

## **List of aedine species with published illustrations and/or descriptions of female genitalia (Diptera: Culicidae: Aedini)**

John F. Reinert

Center for Medical, Agricultural and Veterinary Entomology (CMAVE), United States Department of Agriculture, Agricultural Research Service, 1600/1700 SW 23rd Drive, Gainesville, Florida 32608-1067, and collaborator Walter Reed Biosystematics Unit (WRBU), National Museum of Natural History, Smithsonian Institution, Washington, DC. (e-mail: John.Reinert@ars.usda.gov)

### **Abstract**

Species of the mosquito tribe Aedini with illustrations and/or descriptions of the female genitalia are listed and include corresponding literature citations. Approximately 45% of aedine species currently have published partial or complete illustrations and/or descriptions of the female genitalia.

**Key words:** Diptera, Culicidae, Aedini, 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 included taxa. This void is filled for species in tribe Aedini by the following list. Each species listed is followed by literature citations in which illustrations and/or descriptions are included. Currently approximately 45% of aedine species are partially or completely illustrated and/or described in the published literature. Representatives of most of the generic-level taxa in Aedini were described and illustrated in a series of papers by Reinert (2000f-i, 2001a-d, 2002b-e, 2008a-l, 2009a-d, 2010a-h). Reinert (2010i) included a list of aedine generic-level descriptions of female genitalia. Reinert (2000e) provided detailed techniques for the preparation of slide-mounted female genitalia and a glossary of anatomical terms of these structures. Reinert (2002e) included a key to aedine genera recognized at that time.

Numerous characters of the female genitalia have proven to be of value in distinguishing species and generic-level taxa of tribe Aedini (see Reinert 2002e, 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. These structures are best known in Culicidae for species of tribe Aedini, as exemplified by genera *Heizmannia* Ludlow, *Stegomyia* Theobald and *Verrallina* Theobald.

The following list includes those aedine species with female genitalia partially or completely illustrated (denoted by 1) and/or described (denoted by 2) in parentheses following each literature citation. A question mark (?) following the number 1 or 2 indicates the identification of the species was uncertain. A few species of uncertain generic placement (see Reinert *et al.* 2009)

have the genera and subgenera enclosed within single quotation marks, e.g. ‘*Oc.* (*Finlaya*)’, indicating usage of their previous generic-level names. 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. The new classification of valid generic-level taxa in tribe Aedini proposed by Reinert *et al.* (2009) is utilized. Abbreviations of genera follow Reinert (2009f).

### Aedine species with illustrations and/or descriptions of their female genitalia

*Abraedes papago* (Zavortink): Zavortink 1970 (2), 1972 (2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).

*Acartomyia mariae* (Sargent & Sargent): Mohrig 1967 (1, 2).

*Ac. zammitii* (Theobald): Reinert *et al.* 2008 (2), 2009 (2).

*Aedes cinereus* Meigen: Brolemann 1920 (1); Martini 1930 (1); Gjullin 1937 (1, 2); Marshall 1938 (1, 2); Edwards 1941 (1, 2); Ross 1947 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Kramar 1958 (1); Jones & Wheeler 1965 (1, 2); Snodgrass 1959 (1, 2); Clements 1963 (1, 2); Mohrig 1967 (1, 2), 1969 (1, 2); Christophers 1968 (1, 2); Sicart & Larrouy 1968 (1, 2); Jones 1968 (1); Ryazantseva 1970 (1, 2); Rossignol & McIver 1977 (1, 2); Skierska 1977 (1); Jobling 1987 (1); Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).

*Ae. esoensis* Yamada: Marshall 1938 (1, 2); LaCasse & Yamaguti 1950 (1); Hara 1957a (1, 2), 1958 (2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).

*Ae. rossicus* Dolbeskin, Gorickaja & Mitrofanova: Hara 1958 (1, 2).

*Ae. yamadai* Sasa, Kano & Takahashi: Hara 1957a (1, 2), 1958 (2).

*Aedimorphus alboscutellatus* (Theobald): Hara 1957a (1, 2); Belkin 1962 (2); Mohrig 1967 (1, 2); Reinert 1973b (1, 2); Tanaka *et al.* 1979 (2); Reinert *et al.* 2004 (2), 2009 (2).

*Am. bambiotai* (Geoffroy): Geoffroy 1987 (1, 2).

*Am. caecus* (Theobald): Reinert 1973b (1, 2), 2000i (1, 2); Reinert *et al.* 2009 (2).

*Am. culicinus* (Edwards): Reinert 1973b (1, 2), 2000i (1); Reinert *et al.* 2009 (2).

*Am. cumminsii* (Theobald): Reinert *et al.* 2009 (2).

*Am. dalzieli* (Theobald): Reinert *et al.* 2009 (2).

*Am. dentatus* (Theobald): Reinert *et al.* 2009 (2).

*Am. domesticus* (Theobald): Macfie & Ingram 1922 (2); Reinert 2000c (1), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).

*Am. eritreae* (Lewis): Reinert *et al.* 2009 (2).

*Am. gibbinsi* (Edwards): Reinert *et al.* 2009 (2).

*Am. gouldi* (Reinert): Reinert 1972a (1, 2).

*Am. lowisii* (Theobald): Reinert 1973b (1, 2).

*Am. mediolineatus* (Theobald): Reinert 1973b (1, 2), 2000i (1); Reinert *et al.* 2004 (2), 2009 (2).

*Am. nigrostriatus* Barraud: Reinert 1973b (1, 2).

*Am. ochraceus* (Theobald): Reinert *et al.* 2009 (2).

*Am. orbitae* (Edwards): Reinert 1973b (1, 2); Reinert *et al.* 2009 (2).

*Am. pallidostriatus* (Theobald): Reinert 1973b (1, 2), 2000i (1); Reinert *et al.* 2009 (2).

*Am. pampangensis* (Ludlow): Reinert 1973b (1, 2); Reinert *et al.* 2009 (2).

*Am. pipersalatus* (Giles): Reinert 1973b (1, 2), Reinert *et al.* 2009 (2).

*Am. punctifemoris* (Ludlow): Reinert 1973b (1, 2), 2000i (1); Reinert *et al.* 2009 (2).

*Am. quasiunivittatus* (Theobald): Reinert *et al.* 2009 (2).

- Am. stenoetrus* (Theobald): Reinert 1973b (1).
- Am. taeniorhynchoides* (Christophers): Reinert 1973b (1), 2000i (1); Reinert *et al.* 2009 (2).
- Am. trimaculatus* (Theobald): Reinert *et al.* 2009 (2).
- Am. vexans vexans* (Meigen): Barraud 1928a (1); Gjullin 1937 (1, 2); Ross 1947 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Belkin 1962 (2); Mohrig 1965 (1, 2), 1967 (1, 2), 1969 (1, 2); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1970 (1, 2); Reinert 1973b (1, 2), 2000i (1); Skierska 1977 (1); Reinert *et al.* 2004 (2), 2009 (2).
- Am. vexans nipponii* (Theobald): LaCasse & Yamaguti 1950 (1); Hara 1957a (1, 2), 1957b (1); Reinert 1973b (1, 2); Tanaka *et al.* 1979 (2).
- Alanstonea brevitibia* (Edwards): Reinert 2000i (1); Reinert *et al.* 2004 (2), 2009 (2).
- Albuginosus marshallii* (Theobald): Reinert 1986 (1), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Al. ngong* (van Someren): Reinert *et al.* 2004 (2), 2009 (2).
- Armigeres breinli* (Taylor): Belkin 1962 (2); Steffan 1968 (2); Reinert *et al.* 2004 (2), 2009 (2).
- Ar. denbesteni* Brug: Steffan 1968 (2).
- Ar. digitatus* (Edwards): Coher 1948 (1, 2).
- Ar. flavus* (Leicester): Mohrig 1967 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ar. lacuum* Edwards: Steffan 1968 (2).
- Ar. longipalpis* (Leicester): Reinert 2002c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ar. malayi* (Theobald): Steffan 1968 (2).
- Ar. milnensis* Lee: Steffan 1968 (2).
- Ar. obturbans* (Walker): Coher 1948 (1, 2).
- Ar. papuensis* Peters: Steffan 1968 (2).
- Ar. pendulus* (Edwards): Mohrig 1967 (1, 2).
- Ar. subalbatus* (Coquillett): LaCasse & Yamaguti 1950 (1); Hara 1957a (1, 2); Reinert 2002c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ayurakitia griffithi* Thurman: Reinert 1972b (1, 2), 2000b (1, 2), 2001a (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ay. peytoni* (Reinert): Reinert 1972b (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Aztecaedes ramirezi* (Vargas & Downs): Zavortink 1972 (1, 2); Reinert 2000c (1), 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Belkinius aurotaeniatus* (Edwards): Huang 1970 (2); Reinert 1982 (1, 2), 2000i (1); Reinert *et al.* 2004 (2), 2009 (2).
- Bifidistylus lamborni* (Edwards): Edwards 1941 (2); Reinert *et al.* 2009 (2); Reinert 2010g (1, 2).
- Bf. boneti kumbae* (Chwatt): Reinert 2010g (1).
- Borichinda cavernicola* Rattanarithikul & Harbach: Harbach *et al.* 2007 (1, 2); Reinert *et al.* 2009 (2).
- Bothaella alongi* (Galliard & Ngu): Reinert *et al.* 2006b (2).
- Bo. eldridgei* (Reinert): Reinert 1973c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Bo. helenae* (Reinert): Reinert 1973c (1, 2), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Bo. kleini* (Reinert): Reinert 1973c (1, 2).
- Bruceharrisonius alektorovi* (Stackelberg): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Br. greenii* (Theobald): Reinert 2002d (1), 2003a (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Cancraedes cancricomes* (Edwards): Mattingly 1958b (1, 2); Reinert 2000i (1, 2); Reinert *et al.* 2009 (2).
- Ca. curtipes* (Edwards): Mattingly 1958a (1, 2).

- Ca. indonesiae* (Mattingly): Mattingly 1958a (1, 2).
- Ca. kohkutensis* (Mattingly): Mattingly 1958a (1, 2).
- Ca. mamoedjoensis* (Mattingly): Mattingly 1958a (1, 2).
- Ca. masculinus* (Mattingly): Mattingly 1958a (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ca. palawanicus* (Mattingly): Mattingly 1958a (1, 2).
- Ca. penghuensis* (Lien): Lien 1968a (1, 2); Lu 1997 (1); Reinert *et al.* 2009 (2).
- Ca. thurmanae* (Mattingly): Mattingly 1958a (1, 2).
- Catageiomyia argenteopunctata* (Theobald): Reinert 2000i (1), 2010d (1); Reinert *et al.* 2009 (2).
- Cg. irritans* (Theobald): Macfie & Ingram 1922 (1, 2); Reinert *et al.* 2009 (2); Reinert 2010d (1, 2).
- Cg. punctothoracis* (Theobald): Macfie & Ingram 1922 (2).
- Cg. tarsalis* (Newstead): Reinert *et al.* 2009 (2).
- Catatassomyia meronephada* Dyar & Shannon: Huang 1978b (1, 2); Reinert *et al.* 2009 (2).
- Christophersiomyia gombakensis* (Mattingly): Mattingly 1959 (1); Reinert *et al.* 2004 (2), 2009 (2).
- Cr. thomsoni* (Theobald): Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Collessius banksi* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Co. elsiae* (Barraud): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Co. hatorii* (Yamada): LaCasse & Yamaguti 1950 (1); Hara 1957a (1, 2); Reinert *et al.* 2006 (2).
- Co. macfarlanei* (Edwards): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2); Reinert 2008l (1, 2).
- Co. pseudotaeniatus* (Giles): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Cornetius cozi* (Cornet): Huang 2005 (1, 2); Reinert *et al.* 2009 (2).
- Dahliana echinus* (Edwards): Mohrig 1967 (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Da. geniculata* (Olivier): Brolemann 1919 (1, 2); Edwards 1921 (1); Marshall 1938 (1, 2); Mohrig 1967 (1, 2), 1969 (1, 2); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1970 (1, 2); Skierska 1977 (1); Reinert 2002d (1), 2008c (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Danielsia albotaeniata* Leicester: Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2008e (1, 2), 2009a (2).
- Dn. harperi* (Knight): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Dendroskusea micropterus* (Giles): Reinert *et al.* 2009 (2).
- Ds. periskelata* (Giles): Reinert *et al.* 2009 (2).
- Ds. ramachandrai* (Reuben): Reuben 1967 (1, 2); Reinert 2000i (1).
- Ds. reginae* (Edwards): Reinert *et al.* 2009 (2).
- Diceromyia cordellieri* (Huang): Huang 1986 (2).
- Di. furcifer* (Edwards): Edwards 1941 (2); Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Di. taylori* (Edwards): Reinert *et al.* 2004 (2), 2009 (2).
- Dobrotworskyius alboannulatus* (Macquart): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Db. rubrithorax* (Macquart): Klein & Marks 1960 (1, 2); Reinert *et al.* 2006 (2).
- Db. tubbutiensis* (Dobrotworsky): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2008k (1, 2).
- Downsiomyia albolateralis* (Theobald): Lu & Li 1982 (1).
- Do. albonivea* (Barraud): Reinert 2002d (1).
- Do. leonis* (Colless): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Do. nipponica* (LaCasse & Yamaguti): LaCasse & Yamaguti 1950 (1, 2); Hara 1957a (1?, 2?); Tanaka *et al.* 1979 (2).

- Do. nippononivea* (Sasa & Nakahashi): Hara 1957a (1?, 2?).
- Do nishikawai* (Tanaka, Mizusawa & Saugstad): Tanaka *et al.* 1979 (2).
- Do. nivea* (Ludlow): Reinert 2002 (1), 2008h (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2); Reinert & Harbach 2006 (2).
- Edwardsaedes bekkui* (Mogi): Mogi 1977 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ed. imprimens* (Walker): Hara 1957a (1, 2), 1957b (1); Tanaka *et al.* 1959 (1, 2), 1979 (1); Mattingly 1961 (1); Belkin 1962 (2); Reinert 1976a (1, 2), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ed. pingpaensis* (Chang): Chang 1965 (1).
- Elpeytonius apicoannulatus* (Edwards): Macfie & Ingram 1922 (2); Reinert *et al.* 2009 (2); Reinert 2010e (1, 2).
- El. simulans* (Newstead & Carter): Reinert *et al.* 2009 (2); Reinert 2010e (1).
- Eretmapodites chrysogaster* Graham: Reinert 2001d (1, 2); Reinert *et al.* 2009 (2).
- Er. quinquevittatus* Theobald: Edwards 1941 (1); Mohrig 1967 (1, 2); Reinert 2001d (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Er. semisimplicipeas* Edwards: Edwards 1941 (1).
- Finlaya kochi* (Dönnitz): Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2); Reinert & Harbach 2005 (2).
- Fl. poicilia* Theobald: Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Fredwardsius vittatus* (Bigot): Macfie & Ingram 1922 (1, 2); Edwards 1941 (2); Huang 1977b (1, 2); Reinert 2000a (2), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Georgecraigius atropalpus* (Coquillett): Ross 1947 (1); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Zavortink 1972 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2); Reinert 2008a (1, 2).
- Gc. epactius* (Dyar & Knab): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Gc. fluviatilis* (Lutz): Zavortink 1972 (1); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2008a (2).
- Geoskusea baisasi* (Knight & Hull): Mattingly 1959 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ge. fimbripes* (Edwards): Reinert 2002d (1, 2).
- Ge. kabaenensis* (Brug): Mattingly 1959 (1).
- Ge. longiforceps* (Edwards): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ge. timorensis* (Miyagi, Toma & Lien): Miyagi *et al.* 2004 (1, 2).
- Gilesius pulchriventer* (Giles): Christophers 1923 (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2009e (1, 2).
- Gymnometopa mediovittata* (Coquillett): Mohrig 1967 (1, 2); Zavortink 1972 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Haemagogus albomaculatus* Theobald: Mohrig 1967 (1, 2).
- Hg. capricornii* Lutz: Cerqueira 1943 (1); Coher 1948 (2); Lane 1953 (1).
- Hg. equinus* Theobald: Mohrig 1967 (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Hg. iridicolor* Dyar: Mohrig 1967 (1, 2).
- Hg. janthinomys* Dyar: Arnell 1973 (1).
- Hg. leucocelaenus* (Dyar & Shannon): Reinert 2002b (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Hg. leucotaeniatus* (Komp): Zavortink 1972 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Hg. lucifer* (Howard, Dyar & Knab): Mohrig 1967 (1, 2).

- Hg. panarchys* Dyar: Arnell 1973 (1).
- Hg. regalis* Dyar & Knab: Mohrig 1967 (1, 2).
- Hg. spegazzinii* Brethés: Cerqueira 1943 (1); Coher 1948 (2); Lane 1953 (1).
- Hg. splendens* Williston: Arnell 1973 (1); Reinert 2002b (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Halaedes australis* (Erichson): Belkin 1962 (2), 1968 (1, 2); Dobrotworsky 1965 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Heizmannia achaetae* (Leicester): Mattingly 1957 (1, 2), 1970 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Hz. aureochaeta* (Leicester): Mattingly 1970 (1, 2).
- Hz. carteri* Amerasinghe: Amerasinghe 1993 (1, 2).
- Hz. catesi* (Lien): Lien 1968b (2); Mattingly 1970 (1, 2); Reinert 2002a (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Hz. chengi* Lien: Mattingly 1970 (1, 2).
- Hz. communis* (Leicester): Mattingly 1970 (1, 2).
- Hz. complex* (Theobald): Mattingly 1970 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Hz. covelli* Barraud: Mattingly 1970 (1, 2).
- Hz. demeilloni* Mattingly: Mattingly 1970 (1, 2).
- Hz. discrepans* (Edwards): Reinert 1973a (1, 2).
- Hz. funerea* (Leicester): Mattingly 1970 (1, 2).
- Hz. greenii* (Theobald): Amerasinghe 1989 (1, 2).
- Hz. indica* (Theobald): Mattingly 1957 (1, 2), 1970 (1, 2).
- Hz. macdonaldi* Mattingly: Mattingly 1970 (1, 2).
- Hz. mattinglyi* Thurman: Mattingly 1970 (1, 2).
- Hz. occidentayunnana* (Gong & Lu): Gong & Lu 1991 (1).
- Hz. persimilis* Mattingly: Mattingly 1970 (1, 2).
- Hz. proxima* Mattingly: Lu & Gong 1986 (1).
- Hz. reidi* Mattingly: Mattingly 1957 (2), 1970 (1, 2); Lien 1968b (2).
- Hz. ruiliensis* Dong, Zhou & Wang: Dong, Zhou, Wang & Wang 1997 (1).
- Hz. scintillans* Ludlow: Mattingly 1970 (1, 2); Reinert 2002a (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Hz. taiwanensis* Lien: Mattingly 1970 (1, 2).
- Hz. thelmae* Mattingly: Mattingly 1970 (1, 2); Reinert 2003b (2).
- Hz. tripunctata* (Theobald): Reinert 1973a (2).
- Himalaius gilli* (Barraud): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Hopkinsius albocinctus* (Barraud): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Hk. embuensis* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Hk. ingrami* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2009b (1, 2).
- Hk. seoulensis* (Yamada): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2009b (2).
- Howardina albonotata* (Coquillett): Gerry 1932 (1, 2).
- Hw. arborealis* (Bonne-Wepster & Bonne): Reinert 2002d (1).
- Hw. fulvithorax* (Lutz): Reinert 2002d (1, 2); Reinert *et al.* 2004 (2).
- Hw. inaequalis* Grabham: Reinert 2002d (1).
- Hw. sexlineata* (Theobald): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Hw. walkeri* (Theobald): Berlin 1969 (1); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Huaedes wauensis* Huang: Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).

- Hulecoeteomyia chrysolineata* (Theobald): Reinert 2002d (1), 2008d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Hl. japonicus japonicus* (Theobald): Hara 1957a (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2006 (2).
- Hl. jugarensis* Leicester: Reinert *et al.* 2006 (2).
- Hl. koreicus* (Edwards): LaCasse & Yamaguti 1950 (1).
- Hl. pallirostris* (Edwards): Tewari & Hiriyan 1996 (1, 2).
- Hl. reinerti* (Rattanarithikul & Harrison): Rattanarithikul & Harrison 1988 (1, 2).
- Hl. sherki* (Knight): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Indusius pulverulentus* (Edwards): Reinert 1976a (1, 2), 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Isoaedes cavaticus* (Reinert): Reinert 1979 (1, 2), 2000i (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Jarnellius deserticola* (Zavortink): Reinert *et al.* 2006 (2).
- Ja. sierrensis* (Ludlow): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Ja. varipalpus* (Coquillett): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Laffoon & Knight 1971 (1); Arnell & Nielsen 1972 (1); Harbach & Knight 1980 (1); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2010b (1, 2).
- Jihlienius chungi* (Lien): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2009d (1, 2).
- Kenknightia dissimilis* (Leicester): Reinert 1990 (1, 2), 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ke. gaffigani* (Reinert): Reinert 1990 (1, 2).
- Ke. harbachi* (Reinert): Reinert 1990 (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ke. karwari* (Barraud): Reinert 1990 (1, 2).
- Ke. lerozeboomi* (Reinert): Reinert 1990 (1, 2).
- Ke. leucomeres* (Giles): Reinert 1990 (1, 2).
- Ke. litwakae* (Reinert): Reinert 1990 (1, 2).
- Ke. luzonensis* (Rozeboom): Reinert 1990 (1, 2), 2002d (1, 2).
- Ke. paradissimilis* (Rozeboom): Reinert 1990 (1, 2).
- Ke. pecori* (Reinert): Reinert 1990 (1, 2).
- Ke. wilkersoni* (Reinert): Reinert 1990 (1, 2).
- Komppia purpureipes* (Aitken): Zavortink 1972 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Leptosomatomyia aurimargo* (Edwards): Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Levua geoskusea* (Amos): Belkin 1962 (2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Lewnielsenius muelleri* (Dyar): Zavortink 1972 (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2); Reinert 2010c (1, 2).
- Lorrainea amesii* (Ludlow): Mattingly 1959 (2); Reinert *et al.* 2004 (2), 2009 (2).
- Lo. dasyorrhous* (King & Hoogstraal): Belkin 1962 (2); Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Lo. fumida* (Edwards): Mattingly 1959 (1).
- Luius fengi* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2009c (1, 2).
- Macleaya calabyi* (Marks): Marks 1963a (1, 2).
- Mc. elchoensis* (Taylor): Marks 1963a (1, 2).
- Mc. spinosipes* Edwards: Reinert 2002d (1, 2).
- Mc. tremula* Theobald: Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).

- Mc. tulliae* (Taylor): Marks 1963a (1, 2).
- Mc. wattensis* (Taylor): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Molpemyia auridorsum* (Edwards): Reinert 1993 (1, 2).
- Mo. pecuniosa* (Edwards): Reinert 1988 (1, 2), 1993 (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Mo. purpurea* Theobald: Reinert 1988 (1, 2), 1993 (1, 2), 2002d (1, 2).
- Mucidus alternans* (Westwood): Mohrig 1967 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Mu. aurantius aurantius* (Theobald): Mattingly 1961 (1); Tyson 1970a (1, 2); Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Mu. ferinus* (Knight): Tyson 1970a (1, 2).
- Mu. grahamii* Theobald: Mohrig 1967 (1, 2).
- Mu. laniger* (Wiedemann): Mattingly 1961 (1); Tyson 1970a (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Mu. mucidus* (Karsch): Edwards 1941 (1); Mohrig 1967 (1, 2).
- Mu. quadripunctis* (Ludlow): Tyson 1970a (1); Reinert *et al.* 2008 (2), 2009 (2).
- Mu. quasiferinus* (Mattingly): Tyson 1970a (1, 2).
- Mu. scatophagoides* Theobald: Macfie & Ingram 1922 (1, 2); Tyson 1970a (1, 2), 1970b (1, 2); Lu 1997 (1).
- Mu. sudanensis* Theobald: Tyson 1970b (1, 2).
- Mu. tonkingi* (Gebert): Tyson 1970b (1, 2).
- Neomelaniconion aurovenatum* (Worth): Cornel 1991 (1).
- Ne. lineatopenne* (Ludlow): Macfie & Ingram 1922 (1, 2); Mattingly 1961 (1, 2); Lu 1997 (1); Reinert 2000i (1); Reinert *et al.* 2004 (2), 2009 (2).
- Ne. luteolaterale* (Theobald): Mohrig 1967 (1, 2).
- Ne. mcintoshii* (Huang): Huang 1985 (2).
- Ne. palpale* Newstead: Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ochlerotatus aculeatus* (Theobald): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. aboriginis* (Dyar): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2).
- Oc. albifasciatus* (Macquart): Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. aloponotum* (Dyar): Gjullin 1937 (1, 2).
- Oc. andersoni* (Edwards): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. atlanticus* (Dyar & Knab): Reinert *et al.* 2004 (2), 2008 (2).
- Oc. augustivittatus* (Dyar & Knab): Mohrig 1967 (1, 2).
- Oc. aurifer* (Coquillett): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. bancroftianus* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Oc. behningi* (Martini): Mohrig 1967 (1, 2); Ryazantseva 1972 (1, 2).
- Oc. bicristatus* (Thurman & Winkler): Yamaguti & LaCasse 1951b (1, 2).
- Oc. bimaculatus* (Coquillett): Yamaguti & LaCasse 1951b (1, 2).
- Oc. bogotanus* (Arnell): Arnell 1976 (1).
- Oc. caballus* (Theobald): Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. calcariae* (Marks): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. calumnior* (Belkin, Heinemann & Page): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. campestris* (Dyar & Knab): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. camptorhynchus* (Thomson): Yamaguti & LaCasse 1951b (1, 2); Reinert 2002d (1).
- Oc. canadensis canadensis* (Theobald): Ross 1947 (1); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).

- Oc. cantans* (Meigen): Brolemann 1919 (1, 2); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1970 (1, 2), 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. cantator* (Coquillett): Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. caspius* (Pallas): Ryazantseva 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. cataphylla* (Dyar): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1969 (1); Ryazantseva 1972 (1, 2).
- Oc. communis* (de Geer): Brolemann 1919 (1, 2); Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Brust & Horsfall 1965 (1); Ryazantseva 1972 (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. condolezens* (Dyar & Knab): Mohrig 1967 (1, 2).
- Oc. crinifer* (Theobald): Mohrig 1967 (1, 2); Arnell 1976 (1).
- Oc. cyprius* (Ludlow): Ryazantseva 1972 (1, 2).
- Oc. diantaeus* (Howard, Dyar & Knab): Mohrig 1969 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. dorsalis* (Meigen): Waterston 1918 (1); Gjullin 1937 (1, 2); LaCasse & Yamaguti 1950 (1); Yamaguti & LaCasse 1951b (1, 2); Hara 1957a (1, 2); Ryazantseva 1972 (1, 2); Reinert 2002d (1); Reinert *et al.* 2004 (2), 2008 (2), 2009 (2).
- Oc. dupreei* (Coquillett): Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2).
- Oc. edgari* (Stone & Rosen): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. excrucians* (Walker): LaCasse & Yamaguti 1950 (1); Yamaguti & LaCasse 1951b (1, 2); Hara 1957a (1, 2); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. explorator* (Marks): Marks 1964 (1, 2).
- Oc. fitchii* (Felt & Young): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. flavescens* (Müller): Gjullin 1937 (1, 2); Ross 1947 (1); Yamaguti & LaCasse 1951b (1, 2); Ryazantseva 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. flavifrons* (Skuse): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. fulvus fulvus* (Wiedemann): Mohrig 1967 (1, 2); Reinert *et al.* 2009 (2).
- Oc. fulvus pallens* (Ross): Ross 1947 (1); Yamaguti & LaCasse 1951b (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2008 (2), 2009 (2).
- Oc. grossbecki* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2); Laffoon & Knight 1971 (1); Harbach & Knight 1980 (1); Clements 1999 (1); Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. hexodontus* (Dyar): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. impiger* (Walker): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. incomptus* (Arnell): Arnell 1976 (1).
- Oc. increpitus* (Dyar): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2).
- Oc. infirmatus* (Dyar & Knab): Coher 1948 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Arnell 1976 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. intrudens* (Dyar): Yamaguti & LaCasse 1951b (1, 2); Mohrig 1969 (1, 2); Ryazantseva, 1972 (1, 2); Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. lepidonotus* (Edwards): Edwards 1921 (1); Mohrig 1967 (1, 2).
- Oc. leucomelas* (Meigen): Ryazantseva 1972 (1, 2).
- Oc. linesi* (Marks): Marks 1964 (2).
- Oc. mcdonaldi* (Belkin): Belkin 1962 (2); Reinert *et al.* 2008 (2), 2009 (2).

- Oc. mitchellae* (Dyar): Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. multiplex* (Theobald): Reinert 2002d (1, 2).
- Oc. nigripes* (Zetterstedt): Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2).
- Oc. nigromaculis* (Ludlow): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2).
- Oc. niphadopsis* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2).
- Oc. nivalis* (Edwards): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. nubilis* (Theobald): Mohrig 1967 (1, 2).
- Oc. obturbator* (Dyar & Knab): Mohrig 1967 (1, 2); Arnell 1976 (1).
- Oc. pertinax* (Graham): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. phaecasiatus* (Marks): Marks 1964 (2).
- Oc. pionips* (Dyar): Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. postspiraculosus* (Dobrotworsky): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. provocans* (Walker): Mohrig 1967 (1, 2).
- Oc. pulcritarsis pulcritarsis* (Rondani): Sicart & Larrouy 1968 (1, 2); Ryazantseva 1972 (1, 2).
- Oc. pulcritarsis asiaticus* (Edwards): Danilov 1982 (1, 2).
- Oc. pullatus* (Coquillett): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. punctor* (Kirby): Edwards 1932 (1); Yamaguti & LaCasse 1951b (1, 2); Hara 1957a (1, 2), 1957b (1); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. ratcliffei* (Marks): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. refiki* (Medschid): Mohrig 1969 (1, 2); Reinert 2000d (2), 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. rhyacophilus* (da Costa Lima): Sallum *et al.* 1988 (1, 2).
- Oc. riparius* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2); Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. rusticus* (Rossi): Brolemann 1919 (1, 2); Séguay 1924 (1); Sicart & Larrouy 1968 (1, 2); Mohrig 1969 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. scapularis* (Rondani): Coher 1948 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Arnell 1976 (1); Reinert 2000c (1), 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Oc. serratus* (Theobald): Reinert 2002d (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. sollicitans* (Walker): Gerry 1932 (1, 2); Ross 1947 (1); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2).
- Oc. spencerii idahoensis* (Theobald): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Saether 1977 (1).
- Oc. spencerii spencerii* (Theobald): Reinert 2002d (1); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. spilotus* (Marks): Marks 1963b (2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. squamiger* (Coquillett): Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. sticticus* (Meigen): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Hara 1957a (1, 2); Sicart & Larrouy 1968 (1, 2); Ryazantseva 1972 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. stimulans* (Walker): Yamaguti & LaCasse 1951b (1, 2); Ronquillo & Horsfall 1969 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. taeniorhynchus* (Wiedemann): Gerry 1932 (1, 2); Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).

- Oc. thelcter* (Dyar): Yamaguti & LaCasse 1951b (1, 2).
- Oc. theobaldi* (Taylor): Reinert *et al.* 2008 (2), 2009 (2).
- Oc. thibaulti* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. tormentor* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2).
- Oc. tortilis* (Theobald): Gerry 1932 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Arnell 1976 (1).
- Oc. trivittatus* (Coquillett): Yamaguti & LaCasse 1951b (1, 2); Arnell 1976 (1); Reinert *et al.* 2008 (2).
- Oc. ventrovittis* (Dyar): Gjullin 1937 (1, 2); Yamaguti & LaCasse 1951b (1, 2).
- Oc. vigilax vigilax* (Skuse): Mattingly 1961 (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2008 (2), 2009 (2).
- Oc. vigilax ludlowae* (R. Blanchard): Laffoon & Knight 1971 (1); Harbach & Knight 1980 (1).
- ‘*Oc. (Finlaya)*’ *biocellatus* (Taylor): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Fin.)*’ *candidoscutellum* (Marks): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Fin.)*’ *crossi* (Lien): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Fin.)*’ *keefei* (King & Hoogstraal): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Fin.)*’ *koreikoides* (Sasa, Kano & Takahashi): Hara 1957a (1, 2).
- ‘*Oc. (Fin.)*’ *oreophilus* Edwards: Hara 1957a (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Protomacleaya)*’ *berlini* (Schick): Reinert *et al.* 2006 (2).
- ‘*Oc. (Pro.)*’ *brelandi* (Zavortink): Zavortink 1972 (1); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *burgeri* (Zavortink): Zavortink 1972 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *galindoi* (Schick): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *hendersoni* (Cockerall): Reinert *et al.* 2006 (2).
- ‘*Oc. (Pro.)*’ *homoeopus* (Dyar): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *knabi* (Coquillett): Reinert 2002d (1); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *kompi* (Vargas & Downs): Reinert 2002d (1); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *terrens* (Walker): Schick 1970 (1); Reinert 2002d (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *triseriatus* (Say): Ross 1947 (1, 2); Yamaguti & LaCasse 1951b (1, 2); Mohrig 1967 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- ‘*Oc. (Pro.)*’ *zavortinki* (Schick): Reinert *et al.* 2006 (2).
- ‘*Oc. (Pro.)*’ *zoosophus* (Dyar & Knab): Yamaguti & LaCasse 1951b (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Opifex chathamicus* (Dumbleton): Dumbleton 1962 (1, 2); Belkin 1968 (1, 2); Reinert 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Op. fuscus* Hutton: Belkin 1962 (2), 1968 (1, 2); Reinert 2001b (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Paraedes barraudi* Edwards: Tewari & Hiriyam 1994 (1, 2); Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Pr. bonneae* (Mattingly): Mattingly 1958a (1, 2); Reinert 1981 (1, 2).
- Pr. chrysoscuta* (Theobald): Reinert 1981 (1, 2).
- Pr. collessi* (Mattingly): Mattingly 1958a (1); Reinert 1981 (1, 2).
- Pr. menoni* (Mattingly): Mattingly 1958b (1, 2); Reinert 1981 (1, 2).

- Pr. ostentatio* (Leicester): Mattingly 1958a (2); Reinert 1981 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Pr. pagei* (Ludlow): Mattingly 1958a (1, 2); Reinert 1981 (1, 2).
- Pr. thailandensis* (Reinert): Reinert 1976b (1, 2), 1981 (1, 2).
- Patmarksia argenteitarsis* (Brug): Reinert *et al.* 2006 (2).
- Pm. argyronotum* (Belkin): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Pm. papuensis* (Taylor): Reinert 2002d (1), 2008g (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Pm. subalbitarsis* (King & Hoogstraal): Reinert *et al.* 2006 (2).
- Petermattinglyius franciscoi* (Mattingly): Mattingly 1959 (1, 2); Reinert *et al.* 2009 (2).
- Pe. iyengari* (Edwards): Mattingly 1959 (1, 2); Reinert *et al.* 2009 (2); Reinert 2010h (1, 2).
- Pe. scanloni* (Reinert): Reinert *et al.* 2009 (2).
- Pe. whartoni* (Mattingly): Reinert *et al.* 2009 (2); Reinert 2010h (1, 2).
- Phagomyia assamensis* (Theobald): Reinert *et al.* 2006 (2).
- Ph. gubernatoris* (Giles): Reinert 2002d (1), 2008b (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Ph. lophoventralis* (Theobald): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Ph. prominens* (Barraud): Reinert *et al.* 2006 (2).
- Polyleptomyia albocephala* (Theobald): Macfie & Ingram 1922 (2); Reinert 2000i (1), 2010f (1, 2); Reinert *et al.* 2009 (2).
- Po. gandarai* (da Cunha Ramos, Capela & Ribeiro): da Cunha Ramos *et al.* 1994 (1, 2).
- Pseudarmigeres argenteoventralis dunni* (Evans): Reinert *et al.* 2004 (2), 2009 (2).
- Pa. michaelikati* (van Someren): Reinert *et al.* 2004 (2), 2009 (2).
- Psorophora albigena* (Peryassú): Guedes & de Souza 1964 (1); Guedes *et al.* 1965 (1).
- Ps. albipes* (Theobald): Guedes & de Souza 1964 (1); Guedes *et al.* 1965 (1).
- Ps. champerico* (Dyar & Knab): Guedes *et al.* 1965 (1).
- Ps. ciliata* (Fabricius): Ross 1947 (1); Yamaguti & LaCasse 1951a (1, 2); Guedes *et al.* 1965 (1); Reinert 2000f (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ps. cilipes* (Fabricius): Guedes *et al.* 1965 (1).
- Ps. cingulata* (Fabricius): Guedes *et al.* 1965 (1).
- Ps. circumflava* Cerqueira: Guedes *et al.* 1965 (1).
- Ps. columbiae* (Dyar & Knab): Gerry 1932 (1, 2); Yamaguti & LaCasse 1951a (1, 2); Reinert *et al.* 2004 (2), 2008 (2), 2009 (2).
- Ps. confinnis* (Lynch Arribálzaga): Guedes *et al.* 1965 (1).
- Ps. cyanescens* (Coquillett): Yamaguti & LaCasse 1951a (1, 2); Guedes *et al.* 1965 (1); Reinert *et al.* 2008 (2), 2009 (2).
- Ps. dimidiala* Cerqueira: Guedes *et al.* 1965 (1).
- Ps. discolour* (Coquillett): Yamaguti & LaCasse 1951a (1, 2).
- Ps. discrucians* (Walker): Guedes *et al.* 1965 (1); Forattini 1996 (1); Reinert 2000f (1, 2).
- Ps. ferox* (von Humboldt): Goeldi 1905 (1); Gerry 1932 (1, 2); Yamaguti & LaCasse 1951a (1, 2); Guedes *et al.* 1965 (1); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ps. fiebrigi* Edwards: Souza & Guedes 1962 (1); Guedes *et al.* 1965 (1).
- Ps. forceps* Cerqueira: Guedes *et al.* 1965 (1).
- Ps. holmbergii* Lynch Arribálzaga: Guedes *et al.* 1965 (1).
- Ps. horrida* (Dyar & Knab): Yamaguti & LaCasse 1951a (1).
- Ps. howardii* Coquillett: Yamaguti & LaCasse 1951a (1, 2); Mohrig 1967 (1, 2); Reinert *et al.* 2004 (2), 2008 (2), 2009 (2).

- Ps. jamaicensis* Theobald: Reinert 2000f (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Ps. lanei* Shannon & Cerqueira: Guedes *et al.* 1965 (1).
- Ps. lineata* (von Humboldt): Guedes *et al.* 1965 (1).
- Ps. lutzii* (Theobald): Guedes *et al.* 1965 (1).
- Ps. pallescens* Edwards: Guedes *et al.* 1965 (1).
- Ps. paulli* Paterson & Shannon: Guedes *et al.* 1965 (1).
- Ps. pygmaea* (Theobald): Yamaguti & LaCasse 1951a (1, 2).
- Ps. signipennis* (Coquillett): Yamaguti & LaCasse 1951a (1, 2).
- Ps. varinervis* Edwards: Guedes *et al.* 1965 (1).
- Ps. varipes* (Coquillett): Yamaguti & LaCasse 1951a (1, 2).
- Rampamyia albilabris* (Edwards): Reinert *et al.* 2006 (2), 2008 (2), 2009 (2).
- Ra. notoscripta* (Skuse): Mohrig 1967 (1, 2); Reinert *et al.* 2006 (2), 2008 (2), 2009 (2); Reinert 2008f (1, 2).
- Rhinoskusea longirostris* (Leicester): Mattingly 1958a (1, 2); Reinert 1976c (1, 2), 2002d (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Rh. portonovoensis* (Tewari & Hiriyan): Tewari & Hiriyan 1991 (1, 2).
- Rh. pillaii* (Mattingly): Mattingly 1958a (1); Reinert 1976c (1, 2).
- Rh. wardi* (Reinert): Reinert 1976c (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Sallumia hortator* (Dyar & Knab): Reinert *et al.* 2008 (2), 2009 (2); Reinert 2010a (1, 2).
- Scutomyia albolineata* Theobald: Huang 1979 (1); Reinert 2000i (1, 2); Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Sc. arboricola* (Knight & Rozeboom): Reinert *et al.* 2004 (2), 2006 (2), 2008 (2), 2009 (2).
- Sc. hoogstraali* (Knight & Rozeboom): Huang 1978a (1, 2).
- Sc. imparabilis* (Walker): Huang 1978a (1, 2).
- Sc. laffooni* (Knight & Rozeboom): Huang 1978c (1, 2).
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- St. apicoargentea* Theobald: Macfie & Ingram 1922 (2); Reinert *et al.* 2009 (2).
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- St. chemulpoensis* (Yamada): Reinert 2000i (1); Reinert *et al.* 2009 (2).
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- St. desmotes* Giles: Huang 1977a (1, 2); Reinert 2000i (1); Reinert *et al.* 2004 (2), 2009 (2).
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- St. flavopicta* (Yamada): LaCasse & Yamaguti 1950 (1); Hara 1957a (1, 2).
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- St. galloisi* (Yamada): Hara 1957a (1, 2).
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- St. riversi* (Bohart & Ingram): Reinert *et al.* 2009 (2).
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- Ve. atria* (Barraud): Barraud 1928b (1, 2), 1934 (1, 2); Delfinado 1967 (1, 2); Reinert 1974 (1).
- Ve. atriisimilis* (Tanaka & Mizusawa): Tanaka & Mizusawa 1973 (1, 2); Tanaka *et al.* 1979 (1, 2).
- Ve. azureosquamata* (Bonne-Wepster): Bonne-Wepster 1948 (1); Reinert 1974 (1).
- Ve. butleri* (Theobald): Barraud 1928b (1, 2), 1934 (1, 2); Laffoon 1946 (1, 2); Wijesundara 1951 (2); Iyengar & Menon 1956 (1); Reinert 1974 (1, 2), 1984 (1, 2), 1999b (1, 2), 2001c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ve. campylostylus* (Laffoon): Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. carmenti* (Edwards): Reinert 1974 (1, 2), 1999b (1, 2), 2001c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ve. cauta* (Barraud): Barraud 1928b (1, 2), 1934 (1, 2); Reinert 1974 (1).
- Ve. clavata* (Barraud): Delfinado 1967 (1, 2); Reinert 1974 (1).
- Ve. comata* (Barraud): Barraud 1931 (1, 2), 1934 (1, 2); Reinert 1974 (1).
- Ve. comosa* (Reinert): Reinert 1974 (1, 2).
- Ve. cretata* (Delfinado): Delfinado 1967 (1, 2); Reinert 1974 (1).
- Ve. cuccioi* (Belkin): Reinert 1974 (1).
- Ve. cyrtolabis* (Edwards): Klein 1973 (1, 2); Reinert 1974 (1).
- Ve. dux* (Dyar & Shannon): Barraud 1928b (1, 2), 1934 (1, 2); Bohart 1945 (1); Laffoon 1946 (1, 2); Iyengar & Menon 1956 (1); Chu 1957 (1); Delfinado 1967 (1, 2), 1968 (1); Reinert 1974 (1).

- Ve. foliformis* (King & Hoogstraal): Reinert 1974 (1).
- Ve. fragilis* Leicester: Delfinado 1968 (1, 2); Klein 1973 (1, 2); Reinert 1974 (1).
- Ve. funerea* (Theobald): Reinert 1974 (1).
- Ve. gibbosa* (Delfinado): Delfinado 1967 (1, 2); Reinert 1974 (1, 2).
- Ve. hamistylus* (Laffoon): Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. harrisonica* (Reinert): Reinert 1974 (1, 2).
- Ve. hispida* (Delfinado): Delfinado 1967, (1, 2).
- Ve. incerta* (Edwards): Delfinado 1967 (1, 2); Klein 1973 (1, 2); Reinert 1974 (1, 2).
- Ve. indecorabilis* Leicester: Delfinado 1967 (1, 2); Reinert 1974 (1).
- Ve. indica* (Theobald): Barraud 1928b (1, 2), 1934 (1, 2); Reinert 1974 (1, 2), 1984 (1, 2), 1999b (1, 2), 2001c (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ve. iriomotensis* (Tanaka & Mizusawa): Tanaka & Mizusawa 1973 (1, 2); Tanaka *et al.* 1979 (1, 2).
- Ve. johnsoni* (Laffoon): Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. johorensis* (Reinert): Reinert 1974 (1, 2).
- Ve. killertonis* (Huang): Reinert 1974 (1).
- Ve. lankaensis* (Stone & Knight): Wijesundara 1951 (1, 2); Reinert 1974 (1, 2), 1984 (1, 2).
- Ve. latipennis* (Delfinado): Delfinado 1967 (1, 2); Reinert 1974 (1, 2).
- Ve. leicesteri* (Edwards): Delfinado 1968 (1, 2); Reinert 1974 (1, 2).
- Ve. lineata* (Taylor): Reinert 1974 (1).
- Ve. lugubris* (Barraud): Barraud 1928b (1, 2), 1934 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1), 1984 (1, 2).
- Ve. macrodixoa* (Dyar & Shannon): Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. margarsen* (Dyar & Shannon): Bohart 1945 (1); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. mccormiki* (Belkin): Reinert 1974 (1).
- Ve. milnensis* (King & Hoogstraal): Reinert 1974 (1).
- Ve. multifolium* (King & Hoogstraal): Reinert 1974 (1).
- Ve. neomacrodixoa* (King & Hoogstraal): Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. nigrotarsis* (Ludlow): Bohart 1945 (1); Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. nobukonis* (Yamada): Hara 1957a (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1); Tanaka *et al.* 1979 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ve. notabilis* (Delfinado): Bohart 1956 (1); Delfinado 1967 (1, 2); Reinert 1974 (1, 2).
- Ve. pahangi* (Delfinado): Delfinado 1968 (1, 2); Reinert 1974 (1, 2).
- Ve. panayensis* (Ludlow): Bohart 1945 (1); Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. phnoma* (Klein): Delfinado 1967 (1, 2), 1968 (1, 2).
- Ve. petroelephantus* (Wijesundara): Wijesundara 1951 (1, 2); Reinert 1974 (1, 2), 1984 (1, 2).
- Ve. philippinensis* (Delfinado): Delfinado 1968 (1, 2).
- Ve. pipkini* (Bohart): Bohart 1957 (1, 2); Reinert 1974 (1).
- Ve. prioekanensis* (Brug): Delfinado 1968 (1, 2); Reinert 1974 (1).
- Ve. protuberans* (Delfinado): Delfinado 1967 (1, 2).
- Ve. pseudomediofasciata* (Theobald): Barraud 1928b (1, 2), 1934 (1, 2); Wijesundara 1951 (2); Reinert 1974 (1), 1984 (1, 2); Reinert *et al.* 2004 (2), 2009 (2).
- Ve. quadrispinata* (King & Hoogstraal): Reinert 1974 (1).
- Ve. rara* (Delfinado): Klein 1973 (1, 2); Reinert 1974 (1).
- Ve. robertsi* (Laffoon): Laffoon 1946 (1, 2); Delfinado 1968 (1, 2); Reinert 1974 (1).

*Ve. sabahensis* (Reinert): Delfinado 1967 (1, 2); Reinert 1974 (1, 2).  
*Ve. seculata* (Menon): Wijesundara 1951 (1, 2).  
*Ve. sentania* (King & Hoogstraal): Reinert 1974 (1).  
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*Ve. srilankensis* (Reinert): Reinert 1984 (1, 2).  
*Ve. stunga* (Klein): Klein 1973 (1, 2); Reinert 1974 (1).  
*Ve. trispinata* (King & Hoogstraal): Reinert 1974 (1).  
*Ve. uncus* (Theobald): Barraud 1928b (1, 2), 1934 (1, 2); Bohart 1945 (1); Laffoon 1946 (1, 2); Delfinado 1967 (1, 2); Reinert 1974 (1).  
*Ve. uniformis* (Theobald): Barraud 1928b (1, 2), 1934 (1, 2); Reinert 1974 (1), 1984 (1, 2).  
*Ve. vallistris* (Barraud): Barraud 1928b (1, 2), 1934 (1, 2); Delfinado 1967 (1, 2); Reinert 1974 (1).  
*Ve. variabilis* (Huang): Reinert 1974 (1).  
*Ve. varietas* (Leicester): Delfinado 1968 (1, 2); Reinert 1974 (1).  
*Ve. virilis* Leicester: Reinert 1974 (1, 2).  
*Ve. yerburyi* (Edwards): Wijesundara 1951 (1, 2); Reinert 1974 (1), 1984 (1, 2).  
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*Za. monetus* (Edwards): Reinert 1999a (1, 2).  
*Za. mzooi* (van Someren): Reinert 1999a (1, 2).  
*Za. philipi* (van Someren): Reinert 1999a (1, 2).  
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