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Malloch 1938³

SOME ACALYPTRATE DIPTERA FROM THE MARQUESAS ISLANDS*

By JOHN R. MALLOCH

U. S. BUREAU OF BIOLOGICAL SURVEY

FAMILY MILICHIIDAE

Genus MILICIELLA Giglio-Tos

This genus was inadvertently credited to Meigen by Bezzi.¹

Milichiella lacteipennis Loew.

A very widely distributed species, occurring, as far as I am aware, in the Palearctic region, North and South America, the Malayan region and southward to Australia, including the Hawaiian, Fiji, and Society islands (A. M. Adamson).

Uahuka: Teuaua Island, September 21, 1929, 6 specimens, A. M. Adamson.

Eiao: above Vaituha, altitude 1,100 feet, September 28, 1929, 1 female, A. M. Adamson.

This species is a scavenger in the larval stages, which no doubt accounts for its wide dispersal. The flies are frequently found on flowers and foliage.

Genus HYPASPISTOMYIA Hendel

Hypaspistomyia species.

A smaller species than the next preceding one, very similar to *H. albipennis* Malloch described from Australia,² but the condition of the only specimen, which is considerably matted and discolored, prevents a definite specific determination.

Hatutu [Hatutaa]: center of island, altitude 1,010 feet, September 30, 1929, 1 specimen, Adamson.

No doubt a scavenger like the preceding species. The genotype, *H. latipes* Meigen, has about the same distribution as *Milichiella lacteipennis* and may yet be turned up in the Marquesas.

FAMILY EPHYDRIDAE

The members of this family are mainly aquatic, most of them living in the larval stages in slow-running streams or quiet bodies of water, the adults occurring on the margins of streams, lakes, or on the seashore.

¹ Bezzi, Mario, *Diptera Brachycera and Athericera of the Fiji Islands*, p. 162, 1928.

² Proc. Linn. Soc. New South Wales, vol. 49, pt. 3, p. 346, 1924.

³ Pacific Entomological Survey Publication 7, article 1, Issued February 27, 1933.

zylostei (Robineau-Desvoidy in
Goureaux 1851)
populicola (Haliday in Walker
1853)
tridentata (Loew, H. 1858)
populi (Kaltenbach 1864)

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albiceps Meigen 1830
sphondylii Robineau-Desvoidy in
Goureaux 1851
? flaviventris Zetterstedt 1848
nigripennis Fallén 1823
licis Curtis 1846

equitans (Hendel 1919)
lasiae Duda 1935
DESMOMETOPA Loew, H. 1865
sordidum (Fallén 1820)
m-atrium (Meigen 1830)

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caproia (Haliday 1838)
aterrima Strobl 1880
pubescens (Thalhammer 1898)
brevipennis (Meigen 1830) G
uniseti Collin 1939
megaspis (Loew, H. 1858)
scrobiculata (Strobl 1900)

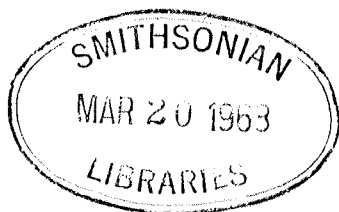
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populicola (Haliday in Walker
1858)
tridentata (Loew, H. 1858)
populi (Kaltenbach 1864)

402

spondylii Robineau-Desvoidy in
Goureaux 1851
pyraustiformis Zettlerstedt 1848
nigripennis Fallén 1893
lucis Curtis 1846

lasiae Duda 1935
DESMOMETOPA Loew, H. 1865
sordidum (Fallén 1890)
medium (Meigen 1890)

403

aterrima Strobl 1880
rufescens (Thalhammer 1898)
brevipennis (Meigen 1830) G
univeta Collin 1899
megaspis (Loew, H. 1858)
serotinioides (Strobl 1900)