

Species of tribes Aedeomyiini, Culisetini and Ficalbiini
(Diptera: Culicidae: Culicinae)
with published illustrations and/or descriptions of female genitalia

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Abstract

Examples are provided for species of the mosquito tribes Aedeomyiini, Culisetini and Ficalbiini with published illustrations and/or descriptions of the female genitalia and include corresponding literature citations.

Key words: Diptera, Culicidae, Culicinae, Aedeomyiini, Culisetini, Ficalbiini, *Aedeomyia*, *Culiseta*, *Ficalbia*, *Mimomyia*, species, female genitalia

Introduction

Current and previously published catalogs of the dipteran family Culicidae do not include a citation category for descriptions and illustrations of the female genitalia of various taxa. This void is partially filled for species in tribes Aedeomyiini, Culisetini and Ficalbiini by the following lists. Each species listed is followed by literature citations in which illustrations and/or descriptions are included.

Numerous characters of the female genitalia have proven to be of value in distinguishing species and generic-level taxa of tribe Aedini (see Reinert, 2002; Reinert *et al.*, 2004, 2006, 2008, 2009). Unfortunately, within Culicidae many descriptions, at all taxonomic levels, have not included characteristics or illustrations of the female genitalia.

The following lists include species of tribes Aedeomyiini, Culisetini and Ficalbiini with female genitalia partially or completely illustrated (denoted by 1) and/or described (denoted by 2) in parentheses following each literature citation. Illustrations of the female abdomen with only the cerci protruding and without other genital characters, or with only the cerci described, are not included in the list. Illustrations/descriptions of species as synonyms are included with currently valid species. Abbreviations of genera and sub-genera follow Reinert (2009).

**Species of Aedeomyiini with illustrations and/or descriptions
of their female genitalia**

Aedeomyia (Aedeomyia) catasticta Knab: Coher, 1949 (1, 2); Tyson, 1970 (1, 2).

Ad. (Ady.) squamipennis (Lynch Arribálzaga): Coher, 1949 (1, 2).

Ad. (Lepiothauma) africana Neveu-Lemaire: Macfie & Ingram, 1922 (1, 2).

**Species of Culisetini with illustrations and/or descriptions
of their female genitalia**

Culiseta (Allotheobaldia) longiareolata (Macquart): Waterston, 1918 (1); Brolemann, 1919 (1, 2);

Edwards, 1941 (1); Ryazantseva, 1985 (2); Maslov, 1989 (1, 2).

Cs. (Culicella) fumipennis (Stephens): Ryazantseva, 1985 (2, as *setivalva* (Monchadskii)).

Cs. (Cuc.) morsitans (Theobald): Brolemann, 1919 (1, 2); Yamaguti & LaCasse, 1951 (1, 2).

Cs. (Climacura) melanura (Coquillett): Yamaguti & LaCasse, 1951 (1, 2).

Cs. (Culiseta) alaskaensis (Ludlow): Yamaguti & LaCasse, 1951 (1, 2); Ryazantseva, 1985 (2).

Cs. (Cus.) annulata (Schrank): Brolemann, 1919 (1, 2); Ryazantseva, 1985 (1, 2).

Cs. (Cus.) bergrothi (Edwards): Hara, 1957 (1, 2, as *kanayamensis* (Yamada)); Ryazantseva, 1985 (2); Maslov, 1989 (1, 2).

Cs. (Cus.) impatiens (Walker): Yamaguti & LaCasse, 1951 (1, 2).

Cs. (Cus.) incidunt (Thomson): Yamaguti & LaCasse, 1951 (1, 2).

Cs. (Cus.) inornata (Williston): Ross, 1947 (1); Yamaguti & LaCasse, 1951 (1, 2); Rees & Onishi, 1951 (1, 2); Owen, 1980 (1, 2); Harbach & Knight, 1980 (1).

Cs. (Cus.) particeps (Adams): Dampf, 1936 (1, as *maccackenae* Dyar & Knab).

Cs. (Theomyia) fraseri (Edwards): Edwards, 1941 (1).

**Species of Ficalbiini with illustrations and/or descriptions
of their female genitalia**

Ficalbia ludlowae Brunetti: Mattingly, 1957 (1, 2); Basio, 1971 (1).

Fi. minima (Theobald): Mattingly, 1957 (1, 2).

Fi. uniformis (Theobald): Grjebine, 1986 (1).

Mimomyia (Etorleptiomyia) luzonensis (Ludlow): Mattingly, 1957 (1, 2).

Mi. (Eto.) mediolineata (Theobald): Grjebine, 1986 (1).

Mi. (Ingramia) collessi Grjebine: Grjebine, 1986 (1).

Mi. (Ing.) fusca (Leicester): Mattingly, 1957 (1, 2).

Mi. (Ing.) roubaudi (Doucet): Grjebine, 1986 (1).

Mi. (Mimomyia) chamberlaini Ludlow: Mattingly, 1957 (1, 2).

Mi. (Mim.) hybrida (Leicester): Mattingly, 1957 (2).

Mi. (Mim.) lacustris (Edwards): Edwards, 1941 (1).

Mi. (Mim.) mimomyiaformis (Newstead): Macfie & Ingram, 1922 (1, 2); Edwards, 1941 (1).

Mi. (Mim.) plumosa (Theobald): Macfie & Ingram, 1922 (1, 2); Grjebine, 1986 (1).

Mi. (Mim.) splendens Theobald: Macfie & Ingram, 1922 (1, 2); Grjebine, 1986 (1).

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