

Prince Edward Island Agricultural and Industrial Exhibition, 1903.

Open to the Maritime Provinces. To be held on the grounds of the Ch'town, Driving Park, and Provincial Exhibition Association at Ch'town on Tuesday, Wednesday, Thursday and Friday, 22nd, 23rd, 24th and 25th Sept. 1903.

The largest prize list yet. Over \$6,000.00 in Prizes

Live stock, dairy products and poultry entries close 11th Sept., all other entries close on 18th Sept.

Two Days Horse Racing Wednesday and Thursday, 23rd and 24th Sept. The fastest classes ever started on the Island.

\$1,350.00 IN PURSES

The very lowest rates for Exhibits and Passengers on Steamboat and Railways.

Special attractions in front of the Grand Stand. For entry forms, prize lists, race programmes and all information address the secretary.

F. L. Haszard, G. R. Smallwood, President, Secretary.

Bags! Bags! Bags!

We have the best grain bags in the country. They are large enough to hold 4 1/2 bushel Oats, or 3 bushel potatoes. They are strong, clean, have hemmed tops, and are guaranteed to give satisfaction. You want some, how many?

Reid & Creighton

Wholesale dealers in Island produce, Pitt Street, Sydney, C. B.

The Ch'town Steam Navigation Co., Limited.

—STEAMERS— Northumberland and Princess

Leave as below every day, Sundays excepted. From POINT DU CHENE on arrival of 11.00 train from St. John for SUMMERSIDE, connecting there with express train for Charlottetown and Tignish.

From SUMMERSIDE, on arrival of morning train from Charlottetown and all stations of P. E. I. R., for POINT DU CHENE, connecting with day train for ST. JOHN, BOSCON and Montreal.

Connections at Montserrat with trains for all stations on I. C. R. and its connections, and at St. John with C. P. R. and Railways for U. S. for all points West and South also at St. John with Steamers of Eastern S. S. Line.

From PICTOU about 5 p. m. for CHARLOTTETOWN. From CHARLOTTETOWN for PICTOU, at 9.00 a. m. connecting there with day trains for CAPE BRETON and HALIFAX. At NORTH SYDNEY with Steamer Bruce for Newfoundland.

At HALIFAX with C. A. & PLANT LINE for Boston.

Through Tickets to be had at Grand Trunk, Canadian Pacific, Intercolonial and P. E. I. Railways and on the Company's Steamers and connecting lines in United States and Canada.

F. W. HALES, Secretary

Nova Scotia Coal Buyers

ARE LOUD IN THEIR PRAISE OF

PORT HOOD COAL

ANNOUNCEMENTS

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 twice rate as above.

THE GUARDIAN.

The Man Who Wants a

Steam Engine or Boiler

Or needs any repairing done should not forget that we have the facilities for turning out work equal to any in Canada. Let us give you an estimate.

Bruce Stewart & Co.

Founders, Engineers, Machinists and Boiler-makers, Steam Navigation Co's Wharf, Charlottetown, P. E. Island, Phone 125.

Dominion Blend Tea

Sales exceed that of any other in the Lower Provinces.

Choicest growth of India and Ceylon.

Federal Blend

A choice Blend of Ceylon, India and China Teas, in such proportions as to insure a delicious cup of Tea.

Sold by all the principal Grocers. Wholesale by

McKINNON & McNEVIN

Corner Queen St. Ch'town.

Kenneth J. Martin, B. A.

Barrister, Solicitor, Notary Public, & MONEY TO LOAN. OFFICE—Bruce's Building Summerside P. E. Island

Rocky Point Ferry, Spring 1903.

Table with 2 columns: Will leave Ch'town, Will leave R. P. Times listed for various days.

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Cape Breton Ads

ROSS & ROSS, Barristers, Solicitors and Money to Loan—Straight Loans or from Building and Loan Company. Offices in Ross Block, Sydney C. B.

G. L. MURPHY & CO.

Sydney, C. B. General Commission Merchants

Island Produce handled on commission and prompt returns made.

C. SIDNEY HARRINGTON, G. C. CHARLES F. FULLERTON, J. L. B. JOSEPH F. FOLLY, L. L. B.

HARRINGTON & FULLERTON

Barristers, etc. Cable Address, Harrington, Halifax. OFFICES, HALIFAX AND SYDNEY, C. B. Halifax Office, ROY BUILDING, Sydney Office, ROSS BLOCK.

Correspondence relating to Cape Breton should be directed to Sydney, C. B. BURCHELL & McINTYRE, Barristers, etc. Solicitors, Notaries, etc. Sydney C. B. CHARLES J. BURCHELL, M.A., L.L.B. ARCHIBALD A. McINTYRE, B.A., L.L.B.

POPULAR ASTRONOMY.

How Amateur Observers May Study the Sun—The Sun's several Layers—Planets Visible in August.

These brief notes on the phenomena of the sky will be issued monthly, and are intended for those who, without making pretence to much learning in astronomy, are yet interested in the heavenly bodies, their appearance, nature and movements, writes "Astro" in The Globe.

Observational astronomy is by no means limited to the hours of darkness. Every day almost we have opportunity to study that orb upon which we might well say, physically, we depend for existence, the sun. Ever since the telescope was first used to examine the heavenly bodies, the sun has been favored with great attention.

In looking directly at it through any telescope, a screen of very dark glass must be used. Various appliances, all somewhat expensive, are used to temper the brilliancy of the rays, but the amateur generally makes use of a piece of London smoked glass. Anyone who has a small hand telescope can view the solar surface by the projection method.

Arrange your telescope at a window, so that the object glass is some inches outside the window and pointing to the sun. Let the window be covered with somewhat dense curtains or other opaque material. Then upon a sheet of white cardboard, placed a few inches away from the eyepiece end, an image of the sun some six or eight inches in diameter will be seen. The smaller the image the brighter it will be.

The cardboard must be at right angles to the axis of the telescope. By adjusting the eyepiece the image can be made very sharp. Any spots will then be visible. One cannot say that the method is as satisfactory as that of direct vision, but it is an excellent one for small glasses. A record by means of sketches of the spots should be kept. Spots are now occurring more frequently than for some years past.

Every people have an idea of the enormous size of the sun. Its diameter is 865,000 miles. Were the sun placed at the centre of the sun, the moon, which seems far enough away, would be a little more than half way out to the visible surface of the sun. We say visible surface, for as a matter of fact the sun consists of several layers, the innermost of which (the photosphere) is the one we ordinarily see.

Outside of it there lies the chromosphere, a shell of incandescent gases, and outside of that again the mysterious corona. This last can only be seen during the few moments of totality of the solar eclipse. The chromosphere can be rendered visible by a clever application of the spectroscopic.

In the moon the amateur observer can find a never-failing object of interest. Even a small telescope will reveal features of her strange scenery. Look along the terminator (i.e., the concave edge of the crescent, or waning moon), and the detail, as brought out by the strong shadows, will prove highly interesting.

The fifth, eighth and tenth days of the moon's age are especially fine time for moon-gazing. At present four of the major planets are visible. Venus is the brilliant star visible in the west in early evening; Mars is near the star Spica, in the constellation Virgo, and is seen in the west also in the early evening. Saturn is on the meridian on August 11, shortly before midnight. During that month he will be well placed for observation. Look for him in the constellation Capricorn. Jupiter may be seen about midnight as a brilliant star low down in the southeastern sky.

The present is a fine time to become acquainted with some of the summer constellations. On August 15, at 9 p. m., the following constellations may be traced: Overhead, Lyra, with the brilliant star Vega; Cygnus, sometimes called the Northern Cross. Low down in the southwest will be seen Scorpio; in the west Libra and Serpens, and in the northwest Bootes and Corona Borealis. Due south, yet high up in the sky, is Aquila, easily recognized as a large V-shaped constellation. Immediately east of it is Delphinus, with its little diamond-shaped figure; and still farther east Pegasus, with its slightly curved long line of three stars, one of these forming a corner of the square of Pegasus.

Full moon occurs on the 8th August, last quarter 16th August, new on 22nd, and first quarter on 29th. Of late a small, yet quite visible, comet has been crossing the northern constellations at a rapid rate. It is recognizable as a hazy patch of light. On July 23 it was close to Alpha Draconis. It will soon vanish, as it is very quickly nearing the sun. The writer, using a very low power on his three-inch telescope, saw it well several times in July, though the frequency of wet, hazy evenings greatly interfered with observations. It had a well-defined nucleus surrounded by a mass of dimmer material, and had a short, somewhat ill-defined tail.

The World's Railways.

The total number of miles of railway now open for traffic in the entire world is estimated at about half a million, of which over two hundred and twenty thousand are in North America, about a hundred and seventy thousand are in Europe, something less than forty thousand are in Asia, about thirty thousand are in South America, about sixteen thousand are in Africa, and some thirty or fifteen thousand are in Australasia. In the list of nations the United States comes first, having 190,378 miles of railway (Bureau of Statistics figures at the beginning of 1903), other nations coming in the following order: Russia, German Empire, France, India, Austria-Hungary, Great Britain and Ireland, Canada, British Australasia, Argentina, Italy, Mexico, Brazil and Spain.

CONFEDERATION OF TRINIDAD AND CANADA.

A leading merchant of Trinidad is reported to have said when in Canada recently that the people of that island are anxious to confederate with Canada. This is the Canadian people and Canadian people as evidenced by the large export of O. J. Olive's Four to Trinidad during the past twelve months.

The Frog's Feeding.

Mr. Frog has an enormous mouth for his size, and if we were to put a finger inside it we would find that he has a row of teeth in the upper jaw and that his soft white tongue, unlike our own, is attached in front and is free behind. When he wishes to catch any insect he throws out the free end of the tongue, then draws it in so rapidly that it is difficult to see whether he has been successful or not. As the tongue is coated with a gummy fluid, the insect sticks to it and is carried back into the mouth, which closes upon it like the door of a tomb. Frogs, however, are not limited to one mode of feeding. They often leap open mouthed upon larger prey, which includes besides insects small fish, mice, small ducklings, pollwogs and tiny frogs.—Woman's Home Companion.

GRANTON MAN SPEAKS OUT.

To Let the Public know Dodd's Kidney Pills Cured Him.

John Fletcher had Lumbago and Kidney Disease and Couldn't Get no Relief Till He Tried the Great Kidney Remedy.

GRANTON, Ont., Sept. 4th.—(Special).—"I am glad to let the public know that Dodd's Kidney Pills cured me of Lumbago, and I am now perfectly sound."

"These are the words of John Fletcher, a well-known resident of this village, and similar tributes to the great Canadian Kidney Remedy can be heard on every side. "I had been troubled for a year with Lumbago and Kidney troubles," Mr. Fletcher continues, "when asked for particulars. "My urine was of a very bad color and I could get nothing to help me. I consulted the best doctors in Granton and St. Mary's, but got no relief. Finally I bought a box of Dodd's Kidney Pills and commenced taking them. They helped me almost from the first, and I was soon completely cured."

It is cures of this kind that have given Dodd's Kidney Pills their popularity. You can't find a neighborhood in Canada where Dodd's Kidney Pills are not known by their cures. If the disease is of the Kidneys or from the Kidneys, Dodd's Kidney Pills never fail to cure it.

The half may be better than the whole, but give a kid a pie and see when he stops.

Sore Throat.

Mr. Chas Johnson, Bear River, N. S. says: "I was troubled with hoarseness and sore throat and after taking three bottles of Dr. Wood's Norway Pine Syrup I was entirely cured."

A married man says his home is run by the rule of three—baby, wife and mother-in-law.

Worms are dangerous, often bring on convulsions and death. If your child is suffering from them, administer Dr. Wood's Pleasant Worm-Syrup which is safe and always effectual. Price 25c.

"Sometimes in Japan a girl does not see her husband until she is married."

"Over here she seldom sees him after he is married."

Minard's Liniment for sale everywhere.

When it comes to sailing the ship of life, the more rocks you strike the better the passage.

Headache: All Gone.

Mrs Melbourne Barker, Torbrook, N. S. writes: "I have used Milburn's Sizzling Headache Powders, and after taking one or two felt better at once, and was able to get up and go on with my work." Price 10c and 25c, all dealers.

Likely Sir Tommy thinks it better to have maced and lost, than never to have raced at all.

Minard's Liniment Cures Dandruff.

Mother—Tommy, you're really too bad! Here's a hole in your trousers that wasn't there this morning.

Tommy—Where do you suppose it was, then?

Hagyard's Yellow Oil is a good remedy for man or beast. It reduces swelling, allays inflammation, takes out pain and cures cuts, burns, bruises, sprains, quinsy, sore throat, etc. Price 25c.

Even the brakeman on a railroad is not allowed to break the rules.

Minard's Liniment Cures Burns, etc.

A fancy tie—The fashionable wedding.

Cures Biliousness.

"I have tried Laxa-Liver Pills, and find them an excellent medicine for Indigestion and Biliousness."

J. McCallum, Stouffville, Ont.

For getting in some fine licks on the small boys' stomach, the green apple crop is not so green.

\$900 BOYS and GIRLS. \$900

Ecrivez en Français ou en Anglais. For the Neatest and Best Written Copies of the Letter, Below, we Offer Prizes as Follows.

- 2 First Neatest and Best written Tiger Tea Letters, \$20 each—\$40
6 Next Neatest and Best Written Tiger Tea Letters, \$10 each—\$60
20 Next Neatest and Best Written Tiger Tea Letters, \$5 each—\$100
100 Next Best Written Tiger Tea Letters, a Tea Set, \$4 each—\$400
300 Next Best Written Tiger Tea Letters, a suitable gift for Xmas, valued at \$1 each—\$300

428 Prizes valued at Nine Hundred Dollars.

CONDITIONS OF COMPETITION 1st. Any boy or girl, 6 to 16 years of age, can compete by writing a copy of the TIGER TEA letter as below.

2nd. Each letter must be accompanied by 12 of the square cards found inside of the 1 lb. and 1/2 lb packages of blue and white labelled TIGER TEA

3rd. Award of Prizes December 31st, 1903, by Mr. S. L. Kerr, of St. John Business College. Letters to be sent to us by Nov. 1st, 1903.

4th. Neatness, style of writing and age of competitor will be considered in awarding prizes.

W. F. HATHEWAY & CO., ST. JOHN, N. B. (Canada), Nos. 15, 16, 17, 18, South Ward.

Messrs. W. F. HATHEWAY & CO., Importers and Packers of Tiger Tea in Ceylon, China, India, etc. DEAR SIRS—Our choice of home of Tiger Tea is grade No. 1, which is the best that the tea grower can give. It is the finest, most delicate flavor. We used to import Tiger Tea from China, but prefer the Tiger Tea in 1 lb packages, as it is less expensive, and because it is so convenient to carry. The tiger paws on the label are so arranged as to make the tea look like a tiger's paw. I am very glad to send you this letter about Tiger Tea, and if you will let me send you a sketch of a tiger which would perhaps be better than the tiger on your label. The rich flavor of Tiger Tea pleases everyone, and I hope that you will always have the quality of Tiger Tea. Every Chinese should buy a 1 lb packet of Tiger Tea, for besides its good quality, we have the work of blending, labeling, packing, etc. all done by Canadians in St. John. My age is... I am a school teacher... Hoping that this letter will win a Tiger Tea prize I am respectfully yours W. F. Hatheway & Co. Be sure and sign letter, giving full address—3th, 1st, 1st, & W. & W.

A Slaughter in Men's Clothing

100 Suits Clothing, broken lines, prices from \$5.00 to \$14.50, 33 1-3 to 50 p. c. off to clear.

35 Men's Odd Coats at half price.

A lot of Men's Odd Vests, at your own price.

300 pairs Men's Odd Pants, 1-3 off price.

A lot Boys' Suits at half price.

Come soon and get your size.

J. B. MacDonald & Co.

Patent Colt Skin Shoes

made by the Ames Holden Co., Canada's largest and foremost firm. They beat the world. Price, Gent's \$4.50, Ladies' \$3.50. Warranted 4 months.

CONROY, THE SHOEMAN.

Seaview, Ch'town, P. E. I.

'From The Atlantic to the Pacific

Statesmen, Lawyers, Doctors, and men in every sphere of life are invested with the

GREAT WEST LIFE ASSURANCE COMPANY

Write or call. DAVID INGLIS, General Agent, Ch'town, P. E. I. Queen Street.

REMOVED!

We have moved into our new store, corner of Great George and Kent Streets, in the block lately occupied by the late W. E. Dawson.

Stanley, Shaw & Peardon