

Notes on Oedemeridae in Hawaii and Palmyra

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(Presented at the meeting of July 7, 1938)

Ananca bicolor (Fairmaire)*Nacerdes bicolor* Fairm., Rev. Zool. (2), I, p. 454, 1849.*Ananca collaris* Sharp, Trans. Dublin Soc., III, (II), p. 169, 1885.*Oxacis collaris*, Perkins, Fauna Hawaiiensis, II, p. 247, 1900.*Ananca bicolor*, Blair, Insects of Samoa, IV, 2, p. 92, 1928.

This was the first oedemerid collected in Hawaii and the only one listed in the Fauna Hawaiiensis. It was collected by Blackburn and described by Sharp in 1885. Perkins, in the Introduction to the Fauna Hawaiiensis, says it "is certainly an importation." It has sometimes been found very abundant, as mentioned by Dr. Perkins, and as noted at various times in the Proceedings of the Hawaiian Entomological Society. It is now known on the five main islands of the Hawaiian group, usually having been collected when coming to lights, and on one occasion segregated in large numbers on coconut leaves, and on another attracted abundantly to the flowers of *Tournefortia argentea*.

We have all along used the name *Oxacis collaris* as given by Perkins in the Fauna Hawaiiensis, but lately I noticed a similarity to *Ananca bicolor* as identified by Blair in the collection of Samoan insects at the Bishop Museum. On carefully comparing them, I can find no difference, hence, consider our species to be the same, and *collaris* must therefore be a synonym. The distribution as given by Blair is: Samoa, Tahiti, Marquesas, Tonga, Ellice Is., and New Hebrides.

Ananca decolor (Fairmaire)*Nacerdes decolor* Fairm., Rev. Zool., (2), I, p. 455, 1849.*Ananca decolor*, Blair, Insects of Samoa, IV, 2, p. 92, 1928.*Ananca decolor*, Blair, Marquesan Insects, II, p. 290, 1935.

A few specimens of a pale brown species have been collected in Hawaii: 1 at Puako, Hawaii, May 12, 1905; 1 on wharf, Honolulu, June 6, 1911; 1 on S. S. Mauna Kea, Hilo, Hawaii, May 24, 1915; 3 at light, Kaunakakai, Molokai, June 6, 1932. The two from Hawaii were identified in 1921 as *Ananca sinensis* (?) by Bryant at the Imperial Bureau of Entomology. Now, comparing these specimens with *decolor* in the Samoan collection at the Bishop Museum, I can find no difference. The three specimens from Kaunakakai, however, may not be the same species, as they have a dark stripe on each elytron. *Ananca decolor* occurs also in Tahiti and Marquesas, and is said by Blair to be "of wide oceanic distribution." In the

Bishop Museum collection are three specimens collected at Palmyra Islands, July, 1913, by Dr. C. M. Cooke, Jr., and five collected by Lorrin A. Thurston, May, 1922.

Ananca kanack (Fairmaire)

Nacerdes kanack Fairm., Rev. Zool., (2), I, p. 454, 1849.

Ananca kanack, Blair, Insects of Samoa, IV, 2, p. 91, 1928.

This large species occurs in Samoa, Tahiti, Fiji, Solomon Islands, New Caledonia, Mysol, etc. In the Bishop Museum collection are 14 specimens collected at Palmyra Islands, July, 1913, by Dr. C. M. Cooke, Jr., and one specimen collected by Lorrin A. Thurston, May, 1922, at the same place.

Records of Immigrant Insects for the Year 1938

BY THE EDITOR

In this issue of the Proceedings, the following new immigrant insects are recorded for Hawaii. Those marked with an asterisk were observed for the first time at the date mentioned in 1938. The others were previously known under a different name, which is herein corrected. For details of records, etc., refer in the text to the pages given.

	PAGE
* <i>Scolytid</i> (Col.)	176
* <i>Metriona bicolor</i> (Fab.) (Col.)	179
* <i>Plagiomerus diaspidis</i> Crawford (Hym.)	180
* <i>Proscopus veitchi</i> Jordan (Col.)	181
✓ <i>Aonidiella inornata</i> McKenzie (Hom.)	184
*Camphor thrips: <i>Cryptothrips floridensis</i> Watson (Thysan.)	186, 194
* <i>Clytus</i> (<i>Clytanthus</i>) <i>pilosus</i> Forst. var. <i>glabromaculatus</i> Goeze (Col.)	188
* <i>Gonatocerus</i> sp. (Hym.)	189
✓ <i>Rhopalosiphum nymphae</i> (Linn.) (Hom.)	198
* <i>Isoneurothrips australis</i> Bagnall (Thysan.)	197
* <i>Zaischnopsis</i> sp. (Hym.)	192