

Meeting No. 22 was held at Mr. Halkett's house, Mr. Halkett in the chair. The chairman opened the meeting by drawing attention to a neatly mounted collection of conspicuous insects put up on tablets in an original method, which showed the specimens off to great advantage. There were in this collection many specimens which Mr. Halkett had reared from the larva or egg, and concerning which he gave many interesting notes.

Dr. Fletcher showed two cases of insects such as were prepared in the Division of Entomology, for examination by farmers and fruit growers. Each species was represented in all its stages of development together with its work, and parasites. In these cases were such well known pests as the San Jose Scale, the Variegated Cutworm, and other allied species, Tent Caterpillars, Fall Webworm, and White Spotted Tussock Moth. A description was given of the habits of the Black Sand wasp, *Ammophila luctuosa*, and the way in which it hunted for and carried off cutworms and other larvæ. Mr. Geo. Holland and Mr. Norman Criddle, had both studied these insects and Mr. Criddle mentioned that he had seen in Manitoba on one occasion the same or a similar species carrying off a large sphingid caterpillar. Referring to the Tent Caterpillars, Mr. Holland attributed their sudden disappearance to a severe frost in May, which destroyed all the foliage of the trees upon which the recently hatched caterpillars were feeding, and which extended over a vast area in North America. This view was agreed with by most present who recalled the peculiar condensed growth on some trees that year, where the young twigs, of the new growth, had been destroyed by the frost.

Mr. Gibson read a paper which he had promised at the last meeting on the three species of *Halisidota* which are found in the Ottawa district, and gave much information on the habits of the common but handsome caterpillars of these insects.

J. F. for Sec.