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Bronchitis, Stubborn Coughs, Incipient Consumption, Debility and Wasting Diseases.

The above and similar ailments are best treated with Jamieson's Emulsion of Cod Liver Oil with Hypophosphites. The value of this remedy is so well known that no argument is necessary. It builds up wasted tissues and renews vitality.

No emulsion can be better made than ours, while it has the important advantage of being always fresh.

Two sizes, 35 and 75 cents.

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THE DR. ARNOTT INSTITUTE, BERLIN, GERMANY. For the treatment of all forms of SPEECH DEFECTS. We treat the cause, not simply the habit, and therefore produce natural speech. Write for particulars.

USE FERROVIM TRADE MARK

A Splendid Tonic Builds up the System Strengthens the Muscles Gives New Life Sold by all medicine dealers. Davis & Lawrence Co., Ltd., Montreal.

Valentines

Comic Valentines, Fancy Valentines, Lace Valentines. H. A. Tanton & Co. Great George Street. 11ts & w 3m.

FAT CATTLE FOR SALE

The Provincial Farm will offer four fat cattle for sale at Public Auction on the Market Square, Charlottetown, on February 10th, 1905 at 2 o'clock p. m. S. E. REID, Commissioner of Agriculture. (The above sale has been postponed until Friday, Feb. 17.) 3 d w 1 d.



THE HOME OF THE GUARDIAN CHARLOTTETOWN, P. E. I. Business Office Telephone 133 b. Editorial and News Telephone 133 a.

CHARLOTTETOWN GUARDIAN.

SATURDAY, FEBRUARY 11, 1905.

THE GEOLOGY OF THE TUNNEL.

Some may have forgotten or never knew that in the summer of 1892 there were a series of borings made between the Capes to test the geological formation of the rocks beneath the Straits of Northumberland in that locality. We have record of those borings at hand. In all ten holes were bored to various depths from 60 to 181 feet.

Beginning on the New Brunswick side the first of these borings was to a depth of 60 feet at a point 600 yards inland from the shore at Money Point. The second boring was made at high water mark at Money Point to a depth of 148 feet.

Other borings were made at distances of 500 yards apart extending out into the Straits in the direction of Carleton Point, P. E. I., hole No 8 being 3,000 yards, say a mile and two thirds, from the New Brunswick shore.

On the Island side two holes were bored, the first being at highwater mark, Carleton Point, which was carried to a depth of 181 feet. The other boring was made inland 800 yards from the shore at Carleton Point and was made to a depth of 18 feet. In each case the core of rock taken out by the borer was preserved so that the actual strata of rock down to a depth sufficient for the tunnel are in evidence.

Dr. R. W. Ellis of the Geological Survey Department, Ottawa, in a paper read before the Royal Society of Canada in May, 1895 discussed the result of these borings. He found a great similarity in the strata passed through in every case on both sides of the Strait and has no doubt that the same conditions extend uniformly throughout the whole extent of the proposed tunnel.

Dr. Ellis remarks that the cones preserved from the borings "consist of alternations of soft red sandstones, frequently micaceous, and red clay shales, with occasional partings of nodular limestone. The rock beds present the same horizontal position as is observed along the shores of the mainland and of the Island opposite. . . From the generally soft and uniform character of the strata thus tested there would appear to be but slight difficulty as regards their excavation."

THE COMMUNICATION PROBLEM

In his regular letter to the Maritime Farmer, Rev. A. E. Burke discusses the communication problem, forced to it by the difficulties which affected the Winter Fair attendance. It will be seen that his views go very materially in the direction of ex-president Ratings of the Board of Trade. The dual management of the steam-boat service should have seen its last days. Let us have one thing or the other all the year round, he says, and let those in control of the matter consider it seriously before re-ewing a contract which will keep us in the present unsatisfactory position for summer at least for a considerable number of years.

Father Burke writes further: - Never is the isolated state of our province so much felt as when we have to fill engagements outside. Every year at Amherst we have been called on to say that the small attendance from the Island was due to isolation, to imperfect accommodation, to a want of sympathy in the officers of the government departments, to an improper appreciation of our just claims as a province. This year we were forced to say as much; and still, every year the unpreparedness of the winter end of the service to resume where the summer has broken off becomes more evident. We made bold to assert the necessity of doing away with a dual interest, by the uniting of summer and winter boats, either under the S. N. Co., or under the Government, much preferably the latter. We further stated from the height of the Amherst rostrum and in the presence of the Minister of Railways, that unless things can be finally bettered as to navigation, there is no other implication of the Terms of Confederation to look to but a tunnel. No body at all up to date on such matters will deny what indeed the province practically affirmed two decades ago that a tunnel can be built and built at a cost the interest on which would not at all exceed the amount now being paid for this imperfect and altogether inadequate communication. Engineers are ready to take up the work; capitalists are not wanting to finance it; the Government alone stands idly by, and it stands idly because in the public life of the country we have no man big enough to take up the patriotic project and force it into prominence. Tacked onto the G. T. P., what would a ten million tunnel be? Sir Wilfrid would jump at the idea of rounding off his national scheme with it. Without it the G. T. P. is not a national highway and has no charms for us Islanders at all.

THE WANT OF INFORMATION. And whilst we must depend on present system of communication is it not passing strange, is it not humiliating, even to P. E. Islanders, to find that no body on the mainland can give them any accurate information as to how, when or where they may be able to reach their Island home? We were at Amherst a whole week. In that time we could discover nothing satisfying. Indeed, some of the officials who should, in the public interest, be thoroughly seized of the information desired, scarcely knew there was an Island at all. This is not encouraging; it does not seem to improve with years; those engaged in the public service seem never to learn; there is something surely astray. Still we are one of the Seven Provinces of Confederation and entitled to every consideration.

At Amherst many of our exhibits did not materialize. The irregular boats—no boat every other day—the severe weather and the unproprietorship of the goods in transit, was the cause. Cattle could not reach in season, fruit was frozen on the way. Indeed, some exhibits have not turned up yet. We are therefore patronizing Amherst under difficulties. We'll never get there in December safely and surely except through the tunnel. We are not doing our best for the Fair, some say; there would appear to be but slight difficulty as regards their excavation."

Nothing could be more favorable for the purpose of constructing a tunnel than the conditions here set forth. It would seem that a beneficent Providence, having stretched out the Capes on each side to narrow the water channel, had also laid down the soft sandstone rocks in level strata beneath the water, thus to establish the most favorable conditions for constructing the projected tunnel. It only remains for the Government to act upon the intimations thus given, and proceed to the work of construction.

MONTH AFTER MONTH a cold stick and seems to tear holes in your throat. Are you aware that even a stubborn and long neglected cold is cured with Allen's Cough Balsam? Cough and worry no longer.

Call at Paton & Co's today and see their big bargains in all kinds of dry goods.

CALENDAR FOR FEB. 1905

Table with columns for Day of Week, Sun Rises, Sun Sets, Moon Rises, Moon Sets, High Water, Low Water. Includes Moon's Phases: New Moon, First Quarter, Full Moon, Last Quarter.

What Sulphur Does

For the Human Body in Health and Disease. The mention of sulphur will recall to many of us the early days when our mothers and grandmothers gave us our daily dose of sulphur and molasses every spring and fall.

It was the universal spring and fall "blood purifier," tonic and cure-all, and until you, this old-fashioned remedy was not without merit.

The idea was good but the remedy was crude and unpalatable, and a large quantity had to be taken to get any effect. Nowadays we get all the beneficial effects of sulphur in a palatable, concentrated form, so that a single grain is far more effective than a tab spoonful of the crude sulphur.

In recent years, research and experiment have proven that the best sulphur for medicinal use is that obtained from Calcium Sulphide and sold in drug stores under the name of Stuart's Calcium Wafers. They are small chocolate coated pellets and contain the active medicinal principle of sulphur in a highly concentrated, effective form.

Few people are aware of the value of this form of sulphur in restoring and maintaining bodily vigor and health. The sultriacs die by on the liver and excretory organs, and purifies and enriches the blood by the prompt elimination of waste material. Our grandmothers knew this when they dosed us with sulphur and molasses every spring and fall, but the crudity and impurity of ordinary flowers of sulphur were often worse than the disease, and cannot compare with the modern concentrated preparations of sulphur, of which Stuart's Calcium Wafers is undoubtedly the best and most widely used.

They are the natural antidote for liver troubles, and purify the blood in a way that often surprises patient and physician alike. Dr. R. M. Wilkins while experimenting with sulphur remedies soon found that the sulphur from Calcium was superior to any other form. He says: "For liver, kidney and blood troubles, especially when resulting from constipation or malaria, I have been surprised at the results obtained from Stuart's Calcium Wafers. In patients suffering from boils, pimples, and even deep-seated carbuncles, I have repeatedly seen them dry up and disappear in four or five days, leaving the skin clear and smooth. Although Stuart's Calcium Wafers is a proprietary article, and sold by druggists, and for that reason favored by many physicians, yet I know of nothing so safe, well, let them put themselves in our place and see how much better they will do. All this awakening to our conditions should make Mainlanders sympathize thoroughly with us in our just demands, should make them helpers to a permanent and perfect connection which will enable us to come and go as they do. It will, we hope, cause them to understand our place in the Confederation also, what was promised when we entered, and what we have gained or lost under it, and thereby make for the honest working out of mutual obligations. As a people bound together by national ties, hoping for national greatness, let us try to acquire an accurate knowledge of the public questions which involve the peace and contentment of the component parts of the commonwealth and broadly and generously lend ourselves to their proper adjustment."

A BLOATED STOMACH. Distention and pains from indigestion are cured quickly by Nerviline. When you get an attack of stomach trouble take a stiff dose of Nerviline, which is perfectly harmless, but marvellously quick in effecting a lasting cure. "I was taken ill with stomach trouble," writes Edward Howell of Rochester. "I was in great pain and distress, but half a teaspoonful of Nerviline fixed me up in a few minutes. I can recommend Nerviline for sick headache and cramps, and consider it an invaluable household remedy." Try it yourself. Price 2c.

Turkish Dyes—in different shades—clearing out at 5c per package.—Central Drugstore—Sunnyside. tod 3i

BIG FURNITURE SALE

Special Clearance Sale of Furniture

- 4 Surface Oak Sideboards, 3 drawers, 14 x 24, G B mirrors, 23.00 for \$16.00
30 Elm Arm Chairs golden finish, 2.90, to clear at \$1.90
24 Quarter Oak cot seat Dining, golden finish, 3.75, to clear at \$2.75
24 Surface Oak Extension Tables, 8 feet, 14.00 to clear at \$10.00
2 Oak Bedroom Suites, 36.00, to clear at \$26.00
6 Wilton Rug Parlor Suites, 5 pieces, 55.00, to clear at \$40.00

We also have a complete line of the WORLD'S FAMOUS Ostermoor Mattresses for which we are SOLE AGENTS for Ch'town, from \$9.50 to 15.50, regular prices as advertised in New York and Montreal. By buying the Ostermoor from us we will give you the genuine mattress with the manufacturer's guarantee.

Other lines of Felt Mattresses from 5.00 to 12.00. Ladies, if you are in need of a CARPET bring the measure of your room and there is no doubt that you can cover the same floor at about half the price that you could later, if you can get what suits you or in this lot. Following are the goods:

Remnants of Tapestry Carpets

- 20 yds dark green ground, small flower, sold for 95c 1-3 off
2 1/2 yds b'own ground sold for 95c 1-3 off
18 1-2 yds cream ground, green spray sold for 65c 1-3 off
18 3-4 yds brown and gun ground, sold for 85c 1-3 off
19 1-2 yds red ground, small pink and brown flower, sold for 75c 1-3 off
14 1-4 yds grey ground, brown flower sold for 70c 1-3 off
23 yds brown ground with flower sold for 90c 1-3 off
31 yds cream ground with flower sold for 85c 1-3 off
30 1-2 yds red ground with flower sold for 95c 1-3 off
32 yds brown and cream with flower sold for 95c 1-3 off
17 1-4 yds light grey ground, sold for 95c 1-3 off
21 1-2 yds grey, brown and pink ground with flower, sold for 45c 1-3 off
19 1-2 yds green and grey ground with flower 85c, sold for 1-3 off
18 3-4 yds green ground, with flower, sold for 95c 1-3 off
18 3-4 yds grey ground, red rose, sold for 95c 1-3 off
18 3-4 yds gun ground with flowers sold for 65c 1-3 off
21 1-4 yds gun ground with flowers, sold for 65c 1-3 off
31 yds brown and gun ground, sold for 45c 1-3 off
17 3-4 yds red ground, with flowers, sold for 45c 1-3 off
18 1-2 yds light grey ground with flower, sold for 45c 1-3 off
22 yds dark green ground, brown and cream scrolls sold for 95c 1-3 off
21 1-2 yds blue ground with flower, sold for \$1.00 1-3 off
21 1-3 yds red ground with flower sold for 85c 1-3 off

Remnants of Brussel and Velvet Borders

- 29 3-4 yds brown sold for \$ 1.45 at 1-2 price
7 1-2 yds grey and gun sold for \$ 1.55 at 1-2 price
14 1-2 yds green and brown sold for \$1.45 at 1-2 price
9 1-2 yds green sold for \$1.10 at 1-2 price
12 yds grey sold for \$1.20 at 1-2 price
10 1-2 yds brown sold for \$1.45 at 1-2 price
13 yds brown sold for \$1.20 at 1-2 price
7 1-2 yds gun sold for \$1.10 at 1-2 price
13 1-3 yds gun sold for \$1.10 at 1-2 price
8 1-2 yds green sold for \$1.45 at 1-2 price

Sale of the Small Furs.

- 1 Brown Fox Muff finished with head and Fox brush \$30.00 sale price \$20.00
1 Stone Marten 3 Stone Marten tails and claws, \$30.00, sale price \$20.00
1 Black Thibet large full shape, \$7.50, sale price \$5.00
1 Black Persian Lamb pillow shape, \$10.00, sale price \$6.70
1 Persian Lamb muff round shape, \$8.50, sale price \$5.35
1 Genuine Beaver muffs, \$12.50, sale price \$8.35
1 Oppossum muff, pillow shape
1 Grey Lamb muff, \$6.75, sale price \$4.50
1 Grey L. mb muff, \$5.75, sale price \$3.85
1 Grey Lamb muff, \$4.50, sale price \$3.00
1 Astrachan muff, \$5.75, sale price \$3.85
1 Astrachan muff, \$4.75, sale price \$3.20
1 Electric Seal muff, \$5.00, sale price \$3.35
1 Pr. Grey Lamb mitts, \$7.50, sale price \$5.00
1 Pr. Grey Lamb mitts, \$5.50, sale price \$3.70
1 Pr. Black Astrachan mitts, \$4.75, sale price \$3.00
1 Prs. Black Astrachan mitts, \$4.75, sale price \$3.00
1 Pr. Seal mitts, \$4.50, sale price \$3.00
1 Pr. Seal mitts, \$4.75, sale price \$3.25
1 Prs. Black Persian Lamb, \$12.50, sale price \$8.3

James Paton & Co.

FOR SALE!

1 Cottrell Drum Cylinder, 6 Col. Quarto, Newspaper Press (in good condition). Reasons for Sale.—Our circulation is increasing at such a rapid rate that we have found it necessary to instal a Web Perfecting Press. The above can be seen at any time. For prices and all particulars write

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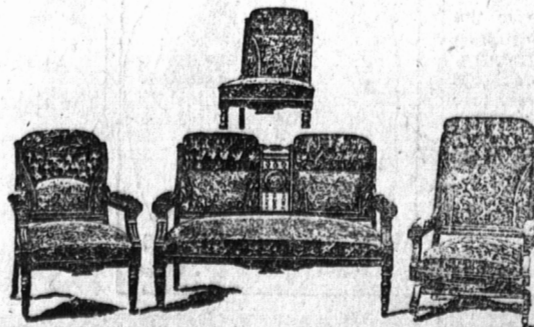
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Of Concerts, Socials, Entertainments etc., of a money making nature, 5 cents a line (of 6 words) for first insertion, and 2 1/2 cents a line for each continuation. Churches and charitable institutions half rates. Minimum price 15 cents. Black type announcements double rates. Births, Marriages and Deaths FREE but verses with deaths same rate as above. THE GUARDIAN. 4w 1f.



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