

REPORT OF THE MICROSCOPICAL SECTION.

Of the Entomological Society was presented and read by Mr. Foote, as follows:

As no report of the meetings since organisation has been made to the Society, I have much pleasure in presenting the following:—

Upon March 15th, of last year (1890) a meeting was held in these rooms to consider the advisability of organizing a microscopical section. Prof. Bowman was elected chairman *pro tem*. The meeting was called at 8 o'clock. Those present, Messrs. Bowman, Dearness, Arnott, Stevenson, Foote, Magee, Wilson, and Drs. Hodge, Gardner, Arnott and Hotson, all expressed their opinion in favour of the movement, and the section was fully organized, appointing Mr. Denton permanent chairman. Meetings were held regularly upon the second and fourth Friday of each month, from that time till postponement at last general meeting, held in April, and opened again upon Friday, Oct. 9th.

The meetings and attendance are as follows:

12 regular meetings; 4 open, (3 for the public, and one for the benefit of the ladies of Hellmuth College).—Total, 16 meetings and one outing. Average attendance of members, 10.

The following are some of the subjects taken up. For a fuller report I refer you to the minute book:—

Manipulation of the Microscope	}	Prof. BOWMAN.
Angular Aperture		
Chromatic and Spherical Aberration.		
Test objects—Pleurosigma, Heliopelta.		
Mounting and Mounting-media—Mr. BURKHOLDER.		Fungi—Mr. J. DEARNESS.
Examination of Algae, Spyrogyra, Draparnaldia,	}	Mr. BURKHOLDER.
Oscillatoria; A Sexual division of Spyrogyra.		
Black Knot—Mr. J. DEARNESS.	Fertilisation and Growth of Ferns	} Mr. J. DEARNESS.
	Structure of an Exogen.	

Examination of the results of an outing to the ponds—Daphnia, Cyclops—an unknown larva found in the pitchers of the pitcher plant. Drawings were taken for future reference.

LONDON, Nov. 25, 1891.

REPORT FROM THE ENTOMOLOGICAL SOCIETY OF ONTARIO TO THE ROYAL SOCIETY OF CANADA.

BY THE REV. THOMAS W. FYLES, F. L. S., DELEGATE.

Canadian Entomology is the outgrowth of the last thirty years, and in its development the Entomological Society of Ontario has played no unimportant part.

The first movement towards the formation of this Society was made in 1862; and at that time according to the statement of the naturalist Grote (19th Report of the Entomological Society of Ontario, p. 62), there were probably not one hundred species of Lepidoptera named and determined in any collection on this continent. The Society was fully organized on the 16th of April, 1863. In August of 1868 it commenced the publication of its monthly organ, the *Canadian Entomologist*, which ante-dated by one month the *American Entomologist*, edited by Walsh and Riley. In 1871 the Society was duly incorporated, and since then, under the fostering care of the Ontario Government, it has maintained its important position as one of the leading Entomological societies on the continent of America.

One of the conditions of the Act for its incorporation, was, that it should present to the Minister of Agriculture for Ontario, an annual report of its proceedings. Twenty-one such reports have now been issued, the whole embodying a vast amount of valuable entomological information.

The report for 1890 contains an account of the proceedings at the annual meeting of the Society, the address of the president, and the various reports and papers read on that occasion. It contains also, full and interesting notes of the proceedings at the Indianapolis meeting of the Entomological Club of the American Association for the advancement of Science, and of the American Association of Economic Entomologists held at Champaign, Illinois. These notes were presented by Mr. Fletcher, who had attended the meetings of the associations as the Society's representative. They are followed in the report by various original papers, thought to be of interest both to entomologists

and to the general public. The report deals with the Beetles"; "Quebec and the Arctic Form Injurious to the Destruction of (notices and criticism in the course of

The *Canadian* the able management enlarged to two eminent entomological report, introductory culture). In the pursuing their in of America, Great species of insects

The constitution and in Montreal through the institution; and in the presidency of Mr. astic entomologist. At its monthly of beetles discovered secretary of the

The scheme continues to work. Society, are four all of which are will be readily perceived in tracing insect vorous birds act in answering such Agricultural department numbers of injured in showing what thus indicating the by extinct species structural peculiarities

The Botanical chairman, Professor mutual assistance October. A number the already well discovered by Mr. 60 now named, at Canada only, but

The Ornithologist of general importance birds of Middlesex chairman is Mr. V

The Geological T. Green vice-chairman regular weekly ex