

Job
Reading Room
OTTAWA
 LONDON HOUSE, QUEEN STREET.
 Job Printing of all kinds at short notice.
 Billheads, Letterheads, Notebooks, Pamphlets, Posters, Dodgers, etc.

THE DAILY EXAMINER.

For neat, clean, tasteful Printing and prompt attention to orders, THE EXAMINER Job Printing Department is peculiar. Don't forget it.

TERMS—FIVE DOLLARS A YEAR.

"This is true Liberty, when Free Born Men, having to advise the Public, may speak free."—SCUMPIER.

SINGLE COPIES TWO CENTS

NEW SERIES.

CHARLOTTETOWN, P. E. ISLAND, WEDNESDAY, NOVEMBER 30, 1892.

VOL. 30.—NO. 136

A New Departure.

Owing to the increasing demand for first-class Ready-made Overcoats, from this date we will keep in stock a nice range of **CUSTOM-MADE OVERCOATS** and **ULSTERS**, ranging in price from **\$10.00** to **\$25.00**,

JOHN McLEOD & CO.

Charlottetown, November 26, 1892—cod & wky

FINE TEA

—AND—

Kerosene Oil.

(x)

EVERY FARMER who intends to purchase a supply of TEA and KEROSENE OIL to put him through the Fall and Winter Months should call at BEER & GOFF'S Store and see their prices and inspect their Stock before buying elsewhere.

Their Teas have a reputation all over the Country second to none for Quality and Fine Flavor.

They buy nothing but the BEST AMERICAN WATER WHITE KEROSENE OIL, so that you can depend on getting the BEST QUALITY from them every time, and the price is now lower than ever before. YOU CAN SAVE MONEY EVERY TIME BY CALLING AT

BEER & GOFF'S.

Charlottetown, October 25, 1892—cod & wky

J. H. BELL,

The Leading Custom Boot and Shoe Maker,

DESIRES TO ANNOUNCE that he is now better than ever prepared to supply the public with FIRST-CLASS CUSTOM WORK.

Having recently placed in the latest improved Machines and Lasts, including the Piccadilly Last, also a good supply of excellent Stock, such as No. 1 French Calf, French Kip, French Oil Goat, French Kid, American Dongola, German Shell, Cordovan, English Oak and Spanish Sole Leather, and having the best workmen in the Province, you can rely on getting a first-class Boot or Shoe in any style or quality, for either Misses', Boys', Ladies' and Gentlemen's wear, at the most reasonable prices.

Orders filled promptly. Repairing of all kinds neatly done. We keep a line of our own HAND-MADE BOOTS constantly on hand. Buy your Boots at the old stand and have dry feet.

J. H. BELL.

Charlottetown, October 31, 1892—1m m w f

GREAT VARIETY OF



Felt Boots and Rubbers

—SELLING CHEAP AT—

GOFF BROTHERS' STORE.

Charlottetown, November 18, 1892—cod & wky

ASK YOUR GROCER FOR
 The Celebrated
CHOCOLAT MENIER
 Annual Sales Exceed 33 MILLION LBS.
 For Samples & Price, write to C. AL. MENIER, CHOUILLON, MONTREAL.

The Embodiment of Strength.

JOHNSTON'S FLUID BEEF

—IMPARTS—

Robustness, Lustiness, Vigor.

An invaluable means of developing firmness muscle, power of endurance, and general healthfulness

November 7, 1892.

Calendar for November, 1892.

MOON'S CHANGES.		
Full Moon, 4 h day	.....	11 25 morn
Last Quarter, 11th day	.....	5 8 morn
New Moon, 19th day	.....	8 55 morn
First Quarter, 27th day	.....	6 4 morn
Day of Month.	Day of Week.	High Water.
		Morn. After.
1	Tuesday	7 52 8 23
2	Wednesday	7 53 9 17
3	Thursday	9 39 10 1
4	Friday	10 22 10 41
5	Saturday	10 59 11 19
6	Sunday	11 59 mids't
7	Monday	..... 0 21
8	Tuesday	0 43 1 6
9	Wednesday	1 32 1 58
10	Thursday	2 25 2 53
11	Friday	3 24 3 56
12	Saturday	4 33 5 10
13	Sunday	5 44 6 18
14	Monday	6 47 7 16
15	Tuesday	7 40 8 3
16	Wednesday	8 24 8 44
17	Thursday	9 3 9 22
18	Friday	9 41 9 59
19	Saturday	10 16 10 33
20	Sunday	10 52 11 11
21	Monday	11 30 11 51
22	Tuesday	..... 0 10
23	Wednesday	0 28 0 48
24	Thursday	1 8 1 29
25	Friday	1 50 2 12
26	Saturday	2 35 2 59
27	Sunday	3 24 3 55
28	Monday	4 26 5 6
29	Tuesday	5 46 6 26
30	Wednesday	7 6 7 42



ONE ENJOYS

Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts gently yet promptly on the Kidneys, Liver and Bowels, cleanses the system effectually, dispels colds, headaches and fevers and cures habitual constipation. Syrup of Figs is the only remedy of its kind ever produced, pleasing to the taste and acceptable to the stomach, prompt in its action and truly beneficial in its effects, prepared only from the most healthy and agreeable substances, its many excellent qualities commend it to all and have made it the most popular remedy known.

Syrup of Figs is for sale in 75c bottles by all leading druggists. Any reliable druggist who may not have it on hand will procure it promptly for any one who wishes to try it. Manufactured only by the

CALIFORNIA FIG SYRUP CO.,
 SAN FRANCISCO, CAL.
 LOUISVILLE, KY. NEW YORK, N. Y.
 W. R. WATSON, Wholesale Druggist,
 Charlottetown. mwf j31

J. J. JOHNSTON,
 Attorney-at-Law, Solicitor, Notary Public, &c.,
 Stamps' Block, Victoria Row, Charlottetown, P. E. Island.

COLLECTORS.—Will give prompt attention to collections and securing claims in this Province. Will collect claims in any part of Canada or the United States, through the cooperation and aid of prompt and reliable local correspondents.

All matters entrusted to me will receive prompt, careful and diligent attention. £7 Money to Loan. Money Invested. Nov 11—1m 2aw wky

ROBERT BALLOCH & CO.,
 TEA MERCHANTS,
 Mincing Lane, London.

REPRESENTED IN CANADA BY
J. A. MORRISON, HALIFAX

RE-OPENING.

THE CHURCH HOSPITAL,
 College Street, Halifax, N. S.

TEMPORARILY closed for repairs and improvement will re-open early in September with superior accommodations for reception of private patients, under the charge of Nursing Sisters of the Church of England, from St. Margaret's Home, Boston, Mass.

The Hospital is situated in extensive open grounds, facing Dalhousie College, in a quiet neighborhood, easily accessible. For terms and further particulars apply to the Registrar in office. 3m dy 1aw 1sp7

S. R. FOSTER & SON,
 Manufacturers of Wire Nails,
 STEEL AND IRON CUT NAILS,
 And Spikes, Tacks, Brads, Shoe Nails, Hungarian Nails, &c.,
 ST. JOHN, N. B.
 nov1-1y7

Never
WOODRILL'S
GERMAN
BAKING
POWDER
 Disappoints!
QUEEN
 Insurance Agency
 Office Next to Bank of Nova Scotia
JAMES DESBRISAY, AGENT.
 feb18—cod

"How are you?"
 "Nicely, Thank You."
 "Thank Who?"
 "Why the inventor of
SCOTT'S
EMULSION
 Which cured me of CONSUMPTION."
 Give thanks for his discovery. That it does not make you sick when you take it.
 Give thanks. That it is three times as efficacious as the old-fashioned cod liver oil.
 Give thanks. That it is such a wonderful flesh producer.
 Give thanks. That it is the best remedy for Consumption, Scrophulous, Bronchitis, Wasting Diseases, Coughs and Colds.
 Be sure you get the genuine in Salmon color wrapper; sold by all Druggists, at 50c. and \$1.00.
SCOTT & BOWNE, Belleville.

GILLETT'S
 PURE
 POWDERED
LYE
 PUREST, STRONGEST, BEST.
 Ready for use in any quantity. For making Soap, Softening Water, scouring, and a hundred other uses. A can equals 20 pounds of lye.
 Sold by All Grocers and Druggists.
E. W. GILLETTE, Toronto.

CAUTION
 EACH PLUG OF THE
Myrtle Navy
 IS MARKED
T. & B.
 IN BRONZE LETTERS.
NONE OTHER GENUINE.
 n2-ly & wky

The Telephone Company
 —OF—
P. E. ISLAND.
 PARTIES using the Telephone would find talking much more satisfactory if they would observe the following rules:—
 1st. Speak with the mouth about four inches from the transmitter.
 2nd. Speak in a moderate tone of voice, not too loud, and distinctly.
 3rd. Place the telephone so as to cover the ear, just as if you wished to shut out all other sounds.
 It is possible to talk and be heard when standing back two or three feet from the transmitter, if you shout loud enough, but it is not a pleasant mode of conversation, is entirely unnecessary, and is a useless waste of wind and lungs, besides being very annoying to all within range of your voice.

ROB ANGUS,
 Manager.

Formentine and the Tunnel Borings.

We were three months at Formentine in connection with the test borings for the Northumberland tunnel. They were the three bright months of our summer season, and time spent in explorations on shore at the regular work of boring on the breezy wave was a daily revel in the beauties of nature.

The peninsula of Formentine is a projection of the New Brunswick coast, extending into the Northumberland Strait so as to reduce its breadth from twenty miles to less than seven and a half miles. The part extending nearest to P. E. Island is Jourmain Island, situated on the northern extremity of the peninsula. This small island is divided from the mainland by a marsh of some six hundred acres in extent. It is dyked and produces a heavy burden of cord grass and other coarse grasses, and is parcelled among a great number of neighboring proprietors. The "Marsh" is an exquisite natural meadow, waving with its rich burden of grasses and jewelled with two silver lakelets in its centre, the happy resort of numberless tribes of wild fowl. In the early dawn, when the first soft sunlight steals over the dark cliffs of Formentine, and every dune and grave of torments, the "marsh" is a favorite ground for sportsmen. One N. M. told of bringing down thirty-six ducks at a shot, but his fellow-sportsmen professedly question the accuracy of his count. Yet it is true that ducks and other fowl are very plenty here. Gunning Point is the northwest extremity of Jourmain Island, extending far out beyond the shallow waters of Peacock Cove. When the wind blows strong from the north the flocks of wild fowl passing out of this cove are driven in great numbers on the point and are easily shot. Gunning Point is a forty mass of red boulder clay, such as covers Jourmain Island generally, and which was brushed out of the bed of the strait during the Glacial Period, and now presents a steep eroded face to the sea. On its summit a blind battery is built, which on every windy day in autumn is occupied by a garrison of sportsmen awaiting in leisure the arrival of the winged fleets from the sea.

Referring to the boulder clay, it is quite interesting to observe here how the red clay of the Permian districts has been forced from northwest to southeast over to the grey carboniferous districts, and also to note how the rough grey boulders of Millstone Grit have been carried in the same direction upon the red Permian tracts. At Lane's Quarry, near Bayfield, there is a large exposed surface of grey rock beautifully planned and striated by the motion of the great glacier as it passed across the peninsula in its course to the bed of the Atlantic. General direction of the strata S. 55 deg E.

We found the red-wing blackbird in breeding season on Jourmain. It frequented the bridge over the marsh run, and its peculiar whistle and hovering, circling flight, so distinct from that of the common grackle, apprised us that it was a stranger long before we noticed the crimson doublet on its shoulders. Cuckoos were quite common in the wooded islets of the marsh. In June these islands were white with the bloom of choke berries, and the nodding racemes of the Virginian cherry. Later they were fairly ablaze with the most magnificent wild roses I ever saw. When autumn spread his golden shield on the marsh, these groves were filled with the luscious fruit of the smelanea and brilliant clusters of winter-berry, while the low marsh borders were all aglow with cranberries and crimson fox-bories. Blueberries were in unlimited quantity. We found quite a number of plants here which we had not observed on P. E. Island. Among these the way-faring tree, bush honeysuckle, shrubby cinquefoil, and poison ivy are conspicuous. Among animals, the civet cat or skunk, the raccoon and the porcupine are common here, but not found on the island. The distribution of these plants and animals is of interest in connection with the last great geological movements of the district.

Jourmain Island is about a mile long and half a mile broad. It is red sandstone formation, being composed of the lowest beds of the Permian. We spent many a summer evening searching for fragments of the strait broke in murmuring ripples on its reefy shores. Nor was our labor unrewarded. Brown fragments of silicified pine wood of the ancient species *dadocylon materium*—collected years ago by Prof. Dawson at Galloway Point—are found drifting among the sands. Parts of the stems of tree ferns, bulky as pine logs and bearing distinct scars of the great fronds which these graceful trees once bore, and trunks of tylenodendron are so common on St. Peter's Island and so characteristic of the Permian, are impressed on the reefs of fine sandstone; also fronds of the magnificent species of fern, *peperis arborescens*, and the fan-shaped leaves of baireri and parallel-veined cordaites. One day as we launched a boat to go to the borings, Mr. Hendry picked up a nice branch of *valchia gracilis*. This was an ancient club moss assuming the size and appearance of a conifer, and is very characteristic of the Permian formation. Of calamites there are the remains of not only the common small reed-like ones of the carboniferous, but also of the great calamite of the Permian which reared its fluted column along these ancient marshy shores to the height of ordinary forest trees.

The outer Jourmain Island, we have said, is Permian, but the islets in the marsh are outcrops of the coarse grey sandstones of the Millstone Grit. Thus sharply is the line between the two formations marked. You leave the red Permian rocks on the western extremity of Jourmain Island, cross the level stretch of sand opposite the marsh, and entering Spence Cove, find yourself at once among the grey rocks of the Millstone Grit, which rocks occupy the whole coast from this to Shemogue. Indeed, the same grey rocks occupy the whole of the Tormentine peninsula except Jourmain Island, and a narrow triangular patch extending from Dobson's Cove to Upper Cape.

The Millstone Grit is mostly coarse grey or brown iale sandstone, but in some places, as at Mount Pleasant, there are dark red shales and dark slaty sandstones. The fossils of this formation are quite distinct from those of the Permian. The Tormentine pier was built with many thousands tons of this rock, brought by rail from Colbourg, and as it contained a good number of characteristic fossils, I spent some time on stormy days studying them on the pier. Mr. Murphy, the obliging contractor, afforded me every accommodation in this work. Remains of Cordaites and Calamites were particularly numerous, and also fine seeds of the genus *Cardiocarpum*. Remains of huge trunks of *Lepidodendron*, such as bulky as the timbers which the workmen were fitting into the structure of the pier, are an interesting feature of this ancient flora.

The rock bed that the proposed tunnel is to pass through is entirely in the lower Permian. These beds, as we have already seen, just touch the New Brunswick coast at Jourmain Island, and stretching away northward under the waters of the Strait, underlie Prince Edward Island. The tunnel will enter these beds on Jourmain Island, follow them across the Strait, and rise through the superior sandstone beds on the P. E. Island shore.

Eight test holes were bored on the Jourmain side of the Strait. Two of these were on the island itself. Both penetrated the red strata and reached the grey carboniferous base. At the first hole, 600 yards in land, the red strata were found to be only 32 feet in thickness; but at the second hole on the coast they were 132 feet thick, thus showing how rapidly the carboniferous beds dip under the bed of the Gulf. In fact, the southern part of the Gulf is a great carboniferous basin holding within it the superficial new red sandstone formation, the upper part of which forms our fertile Gem of the Gulf.

Where we penetrated the lowest beds of the Permian on Jourmain Island we found them to consist of brown estuarine or marsh deposits, reposing unconformably on the old carboniferous coast line. This ancient marsh deposits, with its remains of *Calamites*, *Cordaites*, *Tylenodendron* and tree ferns, brought before our minds a picture of that ancient time when our Island rocks were laid down as beds of shifting sand and mud in the waters of the Gulf. Who shall count back and tell us in years the date of that time? The Gulf, surrounded by its paleozoic hills, existed as it does to-day, but no P. E. Island was in its southern waters. All along its southern shores the low coast was bordered with extensive marshes, but no soft, rich grasses spread their luxuriance over these ancient meadows; still leaved conifers and flinty stemmed calamites covered them with rigid uninviting herbage. In the slow development of life through the ages, no vegetables brighter than the conifers had yet been produced, and all the vegetable luxuriance of the time was antiquated and lowly-typed. These ancient marshes with their lagoons and muddy deposits extended far out into the Gulf, as we know from the remains of *Calamites*, *Cordaites*, *Tylenodendron* and *St. Peter's Islands*, where these lowest Permian rocks are also brought to the surface. Here and there the marshes rose into alluvial islands, umbrageous with the frondage of tree ferns and the dark forms of *Dadocylon* and *Tylenodendron*.

In the borings for the tunnel we penetrated large beds of clay shale interspersed with fine sandstones. The materials for these shales were washed from this low, marshy and muddy coast by sluggish streams from the interior and the wash of the sides. In the test hole on the shore we pierced a bed of shale fifty-one feet thick, bearing in it some fine sandstones. These beds incline at first towards the P. E. Island shore, with a grade of four feet in a hundred, but at a mile and a half out become nearly horizontal. The bed just referred to occupies the level of the proposed tunnel and will offer much facility for its construction.

We spent much of the time out on the Strait taking records of the borings at the drill. The cores obtained from the different borings in the water were very uniform—alternating shales and sandstones. But the whole assemblage was a beautiful study affording a monumental record of the physical condition of our Gulf in the dim antiquity of the closing days of the Paleozoic age. We dare not stay in a vain attempt to tell all these ancient records' report of that remote time. They showed us the Gulf as it then existed, how its currents flowed, its tides set, its rivers debouched, where storms swept its waters or they rested in halcyon tide. What strange life ploughed its depths and what monstrous forms hung round its foaming borders we saw a little of too. But the story is too long to attempt, more than we have already said.

Out in mid Strait we enjoyed the freedom and beauties of sea life. The wandering wild fowl, the teeming schools of the finny tribes, the lowly forms of invertebrates and vast variety of bright algae that our operations sometimes dragged from the depths, often attracted our attention while engaged in the arduous labor of the enterprise. Frequently strong breezes opposed to the powerful tide in the strait raised seas that required the fortitude and skill of those engaged to combat or escape successfully. Or again, the placid beauty of some cloudless sunset sky, suffusing heaven and sea in such floods of flaming rainbow dyes, made you forget all the shadows of earthly woe in the peace of nature's perfect praise.

Look at the ladies' corsets for 40c, regular prices 80c to \$1.—J. B. Macdonald's.
 F. BAIN.
 nov25-1w

SKODA'S
 REMEDIES
 REGISTERED 1891
DISCOVERY

See that our Trade Mark—A MARINER'S COMPASS, is on each package.

SKODA'S REMEDIES
 CONSIST OF
SKODA'S DISCOVERY.
 THE GREAT GERMAN-AMERICAN REMEDY FOR HEART, NERVES, KIDNEYS, LIVER and BLOOD. Price, \$1.00, 6 bottles for \$5.50. It bought at above price we GUARANTEE the 3 best tests to benefit or cure. GUARANTEE CONTRACT with each bottle. Far only for the good you receive.

SKODA'S PILE CURE
 with the DISCOVERY cures Piles. Price \$1.00.

SKODA'S GERMAN SOAP.
 "Soft as Velvet." "Pure as Gold." That tells the whole story. The most highly medicated soap ever made. Try just one cake. For toilet, bath, or nursery. Price, 25 cts.

SKODA'S PLEDGETS.
 The Great German-American Specialty for diseases peculiar to the female sex. We will give \$1,000 for any case we cannot cure that does not require surgical interference. One month's treatment, \$3.00.

SKODA'S GERMAN OINTMENT.
 The Great Skin Cure, also for wounds, abrasions, burns, etc. As a cosmetic, makes the skin like velvet. Removes black-heads, pimples, etc. as if by magic. If you follow directions. Three ounce tubes in elegant cartons for 50 cts.

SKODA'S LITTLE TABLETS.
 For Headache and Liver Trouble. With the DISCOVERY they cure Rheumatism, N.I.A. Safe, Efficient. Far superior to any pill. Once used you will have no other. 50 in a box for 25 cts.

SOLD BY ALL DRUGGISTS.
SKODA DISCOVERY CO., Wolfville, N.S.

MISS JOY,

SYDNEY STREET EAST.
 IS NOW PREPARED to take in washing at moderate rates. Also dressing, etc. Gentlemen's suits washed, cleaned and pressed at a specialty. Orders promptly attended to.
 nov25-2p

For Coughs, Colds, Hoarseness, Strep Campbell's Canadian Cough Emulsion.
 Only 25c. per Bottle.

MAIL CONTRACTS.

TENDERS addressed to the Postmaster General will be received at Ottawa until noon on FRIDAY, 16th December next, 1892, for the conveyance of Her Majesty's Mails on proposed contracts for four years from the 1st January, 1893, over each of the following routes, viz.:—
 Charlottetown and Railway Station,
 Charlottetown and Street Letter Boxes.
 Printed notices, containing full information as to conditions of proposed contracts, may be seen and blank forms of tender may be obtained at the Post Office at which the services commence and terminate, or at the office of the subscriber.
 F. DE ST. C. BRECKEN,
 Asst. P. O. Inspector,
 Post Office Inspector's Office, Charlottetown,
 P. E. I., 26th November, 1892—3 dy & wky

ESTABLISHED 1790.
CLIFT, WOOD & CO.,

General Commission Merchants,
ST. JOHN'S, Nfld.

WE have much pleasure in informing our correspondents in P. E. Island that we have rebuilt part of our premises (destroyed by the recent fire), and have now sufficient STOCK AND WHARFAGE to enable us to resume business as heretofore.
 "Consignments of Produce will at all times have our best attention."
CLIFT, WOOD & CO.
 nov25-2aw & wky

NOTICE.

WE are closing up the Black Diamond Line Steamers' accounts for the past season, and any parties who have claims against said Steamers will please present them for adjustment before the 16th day of December next.
PEAKE BROS. & CO.,
 Agents.
 nov25-1w