

**A catalogue of the Scathophagidae (Diptera)
of the Palearctic region,
with notes on their taxonomy and faunistics**

František ŠIFNER

V štíhlách 1311, CZ-142 00 Praha 4 – Krč, Czech Republic

Abstract. A catalogue of the species of the family Scathophagidae of the Palearctic region is given, including notes on their taxonomy, distribution data, and new faunistic records. Exact data on old localities of some species, including the current local names, are provided. The catalogue contains 37 genera and 220 valid species, 193 synonyms (including 25 new ones), and 12 doubtful species. The following new combinations are proposed: *Amaurosoma truncatum* (Fan, 1976), comb. nov., and *Amaurosoma indotatum* (Engelmark, 1999), comb. nov., from the genus *Nanna* Becker, 1894; *Gimnomera alanica* (Ozerov, 1999), comb. nov., *Gimnomera tukuringa* (Ozerov, 1999), comb. nov., *Gimnomerra sibirica* (Engelmark, 1999), comb. nov., and *Gimnomera novgorodovae* (Ozerov, 2006), comb. nov., from *Cochliarium* Becker, 1894; *Norellisoma longiabdominum* (Sun, 1992), comb. nov., *Norellisoma triangulum* (Sun, 1992), comb. nov., *Norellisoma caucasicum* (Ozerov, 1993), comb. nov., *Norellisoma insulare* (Ozerov, 1993), comb. nov., *Norellisoma montanoprattense* (Ozerov, 1993), comb. nov., and *Norellisoma orientale* (Ozerov, 1993), comb. nov., from *Norellia* Robineau-Desvoidy, 1830; *Phrosia remmi* (Elberg, 1972), comb. nov., from *Cordylura* Fallén, 1810. The following new synonyms are established: *Acerocnema macrocera* (Meigen, 1826) = *Acerocnema obscuripes* Becker, 1915, syn. nov.; *Amaurosoma armillatum* (Zetterstedt, 1846) = *Amaurosoma mensuratum* Becker, 1894, syn. nov.; *Amaurosoma flavipes* (Fallén, 1819) = *Cordylura nigriventris* Loew, 1864, syn. nov.; *Amaurosoma tibiellum* (Zetterstedt, 1838) = *Amaurosoma nutans* Becker, 1894, syn. nov.; *Americina vittata* (Meigen, 1826) = *Cordylura unicolor* Loew, 1864, syn. nov.; *Ceratinostoma ostiorum* (Curtis, 1823) = *Ceratinostoma nudisetia* Becker, 1907, syn. nov.; *Cordylura pubera* auct. nec Linnaeus, 1758 = *Mosina dejeani* Robineau-Desvoidy, 1830, syn. nov. = *Mosina latreillei* Robineau-Desvoidy, 1830, syn. nov.; *Delina nigrita* (Fallén, 1819) = *Cordylura erythrocephala* Meigen, 1838, syn. nov. = *Chirosia cepelaki* Teschner, 1978, syn. nov.; *Parallelomma albipes* (Fallén, 1819) = *Mosina fulva* Robineau-Desvoidy, 1830, syn.

nov.; *Phrosia albilabris* (Fabricius, 1805) = *Cordylura albofasciata* Gimmerthal, 1846: 104, syn. nov.; *Scathophaga furcata* (Say, 1823) = *Scatina claripennis* Robineau-Desvoidy, 1830, syn. nov. = *Scatophaga limbata* von Roser, 1840, syn. nov. = *Scathophagella pubescens* Szilády, 1926, syn. nov.; *Scathophaga inquinata* (Meigen, 1826) = *Cordylura analis* Meigen, 1826: 244, syn. nov. = *Scatophaga analis* Meigen, 1826: 251, syn. nov. = *Scatophaga umbrarum* Robineau-Desvoidy, 1830, syn. nov.; *Scathophaga litorea* (Fallén, 1819) = *Scatophaga bipunctata* Macquart, 1835, syn. nov. = *Scatophaga hyperborea* Boheman, 1866, syn. nov. = *Scatomyza janmajeni* Séguy, 1938, syn. nov. = *Scatophaga nigricornis* Robineau-Desvoidy, 1830, syn. nov. = *Scathophaga tessellata* Macquart, 1838, syn. nov.; *Scathophaga lutaria* (Fabricius, 1794) = *Scatophaga pallipes* Szilády, 1926, syn. nov.; *Scathophaga stercoraria* (Linnaeus, 1758) = *Scatomyza erythrostoma* Holmgren, 1883, syn. nov. = *Scatophaga soror* Wiedemann, 1818, syn. nov.; and *Scoliaphleps ustulata* (Zetterstedt, 1838) = *Scoliaphleps hyalinipennis* Ringdahl, 1936, syn. nov. The following new records are published: *Acerocnema macrocera* (Meigen, 1826) (Italy); *Amaurosoma puberulum* Becker, 1894 (European Russia); *Cleigastra apicalis* (Meigen, 1826) (Croatia); *Coniosternum fluviale* (Rondani, 1867) (Austria, Turkmenistan); *Coniosternum mihalyii* Šifner, 1975 (Iraq); *Coniosternum obscurum* (Fallén, 1819) (Albania, Poland); *Cordylura pubera* auct. nec Linnaeus, 1758 (Belgium); *Cordylura umbrosa* (Loew, 1873) (Romania); *Delina anthrax* (Schiner, 1864) (Bulgaria, Spain); *Megaphthalma pallida* (Fallén, 1819) (Romania); *Megaphthalmoides unilineatus* (Zetterstedt, 1838) (Germany); *Microprosopa hoberlandti* Šifner, 1981 (Hungary); *Microprosopa pallidicauda* (Zetterstedt, 1838) (Romania); *Parallelomma albipes* (Fallén, 1819) (Bulgaria); *Parallelomma fuscipes* (Zetterstedt, 1838) (Austria, Switzerland); *Phrosia albilabris* (Fabricius, 1805) (Azerbaijan, Italy, Serbia); *Pogonota barbata* Zetterstedt, 1838 (Russia – Far East); *Spaziphora hydromyzina* (Fallén, 1819) (Romania); *Spathophilus breviventris* (Loew, 1873) (Austria); *Scathophaga cineraria* (Meigen, 1826) (Albania, Canary Islands, Croatia, Madeira, Romania, Spain); *Scathophaga inquinata* (Meigen, 1826) (Portugal, Slovenia); *Scathophaga lutaria* (Fabricius, 1794) (Israel, European Russia, Slovenia, Turkey); *Scathophaga stercoraria* (Linnaeus, 1758) (Tunisia); and *Scathophaga suilla* (Fabricius, 1794) (Romania). The following species are regarded as nomina dubia: *Musca tipularia* Fabricius, 1794; *Cordylura varia* Meigen, 1826; *Chione ichneumonea* Robineau-Desvoidy, 1830; *Cordylura flava* Wiedemann, 1830; *Mosina connexa* Robineau-Desvoidy, 1830; *Scatophaga ochrocephala* Brullé, 1832; *Cleigastra bicolor* Macquart, 1835; *Cordylura fuscipennis* Gimmerthal, 1846; *Cordylura aricina* Zetterstedt, 1846; *Cordylura aricoides* Zetterstedt, 1855; *Cordylura nigripila* Zetterstedt, 1860; and *Cleigastra nitida* van der Wulp, 1871.

Key words. Diptera, Scathophagidae, taxonomy, new synonyms, new combination, faunistics, new records, Palaearctic region