POOR COPY

Board Works
OBSERVE THE ON IT INDICATE TION IS PAID. FROM THOSE WHO
SLIP ON THE PAPER—THE DATE ME TO WHICH THE SUBSCRIP- MITTANCES ARE EXPECTED OF ALREADY MADE THEM.
Feb 28 '75

MIRAMICHI ADVANCE.

VOL. 7—No 24. CHATHAM, NEW BRUNSWICK, APRIL 14, 1881. D. G. SMITH, EDITOR & PROPRIETOR. FOR TERMS—See Business Notice.

BUSINESS NOTICE.

The "MIRAMICHI ADVANCE" is published at Chatham, Miramichi, N. B., every THURSDAY morning in time for despatch by the earliest mails of that day.

It is sent to any address in Canada, the United States or Great Britain (Postage prepaid by the Publisher) at the following rates:—

If paid in advance, - - - $1.00.
" " within 2 months - - - $1.50.
" " after 2 months, - - - $2.00.

Advertisements are placed under classified headings.

Advertisements, other than yearly or by the season, are inserted at *eight cents* per line nonpareil, (or eighty cents per inch) for 1st insertion, and *three cents* per line (or thirty-six cents per inch) for each continuation.

Yearly, or season advertisements are taken at the rate of *Five Dollars* an inch per year. The matter in space secured by the year, or season, may be changed under arrangement made therefor with the Publisher.

The "MIRAMICHI ADVANCE" having its large circulation distributed principally in the Counties of Kent, Northumberland, Gloucester and Restigouche (New Brunswick), and in Bonaventure and Gaspe (Quebec), among communities engaged in Lumbering, Fishing and Agricultural pursuits, offers superior inducements to advertisers. Address

Editor "Miramichi Advance," Chatham N. B.

General Business.

500 BUSH SALT,

in Bags and Bulk.

30 Bbls. Bay Herring, in bbls and half bbls.
10 Half Bbls. Mackerel, Choice and Cheap.
15 Bbls. Extra Beef.
8 " Prime Mess Pork, suitable for family use.
4,000 Lbs. Dried Codfish,
1,000 Lbs. Gilt Edge Butter.
700 Lbs Round Peas.
300 " Split "
400 Lbs. White Beans.
600 Lbs. Rice.

well-bought and for sale low.

Also:—

Tea, Sugar, Molasses, Flour, &c., Cheap for Cash.

☞ Highest value in Cash, given for Raw Fur and Oats.

7y1 GEORGE WATT.
MUIRHEAD'S WHARF.

WARNING.

I have been informed that W. S. Brown, now of Newcastle, but formerly of Red Bank, has been endeavoring to collect certain accounts due me; said accounts being contained in a set of books stolen from my establishment at Red Bank on or about the 6th August, 1878. I hereby prohibit any person from paying, compromising, or settling any portion of the said accounts with the said W. S. Brown, as he has no authority from me for so doing. It is not my intention to collect or in any way trouble the parties in reference to said accounts.

J. B SNOWBALL.
Chatham, N. B., Dec. 18th, '80.

Fraudulent Note.

I hereby warn any person from accepting or negotiating my note for $5 bearing date 3rd December, 1880, and payable in eight months. Said note having been given to W. S. Brown under false representations made to me.

THOMAS HILL.
South Esk, 18th Dec, '80.

MONARCH
BILLIARD TABLES

We are agents for the Brunswick & Balke Co's. celebrated Billiard Tables and Billiard Furnishings generally, Cloths, Balls, Cues, Cue Tips, Chalk, Cement Green Court Plaster, &c. These tables are all fitted with the wonderful "Monarch" Cushion, the very finest, most Elastic and truest Cushion ever made.

Persons about purchasing Billiard Tables for home or public use should write us for prices. Pool and Bagatell Balls turned and colored. Every thing in the Billiard line supplied on short notice.

FURLONG & FOLEY,
22 Charlotte St. St. John, N. B.

$10 Outfit furnished free, with full instructions for conducting the most profitable business that any one can engage in, the business is so easy to learn, and our instructions are so simple and plain, that any one can make great profits from the very start. No one can fail who is willing to work. Women are as successful as men. Boys and girls can earn large sums. Many have made at the business, over one hundred dollars in a single week. Nothing like it ever known before. All who engage are surprised at the ease and rapidity with which they are able to make money. You can engage in this business during your spare time at great profit. You do not have to invest capital in it. We take all the risk. Those who need ready money should write to us at once. All furnished free. Address TRUE & Co., Augusta, Maine.

SEEDS

It will pay purchasers of Seeds to get MY TWENTY-SIXTH ANNUAL PUBLICATION of the Gardeners' Guide, or Calendar of Seeds, now ready to be sent gratis to applicants.

J. A. SIMMERS, SEEDSMAN,
147 King St. East, Toronto.

Hotels.

Metropolitan Hotel.

The subscriber, having purchased the well known residence lately occupied by Hon. Wm. M. Kelly, adjoining the Bank of Montreal, Chatham, and thoroughly refitted and refurnished it as a First Class Hotel, begs to announce that he is now prepared to accommodate regular and transient guests in a satisfactory manner.

There is good stabling in connection with the Metropolitan for the accommodation or board of horses, and conchin, to and from the Railway Station and steamers will be promptly attended to.

JOHN F. JARDINE.

DOMINION HOUSE,
CHATHAM.

The Subscriber begs to inform his friends and the public, that he has leased the

DOMINION HOUSE,
Water Street, Chatham,

and carefully refitted and refurnished it, and is now prepared to accommodate travellers and permanent boarders, on the most reasonable terms. Good STABLING on the Premises.

DAVID McINTOSH.
Chatham, June 25, '80.

BARKER HOUSE,
Fredericton.

BEG to announce to the travelling public that I have again assumed charge of the Barker House, so well and favorably known, and it will be my aim to give entire satisfaction to my patrons as hitherto.

TERMS, FROM $100 TO $1.50 PER DAY,
ACCORDING TO LOCATION.

Coaches are in waiting on the Arrival of all Steamboats and Trains.

I shall continue to run
THE LIVERY STABLES
on my usual first class style, and would respectfully solicit the continued patronage of the public.

ROBERT ORR.

PARK HOTEL
KING SQUARE,
ST. JOHN - N. B.

FRED. A. JONES, - - - Proprietor
(Of the late Barnes Hotel.)

WAVERLEY HOTEL.
NEWCASTLE, - - - - - - - - - - MIRAMICHI, N B

THIS HOUSE has lately been refurnished, and every possible arrangement made to ensure the comfort of travelers.

☞ LIVERY STABLES, WITH GOOD OUTFIT ON THE PREMISES.

ALEX. STEWART.
Late of Waverly House, St. John.) Proprietor

Canada House,
CHATHAM, NEW BRUNSWICK.
WM. JOHNSTON, - - - PROPRIETOR.

CONSIDERABLE outlay has been made on this House to make it a first-class Hotel, and travelers will find it a desirable temporary residence, both as regard location and comfort. It is situated within two minutes walk of Steamboat Landing, and opposite Telegraph and Post Offices.

The Proprietor returns thanks to the Public for the encouragement given him in the past, and will endeavor, by courtesy and attention, to merit the same in the future.

GOOD STABLING ON THE PREMISES

2-52

ROYAL HOTEL,
King Square.

I HAVE much pleasure in informing my numerous friends and the public generally, that I have leased the Hotel formerly known as the "CONTINENTAL," and thoroughly renovated the same, making it, as the "ROYAL," always had the reputation of being, one of the best Hotels in the Provinces.

Excellent Bill of Fare, First-class Wines, Liquor and Cigars, and superior accommodation.

☞ Blackhall's Livery Stable attached.

THOS. F. RAYMOND]
St. John, July 9 1877.

GENERAL BUSINESS.

CHATHAM RAILWAY.

WINTER 1880-81.

ON and after MONDAY, NOV. 29TH., Trains will run on this Railway, in connection with the Intercolonial Railway, daily, (Sundays excepted) as follows:—

GOING NORTH.

LOCAL TIME TABLE.		ACCOMM'TION.	EXPRESS.	THROUGH TIME TABLE.		EXPRESS.	ACCOM'DATION.
Chatham,	Depart	4.15 p. m.	12.40 a. m.,	Leave	Chatham,	12.40 a. m.	4.15 p. m.
Chatham Junc.,	Arrive,	4.45 "	1.10 "	Arrive	Bathurst,	4.35 "	8.00 "
" "	Depart,	4.55 "	2.30 "	"	Campbellton,	7.00 "	12.15 a. m.
Chatham,	Arrive,	5.25 "	3.00 "	"	Rimouski,	12.15 p. m	1.32 "
				"	Rivere du Loup,	3.16 "	6.00 "

GOING SOUTH.

LOCAL TIME TABLE.		EXPRESS.	ACCOM'DATION	THROUGH TIME TABLE.		EXPRESS	ACCOMODATION.
Chatham,	Depart,	12.40 a. m.	10.30 a. m.	Leave	Chatham,	12.40 a. m.	10.30 a. m.
Chatham Junc'n,	Arrive	1.10 "	11.00 "	Arrive	Moncton,	4.30 "	3.45 p. m.
" "	Depart,	2 30 "	11.15 "	"	St. John,	7.30 "	8.35 "
Chatham,	Arrive,	3.00 "	11 45	"	Halifax,	12.40 p. m.	12.40 "

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 lies over at Campbellton until Monday.

Close connections are made with all passenger Trains both DAY and NIGHT on the Intercolonial.

☞ *Pullman Sleeping Cars run through to St. John on Mondays, Wednesdays and Fridays, and to Halifax on Tuesdays, Thursdays and Saturdays, and from St. John, Tuesdays, Thursdays and Saturdays, and from Halifax, Mondays, Wednesdays and Fridays.*

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 for transportation over this road, if above Fourth (4th) Class, will be taken delivery of at the Union Wharf, Chatham, and forwarded free of Truckage, Custom House Entry or other charges.

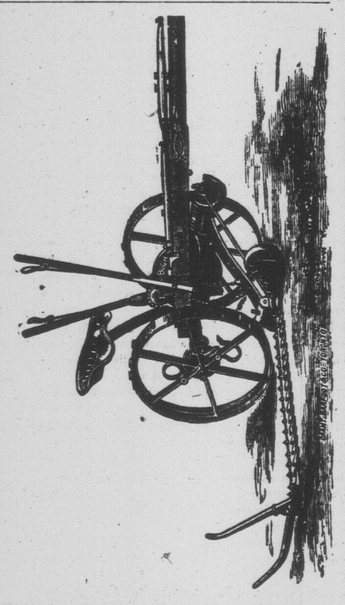
Chatham Passengers wishing to return from the Junction by the same train may obtain Tickets o the trip both ways at one fare.

Tickets for the Chatham Railway are sold at the Junction Station (as well as at the Chatham end 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.

JOHNSTON & CO.,

MANUFACTURERS OF THE

FIRST PRIZE "5 FAN" SEED CLEANER AND SEPARATOR,



AND EXCLUSIVE WHOLESALE AGENTS IN NEW BRUNSWICK FOR

Cossitt's Ithca Horse Hay Rakes.
Cossitt's Improved Buckeye Mowers.
Cossitt's New Light Reapers.
Fleury's Steel Mould Board Ploughs.
Fleury's Root Slicers and Pulpers, and Straw Cutters.
Collard's Patent Flexible Iron Harrows.
Mann's Seed Sowing Attachment to Horse Rakes.
Mann's Turnip and Fertelizer Drills.
Miller's Randall Pulverizing Disk Harrows.

MAIN OFFICE AND WAREHOUSE, Opposite City Hall Fredericton.
BRANCH OFFICE AND WAREHOUSE, Public Wharf Newcastle.
BRANCH WAREHOUSE, Wesley St., opp. east end Queen Street, Moncton.

Large stocks of Machines and Repairs for the same will be kept at these places and smaller stocks will be held on the North Shore, by the agents at Dalhousie, Bathurst and Richibucto.

NOTICE.

Many complaints having been made us, that customers have not been properly treated and Repairs were not to be had when wanted, we have reorganized our Staff on the North Shore and

Will Permanently Locate the following Agents at the Places Named:

who will have full stocks of the above named articles and will take especial pains to supply repairs when needed, and faithfully attend to the wants of our customer. They are all New Brunswickers but one and he claims to have become one by adoption.

GEORGE F. BURDEN.....DALHOUSIE.
NICHOLAS BURDEN.....BATHURST.
PLINY ROSE.....NEWCASTLE.
JOHN McKEEN.....BICHIBUCTO.

The following have been appointed Local Agents.

JOHN G. JARDINE.....CHATHAM.
CHARLES Y. WALKER.....COAL BRANCH.
F. H. JARDINE.....INDIANTOWN.

GEORGE HIL DE BRAND, General Agent, Newcastle.

All correspondence from customers in the North Shore Counties should be addressed

JOHNSTON & CO., Newcastle, Miramichi.

A. & R. LOGGIE,

have on hand and are selling low, a large assortment of

Dry Goods and Ready-Made Clothing.

ALSO:—

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. ☜

A. & R. LOGGIE.

Black Brook, Feb. 1, '81

PRINTING.

Invitation Cards,
Raffle Tickets.
Bill Heads.
Business Cards.
Handbills.
Pamphlets
Reports.
Books, etc., etc.

PRINTED AT THE
"Miramichi Advance" Office,

SUGAR, FRUIT, ONIONS, &c.

LOGAN, LINDSAY & CO,

Have Received:—

45 BBLS. EXTRA C. SUGAR
30 do Granulated do.;
10 Boxes ORANGES;
5 " LEMONS;
10 Bbls ASTRAL OIL;
DAILY EXPECTED,
150 Bbls. ONIONS;
350 Boxes Layer, London Layer, Loose Muscatel and Dehesa RAISINS;
2 Cases BURNETT'S EXTRACTS;
New Walnuts, Almonds, Quinces, &c.;
25 Bbls. AMERICAN OIL, &c., &c.

78 and 80 King Street, St. John.

Traveler's Column.

1880-81.

International Steamship Co.

Winter Arrangement.

TWO TRIPS A WEEK.

ON and after MONDAY, November [illegible] and until further notice, the splendid [illegible] going Steamer "FALMOUTH," D. S. Hall, Master, and "NEW BRUNSWICK," J. Thompson, Master, will leave Reed's Point Wharf every MONDAY and THURSDAY mornings, at 8 o'clock, for Eastport, Portland and Boston, connecting both ways at Eastport, with steamer "Charles Houghton," for St Andrews, Calais and St. Stephen.

Returning will leave Commercial Wharf, Boston, every MONDAY and THURSDAY mornings, at 8 o'clock, and Portland at 6 p. m., for Eastport and St. John.

Through Ticket can be procured at this office, and H. Chubb & Co's, to all points of Canada and the United States.

No claims for allowance after goods leave the Warehouse.

☞ Freight received Wednesday and Saturday only, up to 6 o'clock, p. m.

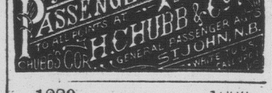
H. W. CHISHOLM, Agent.

D. T. JOHNSTONE.

Chatham Livery Stables.

Regular Coaches to trains leaving and arriving at CHATHAM RAILWAY STATION.

Office and Stables - - - - Water Street, Chatham.



1880. 1880

INTERCOLONIAL RAILWAY.

—AND—

International Steam Ship Company.

JOINT THROUGH TARIFF,

—FROM—

Intercolonial Railway Points.

—TO—

Portland, Boston and New York.

VIA ST. JOHN, N. B.

TAKING EFFECT 1st JUNE 1880.

FROM Intercolonial R. R. Points as under.	TO	Dry Fish in bundles or drdue per 100 lbs	Canned Fish & Meats in boxes, per 100 lbs.	Fresh Meats, Poultry & Game, per 100 lbs.	Fish Lobsters covered with Shell, per 100 lbs.	Fresh Salmon, Bass Trout and Smelt.
Campbellton to New Mills, inclusive.....	PORTLAND, MAINE.	32	38	60	75	56
Jacket River to Bathurst inclusive.....		30	36	58	71	54
Newcastle, Chatham Jun., Chatham.....		27	33	55	65	50
Barnaby River to Weldford, inclusive,.....		25	31	54	61	47
Point du Chene, Shediac.....		24	30	49	56	45
Campbellton to New Mills inclusive.....	BOSTON, MASS.	35	40	60	75	58
Jacket River to Bathurst, inclusive.....		33	38	58	71	56
Newcastle, Chatham Jun., Chatham.....		30	35	55	65	52
Barnaby River to Weldford, inclusive.....		28	33	54	61	49
Point du Chene She diac.....		27	32	49	59	47
Campbellton to New Mills, inclusive.....	NEW YORK, N. Y.	48	53	73	*95	83
Jacque* River to Bathurst, Inclusive.....		46	51	71	91	81
Newcastle, Chatham Jun., Chatham.....		43	48	68	85	77
Barnaby, River to Weldford, inclusive.....		41	46	67	81	74
Point du Chene, Shediac,.....		40	45	62	79	72

* If Barrels of Lobsters are headed up the rate will be 10 cents less than above figures.

Consignees to assume all risks of damage that may be caused by the weather to Fresh Fish and perishable goods.

Boxes of Fresh Fish must be marked on the ends, showing Consignee's name and place of residence

Agents will make separate through way-bills for all perishable freight, and state distinctly on face of way-bill "to go via I. S. S. Company's steamer."

The Intercolonial Railway will deliver to connections in St. John.

Steamers leave St. John every Monday, Wednesday and Friday, at 8, a. m.

T. C. HERSEY, President I.S.S. Co.
D. POTTINGER, Chief Sup't I. C. R.
GEO. TAYLOR, Gen. Freight Agent, I. C. R.

Brokerage, etc.

W. & R. Brodie,

GENERAL
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.

Notice.

The subscriber intends travelling his fast trotting entire horse,

Young Conqueror,

the coming season, between Napan, Chatham, Newcastle, and Nelson. The Old Conqueror stock is well known in the County for speed and durability. Terms made known by the groom.

ROGER FLANAGAN.
Chatham, March 24, '81.

Birthday Cards!

—AT THE—
MIRAMICHI BOOKSTORE

Will be mailed FREE to all applicants, and to customers without ordering it. It contains five colored plates, 600 engravings, about 200 pages, and full descriptions, prices and directions for planting 1500 varieties of Vegetable and Flower Seeds, Plants, Roses, etc. Invaluable to all. Send for it. Address,
D. M. FERRY & CO., Detroit, Mich.

General Business.

Tonsorial Artist,

PHYSIOGNOMICAL HAIR DRESSER,
Facial Operator, Cranium Manipulator & Capilliary Abridger.
Shaves and Hair Cuts
WITH AMBIDEXTROUS FACILITY.
GEORGE STAPLES.
Canada House Building.
Chatham, September 8th., 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 lowest terms.

☞ All orders left at the Subscriber's house will be promptly attended to

JAS. A. CORMACK.
Chatham, St. John St.,

Practical Tailoring.

Gentlemen requiring Suits, or separate Garments, or anything else in the Tailoring line, can have their orders, which are hereby respectfully solicited, promptly attended to by the Subscriber at his shop. A well-selected Stock of

CANADIAN TWEEDS
English Coatings, Broadcloths, Doeskins, etc.,

is now on inspection, for which orders are solicited.

Gentlemen's and Youths' Garments are also made to order from materials furnished by themselves.

F. O. PETERSON, Tailor.
☞ Water St. Chatham.

William Rae,

Upper Water Street, Chatham, N. B.,

IMPORTER AND DEALER IN

Italian, Sutherland Falls and Rutland Marbles.

—MANUFACTURER OF—

Grave Stones and Monumental Memorials, in Foreign or Native Stone.

☞ A good selection on hand. ☜

LANGUAGES.

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

THE CHATHAM
UNDERTAKER.

The Subscriber having been the first in Chatham to establish the Undertaking business, and keep on hand the best

CASKETS & COFFINS,

begs to intimate that he is constantly improving his facilities and can guarantee satisfaction.

He has on hand everything required for the proper interment of both rich and poor, and having started the business to supply a want long felt in the community, believes that the public will recognise his claims to patronage and support.

Orders entrusted to the subscriber will, as usual be satisfactorily attended to.

John McDonald, Undertaker,
CHATHAM, N. B

TIN CASES.

The Subscriber is prepared to enter into contracts for supplying Tin Cases for Canning

FISH, MEATS OR FRUIT.

He has had a large experience in the business and is prepared to guarantee his work.

He is prepared to contract for cases and find the materials of which they are made, or merely to do the making from materials furnished.

The best references given.

Estimates furnished on application.

H. P. MARQUIS, Tinsmith.
Chatham, N. B.

COFFINS & CASKETS

The Subscriber has on hand at his shop, a superior assortment of

ROSEWOOD, WALNUT AND OTHER COFFINS.

which he will sell at reasonable rates.

WM. M'LEAN,
UNDERTAKER.
Chatham, Nov. 1, 1880.

J. D. TURNER,

No. 25 North Side King Square, St. John, N. B.
Dealer in
OYSTERS AND HADDIES.
Consignments of oysters solicited.
Good reference if required.

TIN SHOP.

I have now opened the well known establishment formerly occupied by the late James Gray, and with the kind patronage of former friends, am prepared to execute all work in

TIN,
SHEET-IRON,
GAS-FITTING.

TINWARE

always on hand, which I will sell low for cash.

PLOUGHS,

Also, a nice assortment of

Parlor and Cooking Stoves,

fitted with PATENT OVENS the inner shells of which draw out for cleaning purposes.

Those wishing to buy cheap would do well to give us a call.

☞ *Shop in rear of Custom House.* ☜

ARCHY M'LEAN
Chatham July 22.

Restaurant.

OYSTERS, by the Pint, Quart, or Gallon.

Oysters, served at short notice, in all the ordinary styles.

Also, HOT COFFEE, BREAD, TARTS, PIES, and CAKES on hand. At

T. H. FOUNTAIN'S.
Next door to Ullock's Livery Stables.

DRESSMAKING.

MRS. JAMES CORMACK,

begs to inform the ladies of Miramichi, that she is prepared to attend to any orders in the above line with which she may be favored.

She has associated with her sister, Miss Mayberry, who has had an experience of several year at the business in Boston, and is confident of being able to satisfy patrons in both styles and prices.

General Business.

HARNESS!

Having commenced business in my NEW FACTORY, I am prepared to manufacture harness of all descriptions from the

Light Driving to the Heaviest Team Harness.

And as I work the best stock that can be obtained in the market. I warrant satisfaction.

COLLARS A SPECIALTY, which we warrant. A few of those

CELEBRATED VICTOR HUGO COLLARS,

always in Stock,

Carriage Trimming Neatly Executed

and carefully shipped.

Work from abroad punctually executed.

ALFRED H. PALLEN,
Opposite Ullock's Stables.
Chatham, N. B.

CARD.

T. M. HARRINGTON,
Teacher of
THE PIANO AND ORGAN
would respectfully announce that he is prepared to give MUSIC LESSONS on very reasonable terms

Dressmaking.

MISS H. CLARK, begs to inform the ladies of Miramichi, that she is prepared to attend to any orders in the above line with which she may be favored.

Room up-stairs, Mr. Thomas Kingston's, Water Street Chatham

Notice.

The business heretofore carried on in Nelson, by the Subscriber, in his own name, will in future be carried on in connection with his sons, under the name of Geo. Burchill & Sons.

GEO. BURCHILL.
Nelson, Jan. 26, '81.

Removal.

The Subscriber begs to inform the inhabitants of Chatham, that he has taken the Bakery, formerly occupied by Mr. Philip Analow, near Mr. Thomas Fountain's store. Anything in the bakery line can be had either at Mr Fountain's or at the bakery, and all orders left at either places will be punctually attended to.

The bread wagon will run as usual daily.

JOHN WYSE
Chatham, Aug. 17, th, '80.

G. A. BLAIR,

has on hand, a superior assortment of

READY-MADE CLOTHING,
—COMPRISING—
Men's, Youths' & Children's Suits,
IN CLOTH, TWEED & VELVET.

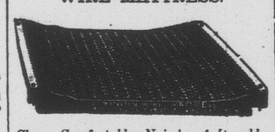
Which he is offering at prices suitable to the times.

—AT THE—
GOLDEN BALL,
BOOT & SHOE STORE
—AND—
Furniture Emporium,

Can be found all the newest styles of Boots and Shoes of the best quality procurable, and sold at the lowest possible rates

The latest novelty in the Furniture line, is the

Improved, Adjustable, Dominion WIRE MATTRESS.



Clean, Comfortable, Noiseless & Durable.

Also, in stock, the Dominion CONICAL SPRING MATTRESS, neat, light, cheap and comfortable.

FOTHERINGHAM & Co

LONDON HOUSE,
CHATHAM, N. B.

Dress Goods, Prints, Cottons, Flannels, Tweeds, Hosiery, Scarfs, Clouds, Underclothing, Smallwares and Fancy Goods,

at a small advance on cost in order to clear our Stock.

A good assortment of Groceries, Hardware and Cutlery always on hand.

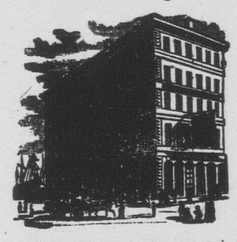
WHOLESALE AND RETAIL.

Flour, Corn and Oat Meal, Tea in Chests, Half Chests, and Quarter Boxes, Tobacco, Sugar, Soap, Butter &c., at lowest cash prices.

Feb. 3, 1881. RICHARD HOCKEN.

FISHERMEN!!

Nets, Seines, Traps, Etc.



NETTINGS,

of all kinds in stock, in large quantities, of best quality at Lowest prices.

H. & G. W. LORD,
111 Commercial St., Boston.

☞ Fishermen can be supplied at A. & R. Loggie's, Black Brook.

SPIRITS AND RYE WHISKEY.—Arrived from Toronto: 15 barrels Goderham Worts' Pure Spirits, 65 per cent. o. p.; 35 barrels Goderham & Worts' finest Rye Whiskey.

JOHN W. NICHOLSON
St. John.

TO FARMERS.

TO ARRIVE:

30 BUSH. Fife Seed Wheat,
5 " Lost Nation,
30 " Timothy seed,
10 " Clover Seed,

Parties requiring the above would do well to leave their orders with the Subscriber as soon as possible.

W. S. LOGGIE.

NOTICE.

The Subscribers beg leave to notify all parties indebted to them, that unless their accounts are paid by the middle of this month, (October) legal means will be taken to collect the same.

J. S. & J. B. BENSON.
Chatham, 4th October, 1880.

Miramichi Advance.

CHATHAM. - - - - - APRIL 14, 1881.

"Advance" Scientific Miscellany

A phonograph of an improved construction is to be tried at Paris for teaching pupils the pronunciation of difficult words in foreign languages.

All ordinary fruit acids are said to act upon tin, and one case is reported in which persons were made violently sick from eating fruit preserved in tin cans, no foreign substance except tin being found in the fruit.

Sir Wyville Thompson has estimated that the pressure upon a man's body at a depth of 12,000 feet beneath the surface of the sea would be equal to a weight of twenty locomotives, each with a good train loaded with pig-iron.

Excavations commenced a short distance from the walls of Pompeii, with a view of ascertaining the nature of the surroundings of the city, have led to the discovery, within an area of a few square yards, of thirty skeletons, ten of which were huddled together in one room of a small suburban villa. bracelets, necklaces, earrings, and other objects, were sound upon the bones.

A writer in the *Jewish World* points out that, contrary to the received idea, the elder Rabbins of the Talmud taught that the world was round. This is shown by a passage, in which, in discussing idolatry, the figures holding in the hand a *baton*, a bird or a globe were prohibited, because the *baton* symbolizes the dominion of the world, the bird that the world lies beneath it, and the globe is forbidden because it resembles the form of the world itself.

According to the studies of M. Hebert, the storms which reach the European coast from America originate for the most part in Mexico, Central America, and the northern parts of South America; but they do not generally strike the Atlantic until after they have traversed a more or less extended part of the length of the North American Continent, The storms which originate in the United States reach Greenland, or pass the neighborhood of Iceland or the Farce Islands, too far away to affect Europe.

In a paper on the organs of smell in insects, Gustav Hauser describes several interesting experiments. Numerous species of insects, on approaching vessels containing turpentine, or acetic acid, showed—by retreating and moving their antennæ—a distinct perception of the smell. After the ends of the antennæ had been cut off, the same insects placed close to the vessels appeared quite insensible to the odors. A number of flies, which had been attracted by a piece of putrid meat, showed no inclination to approach it after portions of the antennæ had been cut off.

A curious experiment in heat is performed with an apparatus devised by Dr. Grassi. The apparatus consists of three concentric vessels separated by annular spaces of about three-fourths of an inch. The outer space is filled with oil, and the inner with water. The oil is heated to a point above 212 degrees Fahrenheit, when the water begins to boil. Oil heated to 300 degrees is then introduced into the central vessel and falls rapidly to a temperature about that of the boiling water. Dr. Grassi finds that this central oil cools the more quickly, the greater the heat of the outer ring of oil—a result seemingly very paridoxical.

Trouve's utilization of electricity in combination with surgical instruments is bearing fruit. A case is reported from Vienna in which a doctor has succeeded in curing a cancer in the stomach. mainly through the assistance rendered by the polyscope in illuminating the cavity of the stomach. The electric probe, which rings a bell when a ball or any metallic substance imbedded in the muscles is reached, is found a valuable acquisition by army surgeons; and an application of the same principle to surgical forceps has enabled a Berlin oculist to save a mechanic's eye which had received a bit of steel. The case had become so urgent that the eye must be lost unless the piece of metal could be extracted without delay; but Dr. Hirschberg, by inserting a soft iron probe and subsequently converting it into a magnet by passing an electric current through it, withdrew the metallic particle, and saved the eye.

The presence of disagreeable odors in the atmosphere was the source of considerable annoyance to people in certain districts of Paris last summer. The smells were found to originate in a certain establishment where refuse matter is manufactured into fertilizers. M. Bouchardat, of the Paris medical faculty, has examined the question of the effect of these emanations upon health, and has concluded that they are innocent. He does not believe that they convey with them the germs of disease, and finds that the gases of which they are composed do not load the air enough to produce a perceptible poisoning. Assuming that contagious diseases should manifest themselves within eight or ten days after the planting of the germs, the weekly health bulletins of the year have been examined to learn if any increase of mortality followed the introduction of the unpleasant odors. No such increase has been detected.

The death was lately announced of Mr. F. A. Nobert, whose fine rulings on glass have given him a world-wide celebrity. As test-plates for the power of microscopes, he ruled bands of lines of varying fineness from 11,200 to 112,000 to the English inch. It was formerly his opinion that lines so fine as the 1-112,000th of an inch would never be seen resolved in the microscope. This feat was accomplished, however, by Dr. Woodward; when Mr. Nobert immediately produced a new plate, having one band of lines of a fineness of 224,000 to the English inch. Whether or not these minute lines will ever be seen cannot now be safely predicted. Mr. Nobert has always been very reticent in regard to his methods, and it is thought probable that no one is acquainted with the secret of his success. It may, therefore, befall us that Nobert's microscopic ruling is to be counted among the "lost arts."

George Stephenson.

A movement to celebrate the 100th anniversary of the birth of George Stephenson, the father of railroads, is being taken up in New York. It will occur upon the 9th of the coming June, and certainly if it is appropriate to observe with commemorative ceremonies every birthday anniversary of the father of his country, it can hardly be any exaggeration of the centennial spirit to celebrate the 100th anniversary of the birth of a man to whom the world concedes the paternity of a system that is more comprehensive than any country, and is, in fact, an agent of industrial and commercial development all over the civilized world. Of the many victories in the field of peaceful industry that have distinguished the last century, what has been more conspicuous or beneficent than that which Stephenson won? It was more than a victory, it was a revolution, affecting the country where it was first made operative, even less than this great land wherein we dwell, and which, by the close of the year, will have 100,000 miles of railroad track, or enough to make a four track line around the earth's circumference, and in twenty years more, even that will probably be double. These results strike us almost with amazement as we contemplate them in their marvellous entirety. They have created new industries, new methods of business, new forms of property, and have made possible the development and unity of this vast stretch of territory from ocean to ocean. And all this can be traced back to the keen, practical mind and prophetic vision of the man who was born at Wylam, Northumberland, a hundred years ago next June, and served a term in that hardest of all schools of experience, an English colliery. The engineering talent that has been concentrated on this great interest since his time has made wondrous improvement in details, of course, but the grand fundamental idea lay as clearly in Stephenson's mind as it lies in the mind of the most successful railroad king of to-day. And were it not for this greater glory, his friends could claim for him a share in that humane conception with which the name of Sir Humphrey Davy is so honorably accociated, the miner's safety lamp. The debt that civilization and enlightened progress owe to him cannot be measured by the rude standards of men; but is enough to make it almost a duty for all nations to pay to his memory distinguished honors.—*Boston Post.*

The Poisoning of Wells.

It is probable that a large proportion of cases of disease in rural districts is the result of poison absorbed into the system either from the stomach or the lungs. The blood is manufactured in the digestive organs from the food, passes in great part through the liver, and all of it through the lungs, in both of which it is filtered and purified, and in the latter it is brought directly into contact with the air which is breathed by inspiration, and is subjected to any deleterious matter which may be contained in it. As the food and drink are the materials of which the blood is formed, any unhealthy or poisonous influence at this prime source, of course, poisons the stream; and as the function of the lungs is to aerate and purify the blood, anything wrong in the purifying material interferes with this important vital process.

But we propose here only to call attention to what we believe to be the most prolific source of rural diseases, malarial, functional, and organic in their character This is the water supply. A cesspool eight feet deep receives the excreta of a family, the wash from a bath-room, water-closet, and sink included. Thirty or forty gallons a day, equal to nearly 15,000 gallons, or 2,000 cubic feet per year of the most poisonous kind of filth, are poured into this pool only eight feet deep, and, of course, soak into the soil and saturate it. Twenty feet only from this deadly sink is the well, which is probably several feet deeper than the cesspool. The drainage from this cesspool will flow then in every direction in a circle of twenty feet raidus only before it pours into the well. For each foot in depth of this area there are about 1,200 cubic feet. In a year the 2,000 cubic feet of waste will completely fill the space of twenty feet around the well to a depth of more than a foot and a half, and in two years to a depth of three and a half feet. But two things cannot occupy the same space, and this filth will then be distributed over a much larger quantity of ground in proportion to the ratio of solid soil to the small interstices or spaces among the gravel, in the mass. Taking this ratio as only ten to one, the 2,000 cubic feet of waste will saturate 20,000 cubic feet of earth in one year.

It is true that the soil near the cesspool will retain the largest portion of the solid matter, and the first water which reaches the well will be filtered to some extent. But it is only a question of time—the lapse of which will depend upon the nature of the subsoil—how long or short a time will elapse before the poison pours undiluted into the well, and from it into the stomachs of the unfortunate and unsuspecting victims. If a bed of clay lies close to the bottom of the cesspool, there will be no escape downward, and the period required to re