

Messrs. Chock, Ehrhorn, Fullaway, Hadden, Illingworth, Mason, Rust, Swezey, Wilder, Willard and Williams. Mr. Noel Krauss, a student at the University of Hawaii, was a visitor.

Minutes of the 273rd meeting were read and approved.

Mr. Q. C. Chock was elected as an active member.

Mr. Swezey reported that the Pan-Pacific Union was promoting the second Pan-Pacific Food Conservation Conference to be held in Honolulu, 1931.

A letter was read by Mr. Swezey from Mr. P. Van der Goot of Buitenzorg, Java, asking for information on Hawaiian insect pests and their parasites to help him in the preparation of a paper for the coming Pacific Science Congress to be held in Java, May, 1929. At the request of the president, the members agreed to send this information for groups in which they were particularly interested.

Mr. Swezey read also, a letter from H. T. Osborn which gave a very interesting account of insect pests attacking sugar cane in Porto Rico.

PAPERS

"Parthenogenesis in a Phasgonurid, *Xiphidiopsis lita* Hebard, in Hawaii."

BY O. H. SWEZEY

"The hosts of *Cremastus hymeniae* Viereck in Hawaii."

BY O. H. SWEZEY

NOTES AND EXHIBITIONS

Scolopendra subspinipes Leach.—Dr. Williams read some correspondence he had with Dr. F. Carl, Museum D'Histoire Naturelle de Geneve, Switzerland, re the identity of a series of *Scolopendra* centipedes he sent to Dr. Carl for determination, since there was a question in the minds of some of the entomologists of Hawaii as to whether there was not more than one species of the genus in our Islands. The shipment included small blue or greenish-headed specimens, large brownish mature ones, and others intermediate in size and somewhat in color. Dr. Carl's answer, of February 13, 1928, was as follows: "The lot of centipedes you sent me contains

one species only, viz.: *Scolopendra subspinipes* Leach and its young. It is a very widely distributed species, a tropical cosmopolite or nearly so. I shall send you back some specimens of the lot. *Millipeds (Diplopodes)* of the Hawaiian Islands, black cylindrical forms, would be very welcome for study."

Rice borers and parasites.—Mr. Hadden exhibited a Schmitt box which contained a collection of rice stem borers and parasites which he collected during his recent trip in the Orient.

Scutigera immaculata (Newport).—Dr. Illingworth reported sending specimens of the common symphylid, which is a serious pest of pineapple roots, to Dr. H. E. Ewing, U. S. National Museum. Ewing (Sept. 18, 1928) has verified Illingworth's determination as above. This is the so-called garden centipede that gives trouble to truck crops in California, particularly asparagus in the Sacramento valley.

Metriocnemus sp. (Chironomidae).—Dr. Illingworth reported that Dr. J. M. Aldrich has identified a tiny green midge which he had bred out from water cultures. The larvae of these flies construct tubes on the walls of the dishes, reaching their heads out to feed and retracting when disturbed. In this way they resemble the much larger *Chironomus hawaiiensis* Grimshaw, the so-called blood worms in water. Dr. Aldrich says, "This genus is principally characterized by having hairs on the surface of the wings. Two specimens have been previously bred from material collected in a lily pond by Mr. Swezey.

Scenopinus lucidus Becker.—Flies collected on ripe pineapples on the Island of Lanai by Dr. Illingworth (8/30/27) have been determined as this species by Dr. Aldrich of the U. S. National Museum. He states (9/18/28) that this species was described from Egypt by Becker in *Mitteil. Zool. Mus. Berlin*, II, 39, 1902. And also adds, "I believe it has not been recognized from other places."

Desmometopa tarsalis Loew.—Specimens of a tiny black fly collected on a window in the laboratory, by Dr. Illingworth, were sent by him to the U. S. National Museum for determination. Dr. Aldrich, writing Sept. 18, 1928, states: "In looking up this species I came to the conclusion that the specimens sent by you some time ago and identified as *m-nigrum*, are the same and I must have erred

Illingworth, 1929