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Colonist Excursions February 15th to April 30th. To British Columbia, California, Colorado, Idaho, Montana, Oregon, Utah, Washington, Etc.

GOOD TONIC. Iron Tonic Pills, 25c. 100, combined with a little laxative, will keep your system in order...

B. TAYLOR, Pharmaceutical Chemist. Princes St. Phone 59. Successor to E. C. Mitchell.

Butts Channel AND Reynoldsville Pump For Open Grates.

JAMES SWIFT & CO. Phone 135.

Cosy Night Fire. An attraction for every one. Cheery glow and immense heat...

Both's Coal. Sanitary and Scientific Basis. Sterilized milk and cream is prepared...

Our Coal is As Clean As Though It Were Washed and Brushed. Each lump stands by itself. Good solid coal—so much solid fire...

Investments. Real Estate, Mining and Oil Stocks. See Geo. Cliff, 115 Brock Street.

GRAND TRUNK RAILWAY SYSTEM

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To British Columbia, California, Colorado, Idaho, Montana, Oregon, Utah, Washington, Etc.

J. P. HANLEY, AGENT, City Passenger Depot.

Kingston & Pembrok. & Canadian Pacific Railways.

\$46.05 Kingston to Nelson, Robson, Trail, Rossland, Greenwood, Minto, Vancouver, Victoria, New Westminster, B.C., Seattle and Tacoma, Wash., Portland, Ore.

\$43.55 Kingston, to Spokane, Wash.

\$43.05 Kingston to Denver, Colorado Springs, Pueblo, Colo., Pocatello, Idaho, Ogden and Salt Lake City, Utah.

Second-class Colonist. Tickets good going February 15th to April 30th, 1908.

THE BAY OF QUINTE RAILWAY NEW SHORT LINE FOR Tweed, Napawa, Deseronto, and all local points. Train leaves City Hall Depot at 4 p.m. E. J. WILSON, C.P.R. Telegraph Office, Clarence street.

ALLAN LINE. From St. John. From Halifax. Monaghan, Feb. 14, Feb. 16, 10 p.m. Corinthian, Feb. 21, Feb. 23, 10 p.m. Pretorian, Feb. 28, Mar. 2, 10 p.m. Numidian, Mar. 7, Mar. 9, 10 p.m. Tunisian, Mar. 14, Mar. 16, 10 p.m.

RATES OF PASSAGE. First Cabin, Tunisian, \$60 and upwards. Other steamers \$50 and upwards. Second Cabin, Tunisian, Pretorian, \$40. Other steamers, \$37.50. Livery Pool, London, London.

DOMINION LINE STEAMSHIPS. BOSTON AND HALIFAX TO LIVERPOOL, via Queenstown. From Boston, Halifax, Canada, March 4th, March 6th, Canada, April 2nd, April 4th.

PORTLAND TO LIVERPOOL. From Portland, March 19th. From Boston, March 28th, Ottoman, March 7th, Atlantic, March 14th, Irishman, March 21st, VONMOUTH DOCK, NB, BRISTOL.

BOSTON TO MEDITERRANEAN. From Boston, Feb. 28, Cantonian, March 12, Commonwealth, March 28, Vancouver, April 2nd.

For further particulars apply to J. P. HANLEY, G.P.M., The Dominion Line, Montreal & Portland.

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ST. LUCIA, BARRADOES AND DEERSHARA, also afford beautiful and interesting tours, all reached by steamships of the Quebec Steamship Company from New York. For descriptive pamphlets and rates of sailing apply to A. EMILIAU, OUTER BRIDGE, 20 Broadway, New York. J. P. HANLEY, G.P.M., GILDERESLEEVE, Kingston, Ont. ARTHUR ABERN, Secretary, Quebec.



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Each lump stands by itself. Good solid coal—so much solid fire. After coal reaches the surface of the earth from the mines, impurities are picked out by hand. Thereafter it is screened several times before it reaches you, and dirt, slate, etc., really have no chance, if the dealers are careful. We are very careful.

Investments. Real Estate, Mining and Oil Stocks. See Geo. Cliff, 115 Brock Street.

TYPHOID FEVER.

DR. BRYCE IS SEEKING ITS SOURCE.

Thinks the Disease is Due to Contaminated Water—Will Have Tests Made—Wants the Board to Take Prompt Active Measures.

Alerted at the prevalence and increasing number of cases of typhoid fever in the city, Dr. Bryce, secretary of the Provincial Board of Health, considered it necessary to make an investigation, with a view to learning the cause, if possible, and putting an end to the mild epidemic. With this end in view he came down from Toronto Saturday night and had a consultation with the members of the local board.

Chairman McIntyre had asked a few physicians and others to be present to confer with Dr. Bryce. The following named assembled in the city council chamber at eight o'clock: John McIntyre, K.C., chairman; Mayor Bell, J. D. Thompson, Thomas McAuley, Prof. Goodwin, Superintendent Hewitt, of the waterworks department; W. J. Simons, J. R. Donaldson, Dr. Fee, M.H.O.; W. S. Gordon, S.I.; Alderman Craig, chairman of the city waterworks committee; Alderman Malen, Dr. Platt, warden of the Kingston Penitentiary; Dr. Herald, Dr. Mundell.

Chairman McIntyre announced that he had summoned the board together by reason of a communication received from Dr. Bryce, notifying the secretary of the board that he would be in communication with Dr. Bryce with regard to the prevalence of typhoid fever, and it was in reference to this that Dr. Bryce had come down. He was glad to welcome Dr. Bryce, who had done such good work in the province in having sanitary rules carried out.

With reference to typhoid, Dr. Bryce asked for some information as to the time of the first outbreak, and as to whom the cases increased in number. Mr. Gordon presented reports for December, January and February, showing one case reported in December, eleven in January, and thirteen so far in February. Five cases were reported on January 24th, and nine cases on February 16th. The February reports did not include hospital cases.

Dr. Bryce thought the figures presented an interesting picture. Appearance would indicate one source of infection at one particular time. He asked if it was known that on certain days milk was supplied to families of infected persons by the same vendor? That might be the source.

It was shown that three of the January cases secured milk from the same vendor. The other cases were distributed among various other vendors. Dr. Bryce did not consider this satisfactory as showing a cause. He pointed out that two samples of water tested on the 15th inst. had yielded the same results. Taking the nine cases reported on one day in January, that would give a good starting point as to the origin of the cases. Milk and water were the common causes, and reports would seem to clear the milk and attach the blame to the water.

He would not say this was the actual cause, but suggested that it might be. The tests made of the water showed the presence of pollution, in as much as the percentage of chlorine was done. He said it ought to be eight parts in a million. Pollution was always higher in winter, from sewage going under the ice; epidemics from Duluth down, had always occurred in the winter, and were due to this cause. It was shown that for winds to scatter the sewage, and most likely some of it had reached the mouth of the station pipe, or perhaps the pipe leaks, allowing sewage to find its way to consumption of water. He suggested taking samples of water from different points along the length of the pipe.

He would be pleased to assist the board in securing samples of water as suggested, and also as far west as the city limits. He also pointed out that the tests made of the water should be obtained at the same hour each day for two or three days. Superintendent Hewitt pointed out that a current swept eastward past the mouth of the pipe, so that sewage from the harbor could not very well be carried out towards the outer end of the pipe.

Dr. Goodwin informed Dr. Bryce that systematic tests of the water had not been made in the winter. Dr. Bryce stated that tests of water made here and at Toronto yielded the same results, showing double the normal amount of chlorine, which was always a factor of typhoid.

Dr. Goodwin had never before found more than four, or at the outside, five parts of chlorine in the water. He had eight parts. He also pointed out that there were salt deposits in the locality which might be accountable for the high percentage of chlorine now found. Dr. Bryce advanced the theory that on certain days the winds or currents disturbed the water as to carry

IRON-OX TABLETS. "We just had a call for..." "and the gentle..." "man remarked..." "that they had..." "done his wife..." "more good than..." "any remedy..." "she had ever..." "used..." H. W. Brown Drug and Book Company, Lincoln, Neb. A Gentle but Effective Laxative; not a Cathartic.

ODD RIDDLES.

Curious Rebuses, Enigmas and Other Word Tangles. Specially prepared for the Whig.

1.—Long Division.

Secretary Shannon was asked to communicate with the General Hospital to learn how many cases of typhoid were in that institution which had not been reported to the board. He stated that the authorities said there were ten defined and two suspected cases now under treatment there which had not been reported to the board of these, three had been admitted on the 12th, two on the 15th, three on the 16th, and one each on the 17th and 18th.

Dr. Herald said stress could not be laid upon the fact of so many cases being reported on a certain day; physicians usually reported cases when they had time, and might send two or more at one time.

Dr. Bryce asked if the suction pipe had recently been tested. Superintendent Hewitt said it had not been tested since it had been laid, when it was found to leak only 130 gallons an hour under twenty-pound pressure. Three years ago, a diver had gone over the pipe and found it all right. He could not say that the anchor which had fouled the pipe last fall had not injured it.

Dr. Bryce suggested that it would be advisable to close up the outer end and again test the pipe under pressure. He would send down bottles in which to secure samples of water in different parts of the harbor, and these he would subject to both chemical and bacteriological tests.

Dr. Mundell suggested that it would be more practical to secure samples of water from the pumping station, as that would be the water supplied to the citizens. Samples should be taken every hour for twenty-four hours.

Dr. Bryce accepted the suggestion as a good one. He stated that one or two cases of typhoid would be sufficient to create an epidemic if the sewage containing the germs found its way into the water supply.

Dr. Goodwin held that this winter there must have been some source other than the water. Dr. Bryce mentioned his theory of sewage containing typhoid fever germs finding its way into the suction pipe. He showed that in Toronto samples of water taken two miles from the city yielded as samples of typhoid fever germs as samples taken off the foot of Yonge street, because at the time the wind was blowing past Yonge street in the direction whence the lake samples had been obtained, and thus the lake water had been contaminated.

Mr. Donaldson remarked that changing winds were known to affect the water in Kingston harbor under the ice. In answer to Mr. McIntyre, Dr. Bryce said that there was not any other place in Ontario in which typhoid was epidemic at present. He suggested visiting all the ferry farms and obtaining samples of water from the wells thereon; that may be the source; it had been found so in Toronto, not long since. Milk vessels washed in water containing the fever germs would spread the disease. The speaker did not consider Kingston safe from disease with the suction pipe extending only 2,500 feet into the harbor; he had maintained from the outset that the pipe did not extend out far enough. All the way down from Port Arthur trouble had been experienced from a similar cause.

"You always will be trouble here," said he, "while your intake pipe is in the same bay into which sewage flows." Dr. Goodwin considered that safety lay in a matter of getting the pipe out far enough.

Mayor Bell stated that there were thousands of cases of diarrhoea which had not been reported or mentioned. Dr. Bryce said he had no doubt your water supply is polluted.

Mayor Bell supported Dr. Bryce in his claim that the water on all days should be tested. Dr. Bryce said he would do the work systematically, and he called upon the board of health to grapple with the trouble and get to work without loss of time.

Chairman McIntyre spoke of having the blood of suspected cases tested, and Dr. Herald added that this work should be done at the expense of the city. At present physicians had to bear the expense of every test out of their own pockets.

Mayor Bell pointed out that, in view of the city's generosity towards the university, that institution ought to undertake to do this work for the city free of cost.

Dr. Herald replied that the tests would have to be made by the medical college, which had not been benefited by any city grant. Dr. Bryce was surprised that the Kingston Board of Health, which had had credit with being somewhat in advance of the ordinary board, had not on its staff a reliable appointed person to make such tests. Dr. Herald supported Dr. Bryce. The board should have a bacteriologist attached to its staff for the good of the city's health, so that tests could be had without loss of time or money.

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THE DAILY WHIG, MONDAY, FEBRUARY 23.

A RECORD OF 28 YEARS

Of unflinching success in the cure of all BRONCHIAL and LUNG troubles—Recent Colds and Coughs, Bronchitis, Bleeding of the Lungs, Incipient Consumption, all yields to the Curative Effects of

OWBRIDGE'S LUNG TONIC.

It is not wise nor safe to experiment with new remedies which are offered on trial, when you can procure at any drug store an article which has proved so invaluable and is a "Household Word" throughout England, and is rapidly becoming so in Canada.

Orbridge's Lung Tonic. "YOUR LUNG TONIC HAS DONE WONDERS FOR ME IN STOPPING MY COUGH AND BLEEDING FROM THE LUNGS. IT CERTAINLY IS A WORTHFUL MEDICINE. ADA FLETCHER, LAWSON STREET, DARTINGTON." "MY WIFE, FAR GONE IN CONSUMPTION, HAS RECEIVED MORE BENEFIT FROM YOUR LUNG TONIC THAN FROM ANY OTHER MEDICINE SHE HAS TAKEN." MARK JACKSON, HIGH ST., BIRMINGHAM. 35c. and 75c. per bottle.

COLLIDED WITH A DRAY.

And Serious Injury and Death Resulted. Paris, Feb. 23.—A chauffeur, employed by M. Danoy, of Versailles, entered the family of his friends, yesterday, by giving them a ride in his employer's automobile. While speeding at forty miles an hour, near Aix, the machine dashed into a dray. The chauffeur was fatally injured, and his friend, who was occupying the front seat with him, was impaled on one of the shafts of the dray and killed. Another friend had his skull fractured, while the fourth had seven ribs broken. The drayman jumped when he saw a collision was inevitable, and escaped unhurt.

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Self-opening, square bottom GROCERY BAGS, also Hat, Millinery and Glove BAGS, and Flour and Cement SACKS are made from the TOUGHEST PAPERS, in all sizes and weights.

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The Purest AND Most Agreeable Beverage ON THE MARKET. Not Carbonated—Made From the Best of Malt and Hops.

JAS. McPARLAND, AGENT.

RUBBER MATS

A nice assortment and a number of patterns suitable for both inside and outside.

See Our Samples.

Our February Enamelled Ware Sale

Still going on. Hundreds have got bargains and saved money at this sale. Why not you?

McKELVEY & BIRCH, 69 and 71 Brock St., Kingston.