

List of species in tribe Mansoniini with published illustrations and/or descriptions of eggs (Diptera: Culicidae)

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Abstract

Species of the mosquito tribe Mansoniini with published illustrations and/or morphological descriptions of the egg stage are listed with their literature citations.

Key words: Diptera, Culicidae, Mansoniini, *Coquillettidia*, *Mansonia*, *Mansonioides*, *Rhynchoetaenia*, mosquito, eggs

Introduction

A listing of species in the mosquito tribe Mansoniini Belkin, 1962, with published illustrations and/or descriptions of eggs is provided below and includes literature citations. Many of the publications include descriptive information in addition to the illustrations of the egg, however, some descriptions are very brief. Descriptive information on eggs sometimes is included in keys. The identification of species of tribe Mansoniini utilized in the cited literature is reported in the following list. The latest listing of currently valid species and generic-level taxa reported in the Mosquito Taxonomic Inventory (<http://mosquito-taxonomic-inventory.info>, accessed 28 June 2010) was utilized.

The following list denotes illustrations (by 1) and descriptions (by 2) following the literature citation after each species. Listings of species with descriptions and/or illustrations of eggs were published for tribe Aedini and subfamily Anophelinae by Reinert, (2005, 2010, respectively). Abbreviations of genera and subgenera of tribe Mansoniini follow Reinert (2009).

Species of genus *Coquillettidia* Dyar with the egg illustrated and/or described

Coquillettidia (*Coquillettidia*) *aurata* (Dobrotworsky): Dobrotworsky, 1965 (1); Mattingly, 1971b (1, 2).

Cq. (*Coq.*) *aureosquammata* (Ludlow): Wharton, 1962 (2); Mattingly, 1971b (2).

Cq. (*Coq.*) *aurites* (Theobald): Gillett, 1961 (1, 2); Mattingly, 1971b (1, 2).

- Cq. (Coq.) crassipes* (van der Wulp): Wharton, 1962 (2); Mattingly, 1971b (2).
Cq. (Coq.) fraseri (Theobald): Gillett, 1961 (1, 2); Mattingly, 1971b (1).
Cq. (Coq.) fuscopennata (Theobald): Mattingly, 1971b (1).
Cq. (Coq.) hodgkini (Wharton): Wharton, 1962 (2); Mattingly, 1971b (2).
Cq. (Coq.) linealis (Skuse): Dobrotworsky, 1965 (1); Mattingly, 1971b (1, 2).
Cq. (Coq.) maculipennis (Theobald): Gillett, 1961 (1, 2); Mattingly, 1971b (1).
Cq. (Coq.) metallica (Theobald): Wanson, 1944 (1); Gillett, 1961 (1, 2); Mattingly, 1971b (1, 2).
Cq. (Coq.) nigrosignata (Edwards): Wharton, 1962 (2); Mattingly, 1971b (2).
Cq. (Coq.) ochracea (Theobald): Kano & Hayashi, 1949 (1, 2); Wharton, 1962 (2); Mattingly, 1971b (2).
Cq. (Coq.) perturbans (Walker): Dyar & Currie, 1904 (1, 2); Mitchell, 1907 (1); Howard *et al.*, 1913 (1); Haggmann, 1952 (1); Newkirk, 1955 (2); Ross & Horsfall, 1965 (1, 2); Knight & Wonio, 1969 (1); Mattingly, 1971b (1, 2).
Cq. (Coq.) richiardii (Ficalbi): Colas-Belcour, 1943 (1, 2); Mattingly, 1971b (1, 2).
- Coquillettidia (Rhynchotaenia) arribalzaga* (Theobald): Goeldi, 1905 (1, 2); Theobald, 1907 (1); Mattingly, 1971b (1).
Cq. (Rhy.) fasciolata (Lynch Arribálzaga): Goeldi, 1905 (1, 2); Theobald, 1907 (1).
Cq. (Rhy.) juxtamansonia (Chagas): Davis, 1933, (1, 2, as *Mansonia justamansonia* (Chagas)); Mattingly, 1971b (1, 2).
Cq. (Rhy.) nigricans (Coquillett): Mattingly, 1971b (1, 2).
Cq. (Rhy.) venezuelensis (Theobald): Goeldi, 1905 (1, 2, as *fasciolata* (Lynch Arribálzaga); provisionally attributed by Mattingly (1971b, 1, 2) to *venezuelensis*, see his discussion on this species).

Species of genus *Mansonia* Blanchard with the egg illustrated and/or described

- Mansonia (Mansonia) amazonensis* (Theobald): Ferreira & Nunes de Mello, 1999 (1).
Ma. (Man.) dyari Belkin, Heinemann & Page: Linley, 1989 (1, 2); Linley *et al.*, 1998 (1).
Ma. (Man.) humeralis Dyar & Knab: Dyar & Knab, 1916 (1, 2); Ronderos & Bachman [*sic*], 1964 (2).
Ma. (Man.) indubitans Dyar & Shannon: Boreham, 1970 (2).
Ma. (Man.) leberi Boreham: Boreham, 1970 (1, 2).
Ma. (Man.) pseudotitillans (Theobald): Ronderos & Bachman [*sic*], 1963 (1, 2).
Ma. (Man.) titillans (Walker): Goeldi, 1905 (1, 2); Theobald, 1907 (1); Dyar & Knab, 1916 (1, 2); Ronderos & Bachman [*sic*], 1963 (1, 2); Lincoln, 1965 (1); Boreham, 1970 (2); Mattingly, 1972a (1, 2); Linley *et al.*, 1986 (1, 2), 1998 (1); Linley, 1989 (1, 2); Reinert *et al.*, 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Mansonia (Mansonioides) africana* (Theobald): Lincoln, 1965 (1, 2); Mattingly, 1972b (1, 2).
Ma. (Mnd.) annulata Leicester: Wharton, 1962 (2); Mattingly, 1972b (2); Iwaki *et al.*, 1991 (2), 1994 (2).
Ma. (Mnd.) annulifera (Theobald): Banks, 1908 (1, 2); Rodenwaldt, 1930 (2); Iyengar, 1935 (1, 2); Wharton, 1962 (2); Mattingly, 1971a (1, 2), 1972b (1, 2); Iwaki *et al.*, 1991 (2), 1994 (2).
Ma. (Mnd.) bonneae Edwards: Wharton, 1962 (2); Iwaki *et al.*, 1991 (1, 2), 1994 (2).

- Ma. (Mnd.) dives* (Schiner): Wharton, 1962 (2); Mattingly, 1972b (2); Iwaki *et al.*, 1994 (1, 2).
Ma. (Mnd.) indiana Edwards: Rodenwaldt, 1930 (2); Wharton, 1962 (2); Mattingly, 1972b (1, 2); Iwaki *et al.*, 1991 (2), 1994 (2).
Ma. (Mnd.) uniformis (Theobald): Carter, 1950 (1); Wharton, 1962 (2); Mattingly, 1972b (1, 2); Hinton, 1981 (1); Iwaki *et al.*, 1991 (2), 1994 (2).

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