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Nomenclatural Studies Toward a World List of Diptera Genus-Group Names. Part IV: Charles Henry Tyler Townsend

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Abstract

The Diptera genus-group names of Charles Henry Tyler Townsend are reviewed and annotated. A total of 1506 available genus-group names in 12 families of Diptera are listed alphabetically for each name, giving author, year and page of original publication, originally included species, type species and method of fixation, current status of the name, family placement, and a list of any emendations of it that have been found in the literature. Remarks are given to clarify nomenclatural and/or taxonomic information. In addition, an index to all the species-group names of Diptera proposed by Townsend (1595, of which 1574 are available names) is given with bibliographic reference (year and page) to each original citation. An appendix with a full bibliography of almost 650 papers written by Townsend is presented with accurate dates of publication.

Two new replacement names are proposed for preoccupied genus-group names and both are named to honor our good friend and colleague, James E. O'Hara, for his decades of work on tachinids: *Oharamyia* Evenhuis, Pont & Whitmore, **n. name**, for *Lindigia* Townsend, 1931 [Tachinidae] (preoccupied by Karsten, 1858); *Jimimyia* Evenhuis, Pont & Whitmore, **n. name**, for *Siphonopsis* Townsend, 1916 [Tachinidae] (preoccupied by Agassiz, 1846).

Earlier dates of availability are found for the following: *Eucnephalia* Townsend, 1892 [Tachinidae]; *Gabanimyia* Townsend, 1914 [Tachinidae]; *Incamyia* Townsend, 1912 [Tachinidae]; *Muscopteryx* Townsend, 1892 [Tachinidae]; *Philippolophosia* Townsend, 1927 [Tachinidae]; *Pseudokea* Townsend, 1927 [Tachinidae].

Corrected or clarified included species and/or corrected or clarified type-species and methods of typification are given for: *Alitophasia* Townsend, 1934 [Tachinidae]; *Almugmyia* Townsend, 1911 [Tachinidae]; *Arachnidomyia* Townsend, 1934 [Sarcophagidae]; *Austenina* Townsend, 1921 [Glossinidae]; *Austrohartigia* Townsend, 1937 [Sarcophagidae]; *Awatia* Townsend, 1921 [Muscidae]; *Azygobothria* Townsend, 1911 [Tachinidae]; *Brachymasicera* Townsend, 1911 [Tachinidae]; *Calocarcelia* Townsend, 1927 [Tachinidae]; *Cnephalodes* Townsend, 1911 [Tachinidae]; *Cyacyrtoneura* Townsend, 1931 [Muscidae]; *Cyrtoneuropsis* Townsend, 1931 [Muscidae]; *Cyrtosoma* Brauer & Bergenstamm, 1893 [Tachinidae]; *Epiphyllophila* Townsend, 1927 [Tachinidae]; *Eucalodexia* Townsend, 1892 [Tachinidae]; *Eumesebrina* Townsend, 1908 [Muscidae]; *Eumyobia* Townsend, 1911 [Tachinidae]; *Eusisyropa* Townsend, 1908 [Tachinidae]; *Gabanimyia* Townsend, 1914 [Tachinidae]; *Galactomyia* Townsend, 1908 [Tachinidae]; *Girschneria* Townsend, 1919 [Tachinidae]; *Gymnochaetopsis* Townsend, 1914 [Tachinidae]; *Himantostomopsis*

Townsend, 1921 [Tachinidae]; *Incamiya* Townsend, 1912 [Tachinidae]; *Lithoexorista* Townsend, 1921 [Tachinidae]; *Muscopteryx* Townsend, 1892 [Tachinidae]; *Myocuphocera* Townsend, 1931 [Tachinidae]; *Myxexoristops* Townsend, 1911 [Tachinidae]; *Neojurinia* Townsend, 1914 [Tachinidae]; *Newsteadina* Townsend, 1921 [Glossinidae]; *Ommasicerca* Townsend, 1911 [Tachinidae]; *Ophirion* Townsend, 1911 [Tachinidae]; *Ophiriodexia* Townsend, 1911 [Tachinidae]; *Ophiriosturmia* Townsend, 1911 [Tachinidae]; *Opsozelia* Townsend, 1919 [Tachinidae]; *Paleotachina* Townsend, 1921 [Tachinidae]; *Palexorista* Townsend, 1921 [Tachinidae]; *Phasiatacta* Townsend, 1911 [Tachinidae]; *Philippolophosia* Townsend, 1927 [Tachinidae]; *Phrissopolia* Townsend, 1908 [Tachinidae]; *Pseudokea* Townsend, 1927 [Tachinidae]; *Pygocalcager* Townsend, 1935 [Tachinidae]; *Trichobius* Townsend, 1891 [Hippoboscidae]; *Villeneuveia* Townsend, 1921 [Tachinidae]; *Zonoepalpus* Townsend, 1927 [Tachinidae]; *Zygosturmia* Townsend, 1911 [Tachinidae].

The following names previously treated as available are shown to be unavailable.—Genera: *Denatella* Townsend, 1931, **n. stat.** [Calliphoridae]; *Epseudocyptera* Townsend, 1927, **n. stat.** [Tachinidae]; *Eustomatodexia* Townsend, 1892, **n. stat.** [Tachinidae].—Species: *Epseudocyptera epalpata* Townsend, 1927, **n. stat.** [Tachinidae]; *Eustomatodexia insulensis* Townsend, 1892, **n. stat.** [Tachinidae].

The following genus-group names, not listed in previous regional catalogs, are treated here: *Arabisca* Townsend, 1935 [Sarcophagidae]; *Eupeleteria* Townsend, 1908 [Tachinidae]; *Macropatelloa* Townsend, 1931 [Tachinidae]; *Neohypostena* Townsend, 1915 [Tachinidae]; *Neometapodia* Townsend, 1892 [Sarcophagidae]; *Tricyclopsis* Townsend, 1916 [Calliphoridae]; *Trongia* Townsend, 1916 [Calliphoridae].

Previous First Reviser actions for multiple original spellings that were overlooked by other workers are given for the following: Genus-group names—*Microchaetona* Townsend, 1919 [Tachinidae]; *Neopodomyia* Townsend, 1927 [Tachinidae]; *Opsophytopsis* Townsend, 1918 [Sarcophagidae]; *Prohypotachina* Townsend, 1933 [Tachinidae]; *Rhinomyodes* Townsend, 1933 [Tachinidae]; *Servilliodes* Townsend, 1926 [Tachinidae]; *Tephromyiella* Townsend, 1918 [Sarcophagidae]; *Thelairochaetona* Townsend, 1919 [Tachinidae]; *Xanthopteromyia* Townsend, 1926 [Tachinidae]. Species-group names—*Brachybelvosia brasiliensis* Townsend, 1927 [Tachinidae]; *Neocraspedothrix nova* Townsend, 1927 [Tachinidae].

The following nominal genera enter into new synonymies: *Bathytheresia* Townsend, 1915 under *Billaea* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Brachycoma* Brauer & Bergenstamm, 1889 under *Brachicoma* Rondani, 1856, **n. syn.** [Sarcophagidae]; *Chaetolyga* Brauer, 1880 under *Carcelia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Chaetoprosopa* Marschall, 1873 under *Choeteprosopa* Macquart, 1851, **n. syn.** [Tachinidae]; *Chlororhynchomyia* Senior-White, Aubertin & Smart, 1940 under *Metallea* Wulp, 1880, **n. syn.** [Rhiniidae]; *Chrysomyia* Macquart, 1835 under *Chrysomya* Robineau-Desvoidy, 1830, **n. syn.** [Calliphoridae]; *Echinomyia* Fischer von Waldheim, 1808 under *Echinomya* Latreille, 1805, **n. syn.** [Tachinidae]; *Euhypochaetopsis* Townsend, 1928 under *Campylocheta* Rondani, 1859, **n. syn.** [Tachinidae]; *Graphomyia* Macquart, 1834 under *Graphomya* Robineau-Desvoidy, 1830, **n. syn.** [Muscidae]; *Kurintjimya* Townsend, 1926 under *Tachina* Meigen, 1803, **n. syn.** [Tachinidae]; *Labidigaster* Macquart, 1844 under *Labigastera* Macquart, 1834, **n. syn.** [Tachinidae]; *Mellanactia* Guimarães, 1971 under *Oxynops* Townsend, 1912, **n. syn.** [Tachinidae]; *Ochromia* Townsend, 1935 under *Bengalia* Robineau-Desvoidy, 1830, **n. syn.** [Tachinidae]; *Pachyrrhina* Osten Sacken, 1881 under *Nephrotoma* Meigen, 1803, **n. syn.** [Tipulidae]; *Procraspedothrix* Townsend, 1932 under *Phytomyptera* Rondani, 1844, **n. syn.** [Tachinidae]; *Pseudogymnosoma* Townsend, 1918 under *Neomyia* Walker, 1859, **n. syn.** [Muscidae]; *Pseudoservillia* Townsend, 1916 under *Tachina* Meigen, 1803, **n. syn.** [Tachinidae]; *Rhymosia* Mik, 1886 under *Rymosia* Winnertz, 1863, **n. syn.** [Mycetophilidae]; *Rhynchomyia* Macquart, 1835 under *Rhynchomya* Robineau-Desvoidy, 1830, **n. syn.** [Rhiniidae]; *Servillioides* Townsend, 1926 under *Tachina* Meigen, 1803, **n. syn.** [Tachinidae]; *Servilliopsis* Townsend, 1916 under *Tachina* Meigen, 1803, **n. syn.** [Tachinidae]; *Stephanostoma* Cole, 1923 under *Bercaea* Robineau-Desvoidy, 1863, **n. syn.** [Sarcophagidae]; *Stomatorhinia* Townsend, 1935 under *Stomorhina* Rondani, 1861, **n. syn.** [Rhiniidae]; *Toxorhina* Osten Sacken, 1869 under *Toxorhina* Loew, 1850, **n. syn.** [Limoniidae]; *Trichoneura* Townsend, 1935 under *Stevenia* Robineau-Desvoidy, 1830, **n. syn.** [Rhinophoridae]; *Trichopticus* Schnabl, 1889 under *Thricops* Rondani, 1856, **n. syn.** [Muscidae]; *Tricyclopsis* Townsend, 1916 under *Paracalliphora* Townsend, 1916, **n. syn.** [Calliphoridae].

Key words: nomenclature, biography, bibliography, genera