

the Indians in their own clothing, and it was difficult to distinguish the Indians from the Japanese.

Dr. W. R. Shaw read a paper on the disease called "Peach Yellows." After sketching a history of the disease in the United States and Canada he went on to detail the signs which characterize the disease. He enumerated the preliminary results which he has obtained during the past season in the bacteriological investigation of the disease, and demonstrated that a particular germ has been found which is the probable cause of it. He stated that he would lay before the Institute at some future date the results of inoculations, etc., into healthy vines to find out if the diseases be actually due to the bacillus which he has found. Dr. Shaw's paper was illustrated by the microscope and culture tubes.

Prof. Macallum said that it had been stated to him that probably in six or seven years there would be no peach orchards in Niagara. He hoped that Dr. Shaw would continue to pay attention to the subject, as the results were such as would reward him for his investigations. He suggested that the Biological Section should take up the matter. The Institute should also take action. They should urge the importance of the subject on the legislature, and in view of the great annual loss sustained of about \$100,000, should obtain aid in carrying on the investigation. As the whole Dominion was interested in this matter of diseased peaches it should also be brought to the attention of the Dominion Government and stringent measures adopted.

A resolution was passed referring the paper to the Council of the Institute to take necessary steps to bring the subject before the Government and people of the Province and Dominion.

FOURTH MEETING.

Fourth Meeting, 28th November, 1891, the President in the chair.

Donations and Exchanges since last meeting, 44.

Prof. J. G. Hume, and Henry Duggan were elected members.

A paper by Dr. MacNish on "St. Columba or Colum Cille," was read. The paper gives some facts as to the geography and history of the island of Iona, sketches rapidly the life and work of St. Columba, gives some account of his writings, and concludes by a comparison of a number of words and phrases in the Irish and Scottish dialects of the Gaelic language.