

Psyllidae of Molokai.

BY D. L. CRAWFORD

A small collection of Psyllidae (Chermidae) was submitted by O. H. Swezey as a result of a recent visit to Molokai. As one would expect, because of the proximity of this island to others, there are no outstandingly distinct species, but there appear to be some local differentiations because of the isolation, just as on the other islands.

***Trioza molokaiensis* n. sp.**

This species is very close to *T. ohiacola*, of which it is perhaps a derivative. It also seems to resemble *T. lanaiensis* rather closely. It differs from *T. ohiacola* chiefly in having longer genal cones, about as long as vertex, while the older species has short cones.

The average size is a little larger than *T. ohiacola* and the color of body is somewhat lighter, although there are some individual specimens that are quite as dark as the older species. The wing venation is practically identical with *T. ohiacola*, but the costal margin has a fringe of short setae. The venation is different in minor respects from that of *T. lanaiensis*.

Genitalia of both sexes are essentially like *T. ohiacola*.

Described from many specimens of both sexes collected by O. H. Swezey at Kamiloloa, Molokai, December 20, 1925, on Coprosma (uncertainty as regards record of host plant), at an elevation of 3,200 feet above sea level; one specimen at same locality on Metrosideros. Two specimens by E. H. Bryan, at Kawela, elevation 3,700 feet, December 23, 1925.

***Trioza lanaiensis* Crawford.**

This species appears to be present on Molokai, represented in this collection by several specimens taken by E. H. Bryan, at Kawela, elevation 3,700 feet, on Metrosideros, December 23, 1925.

Kuwayama nigrocapita Crawford.

A single specimen of this Hawaii and Lanai species was taken by E. H. Bryan, at Kawela, Molokai, 3,700 feet, on *Metrosideros*.

Kuwayama gracilis Crawford.

This pretty species is well represented by several specimens essentially like the Oahu specimens available for comparison. This species has been previously reported from Molokai. In this collection two localities are represented: Kamiloloa, December 20, 1925, on *Coprosma* (O. H. Swezey); and Kawela, December 23, 1925, on *Metrosideros* (E. H. Bryan).

Paurocephala sp.

One specimen of this tropical genus was taken by E. H. Bryan at Kamiloloa, December 20, 1925, on pokeweed, but the antennae are lacking and I hesitate to make a new species for this, which probably will be necessary on examination of more specimens. This is the first occurrence of this interesting genus in the Hawaiian Islands.

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