

INSECTS OF GUAM-II

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SOME MISCELLANEOUS DIPTERA OF GUAM

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EXPERIMENT STATION, HAWAIIAN SUGAR PLANTERS' ASSOCIATION, HONOLULU

This list of miscellaneous Diptera includes records of the collections made in Guam by R. L. Usinger and O. H. Swezey in 1936, and by D. T. Fullaway in 1911. Most of these species are readily determinable, because they are also found in Hawaii. Species which do not occur in Hawaii are marked with asterisks.

Work on the Guam Diptera in the hands of J. R. Malloch was not finished in time for this publication.

FAMILY OMPHRALIDAE

1. *Omphrale nigra* (de Geer).

Nemotelus niger de Geer, Mem. Hist. Ins. 6: 188, pl. 11, figs. 5, 6, 1776.

Scenopinus nigra, Meigen, Syst. Beschreib. 4: 116, 1824.

Omphrale nigra, Kertez, Cat. Diptera 5: 174, 1909.

One specimen collected on surface of water in water barrel, Piti, Aug. 20, Swezey; three specimens in Bishop Museum, Fullaway, 1911.

FAMILY SYRPHIDAE

2. *Lathyrophthalmus arvorum* (Fabricius).

Syrphus arvorum Fabricius, Mant. Ins., 335, 1787.

Eristalis punctulatus Grimshaw, Fauna Hawaiianensis 3: 82, 1902.

Eristalis arvorum, Brunetti, Fauna Brit. India, Diptera 3: 181, pl. 4, figs. 6, 7, 1923.

Lathyrophthalmus arvorum, Bryan, Haw. Ent. Soc., Proc. 8: 413, 1934.

One specimen at light, Piti, Oct. 2, Swezey. Four specimens in Bishop Museum, Fullaway.

3. *Ischiodon scutellaris* (Fabricius).

Scaeva scutellaris Fabricius, Systema Antiat., 252, 1805.

Xanthogramma grandicornis (Macquart), Grimshaw, Fauna Hawaiianensis 3: 19, 1901.

Ischiodon scutellaris, Bezzi, Diptera of the Fiji Islands, 72, 1928.

Mt. Alisan, June 27, Swezey; Piti, Aug. 24, Sept. 15, Swezey; common, the larvae feeding on *Aphis maidis* on corn. Three specimens in Bishop Museum, Fullaway.

Swezey 1946 -

Atherigona excisa var. *trilinata*, Malloch, B. P. Bishop Mus., Bull. 98: 201, 1932.

Piti, May 22, ex rotten breadfruit, Swezey; Barrigada, July 22, ex rotten breadfruit, Swezey; Barrigada, Aug. 28, puparium found in tunnel of European corn borer, Swezey; Piti, Oct. 6, ex rotten bean pods, Swezey; three specimens in Bishop Museum, Fullaway.

This small anthomyiid, under several synonyms, is widely distributed in the Pacific area.

12. **Pygophora lobata* (Stein).

Coenosia (Pygophora) lobata Stein, Termes. Füzetek 23: 147, 1900.

One specimen in Bishop Museum, Fullaway. Determined by Malloch as *Pygophora lobata* (Stein).

FAMILY LAUXANIIDAE

13. **Trigonometopus setosus* Knab, Ins. Inscit. Mens. 2: 132, 1914.

Described from three specimens in U. S. National Museum, Fullaway

FAMILY MILICHIIDAE

14. **Milichia orientalis* Malloch, Ins. Inscit. Mens. 1: 109, 1913.

Described from seven specimens in U. S. National Museum, Fullaway.

15. *Milichiella lacteipennis* (Loew).

Lobioptera lacteipennis Loew, Berlin. Ent. Zeitschr. 9: 185, 1865.

Ophthalmomyia lacteipennis, Williston, Ent. Soc. London, Trans., 427, 1896.

Milichiella lacteipennis, Bryan, Haw. Ent. Soc., Proc. 5: 292, 1923 (teste Knab); Bezz, Diptera of Fiji Islands, 162, 1928.

Described from Cuba. Widely distributed in America and the Old World, and occurs in Australia, Fiji, Samoa, and Hawaii. Three specimens in Bishop Museum, Fullaway.

FAMILY MICROPEZIDAE

16. **Calobata galbula* (Osten-Sacken).

Calobata (Taeniptera) galbula Osten-Sacken, Berlin. Ent. Zeitschr. 26: 202, 1882.

Calobata galbula, Bryan, Haw. Ent. Soc., Proc. 8: 33, 1932.

Agana, June 2, Aug. 5, in Governor's office, Swezey; Piti, Oct. 16, ex rotten sugar cane, Swezey; Piti, Nov. 7, Swezey; three specimens in Bishop Museum, Fullaway. Described from the Philippines.

von Roser 1840
PACHYCHAETA Bezz 1885
pec Loew, H. 1845
LANOCHAETA Bezz 1906
capreola (Haliday 1838)
aterrima Strobl 1880
pubescens (Thalhammer 1898)
brevipennis (Meigen 1830) G
uniseta Collin 1939
megaspis (Loew, H. 1858)
scrubiculata (Strobl 1900)

donasthorpei Schmitz 1923
flavitarvis (Meigen 1830)
beckeri Kramer 1920
equitans (Hendel 1919)
lastae Duda 1935
DESMOMETOPA Loew, H. 1865
sordidum (Fallén 1820)
m-atrum (Meigen 1830) 403