

cotyledon and seeds with two, seeds whose cotyledons were raised above the soil and seeds whose cotyledons remained below the soil, seeds sending out tap roots and seeds with fibrous rootlets.

Small sheets of glass and seeds were supplied the students in order that each might make some experiments at home. One result of these home experiments was reported, that has a peculiar interest and that illustrates the inherent possibilities of Nature Study. A middle-aged business man who saw a student's experiments, became so fascinated that he began work for himself and was still carrying on his studies with seeds when the Summer School closed.

Every lesson in Botany was illustrated as far as possible with lantern slides. The students were unanimous in their opinion that these were of great service in making clear the lectures. Sometimes not more than three or four slides were used during a lesson. The educational value of lantern slides with either children or adults is often inversely proportional to the number used.

An interesting lecture was given by Dr. H. M. Ami on ferns. The lesson was introduced by a reference to the classification of ferns illustrated by beautiful specimens. Dr. Ami then gave the students an opportunity to examine the reproductive organs of ferns under a high-power microscope.

An inspiring address was given by Prof. Robertson on the Manual Training and Nature Study Schools organized under the Macdonald Fund. Several students determined to take a thorough course in Nature Study when the College at Ste. Anne de Bellevue shall be ready to give them a welcome.

A very profitable lecture was given by Prof. Prince, of the Fisheries Department, on Fish Life. It was superbly illustrated and delivered in a most pleasing manner by a man who has given the greater part of his life to this one subject, and whose opportunities for studying fish habits have been unrivalled.

On the whole, although a course of three weeks has many limitations, it has some possibilities. The chief of these is the giving of an intelligent and rational inspiration.

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The great success of the Ottawa Summer School this year was undoubtedly due to the great care with which all arrangements were made by Dr. White and Mr. Putman, not only for the instruction of the visitors but for their comfort in every way. All in attendance felt that. The constant patience and courtesy of these gentlemen and of Mr. Attwood, as well as the vast amount of useful and helpful knowledge imparted, made what was undoubtedly a period of hard work also a pleasant holiday.—NATURE STUDY EDITOR.