

The Society has noted with the greatest satisfaction the valuable work done by Mr. Fletcher, the Dominion Entomologist at Ottawa, who, by his entomological publications and his public addresses in various parts of the country, is diffusing knowledge that will be of the utmost importance to the community. The president of the Society has truly said that "the result of his work must in course of time be the saving of hundreds of thousands of dollars to the farmers and fruit-growers of the Dominion." (President's address, 21st annual report, p. 10).

A paper by Mr. H. H. Lyman, of Montreal, on "Pamphila Manitoba, Scudder, and its varieties," was read by the President, in the absence of the writer.

Various matters of interest were then brought up and discussed by the members present. Among them may be mentioned a consideration of the prevalence of the destructive Locust (or Grass-hopper) in some of the North-western States, and the probabilities of a further attack next year. The successful use of "Hopper-doers" was mentioned, and much credit was given to Mr. Lawrence Bruner for his valuable investigations. The occurrence of an imported species of Saw-fly on the European alder was noted; and mention was made of the destruction of Hawthorns (*Crataegus*) by the beetle *Anthonomus quadrigibbus*.

Mr. Fletcher exhibited a specimen of *Vanessa Californica*, taken by Mr. W. H. Danby on Vancouver Island, September 20th, 1890, being the first recorded capture of this butterfly in Canada. He also exhibited (1) a very rare and extraordinary beetle, taken by Prof. John Macoun, in 1887, at Victoria, B.C.; it is a large longicorn, but with its short wing-covers looks more like a rove beetle (*Staphylinid*); its name is *Ulochates leoninus*; (2) a specimen of the mole-cricket (*Gryllotalpa borealis*), which was taken at Leamington, in the County of Essex, by Mr. W. W. Hilborn, and gave an account of its curious and interesting habits; (3) a specimen of the pupa of *Chrysophanus thoe*, which he had raised from the egg; he procured from a pair of the butterflies in captivity twenty-four eggs, of which one hatched and went through all its larval stages to the pupa, feeding on dock (*Rumex*); the remaining eggs will evidently remain dormant till next spring; (4) a specimen of the cut-worm *Agrotis ochrogaster*, Guen., which is so injurious in the North-West, and compared it with *A. turris*, Grote; he stated that all grades of variation between the two forms had been obtained from one brood of the caterpillars, and that it was now accepted that they were all of one species, which should be known by the former name.

Mr. Fyles exhibited specimens of (1) *Colias interior* and *C. philodice*, var. *Laurentina*; (2) *Lycena Couperi*, taken at Brantford, Ontario, regarding the identity of which with the southern form, *L. Lygdamus*, a discussion took place, leading to the conclusion that they were local forms of the same butterfly; (3) a "hair-snake," (*Gordius*), ten inches long, taken from the body of the larva of an *Acronycta*, which was remarkable, as these creatures are usually found infesting grass-hoppers and crickets of the order Orthoptera.

The meeting adjourned at 5.30 p. m.

EVENING SESSION.

In the evening the Society held a public meeting in its rooms at Victoria Hall which was largely attended by members and other friends from London and the neighbourhood, amongst whom the following were noticed:

Mr. James Fletcher (Vice President), and Mr. W. H. Harrington, of Ottawa; Rev. T. W. Fyles, of South Quebec; Captain G. Geddes, of Toronto; Messrs. J. M. Denton, W. E.