

# CANADIAN TEACHERS WERE ROYALLY WELCOMED

Another Interesting Letter From Mr. C. A. Sampson Describing the Arrival of the Teachers in England--Torquay a Most Beautiful City

In England, July 11, 1914.  
On Saturday noon we got sight of the famous Eddystone Light and with remarkable despatch the hoisting machinery had the hundreds of trunks belonging to the Over-the-Sea party from Canada brought from the hold and piled on deck. Then the genial porters and sailor boys emptied staterooms after luncheon, until all the shawls, fur coats, suit cases and grips made a big pile forward. Not more than two or three umbrellas were forgotten--that's not many. After crossing the English Channel the good ship Grampian moved at less than half speed for more than an hour, feeling her way into Plymouth Harbor and shortly before five o'clock she dropped anchor in the offing and directly a saucy-looking little steamer came whistling to our side. This vessel contained the mayor of Plymouth in plain dress suit, (the tall hat looked old-fashioned), and officials and a delegation of English teachers. A brass band was also on deck and before reaching the ship the band played the National Anthem and then the Canadians became uproarious. This was followed by The Maple Leaf. Then the mayor and others came aboard ship and were cordially received by Mr. F. J. Ney, the honorary organizer of the Hands-Across-the-Sea party and escorted them to the presence of the brave captain of the ship. It would take too long to tell all that subsequently happened, but the parting of friendships made in storm and fog was sincere and hearty. Our lighter sailed to several points of interest and closely around two of England's big warships, then quickly landed us on Plymouth's magnificent dock, where we were introduced to a bevy of customs officials and the timid western girl teachers as well as the reckless man had to answer the question "Have you any tobacco or spirits in your luggage?" The examination was only formal with our party for every piece of baggage had an official label on it and the officer quickly placed his chalk mark and we were hustled aboard those funny compartment cars for a three-hours' ride to Torquay, where we were told dinner was awaiting us. It was a great disappointment, owing to late arrival, that we were unable to "do" Plymouth.

## ALL WORE ROSETTES.

En route we were supplied with rosettes of different colors and a ticket with the name of the hotel in which we are to spend four days. We were instructed to follow the color of our badge at the depot. The reception committee had us in teams in a jiffy and in fifteen minutes we were at dinner in our respective hotels. Unfortunately in the mix-up the Fredrickton contingent was located in three different hotels and such hotels! Each located in a garden of palm trees, roses and fruit. This is written in the San Bemo.

## A BEAUTY SPOT.

The writer has not yet seen much of England but declares this to be the prettiest city he has ever seen. Here's what Max O'Neil says: Having travelled twice around the world, I declare to you that Torquay is the

prettiest spot I have ever seen." Paved streets, always clean, stone mansions everywhere, no poor dwellings, churches dating back to 1531, and every garden or park enclosed with stone walls from six to twenty feet high and in all sections of the city most beautiful hedges that may be traversed for miles by the public. Pavilions and all sorts of amusement places, public parks for sports in every direction and everything calculated to make life, happy abounds. Double decked tramway cars always crowded and autos and motor cycles buzzing along from twenty to fifty miles an hour and not many people are killed in a week. Sunday is as sacredly observed as in a Scotch city.

## SUNDAY SERVICE.

A special service for the Canadians was held in the noted St. Luke's church, very much like our own Cathedral. His Worship the Mayor, fully robed in scarlet, the city clerk with big, ill-fitting wig, some official carrying a big staff, led by twenty-five policemen and followed by about the same number of aldermen, occupied a reserved section of the church and immediately behind was reserved for the Canadians. The preacher, an elderly man and prominent educationalist, Rev. Prebendary Statham, was happy in his address and his theme was Discipline and Development. The service was largely choral, the choir being composed of about sixty persons, one-half of whom were boys, and with the splendid organ was a delight to all music lovers. But the service was very high and would no doubt prove objectionable to some New Brunswickers.

A long line of cabs were waiting to carry us sight-seeing this morning. A special concert in the Pavilion in the evening, for which all Canadians are supplied with reserved tickets; at ten o'clock tonight a reception by the mayor in the Pavilion Cafe, followed by refreshments. On Tuesday night the city will be illuminated in honor of "our Canadian cousins," and at a late hour we take the train for Exeter.

Chas. A. Sampson.

## PAUL J. RAINEY'S AFRICAN HUNT.

Which will be presented in this city Friday and Saturday of this week at the Gaiety Theatre is said to be the most marvelous production ever attempted in motion pictures. In the act of taking a picture of an oncoming lion, owing to a bad shot by the man supposed to kill the animal, before he could reach the camera man, the infuriated animal crashed right into the machine, instantly killing the operator. The film is perfect right up to the time the animal sprang.

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## MANY MORTGAGED FARMS

Nearly Half Ontario's Agricultural Land Encumbered But Not Unduly

About 15 per cent. of the total value of the farm property in Ontario is mortgaged, according to a statement appearing in the report of the provincial Minister of Agriculture. This conclusion was arrived at as a result of a canvass undertaken by the district representatives of the Department, who found that 45 per cent. of the farms were mortgaged, and one third would be a fair estimate of the amount of the mortgages.

This financial survey of farm conditions, as it might be called, was ascertained under the following heads: (1) The percentage of farms mortgaged, per cent. of mortgages in value of farms, and whether increasing or decreasing; (2) the extent of deposits by farmers in saving banks; (3) the extent of the demand on the part of farmers for loans; (4) rate of interest paid on both long and short-term loans; (5) whether the loans were on the purchasing of land only or for financing farm operations.

Bankers, business men, lawyers, registry office officials and prominent farmers were relied on for the information gathered, and the answers are considered reasonably reliable.

There seems to be a unanimous view that mortgages are decreasing in number. A proportion of the mortgages, it was ascertained, were taken to enable speculation in western real estate.

With regard to deposits, it was stated that these have materially increased in recent years. One county estimated a 20 to 30 per cent. increase; another 70 to 90 per cent.; another 75 per cent. No accurate figures could be given of the total amount of farmers' deposits, but from estimates furnished from the different counties, it is assumed that the farmers of Ontario have one hundred million dollars at their credit and that the farm wealth of the Province is valued at \$1,405,950,940.

## Eliminating Scale in Boilers

It is needless to state that the accumulation of scale on boiler heating surfaces resists the transfer of heat and therefore acts to reduce the efficiency of steam production. Water contains two kinds of scale-forming "hardness"--temporary and permanent. The temporary hardness consists principally of the carbonate of lime and magnesia, and can be largely eliminated by raising the water to a temperature of about 190 degrees in an open vessel to allow the escape of carbonic acid gas. An open type of ed-water heater with ample depositing and filtering arrangements is of the simplest solution. For neutralization of the permanent hardness, implying the presence of sulphates in the water, it is usual to resort to chemical purification. Special apparatus are available which are capable of combining the two operations for both kinds of hardness. Permanent hardness may also be reduced by duplicating a part of the action of the boiler itself, by the use of a closed purifier in which the feed water is subjected to a high temperature under pressure. These are questions involving chemical determination to gether with the best advice obtainable. --Engineering Magazine.

Some people seem to get a lot of enjoyment in keeping others from enjoying themselves.

Teaching a girl to flirt is about as easy as persuading an amateur singer to take an encore.

## SCIENCE AND FORESTRY

Elimination of Wood Waste Will Save Country Many Thousands of Dollars

It has been estimated that in converting logs into finished lumber and lumber products, the waste amounts to over 50 per cent. of the bulk of all trees cut for lumber. This is equivalent to an annual loss of from \$10 to \$15 for every man, woman and child in the country. At present it is impracticable from a financial standpoint to reduce this waste as there is no market for the tree tops, culls and weed-trees left in lumbering operations, and only a very limited one for the bark, slabs, sawdust, edgings and trimmings of milling operations.

The Department of the Interior is recruiting the staff of its Forest Products Laboratories, recently established in connection with the Forestry Branch, with skilled mechanical and chemical engineers and by constant experimentation it is hoped to find a commercial use for these products.

Timber has often been shunned as a structural material because no reliable figures regarding its strength were available, and when complete tests have been made it is regarded as certain that a demand will be created for some of Canada's tree species which are now left in the woods as valueless.

The Forestry Branch of the Department of the Interior, Ottawa, of which these laboratories are one development, has recently issued a circular describing the various lines of investigation to be followed at these laboratories. Not the least important will be to develop chemical methods for utilizing minor wood wastes and another circular written by the engineer in charge of the work deals with the general aspects of the subject. A large percentage of the small-sized waste wood can be utilized by the process known as "destructive distillation," but the machinery employed in this process is not very efficient. The main factory of ethyl alcohol and producer gas from sawdust has already been proved feasible, and the securing as Superintendent of the Laboratories of J. S. Bates, B.A., B.Sc., one of the foremost authorities on wood-pulp manufacture in America, ensures the development of this Branch of Wood Utilization.

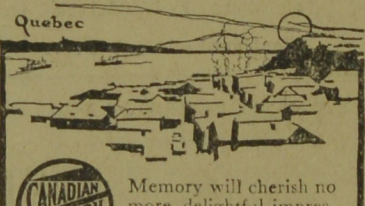
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