

MILLINERY, HATS - CAPS, CLOTHING, DOYLES, VALISES, CARPET BAGS, CURTAIN MATERIAL, TABLE LINEN, TOWELS, NAPKINS, TOWELS, HAMBURG, TRIMMINGS, LACES, EDJINGS & FRINGES, HALL & ROOM PAPER, OILCLOTH, SMALL WARES & NICK, NACKS.

Grocery Department. 125 Bbls. Choice Superior Extra Flour; 10 Bbls. No. 1 Bay Fall Herring; 10 Bbls. No. 1 Bay Fall Herring; 10 Bbls. No. 1 Bay Fall Herring.

Photograph Frames, AT THE MIRAMICHI BOOKSTORE.

Traveler's Column. 1881. International Steamship Company.

SUMMER ARRANGEMENT. Four Trips a Week.

ON AND AFTER JULY 10th, and until further notice, the Steamers of this line will make four trips a week, leaving their wharves, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday.

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Medical. JOHN M'CURDY, M.D., PHYSICIAN AND SURGEON, CHATHAM, N. B.

HEARTBURN OR SOUR RISING. Operation after eating, and every form of DYSPEPSIA well relieved by...

PERISTALTIC LOZENGES. The restore the action of the Liver and Stomach, and cure COSTIVENESS and its results.

DR. CHANNING'S Sarsaparilla FOR THE BLOOD. A HIGHLY CONCENTRATED PURELY VEGETABLE Sarsaparilla.

ALL SKIN-DISEASES, TUMORS, ENLARGEMENT OF THE LIVER AND SPLEEN, RHEUMATIC AFFECTIONS, DISEASES OF THE KIDNEYS, BLOOD & URINARY ORGANS, LEUCORRHEA, CATARRH, AND ALL DISEASES RESULTING FROM A DEPRAVED AND IMPURE CONDITION OF THE BLOOD.

W. & R. Brodie, Commission Merchants AND DEALERS IN FLOUR, PRODUCE AND PROVISIONS.

WILLIAM J. FRASER, COMMISSION MERCHANT, IMPORTER AND DEALER IN TEAS, SUGARS, MOLASSES & C.

UPPER WATER STREET, CHATHAM, N. B. CORRESPONDENTS PROMPTLY ATTENDED TO.

Notice. All persons having any legal claim against the Estate of the late Miss Carroll, of Bathurst, are required to render the same duly attested to the undersigned, within 30 days of date, and all persons indebted to the said estate are required to pay the same.

IRON PIPE AND FITTINGS. GLOBE and ANGLE VALVES; STEAM COCKS; GLASS WATER GAUGES; STEAM GAUGES; INJECTORS, STEAM PUMPS; RUBBER and LEATHER BELTING.

And a Full Line of Machinists' Supplies. WISDOM & FISH, 41 Dock Street, St. John, N. B.

"HALT EYES FRONT" IF YOU Want a Cook Want a Clerk Want a Teacher Want a Situation Want to sell or buy a farm Want to place to Board Want to buy or sell property Want to sell Groceries or Drugs Want to find custom for anything ADVERTISE IN THE MIRAMICHI ADVANCE. Advertising will gain new customers. Advertising will keep old customers. Advertising liberally always pays. Advertising shows energy. Advertising begets confidence. Advertising shows every situation. Advertising shows pluck. Advertising and succeed. Advertise or fail. Advertise largely. Advertise well. Advertise.

Albert Lime. THE A. B. LIME AND CEMENT COY. Are now prepared to furnish their Best Quality Selected Lime by the Car Load at ALL STATIONS ON THE ALBERT and INTERCOLONIAL RAILWAYS.

Tonsorial Artist, PHYSIOGNOMICAL HAIR DRESSER, Facial Operator, Cranium Manipulator & Capillary Abridger. Shaves and Hair Oils.

Canada House Building. Chatham, September 28th, 1881.

Miramichi Advance. "Advance" Scientific Miscellany.

Bequerel has proven that most penetrates grass-covered ground more slowly than bare ground.

For several years, a French chemist has been engaged in the interesting experiment of raising plants in a soil produced artificially. His plants have been unusually fruitful.

Self-luminous photographs, which shine in the dark, can be made by laying a transparent "positive" upon a sheet of Balmain's luminous paint, and then exposing the latter to sunlight. The picture lasts only a short time.

The largest photographs ever produced have been made by a photographer of Sydney, Australia. Among his subjects are two panoramic views of the cities of Sydney and Melbourne, each composed of about a dozen separate sheets harmoniously united. One picture, printed from a single negative, is five by three feet.

A special form of the Swan electric lamp - which lamp is constructed on principles almost identical with Edison's - has been designed as a safety lamp for coal mines. It is perfectly safe so long as the glass is not broken and there is no "sparking" from broken wires. This method of underground lighting is soon to be tried experimentally in an English colliery.

In investigating the effects of the electric light, German scientists have found that it is not only healthier than other methods of illumination in leaving the air purer, but that it increases the power of vision in some respects, especially in distinguishing colors. Red, blue and yellow are made much more distinct and marked under this light than by daylight. This is also true of green.

A Roumanian engineer is reported to have produced a new submarine boat capable of remaining under water for twelve hours, and which may be sunk to a depth of seven or eight hundred feet. Illumination on board the vessel enables its officers to see for a distance of one hundred and thirty feet under water. In the light of recent progress, the realization of Jules Verne's "Twenty Thousand Leagues Under the Sea" seems an almost probable event of the near future.

Faure's new secondary or storage battery brings forth a valuable agent, electricity, within easy reach of the surgeon. A practical application of the new battery has been successfully made by Dr. George Buchanan, of the University of Glasgow, in the removal of a tumor from the tongue. As the new instrument enables one to carry stores of electricity in his pocket, Dr. Buchanan believes the use of the electric current will now be greatly extended.

The personal interest taken in scientific matters by the Emperor of Brazil is shown by a note which has recently been transmitted to the French Academy upon the time of Jupiter's rotation. The sharpness of outline and distinctness of the color of the great brown spot which has been so long visible upon Jupiter's surface has enabled a Brazilian astronomer, Mr. Craik, to deduce from nearly 1000 rotations a period of 9 h. 55 m. 38 s. as the length of day of the huge planet.

A discovery of more than usual interest in connection with the history of ancient man, has been made in Spain. Some lead miners in the province of Segovia, about seventy miles northwest of Madrid, recently broke into an immense cavern, in the interior of which they found, upon an arduous descent, the remains of about five hundred human skeletons of both sexes. Chipped stone and quartz implements, and fragments of rude pottery, were also obtained. Ten well-shaped and perfect skulls of a pre-historic type were recovered.

It is asserted that the common black ant is largely cultivated by the leading orchardists of northern and southern Germany. They believe the insect to be the fruit-grower's best friend. They establish ant hills in their orchards, and leave the trees in the exclusive care of the tiny colonists, whose time is devoted to climbing the stems of the fruit trees and cleaning their bark and leaves of all malefactors, mature as well as embryonic. The aphids thus secured are brought to the ground, and consumed or safely stored away. They never meddle with sound fruit, but invade only such apples, pears and plums as have already been penetrated by the canker, which they remorselessly pursue to its fastness within the very heart of the fruit. Nowhere are the apple and pear trees so free from blight and destructive insects as in the immediate neighborhood of a large ant hill five or six years old. The favorite food of the ants appears to be the larvae and pupa of those insects most destructive to the tender shoots and young leaves of fruit trees.

The tracing of the "evolution of the tides" is a work in which Mr. G. H. Darwin, son of the great naturalist, has long been engaged. The results of his labors formed the subject of a recent lecture by Dr. Ball, the Astronomer Royal for Ireland. The effect of the tides on the earth is to reduce its rate of rotation and lengthen its day. As the earth from this cause turns slower and slower, the moon must be gradually receding from it. This has been going on for ages, and millions of years ago - how many millions cannot be told -

earth must have revolved on its axis in two or three hours, while the moon, then very near to the earth, must have whirled around the large globe in a period equal to the earth's day. Mr. Darwin traces the tidal evolution to this primeval condition of things. Farther back is uncertainty, but he conjectures that in a very remote period a matter of great importance was thrown off from the earth, forming the moon. In the early days of the latter, its effect on the earth's surface must have been tremendous, producing tides a thousand or two thousand feet high.

A regularly interrupted beam of light - obtained by rotating a disc with a circle of apertures in the path of the beam, - meeting a selenium cell in an electric circuit with a telephone, produces a musical sound in the telephone. This constitutes a form of the photo-telephone - or radiophone, as it has been re-named - and Mr. Reuleaux has recently applied the same principle to telegraphy. By pressing a Morse key he causes a diaphragm to be raised before the apertures in the disc, and thus, by interrupting the note in the telephone for long and short intervals, gives the Morse alphabet acoustically. These sounds may be transmitted to stations at a long distance away over the ordinary wire, and a little practice is said to enable the operator to easily receive and interpret the messages. The system admits of several messages being simultaneously sent over one wire, in the same or different directions. This is accomplished by means of several sets of apparatus with the wire. The disc of each set is made to give a different note (by increasing the speed or the number of holes), and each listener with a telephone confines his attention to one note, to the exclusion of others, and catches the interrupted notes of it. It is claimed that this is not at all difficult. The system is stated to be applicable to long lines.

A singular case of the production of sound without the aid of living creatures has been observed by Mr. Reuleaux while hunting in the Roderbachtal, near the highest point of the Rhine Province. The ground is, in the main, gently undulating and heavily wooded. The valley, spacious on the eastern side, narrows rapidly to a sort of pass, through which the Roderbach flows westwards for about half a mile. A southwest wind was blowing, and Mr. Reuleaux, coming along the hillside from the east, heard what appeared to be the strokes of a fine deep-toned bell in rapid succession. There was no such bell in the neighborhood, and some other sounds soon heard, satisfied him that the effects were of natural origin. Tones were heard growing in force as he advanced, then dying away; they were like those of organ-pipes at first, but their "clang" came to resemble that of a violin or harp. At the mouth of the pass, however, the sounds seemed to radiate, there was a strange agitation in the air, and mixtures of sounds, some of which abruptly stopped. Mr. Reuleaux supposed bodies of air in various motion, or tremors, to have been carried along from the pass, and the sound to have been due to conflict between the outer and the inner air at the mouth of such tremors, producing oscillations. The marked difference in temperature between the higher and lower parts of this mountain valley is said to be a very important factor in the case; the cold air above pressing on the warm below, and closing the pass to a sort of tube. The wind seemed to be quiet except in the lower parts.

Modern Maytals. London society is growing democratic. In the early days of the New York Evening Telegram there are many signs of this tendency. The Marquis of Lansdowne is selling coats; Princess Beatrice is illustrating Christmas books; The Duke of Marlborough is sending his library to the auction room; Mrs. Langtry is preparing for the stage; Mr. O'Connell is making his way to the lecture platform. A spirit of republican freedom, a contempt for tradition, a desire to work and be of some use in the world, is gradually entering the stately portals which James de Rothschild in gorgeous liveried used to guard from the intrusion of foreign ideas. It may, of course be not wholly disinterested, and a handsome profit may be drawn from the capture of the British citizen paying his bill to the "Most Noble" in various guises of the critic viewing the drawings of the Queen's daughter, of the shopman watching a professional beauty dance in tight at the Gaiety Theatre, and of the maiden listening to a poet who takes tea with the Prince and Wales. But it is just as fairly attributed to a genuine quest of democratic feeling, and America, which sent this due to Europe, should see that it does not idly spend its force. Herald.

Humbugged Again. I saw so much said about the merits of Hop Bitters, and my wife who was always doctoring, and never well, teased me so urgently to get her some, I concluded to try it for her. I bought a bottle of Hop Bitters, and my wife was cured and has remained so for eighteen months since. I like such humbugging. - H. T. St. Paul. Pioneer Press.

Sensible Advice. You are asked every day through the columns of newspapers and by your Druggists to use something for your Dyspepsia and Liver Complaint that you know nothing about. You get discouraged and pay money with but little success. Now to give you a satisfactory proof that Gray's Acute Flower will cure you of Dyspepsia and Liver Complaint, and its effects, such as sour stomach, Sick Headache, Indigestion, Constipation, palpitation of the Heart, Heart-burn, Water-brash, Fullness at the pit of the Stomach, Yellow Skin, Coated Tongue, Indigestion, Swelling of the head, low spirits, &c., we ask you to go to your Druggist and get a Sample bottle of GRAY'S ACUTE FLOWER for 10 cents and try it, or a regular size for 75 cents. Two doses will relieve you.

ZEPHER FROM BRAZIL. - As a result of the new commercial enterprise just assuming importance with Brazil, is the introduction of Zepher, so justly celebrated where it is known for the cure of all forms of Indigestion. The company have opened a laboratory in Toronto. Zepher comes to us highly endorsed and recommended, its wonderful affinity to the Digestive Organs, its certainty to relieve and cure Dyspepsia and Constipation, makes this remarkable compound a necessary in Canada. The Company makes sample bottles at the trifling cost of 10 cents. Sold by MACKENZIE & Co., Chatham, N. B.