

DISCUSSION ON MISCELLANEOUS ENTOMOLOGICAL SUBJECTS.

Mr. Fletcher exhibited a borer found by him injuring maple, the insect being a small moth belonging to *Hepialus*, or some closely allied genus. This insect was new to the members.

Rev. Mr. Bethune stated that he had found, in a large burrow in an oak tree, the empty pupa case of a species of *Cossus*.

Mr. Harrington had also found this insect quite common in the oak, and had frequently seen the empty pupa cases protruding from the bark.

Mr. Fletcher reported that he had found *Cossus centerensis* common about Ottawa on the Balm of Gilead tree, *Populus balsamifera*. The pupa is usually extruded from the bark about 4 o'clock in the afternoon. He had frequently seen them at this time of day working gradually out. The imago generally escapes within an hour after the appearance of the pupa. He also reported finding *Buprestis fasciata* common on poplars, and had found a larva in poplar wood which he thought, from its appearance, might belong to that species.

Mr. Harrington said he had lately found the larva of a very small fly, *Cecidomyia robiniae*, on locust trees about Ottawa. These larvæ turn down the margins of the leaves, and live within the enclosure thus formed.

Mr. Fletcher had found the stems of sunflowers much bored into by some insect, and exhibited a larva which he had taken boring into the stem of a lily, *Lilium Canadense*.

Mr. Reel exhibited a larva which he had taken recently feeding on oak. It evidently was a species of *Smerinthus*, but did not seem to correspond to any hitherto described larva of this genus to which he had been able to refer.

Mr. Saunders made some reference to the manner in which the eggs of the round-headed apple-tree borer, *Saperda candida*, are placed. He had, until lately, held the opinion, in common with other Entomologists, that the eggs are laid on the surface of the bark of apple trees near their base, but he had recently received from a correspondent, Mr. C. G. Atkins, of Manchester, Maine, specimens of the eggs deposited in young apple trees, with pieces of the bark in which they had been placed, from which it was quite evident that the beetle bores into the bark and deposits her eggs in the channel thus formed.

Mr. Fletcher said he had raised a brood of the larvæ of *Smerinthus exæcatus*, and found them to feed readily on *Populus balsamifera*, and also