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PLAGUE SPREADING IN CAPITAL OF THE RUSSIAS

City Authorities Fail to Take Necessary Precautions—Germany Hears News With Concern.

ST. PETERSBURG, Sept. 11.—St. Petersburg has jumped to first place among the cholera infested centres in Russia. The disease already has gained a foothold in all quarters of the city. There have been sixteen new cases and three deaths up to noon today. This gives a total of 68 cases for three days.

The municipality has placed the sum of \$21,500 at the immediate disposal of the sanitary commission with which to fight the disease. The commission has opened six vaccination stations, but vaccination is unpopular, and only 100 persons have submitted thereto.

Frightens Germany. BERLIN, Sept. 11.—The announcement that there have been nineteen deaths from Asiatic cholera in St. Petersburg, has caused a disagreeable shock throughout Eastern Russia, and in Berlin, which city is within four hours train journey of the Russian border. The news has brought out a quieting declaration to the public from the Prussian ministry of health, in which it is said that every arrangement has been made for dealing with the cholera should it cross the German frontier.

BUSH FIRES NEAR BROCKVILLE

Swamp Close by Is in Flames and Rain Alone Can Stop Them.

BROCKVILLE, Sept. 11.—(Special.)—Bush fires are raging in the vicinity of Brockville to an extent that is becoming alarming on account of the continued drought.

Not far from the town a swamp is located called "The Back Pond" and is in flames with great danger of enveloping the district surrounding, which is farming land, and thickly populated. Nothing can be done to stay the progress of the fire except rain, which is urgently needed.

The smoke from these fires is thick in Brockville and settled on the river like a fog, causing much inconvenience and danger to the steamship men.

Wells generally are dried up, and farmers at their wits end for water for cattle and domestic use.

CANADIAN NORWHEM RAILWAY

Change of Time Sept. 20th, 1908—"Lake Shore Express" Comes Off

Commencing Monday, Sept. 21, the fall schedule will come into effect. The Sudbury Express, train No. 1, will leave Toronto at 9 a.m., and the evening train, No. 5, for Parry Sound, at 5 p.m.

Southbound No. 2 will leave Parry Sound at 5 a.m., arriving Toronto at 10:30 a.m., and No. 6 will leave Sudbury at 7 a.m., arriving Toronto at 5:30 p.m.

Observation-dining-parlor cars will be operated on trains No. 1 and 6 between Toronto and Sudbury.

Mine Still Burning. HALIFAX, Sept. 11.—The fire in No. 1 colliery of the Nova Scotia Steel and Coal Company's mine is still burning, and the complete fire fighting apparatus of the big plant is concentrated on No. 1.

GOES TO PARIS. BRANTFORD, Sept. 11.—Rev. Herbert S. Mahood of London has accepted a call to the Congregational Church at Paris and assumes charge Oct. 1.

Ottawa and Return, \$5.40. Via Grand Trunk Railway System Sept. 22, 24, 25 and 27 to Sept. 28, inclusive. Return limit on all tickets Sept. 28. Secure tickets at city office, northwest corner King and Yonge-streets.

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CROP ESTIMATES.

Statistics for August Show a Decrease Due to Drought.

OTTAWA, Sept. 11.—(Special.)—The census and statistics monthly for September reports the rainfall of the month as scant and the temperature high, and the condition of the later ripening cereals somewhat lowered as compared with promises of June and July.

In Quebec the outlook has continued to be favorable and in Ontario also, in spite of the drought, the conditions have been fairly well maintained. West of the Great Lakes cereals were considerably affected by hot winds in August, but less in Alberta than elsewhere, owing to the earlier ripening conditions there.

In Manitoba, Saskatchewan and Alberta the estimated yield of wheat is 104,053,000 bushels, as compared with 110,524,000 bushels at the end of July. The estimated yield of oats has also fallen from 120,353,000 bushels to 107,860,000.

The following gives for the Dominion the estimated total yield at the end of August: Wheat, 124,690,000; oats, 269,944,000; barley, 49,455,000.

CONTINUE PENNY BANK.

Galt School Board Have Changed Their Decision.

GALT, Sept. 11.—(Special.)—Notable visitors to Galt to-day were Walter Cassels, K.C., and Charles Clark, manufacturer, of Toronto, who had a conference with the public school board and teachers regarding the penny bank which the school board proposes to abolish. The trustee who inaugurated the system, ex-Chairman F. S. Jarvis, manager of the Merchants Bank, conceived the idea of the conference with the gentlemen from Toronto, in which city the penny bank flourishes in the public school. Such representations were made by the visitors that the board decided to continue the bank for the time being.

WANT TIME

Niagara-Wendell Power Company Will Make Application.

OTTAWA, Sept. 11.—(Special.)—Application will be made to parliament next session by the Niagara-Wendell Power Company for the passing of an act to extend the time for the completion of its authorized works.

Mortgagee Deported. OTTAWA, Sept. 11.—(Special.)—The installment of the mortgage bearing date Jan. 1, 1908, made between the Berlin, Waterloo, Wellesley and Lake Huron Railway Company, the Royal Trust Company and the Canadian Pacific Railway Company for the purpose of securing bonds of the Berlin, Waterloo, Wellesley and Lake Huron Railway Company to the extent of \$426,000, has been deposited in the office of the secretary of state for Canada.

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SIR WILFRID LAURIER WRITES TO METHODISTS

Temperance Board Calls for a New Provincial Police System in Ontario.

A letter from Sir Wilfrid Laurier was received yesterday morning by Rev. Dr. Chown, and read to the Methodist committee on temperance and moral reform.

It stated that a treaty had been entered into with the United States, the purpose of which is to arrange a neutral zone on either side of the international boundary line in order to prevent the erection of line houses for the illegal sale of liquor and the evasion of customs duties.

Rev. Dr. Chown presented, General Secretary Rev. H. S. Magee presented reports of a year of great activity. The members of the committee present included: W. T. Lawrence, Samia; S. J. Carter, Guelph; J. J. Mason, Bowmanville; Rev. T. E. Bue, Kingston; Rev. J. W. Cooley, Hamilton; Rev. J. G. Lewis, Pleton, and Rev. T. Albert Moore, secretary of the Lord's Day Alliance.

Rev. Dr. Chown presented an exhaustive report on the conditions prevailing in Northern Ontario, the result of personal investigation. It reported a disregard of the Liquor License Act and the laws for the suppression of Vice.

The committee in acting on Dr. Chown's report, adopted a resolution authorizing an appeal to the Ontario Government to organize a special police force somewhat on the lines of the Northwest Mounted Police, to give special attention to the newer settlements.

Rev. H. S. Magee, field secretary, who has spent the greater part of the year in the west, emphasized the evil of the sale of liquor to Indians and a better enforcement of the law in that respect will be asked for.

The committee on prison reform reported in favor of the probation and indeterminate prison system. The report expressed the opinion that restitution by the offender should be expected and required.

Resolutions in favor of the pledging of political parties in different constituencies to abstain from impure election practices, and for the suppression of bookmaking at race-tracks, were adopted, and for fuller sociological study in the Methodist colleges.

The finances were reported to be in satisfactory condition, but that owing to the growth of the work an increased support would be needed this year.

WHERE JUDGMENTS DIFFER.

Editor World: In an editorial in today's issue, criticizing Mr. Justice Anglin's judgment in the Hamilton case, you allow me to point out that in the latter case the mayor refused to sign a by-law authorizing a legal and valid contract, and the learned chief justice found that he had no right to do so, while in the former case the mayor refused to sign a by-law authorizing a contract which the learned judge finds would be illegal, invalid and possibly a breach of trust. And his decision upholding the mayor's contention is based entirely on that ground. The two cases therefore are very clearly distinguished.

A Constant Reader of the World.

Our correspondent misses the point. The chief justice declined to consider the competency of the Hamilton bylaw, holding that the mayor had no option in the matter, whether his objections were valid or otherwise. Mr. Justice Anglin, on the contrary, holds that a mayor has an option which the courts will sustain if properly exercised. There is thus a vital distinction making the decisions irreconcilable.—Ed.

Fall Excursions, 1000 Islands, Montreal, Quebec, and Saguenay.

Now in effect via the Richelieu and Ontario Navigation Co., at exceptionally low rates, including meals and berth. September is one of the most delightful months of the season to make a trip of this nature and to visit the beautiful 1000 Islands or to spend a few days in those most interesting cities, Montreal and Quebec. A trip up the Saguenay River is well worth going miles to see. Full particulars regarding rates and service can be obtained at ticket office, 2 East King-street, Toronto.

Two methods of fighting this insect are recommended, namely, spraying with lime sulphur in the springtime, while the trees are in the dormant stage, or using kerosene emulsion just as the buds are expanding. This latter system catches the pest just at the time when the mites are leaving their hibernating quarters (the bud scales which have been formed the year before), from whence they migrate to the under sides of the leaves and form galls or blisters on the foliage.

The codling moth has been doing serious harm in the past two or three years, and in connection with the striking object-lessons the department is showing of its destructive work the strongest effort is urged upon every fruit grower to beat it back, and the government authorities will be pleased at any time to supply information in this direction.

The Heenan Fly. The Ontario Agricultural College has given very special attention to the Heenan fly, which has been deplorably abundant this year. This subject will be treated thoroughly in the annual college report, which will be issued in January. In the meantime the department desire it to be known that planting of fall wheat should be delayed until the latter part of this month, as the flies come out about Sept. 1 and lay eggs on the planted grain. If seeding is delayed a few weeks the flies will simply die and their evil effects will be missed.

Whereas last year the variegated cut worm sailed into the tomatoes, this year it has been the spotted cut worm that has done the damage on vegetable gardens by attacking the turnips.

In addition to fungi diseases which beset beans, etc., rusts and late blights, the exhibit includes upwards of 200 samples of weed seeds in glass bottles with full instructions regarding their effects are cheerfully given by Prof. Jarvis.

A complete and interesting exhibit of the minerals of the province is also to be seen in the horticultural building at the exhibition, a lengthy description of which was given in yesterday's issue of The World. It is in charge of Prof. Nicol of the School of Mining, Kingston. The display is well arranged and attracts a great deal of attention. Especially is this so in regard to some of the principal Cobalt properties.

ONT. GOV'T. EFFORTS TO COMBAT CROP BLIGHTS

A Visit to the Agricultural Exhibit at the Canadian National Exhibition.

For the convenience and edification of all persons interested in agriculture and the fruit industry, the Ontario Department of Agriculture has had a special exhibit in the main wing of the horticultural building, wherein are shown the best recommended methods of packing fruit, vegetables, etc., for far-off shipment; the best recommended products of the farm—fruit, vegetable and grain—as a guide to the agriculturalist, and the best recommended methods of combating the disease plagues, and so on, that assail and destroy the crops.

While these extensive exhibits give but a meagre comprehension of the vast amount of attention the Ontario Government has given to research and experimenting for the benefit of these industries, yet it is justly calculated to do immediate good, and should not be overlooked by anyone who is confronted by the many problems embodied therein.

P. W. Hodggets is in charge of the fruit section of the exhibit, and Prof. Jarvis is in attendance with a collection made in entomological department of the Ontario Agricultural College, showing the pests that beset fruits, vegetation and foliage.

In the fruit section, the main idea has been to show good specimens of as many as possible of the varieties grown in this province, as well as to have all the recommended varieties on display so that any person interested in fruit growing might profit by the findings of reliable scientists on the subject. The best known methods of packing apples, pears, plums, grapes and peaches for shipment to the English and western markets, were demonstrated with special advice that apples and pears be packed in a certain manner in boxes.

Recommended Varieties. The number of recommended varieties in apples is exceedingly large, and the specimens exceptionally good this season. Some of the results of Prof. Jarvis's experiments in cross-breeding apples for producing new varieties are shown, and some fine specimens of fall and winter apples that have been grown for export in cold storage are also to be seen.

The plum exhibit, the large, has been confined chiefly to the varieties recommended for export to the commercial plantings.

Amongst the known varieties of peaches, only eight or ten are recommended for export to the United States. Amongst these are the Jacques, Rare Ripe, Yellow St. John, Alberta, Niagara, Barnard, early and late Crawford, and the Supreme Triumph and Leamington.

It is well to state that every class of fruit that has any commercial value has been taken up thoroughly in this exhibit, which has been gone into on a much larger scale than has ever before been attempted. The exhibit is a study of the system of rural mail delivery as it exists in some of the border states of the American Union, with a view to informing the Ontario farmer of the possibilities of the province and enable every person to get full and reliable information regarding the industry.

In the collection of insects and pests which beset the fruit farm and garden crops, the history and work of destruction is disclosed in various stages of progress. Also the scientific explanation of fighting these plagues are explained by Prof. Jarvis.

Fighting the Pests. The real harm in every case is done by the insect in the larval stage. The Blister Mite, which has attacked nearly every apple and peach orchard in the province in the last year, is shown in various stages of development and as it carries on its destructive work.

Two methods of fighting this insect are recommended, namely, spraying with lime sulphur in the springtime, while the trees are in the dormant stage, or using kerosene emulsion just as the buds are expanding. This latter system catches the pest just at the time when the mites are leaving their hibernating quarters (the bud scales which have been formed the year before), from whence they migrate to the under sides of the leaves and form galls or blisters on the foliage.

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