

and numerous interesting fossils have been added to the Society's collections; taken altogether the year's work done by this section has been very satisfactory. The interest of the members has not flagged at any time, but each has seemed anxious to do what he could towards adding to the general stock of information.

The Microscopical section has also been active. It numbers twelve members, and it has in use eleven first-class microscopes. Ten meetings have been held by the members for private study, and two public entertainments for the benefit of the young people of the city have been given. Special attention has been paid by this section to fungi, mildews upon fruit trees, rust in wheat, etc. Mr. John Denton is chairman of the section, and Messrs. Bowman and Dearnsey, microscopical directors.

It is generally conceded that the formation of these sections was a happy procedure that strengthened the Society and increased its usefulness.

At the last annual meeting the Society secured the services of Mr. J. Alston Moffatt one of its members who engaged to take entire charge of the Society's rooms, library and collections, and to be a permanent resident official in London. It is felt that the greatest care will be taken by Mr. Moffatt for the preservation and arrangement of the Society's valuable collections of insects. These have lately been enlarged by the purchase from Mr. Johnson Pettit of Grimsby, of several well filled and well-arranged cabinets of coleoptera, etc., the results of many years' intelligent labor on the part of Mr. Pettit.

Among the tokens of public recognition of the value of its collections, the Society preserves the medals and diplomas awarded it at the Centennial Exhibition, Philadelphia, in 1876, the International Fisheries Exhibition in 1883, and the Colonial and Indian Exhibition in 1886.

The library of the Society now numbers 1,100 volumes. Among them are such costly works as the Challenger Reports, 20 vols.; Smith's Collection of Abbott's Illustrations, 2 vols. 1797; Drury's Exotic Entomology, 3 vols.; Stephen's Entomology, 8 vols.; Kirby's Entomology, 4 vols.; Say's Entomology, 2 vols.; Edwards' Butterflies of North America, 2 vols.; Scudder's Butterflies of New England, 3 vols.; McCook's American Spiders, 2 vols.; Packard's Monograph of Geometrid Moths; Lord Walsingham's Illustrations of Typical North American Tortricidae, 2 vols.; The American Naturalist, 20 vols.; Scudder's Fossil Insects, 2 vols., etc. It is being continually enriched by the printed reports and periodicals from the principal Entomological societies of Great Britain, Australia, Austria, France, Germany, India, Italy, Russia, Switzerland, South America and the United States of America.

The Society's collections, library, electrotypes, etc., are insured for \$3,500.

The Society reports, through its president, the unwelcome re-appearance of the Hessian fly (*Cecidomyia destructor*, Say), and recapitulates the best methods of dealing with this pest.

Another intruder that has been brought under the notice of the Society is the grain Aphis (*Siphonophora avenae*, Fab.), which has appeared in many localities in Ontario.

The Larch saw-fly (*Nematus Erichsonii*, Hartig.), after doing incalculable harm to the tamarack forests of Canada, is now diminishing in numbers. A new importation allied to this (*Nematus pallidiventris*, Fallen) has made its appearance on willows brought from Russia by the late Mr. Charles Gibb.

The Mediterranean Flour Moth (*Ephestia Kuhnii*, Zeller) whose appearance two years ago in a large milling establishment in Ontario, caused so much consternation, and called forth such vigorous action on the part of the Ontario Agricultural Department seems happily to have been stamped out.

In these days of rapid transit and intercourse with foreign countries, the advent of new insect pests may be looked for. According to a wise provision the directors of the Society must be representatives from the different Agricultural sections of Ontario. By this arrangement it is hoped the appearance and operations of injurious insects in any part of Ontario will be speedily made known to the Society, and receive careful attention.

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Mr. James I W. Fyles, of Sou