

BUSINESS NOTICE. The "MIRAMICHI ADVANCE" is published at Chatham, Miramichi, N. B., every Thursday morning...

MIRAMICHI ADVANCE

VOL 7--No 21. CHATHAM, NEW BRUNSWICK, MARCH 24, 1881. D. G. SMITH, EDITOR & PROPRIETOR. FOR TERMS--See Business Notice.

Advertisements are placed under classified headings...

500 BUSH SALT, In Bags and Bulk. 30 Bbls. Bay Herring, in bbls and half bbls...

GEORGE WATT, MUIRHEADS WHARF. I have been informed that W. S. Brown, now of New Brunswick, has been endeavoring to collect...

NEW GOODS! NEW GOODS! FANCY GOODS. D. M. LOGGIE & CO. are now opening a large and varied stock...

Fraudulent Note. I hereby warn any person from accepting or negotiating my note for \$5 bearing date 22nd Dec. 1880...

STEAMER LORNE. To be sold by private contract the Steamer "Lorne" of 100 tons...

Metropolitan Hotel. The subscriber, having purchased the well known residence lately occupied by Hon. Wm. M. Kelly...

DOMINION HOUSE, CHATHAM. The Subscriber begs to inform his friends and the public that he has leased the Dominion House...

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

PARK HOTEL, KING SQUARE, ST. JOHN. I shall continue to run the Park Hotel in my usual first class style...

Canada House, CHATHAM, NEW BRUNSWICK. WM. JOHNSTON, PROPRIETOR. Considerable outlay has been made on this house...

ROYAL HOTEL, King Square. I have the pleasure in informing my numerous friends and the public generally...

ROSEWOOD, WALNUT and OTHER COFFINS. WM. McLEAN, UNDERTAKER. Chatham, Nov. 1, 1880.

COFFINS & GASKETS. The Subscriber has on hand at his shop, a superior assortment of Coffins and Gaskets...

TOILET ARTICLES. are constantly being replenished. At the NEW DRUG STORE, MACKENZIE & CO. Chatham, Dec. 21, '80.

TO Let. The dwelling house situate on the corner of Henderson and Duke Streets in Chatham. Apply to JOHN HAYLAND & A. H. JOHNSTON.

LANGUAGES. Miss Lily Allen, is prepared to receive on reasonable terms, persons desiring to obtain a thorough knowledge of the French and Italian languages...

House and Rooms to Let. To Let, on 1st May next, the cottage on Wellington Road, now occupied by Mr. D. T. Johnson...

General Business. Turkeys, Geese, Ducks and Chickens. On hand, a fine assortment of goods for the Holiday Season...

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Removal. The Subscriber has to inform the inhabitants of Chatham, that he has taken the Bakery, formerly occupied by Mr. F. A. Master, near Mr. Thomas Fontaine's store...

Traveler's Column. 1880-81. Clean, Comfortable, Noiseless & Durable. Also, in stock, the DOMINION CONICAL SPRING MATTRESS, neat, light, cheap and comfortable.

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GENERAL BUSINESS.

CHATHAM RAILWAY. WINTER 1880-81.

Table with columns: LOCAL TIME TABLE, THROUGH TIME TABLE, EXPRESS, ACCOMMODATION, DEPART, ARRIVE, CHATHAM, MONDAY, NOV. 29TH.

ON and after MONDAY, NOV. 29TH, Trains will run on this Railway, in connection with the Intercolonial Railway, as follows:-

GOING NORTH. LOCAL TIME TABLE. CHATHAM, DEPART 4:15 p.m. 12:40 a.m., CHATHAM, ARRIVE 4:55 a.m. 1:10 p.m.

GOING SOUTH. LOCAL TIME TABLE. CHATHAM, DEPART 12:40 a.m. 11:00 a.m., CHATHAM, ARRIVE 2:30 p.m. 11:15 p.m.

Trains leave Chatham on Saturday night to connect with Express going South, which runs through to St. John, and with the Express going North, which runs over to Campbellton via Monday.

The above Table is made up on I. C. Railway standard time, which is about the time kept at Chatham.

All the local Trains stop at Nelson Station, both going and returning. All freight transportation over this road, if over Fourth (4th) Class, will be taken delivery of at the Union Wharf, Chatham, and forwarded free of Truckage, Custom House Entry or other charges.

Chatham Passengers wishing to return from the Junction, by the express train may obtain tickets of the trip both ways at one fare.

Tickets for the Chatham Railway are sold at the Junction Station as well as at the Chatham end of the line and all passengers are requested to procure them before going on the Cars. Passengers who are not provided with Tickets will be charged extra fare.

NEW GOODS! NEW GOODS! FANCY GOODS. D. M. LOGGIE & CO. are now opening a large and varied stock of goods most desirable for the trade.

Water Street, Chatham, Opposite Golden Ball. A. & R. LOGGIE, have on hand and are selling low, a large assortment of Dry Goods and Ready-Made Clothing.

Men's Hand-Made Boots, Men's Youths' and Children's Factory-made Boots. Also, a large assortment of Women's and Misses' Boots and Rubbers.

SHELF AND HEAVY HARDWARE. FULL LINE OF CHEAP FURNITURE. STOVES, STOVES, STOVES. In all the best patterns at the lowest prices.

ALL KINDS OF TINWARE. CROCKERY, GLASS AND EARTHENWARE. A full stock of GROCERIES AND PROVISIONS. FOR SALE LOW.

DRIED CODFISH, DRIED LING, No. 1 FALL HERRING, WINTER APPLES. COUNTRY PRODUCE BOUGHT AND SOLD. Black Brook, Feb. 1, '81.

THE CHATHAM UNDERTAKER. The Subscriber is prepared to enter into contracts for supplying Tin Cases for Casketing. He has had a large experience in the business...

FISH, MEATS OR FRUIT. The Subscriber is prepared to contract for cases and find the materials of which they are made, or merely to do the making of materials furnished. The best references given. Estimates furnished on application.

H. P. MARQUIS, Tinsmith, Chatham, N. B. Tonsorial Artist, PHYSIOGNOMICAL HAIR DRESSER, Facial Operator, Cranium Manipulator & Capillary Abridger. Shaves and Hair Cuts WITH AMBROSIUS FACILITY.

Canada House Building, Chatham, September 23rd, 1880. UNDERTAKING. The undersigned respectfully intimates to the public that he intends to give his sole attention to the

UNDERTAKING BUSINESS, and is prepared to furnish COFFINS to order on the most liberal terms. All orders left at the Subscriber's house will be promptly attended to.

JAS. A. CORMACK, Chatham, St. John St. OYSTERS AND HADDIES. Consignments of oysters sold. Good reference if required.

Brokering, etc. W. & R. Brodie, Commission Merchants AND DEALERS IN FLOUR, PRODUCE AND PROVISIONS. No. 16, ARTHUR STREET, Next the Bank of Montreal QUEBEC.

WILLIAM J. FRASER, COMMISSION MERCHANT, Importer and Dealer in TEAS, SUGARS, MOLASSES &c. HEAD OF CENTRAL WHARF, UPPER WATER STREET, HALIFAX, N. S. CONSIGNMENTS PROMPTLY ATTENDED TO.

CANADIAN TWEEDS, English Coatings, Broadcloths, Doekens, etc. Gentlemen's and Youths' Garments are also made to order from materials furnished by the subscriber.

F. O. PETERSON, Tailor, Opposite the Golden Ball, Chatham.

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BY-LAWS.

Miramichi Advance. CHATHAM, MARCH 24, 1881. "Advance" Scientific Miscellany. L'Electricite has taken the trouble of devising a plan for producing "spirit voices" by means of a telephone or microphone.

Portable electric lighting machines are being made in France, the steam motor being employed at will to transport the machine or produce the light.

A wealthy merchant of St. Petersburg, Herr Julius Gillis, has offered a prize of one thousand dollars for a popular work on "Kant's views on the Locality of Time and Space."

An agricultural experiment association has been formed by a number of Sussex (Eng.) landowners. Its object is to experiment with manures and crops upon several varieties of soil.

Changes in thermometers ranging as high as eight to ten degrees have been found to occur when applied to certain purposes, and kept at a high temperature for a considerable period.

M. Goyard, a French physician, has lately called the attention of medical men to a case in which a new-born infant, apparently dead, was recalled to life by immersion in a bath of water heated to about 120 degrees Fahrenheit.

By treating the wood of the heater or poplar with a hot solution of alum, a liquid of a bright yellow color is produced, which deposits a greenish resin. This forms a new coloring matter, called "verine."

The brain-weight of man exceeds that of all animals except the elephant (4500 grammes) and the larger Cetaceae (2500 grammes). The brain-weight of the largest apes is hardly a third of man's.

Prof. Bischoff's data comprise the weights of brain of 550 men and 347 women.

M. Chappin suggests that the presence of ozone in the upper regions of the air may give to the sky its blue tint. He argues that ozone is constantly being produced by electrical discharges, and recent researches have shown that ozone is blue in color.

According to a recent work by Prof. Bischoff, an eminent Munich anatomist, the average weight of the human brain is 1362 grammes for man and 1219 grammes for woman. The difference between the average brain weight of man and woman thus amounts to 143 grammes, or 10 1/2 per cent.

Dr. Theobald lately exhibited a beetle at a scientific meeting, giving these figures to illustrate its physical strength: Weight of beetle, two grains; weight moved by it, 5 1/2 ounces--1,320 times the weight of the beetle. A man of 150 pounds weight, endowed with the strength of this insect, should, therefore, be able to move 198,000 pounds, or nearly 100 tons.

An insect has no lungs, states Mr. J. G. Wood. It respire after a manner totally different from that of higher animals. The "spiracles" admit air into two tubes, which run along the sides of the body. The insect does not breathe through its mouth or through its body. It has a large number of brains through the body, which explains why it is so difficult to kill an insect, as each separate brain has to be destroyed.

Dr. Delany, a well-known Paris scientist, claims the discovery of a curious means of gauging a person's intelligence. To ascertain the qualities of an applicant, give for instance, it is sufficient to offer a plate to clean, or sauce to make, and watch how she moves her hand in either act. If the motion is from left to right, or in the direction of the hands of a watch, she may be trusted; if the other way, she is sure to be stupid and incapable. The intellectuality of other people may, in like manner, be determined by requesting them to draw a circle on paper, and noting in which direction the hand is moved. The inferiority of the weak-minded is invariably indicated by their drawing from right to left.

The influence of the moon on the temperature, was the subject of a paper recently read to the French Meteorological Society by M. Courdeveche, giving the result of eight years' observations at Saint-Maur observatory. Comparing the mean daily temperatures for the months of March, April and May, he shows that the temperature decreases until the fourth day after new moon, rises to its highest point on the sixth (an average of 14.8 degrees), falls again until the eleventh day (to 12 degrees), then rises to 14.4 degrees, until the sixteenth day, falls again until the twentieth or twenty-first (to 10 degrees) then rises with slight variations until the end of the lunar period. Taking into account only the minima, which are of special interest on account of night frosts, the moon's influence is still more distinct. The highest minimum (nine degrees) occurs about the sixth day, and the lowest (about three degrees) on the twenty-first. Thus according to M. Courdeveche's researches, night frosts are most probable about the twenty-first day of the moon.

A novel mode of propelling vessels has been described to the French Academy by M. Grandt, who says he has constructed apparatus for the purpose. The principal agent is electricity. One or more sets of electro-dynamic apparatus are driven by an ordinary steam-engine. The electric current is sent through a voltmeter containing acidulated water. The oxygen and hydrogen arising from decomposition of the water are led, in a tube, fore or aft in the boat, according to the direction in which it is desired to go. The tube above which aperture is an induction coil arrangement, by which sparks are passed between two insulated platinum points. The explosion of the gases thus caused propels the boat. May this idea

not lead us to hope that, after all our misgivings, some use may be found for hundred-ton guns? The recoil produced by the rapid firing of charges of several hundred pounds of powder ought surely to make the guns valuable as motors for vessels!

Official Report on Professor Hind's Charges. (Ottawa "Citizen"). Returns have been laid before both Houses of Parliament, consisting of letters and pamphlets by Prof. H. Y. Hind, charging the late Government with having used official documents at the Halifax Commission, in 1877, which were deliberately falsified. The papers are voluminous, evincing an amount of inventive activity on the part of Prof. Hind worthy of an honest poet and a useful end. They are accompanied by a memorandum addressed to the Prime Minister, at his request, by the Commissioner of Fisheries. This memorandum deals with the subject in a candid and effective manner, which Mr. White's experience of the fisheries question and the proceedings at Halifax so well qualify him to do. The charges, he says, stripped of much verbiage, import mainly to tales of experis and imports founded upon the trade and navigation records. These exhibits were adduced in evidence and attested personally by a competent officer of the Customs Department. Mr. White admits the possible existence of technical errors and anomalies but points out their consistency with the general correctness and truthfulness of the returns, which are believed to be substantially accurate. He denies, and proves, the impossibility of their having been altered for the purposes charged. The object of these statements was to show the extent and operation of the trade in fish between Canada and the United States during a series of years. They were compiled principally from American records, and were verified by comparison with Canadian returns. Similar statements were filed by the United States and proved by expert witnesses were explained in the evidence. Mr. White mentions, as an example, that in the year 1874--which was the year chosen by the United States as the most favorable to their view--the records of the Bureau of Statistics at Washington showed nearly eleven and a half millions of dollars less merchandise exported to Canada than was shown by the Canadian import returns, of which fish formed a proportion. Such difference would be advantageous to the United States; but the discrepancy was satisfactorily accounted for and adjusted.

Professor Hind omitted to stigmatize that fact as a "fraud" or "forgery" on the part of the American. The counter-claim of the United States for remitted duties, being based on the quantities of dutiable fish imported from Canada, it was incumbent on them to establish the basis of computation from their own import returns, which were tested by comparison with the Canadian export returns. Mr. White points out that-- "There are only two methods by which the real state of the fish trade returns between the United States and Canada could have been altered for sinister purposes. The first is by decreasing the quantity of dutiable fish exported from Canada, and the second is by increasing the value of the American market and the dealer and fisherman, and to reduce the amount of customs duties accruing thereon, the remission of duties might be applicable as compensation in part for privileges conceded by the treaty. The second is by increasing the quantity of fish subject to duty imported from the United States into Canada, showing thereby the practical advantage of the Canadian market, and a proportionate sum of duties remitted by Canada in reduction of the duties payable against her. As the United States import returns would correct the first, and their export returns would disprove the second, any deception of this nature were simply impracticable."

Professor Hind's earlier charge related to statistics of the catch of fish, which he represented as being altered designedly. This allegation is disproved of very summarily by Mr. White, who frankly acknowledges that errors occurred in the table compiled from the fishery reports, owing to inefficient aid in the Fisheries Office, but says that Canada, and were mostly unfavorable to Canada, and were virtually corrected by producing in evidence the original reports, no possible wrong to the United States nor injury to Canada could result. Prof. Hind's motive is ascribed to the fact of his having been ill-treated by the British Agent and Secretary. Their conduct towards him affords no excuse for the course he has pursued. "We may add here that complaints prevail of the same regrettable provocations towards others. The following passage seems to be severe, but it is probably justified by the writer's knowledge of the falseness and personal animus of Professor Hind's unpatric accusations, and perhaps some natural indignation at reflections such as these slanderous charges have occasioned-- "It is inconceivable that any man of Mr. Hind's practical experience and literary and scientific ability, could be led astray by personal motives so far as to outrage common sense and to resort to any less of either probity or patriotism, to magnify and distort venial errors and seeming discrepancies into a tissue of 'frauds' and 'forgeries.' Such facts tend only to create distrust in proceedings with which he was himself familiar, and in which his own country was especially interested, are alike incomprehensible and unnecessary."

Mr. White's remarks, make it quite clear that whatever errors existed on either side, the evidence prepared and used throughout was employed in perfect good faith. We can well understand, therefore, the strong confidence felt by Sir Albert Smith, who acted on behalf of the late Administration in declaring to Parliament "that the charges and accusations made by Professor Hind are absolutely and entirely baseless, and that the case on both sides was conducted in a manner becoming to the dignity and honor of both countries."

You Have no Excuse. Have you any excuse for suffering with Dyspepsia or Liver Complaint? Is there any reason why you should go on from day to day complaining with Sour Stomach, Sick Head aches, Habituas Constipation, palpitation of the Heart, Heartburn, Water-Break, Gnawing and burning pains at the pit of the Stomach, Yellow Skin, Coated Tongue and disagreeable taste in the mouth. Coming up at food after eating. Low spirits, &c. No! It is positively your own fault if you do. Go to your Druggist and get a Bottle of GREEN'S Sarsaparilla. It will cure you, and you can be certain, but if you don't do this, get a Sample Bottle for 10 cents and try it. Two doses will relieve you.

LANGUAGES. Miss Lily Allen, is prepared to receive on reasonable terms, persons desiring to obtain a thorough knowledge of the French and Italian languages. For further particulars inquire at the residence of Capt. J. Allen, Water St., Chatham.

House and Rooms to Let. To Let, on 1st May next, the cottage on Wellington Road, now occupied by Mr. D. T. Johnson. It is a new house, well situated, and is in the house occupied by the Subscriber on Wellington Street. The house is well supplied with water, wood, coal, and a good garden. For further particulars, apply to the Subscriber, at his residence, Chatham, Mech. 1, '81.

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