

In addition to the monthly magazine, the Society presents an annual report to the Legislature of Ontario. The 22nd was published by the Department of Agriculture in January last. This report for 1891 contains an account of the proceedings at the annual meeting of the Society, the President's annual address and the reports of the officers, the Montreal Branch and the Sections, and the papers read on the occasion.

The President in his address drew the attention of the Society to the most serious insect attacks of the year, and gave an account of the ravages of "the Eye spotted bud moth" (*Tmetocera ocellana*), "the Lesser Apple-Leaf Folder" (*Leras minuta*), "the Oblique-banded Leaf-roller" (*Cacasia rosaceana*), "the Canker-worms" (*Anisopteryx vernata* and *pometaria*), "Cut-worms," the "Pea-weevil" (*Bruchus pisi*), "the turnip flea-beetle," "the Striped Cucumber Beetle" (*Diabrotica vittata*), and other more or less injurious insects. Among the papers published in the annual report may be mentioned the following: "Can Insects Survive Freezing?" and "Pamphila Manitoba and its Varieties," by Mr. H. H. Lyman; "*Nematus Erichsonii*," the Larch Saw-fly, whose destructive ravages among the tamarac swamps of the Province of Quebec are fully related by the Rev. T. W. Fyles; "a Microscopical Examination of an Unexpanded Wing of *Callosamia promethea*," by Mr. J. A. Moffatt; "an Account of some of the Collections of Insects in England and Germany," by Capt. Gamble Geddes; "the Northern Mole Cricket," by Mr. J. Fletcher; "Notes on Japanese Insects," by Mr. W. H. Harrington; "The Moose Fly," by Prof. W. A. Snow.

The various Sections of the Society, which were organized about two years ago, report very satisfactory progress. The Ornithological Section state that their "membership while not large is enthusiastic;" they have prepared a list, which is published in the annual report, of 97 birds known to breed in the county of Middlesex, Ontario, and of 20 other species observed in the same neighborhood and which will probably be found breeding there. The species are distinguished into those which are decidedly beneficial on account of their feeding habits, those which are neutral, and those which are open to doubt as being possibly injurious.

The Microscopical Section have held numerous regular meetings and several popular exhibitions; the subjects to which their attention was chiefly devoted were the manipulation of the microscope and the preparation of objects, and the examination of *algæ*, *fungi*, including the destructive Black-knot on fruit trees, ferns, etc.

The Botanical Section held weekly meetings throughout the greater part of the year, and have begun the formation of a collection of native plants, which is deposited in the rooms of the Society; a floral calendar has been kept; two mosses new to Canada have been discovered, and seventy species of fungi have been added to the North American list.

The members of the Geological Section have held evening meetings every week, at which they applied themselves to the serious and methodical study of the science, and when the season admitted, frequent field-excursions were made for practical work. During these they covered a large area of country and gathered many rare and valuable specimens of fossils.

The formation of these Sections of the Entomological Society for the encouragement of work in other departments of science, has thus been amply justified. The results have been most satisfactory, and the cheerful assistance given by the members of one section to those of another has been most useful. While occupying widely different fields of study they are constantly brought into contact with one another and find the benefit of co-operation as members of one Society, as well as the advantage to be derived from its library and rooms, and complete organization. The result is to make London, the headquarters of the Society, a centre of scientific work for the peninsula of Ontario, and to attract its residents, especially the young, into the delight-giving paths of Natural Science.

The annual report of the Society contains also a full record of the very important meeting of the Association of Economic Entomologists held in Washington in August last under the presidency of our colleague, Mr. James Fletcher, of Ottawa. This Society was