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Nomenclatural Studies Toward a World List of Diptera Genus-Group Names. Part I: André-Jean-Baptiste Robineau-Desvoidy

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Abstract

This is the first in a series of rigorous nomenclatural studies of selected Diptera workers, undertaken as part of the Bio-systematic Database of World Diptera (BDWD). A total of 566 genus-group names of Diptera proposed by A.-J.-B. Robineau-Desvoidy are listed, each with all originally included nominal species, method of typification, current taxonomic status, and emendations. A detailed biography of Robineau-Desvoidy is given with discussion of his works and his relationships with contemporaries. In addition, an index to all the species-group names of Diptera proposed by Robineau-Desvoidy (3,204) is given with bibliographic reference to each original citation. Appended to this study are a full bibliography of Robineau-Desvoidy's works, a list of collectors on which Robineau-Desvoidy based his Diptera studies, a list of collecting localities mentioned in his Diptera works, and a reproduction of the little-known but valuable 1826 Blainville *Rapport* of Robineau-Desvoidy's 1830 *Essai sur les Myodaires*.

Type species are designated for the following genus-group names: *Dasyphora* Robineau-Desvoidy, 1830 [Muscidae]; *Dyctia* Robineau-Desvoidy, 1830 [Sciomyzidae]; *Fimetia* Robineau-Desvoidy, 1830 [Sphaeroceridae]; and *Haematobia* Robineau-Desvoidy, 1830 [Muscidae].

Acting as First Reviser of multiple original spellings, the following are selected as correct original spellings for genus-group names: *Arisbaea* Robineau-Desvoidy, 1863 [Tachinidae]; *Carbonia* Robineau-Desvoidy, 1863 [Tachinidae]; *Elbaea* Robineau-Desvoidy, 1863 [Tachinidae]; *Eversmania* Robineau-Desvoidy, 1863 [Tachinidae]; *Faedoria* Robineau-Desvoidy, 1863 [Tachinidae]; *Fairmairia* Robineau-Desvoidy, 1853 [Conopidae]; *Gymnodia* Robineau-Desvoidy, 1863 [Muscidae]; *Lylibaea* Robineau-Desvoidy, 1863 [Tachinidae]; *Phaenicia* Robineau-Desvoidy, 1863 [Calliphoridae]; *Solieria* Robineau-Desvoidy, 1849 [Tachinidae]; and *Stephensia* Robineau-Desvoidy, 1863 [Tachinidae]; and for species-group names: *Cyzenis haemisphaerica* Robineau-Desvoidy, 1863 [Tachinidae].

Earlier or corrected type-species designations are given for the following genus-group names: *Elpigia* Robineau-Desvoidy, 1863 [Sarcophagidae]; *Erigone* Robineau-Desvoidy, 1830 [Tachinidae]; *Kirbya* Robineau-Desvoidy, 1830 [Tachinidae]; *Lilaea* Robineau-Desvoidy, 1863 [Tachinidae]; *Meckelia* Robineau-Desvoidy, 1830 [Ulidiidae]; *Melinda* Robineau-Desvoidy, 1830 [Calliphoridae]; *Misellia* Robineau-Desvoidy, 1863 [Sarcophagidae]; *Myophora* Robineau-Desvoidy, 1830 [Sarcophagidae]; *Myoris* Robineau-Desvoidy, 1830 [Ulidiidae]; *Odinia* Robineau-Desvoidy, 1830 [Odiniidae]; *Phoraea* Robineau-Desvoidy, 1830 [Anthomyiidae]; *Rhinia* Robineau-Desvoidy, 1830 [Rhiniidae]; *Rhinophora* Robineau-Desvoidy, 1830 [Rhinophoridae]; *Sabethes* Robineau-Desvoidy, 1827 [Culicidae]; *Salticella* Robineau-Desvoidy, 1830 [Sciomyzidae]; and *Urellia* Robineau-Desvoidy, 1830 [Tephritidae].

The following new synonymies are proposed as junior synonyms under their respective valid genus-group names: under *Acemya* Robineau-Desvoidy, 1830 [Tachinidae] is *Acemyia* Schiner, 1861, **n. syn.**; under *Aplomya* Robineau-Desvoidy, 1830 [Tachinidae] is *Aplomyia* Agassiz, 1846, **n. syn.**; under *Billaea* Robineau-Desvoidy, 1830 [Tachinidae] is *Nicea* Marschall, 1873, **n. syn.**; under *Bohemia* Robineau-Desvoidy, 1863 [Tachinidae] is *Bohemannia* Bezzi & Stein, 1907, **n. syn.**; under *Botanophila* Lioy, 1864 [Anthomyiidae] is *Aegeria* Agassiz, 1846, **n. syn.**; under *Campylocheta* Rondani, 1859 [Tachinidae] is *Goedartia* Bezzi & Stein, 1907, **n. syn.**; under *Cephenemyia* Latreille, 1818 [Oestridae] is *Cephenemya* Robineau-Desvoidy, 1830, **n. syn.**; under *Chrysomya* Robineau-Desvoidy, 1830 [Calliphoridae] is *Chrysomyia* Macquart, 1835, **n. syn.**; under *Chyromyia* Robineau-Desvoidy, 1830 [Chyromyidae] is *Chyromyia* Schiner, 1864, **n. syn.**; under *Cistogaster* Latreille, 1829 [Tachinidae] is *Palassa* Lioy, 1864, **n. syn.**; under *Clairvillia* Robineau-Desvoidy, 1830 [Tachinidae] is *Phaniomyia* Brauer & Bergenstamm, 1889, **n. syn.**; under *Conops irritans* Linnaeus, 1758 [Muscidae] is *Haematobia ferox* Robineau-Desvoidy, 1830, **n. syn.**; under *Cylidria* Robineau-Desvoidy, 1830 [Sciomyzidae] is *Cylindria* Hendel, 1900, **n. syn.**; under *Dinera* Robineau-Desvoidy, 1830 [Tachinidae] is *Myiocera* Brauer & Bergenstamm, 1889, **n. syn.**; under *Dufouria* Robineau-Desvoidy, 1830 [Tachinidae] is *Silbermannia* Marschall, 1873, **n. syn.**; under *Dumerillia* Robineau-Desvoidy, 1830 [Tachinidae] are *Dumerilia* Duponchel in d'Orbigny, 1844, **n. syn.**, *Dumerilia* Agassiz, 1846, **n. syn.**; under *Elodia* Robineau-Desvoidy, 1830 [Tachinidae] is *Westwoodia* Herting, 1974, **n. syn.**; under *Elomya* Robineau-Desvoidy, 1830 [Tachinidae] is *Helomyia* Agassiz, 1846, **n. syn.**; under *Elophoria* Robineau-Desvoidy, 1830 [Tachinidae] is *Helophoria* Bezzi & Stein, 1907, **n. syn.**; under *Eriothrix* Meigen, 1803 [Tachinidae] is *Oliviera* Lioy, 1864, **n. syn.**; under *Estheria* Robineau-Desvoidy, 1830 [Tachinidae] is *Myiostoma* Brauer & Bergenstamm, 1889, **n. syn.**; under *Eurithia* Robineau-Desvoidy, 1844 [Tachinidae] is *Eurythia* Brauer & Bergenstamm, 1889, **n. syn.**; under *Eurysthaea* Robineau-Desvoidy, 1863 [Tachinidae] is *Euristhaea* Marschall, 1873, **n. syn.**; under *Fannia* Robineau-Desvoidy, 1830 [Fanniidae] is *Philintha* Agassiz, 1846, **n. syn.**; under *Freraea* Robineau-Desvoidy, 1830 [Tachinidae] is *Frerea* Agassiz, 1846, **n. syn.**; under *Gimmenthalia* Robineau-Desvoidy, 1863 [Tachinidae] is *Gimmerthalia* Bezzi & Stein, 1907, **n. syn.**; under *Gonia* Meigen, 1803 [Tachinidae] are *Pissemyia* Schiner, 1861, **n. syn.**, *Redia* Bezzi & Stein, 1907, **n. syn.**; under *Haematobia* Le Peletier & Serville, 1828 [Muscidae] are *Haematobia* Robineau-Desvoidy, 1830, **n. syn.**, *Hoematobia* Bigot, 1892, **n. syn.**; under *Hermya* Robineau-Desvoidy, 1830 [Tachinidae] is *Hermyia*

Verrall in Scudder, 1882, **n. syn.**; under *Hydrotaea* Robineau-Desvoidy, 1830 [Muscidae] is *Ophira* Bigot, 1892, **n. syn.**; under *Hydromya* Robineau-Desvoidy, 1830 [Sciomyzidae] is *Hydromya* Curtis, 1837, **n. syn.**; under *Hylemya* Robineau-Desvoidy, 1830 [Anthomyiidae] is *Hylemia* Marié, 1930, **n. syn.**; under *Leiophora* Robineau-Desvoidy, 1863 [Tachinidae] is *Liophora* Bezzi & Stein, 1907, **n. syn.**; under *Linnaemya* Robineau-Desvoidy, 1830 [Tachinidae] is *Linnaemyia* Aldrich, 1905, **n. syn.**; under *Loevia* Robineau-Desvoidy, 1863 [Tachinidae] is *Loewia* Herting, 1974, **n. syn.**; under *Macromya* Robineau-Desvoidy, 1830 [Tachinidae] is *Macromya* Agassiz, 1846, **n. syn.**; under *Megarhinus* Robineau-Desvoidy, 1827 [Culicidae] is *Megarhina* Osten Sacken, 1881, **n. syn.**; under *Minettia* Robineau-Desvoidy, 1830 [Lauxaniidae] is *Terennia* Schiner, 1868, **n. syn.**; under *Musca* Linnaeus, 1758 [Muscidae] are *Plaxemyia* Schiner, 1861, **n. syn.**, *Byomyia* Williston, 1908, **n. syn.**; under *Oestrus* Linnaeus, 1758 [Oestridae] is *Cephalemya* Robineau-Desvoidy, 1830, **n. syn.**; under *Oswaldia* Robineau-Desvoidy, 1863 [Tachinidae] is *Edomyia* Bezzi & Stein, 1907, **n. syn.**; under *Orites* Latreille, 1804 [Otitidae] is *Meckelia* Robineau-Desvoidy, 1830, **n. syn.**; under *Palpomya* Robineau-Desvoidy, 1830 [Platystomatidae] is *Palpomya* Macquart, 1835, **n. syn.**; under *Pegomya* Robineau-Desvoidy, 1830 [Anthomyiidae] is *Pegomyia* Curtis, 1837, **n. syn.**; under *Phaonia* Robineau-Desvoidy, 1830 [Muscidae] are *Fellea* Agassiz, 1846, **n. syn.**, *Euphemyia* Lioy, 1864, **n. syn.**; under *Phasia* Latreille, 1804 [Tachinidae] is *Allophora* Bezzi & Stein, 1907, **n. syn.**; under *Phryxe* Robineau-Desvoidy, 1830 [Tachinidae] is *Erinnia* Bezzi & Stein, 1907, **n. syn.**; under *Phyllomya* Robineau-Desvoidy, 1830 [Tachinidae] is *Phyllomyia* Agassiz, 1846, **n. syn.**; under *Polystodes* Robineau-Desvoidy, 1830 is *Polistodes* Speiser, 1915, **n. syn.**; under *Pyrellia* Robineau-Desvoidy, 1830 [Muscidae] is *Pyrelia* Am Stein, 1857, **n. syn.**; under *Rhinomya* Robineau-Desvoidy, 1830 [Tachinidae] are *Rhinomyia* Agassiz, 1846, **n. syn.**, *Rhynomyia* Schiner, 1861, **n. syn.**; under *Rhyncomya* Robineau-Desvoidy, 1830 [Rhiniidae] is *Rhynchomyia* Agassiz, 1846, **n. syn.**; under *Rivellia* Robineau-Desvoidy, 1830 [Platystomatidae] is *Revellia* Agassiz, 1846, **n. syn.**; under *Sarcophaga* Meigen, 1826 [Sarcophagidae] is *Myiophora* Bezzi & Stein, 1907, **n. syn.**; under *Solieria* Robineau-Desvoidy, 1849 [Tachinidae] is *Myiobia* Mik, 1890, **n. syn.**; under *Strauzia* Robineau-Desvoidy, 1830 [Tephritidae] is *Straxissia* Verrall in Scudder, 1882, **n. syn.**; under *Tachina* Meigen, 1803 [Tachinidae] is *Servilia* Am Stein, 1857, **n. syn.**; under *Taxigramma* Perris, 1852 [Sarcophagidae] is *Misella* Brauer & Bergenstamm, 1893, **n. syn.**; under *Thecophora* Rondani, 1845 [Conopidae] is *Occemyia* Schiner, 1861, **n. syn.**; under *Uramya* Robineau-Desvoidy, 1830 [Tachinidae] are *Uramya* Agassiz, 1846, **n. syn.**, *Uromyia* Brauer & Bergenstamm, 1893, **n. syn.**; under *Xyphosia* Robineau-Desvoidy, 1830 [Tephritidae] is *Xiphosia* Agassiz, 1846, **n. syn.**

New combinations resulting from research conducted here include: *Paracalobata ephippium* (Fabricius, 1794), **n. comb.**; *Paracalobata octoannulata* (Strobl, 1899), **n. comb.** [Micropezidae].

Additionally, *Gymnodia* Robineau-Desvoidy, 1863 is treated as a valid senior synonym of *Brontaea* Kowarz, 1873, **n. status** [Muscidae]; *Lyciella* Collin, 1948, **n. status**, is treated as an invalid junior synonym of the valid name *Meiosimyza* Hendel, 1925, **n. status** [Lauxaniidae].

Reversal of precedence is invoked for four cases of subjective synonymy to promote stability in nomenclature: *Thricops* Rondani, 1856, **nomen protectum** and *Phyllis* Robineau-Desvoidy, 1830, **nomen oblitum** [in Muscidae]; *Musca halterata* Panzer, 1798, **nomen protectum** and *Musca nigrita* Scopoli, 1763, **nomen oblitum** [in Sarcophagidae]; *Tachina moerens* Meigen, 1830, **nomen protectum** and *Kirbya vernalis* Robineau-Desvoidy, 1830, **nomen oblitum** [in Tachinidae]; *Trypeta longipennis* Wiedemann, 1830, **nomen protectum** and *Struzia inermis* Robineau-Desvoidy 1830, **nomen oblitum** [Tephritidae].