

Subfamily HOMALOMITRINAE

HOMALOMITRINAE Roháček & Marshall, 1998a: 457. Type genus: *Homalomitra* Borgmeier, 1931, original designation. - Roháček & Marshall, 1998a: 457-491 [diagnosis, revision of world genera and species, key, phylogeny, illustr.].

Genus *Homalomitra* Borgmeier, 1931

Homalomitra Borgmeier, 1931: 32 (feminine). Type species: *Homalomitra ecitonis* Borgmeier, 1931, original designation. - Borgmeier, 1931: 30-37 [diagnosis, illustr.]; Richards, 1967b: 6 [Neotropical catalog]; Hackman, 1969a: 198, 207 [phylogenetic notes, biogeography]; Mourgués-Schurter, 1987a: 113 [diagnosis, illustr.]; Roháček & Marshall, 1998a: 458-463 [redescription, key to world species, illustr.].

Homalomitra albuquerquei Mourgués-Schurter, 1987. **Distr.:** Neotropical: Costa Rica.
Homalomitra albuquerquei Mourgués-Schurter, 1987a: 116 [male, taxonomic notes, illustr.].
Type locality: Costa Rica. HT male (MZSP). - Roháček & Marshall, 1998a: 477-479 [redescription, phylogeny, key, illustr.].

Homalomitra antiqua Roháček & Marshall, 1998. **Distr.:** Neotropical: Brazil, Costa Rica.
Homalomitra antiqua Roháček & Marshall, 1998a: 463 [both sexes, phylogeny, key, illustr.]. Type locality: Costa Rica, San José, Zurquí de Moravia [1,600 m]. HT male (DEBU).

Homalomitra ecitonis Borgmeier, 1931. **Distr.:** Neotropical: Brazil.
Homalomitra ecitonis Borgmeier, 1931: 32 [female, illustr.]. Type locality: Brazil, Goyaz (= Goiás), Campinas. HT female (USNM, some parts in MZSP). - Richards, 1967b: 6 [Neotropical catalog]; Mourgués-Schurter, 1987a: 114 [redescription, illustr.]; Roháček & Marshall, 1998a: 471 [redescription, both sexes, phylogeny, key, illustr.].

Homalomitra tenuior Roháček & Marshall, 1998. **Distr.:** Neotropical: Colombia, Ecuador.
Homalomitra tenuior Roháček & Marshall, 1998a: 468 [female, phylogeny, key, illustr.]. Type locality: Colombia, Río Camposo. HT female (USNM).

Genus *Sphaeromitra* Roháček & Marshall, 1998

Sphaeromitra Roháček & Marshall, 1998a: 479 (feminine). Type species: *Sphaeromitra inepta* Roháček & Marshall, 1998, original designation. - Roháček & Marshall, 1998a: 479-486 [diagnosis, phylogeny, illustr.].

Sphaeromitra inepta Roháček & Marshall, 1998. **Distr.:** Neotropical: Peru.
Sphaeromitra inepta Roháček & Marshall, 1998a: 483 [both sexes, phylogeny, illustr.]. Type locality: Peru, Madre de Dios, Zona Reserva Manú, Pakitza [400 m]. HT male (DEBU).

Subfamily LIMOSININAE

LIMOSININAE Frey, 1921: 27, 221. Type genus: *Limosina* Macquart, 1835. - Vanschuytbroeck, 1959a: 71-72 [as Limosinae; diagnosis, keys]; Papp, 1973c: 2-4 [diagnosis in key]; Roháček, 1983e: 4-7 [diagnosis in key, key to European genera, illustr.]; Papp, 1984: 80-107 [Palearctic catalog, notes on synonyms]; Marshall & Richards, 1987: 995-1004 [diagnosis, key to Nearctic genera, illustr.]; Pitkin, 1988: 30, 29, 34-50 [diagnosis in key, key to British genera and species]; Roháček, 1998a: 473, 477-492 [diagnosis, key to Palearctic genera, illustr.].

Note: Limosinae Stenhammar, 1855: 304-307, 360. - This name is unavailable because it was used merely as a plural noun referring to members of the genus *Limosina* [cf. Art. 11.7.1.2 (ICZN, 1999)]. Consequently, Sabrosky (1999: 178) was incorrect considering Limosinae Stenhammar, 1855 the oldest available name for the subfamily Limosininae.

Further references: Duda, 1918: 1-240 [as genus *Limosina*; revision of European subgenera and species, keys, illustr.]; Duda, 1925: 5-215 [as genus *Leptocera*; revision of extra-European subgenera and species, keys, illustr.]; Roháček, 1982c: 195-282, 1983e: 3-195, 1983f: 203-255, 1985a: 101-179 [revision of European species of the *Limosina* complex, keys, morphology, preimaginal stages, phylogeny, biology, biogeography, illustr.].

LEPTOCERINAE Hendel, 1928: 105. Type genus: *Leptocera* Olivier, 1813 [a junior homonym of Leptoceridae Leach, 1815 (type genus: *Leptocerus* Leach, 1815, Trichoptera)]. - Hendel, 1931: 5 [diagnosis in key]; Brues & Melander, 1932: 344 [as Leptoceratidae; classification]; Séguy, 1934: 447, 454-471 [diagnosis, key to genera and species, illustr.]; Brues et al., 1954: 383 [as Leptoceridae; classification]; Hackman, 1969a: 205-207 [taxonomic limits, phylogenetic notes, biogeography]; Hackman, 1977: 399-406 [Oriental catalog]; Hennig, 1973: 64 [brief diagnosis, list of genera]; Sabrosky, 1999: 173, 178 [homonymy].

CEROPTERINAE Vanschuytbroeck, 1959a: 2 [only proposed in the title of the paper]. Type genus: *Ceroptera* Macquart, 1835. - Papp, 1977c: 371-372, 384 [diagnosis, key to genera]; Roháček, 1983e: 4 [diagnosis in key]; Papp, 1984: 80 [Palearctic catalog]. - **syn.n.** (see p. 21).

Note: Ceropterinae Vanschuytbroeck, 1959a does not satisfy the provisions of Art. 13.1. of the Code (ICZN, 1999) but is available because it was used as a valid name before 2000 (see above) and was not rejected between 1960 and 2000 in application of Art. 13 of previous editions of the Code (cf. Art. 13.2.1.).

Tribes of Limosininae:

COPROPHILINI Vanschuytbroeck, 1962a: 472, 477. Type genus: *Coprophila* Duda, 1918.

Note: Because Sphaeroceridae have not yet been consistently classified into tribes, the above name, although available, is not used in the catalog. However, this might change in the future, when the phylogenetic relationships of the genera are better understood; this name has to be used then.

Genus *Acuminiseta* Duda, 1925

Acuminiseta Duda, 1925: 76 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Limosina pallidicornis* Villeneuve, 1916, subsequent designation by Richards, 1930: 268. - Duda, 1925: 119-129 [diagnosis, key, review of species]; Duda, 1938: 24 [as subgenus of *Limosina* Macquart, 1835]; Richards, 1973: 361 [as subgenus of *Leptocera*; diagnosis]; Hackman, 1969a: 199, 208 [as genus; phylogenetic notes, biogeography]; Hackman, 1977:

399 [as genus; Oriental catalog]; Richards, 1980: 618 [Afrotropical catalog]; Marshall, 1989b: 602 [as genus; Australasian/Oceanian catalog].

Acuminiseta Duda, 1920b: 435 [nomen nudum].

Note: *Acuminiseta* is certainly not monophyletic as currently assembled and urgently needs taxonomic revision.

Acuminiseta cercalis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Acuminiseta) cercalis Richards, 1973: 362 [female]. Type locality: Australia, New South Wales, Otford. HT female (AMSA).

Acuminiseta cercalis. - Marshall, 1989b: 602 [generic combination, Australasian/Oceanian catalog].

Note: Generic placement uncertain.

Acuminiseta ciliata (Duda, 1925). **Distr.:** Oriental: Singapore.

Leptocera (Acuminiseta) ciliata Duda, 1925: 128 [female]. Type locality: Singapore. HT female (HNHM).

Acuminiseta ciliata. - Hackman, 1977: 399 [generic combination, Oriental catalog].

Acuminiseta elegantula (Duda, 1925). **Distr.:** Oriental: India (Maharashtra).

Leptocera (Acuminiseta) elegantula Duda, 1925: 122 [female]. Type locality: India, Matherran [800 m]. HT female (HNHM).

Acuminiseta elegantula. - Hackman, 1977: 400 [generic combination, Oriental catalog].

Acuminiseta flavicornis (Duda, 1925). **Distr.:** Oriental: Vietnam.

Leptocera (Acuminiseta) flavicornis Duda, 1925: 125 [female]. Type locality: Vietnam, "Mittel-Annam". HT female (NHMW).

Acuminiseta flavicornis. - Hackman, 1977: 400 [generic combination, Oriental catalog].

Acuminiseta flaviterga (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW).

Leptocera (Acuminiseta) flaviterga Richards, 1973: 362 [both sexes, illustr.]. Type locality: Australia, Australian Capital Territory, Mt. Gingera. HT male (ANIC).

Acuminiseta flaviterga. - Marshall, 1989b: 602 [generic combination, Australasian/Oceanian catalog].

Note: Generic affiliation uncertain.

Acuminiseta longiventris (Duda, 1925). **Distr.:** Afrotropical: ?Madagascar; Australasian/Oceanian: Guam (USA), Micronesia (Yap Is.); Oriental: Vietnam.

Leptocera (Acuminiseta) longiventris Duda, 1925: 126 [female, illustr.]. Type locality: Vietnam, "Mittel-Annam". STs females (NHMW). - Richards, 1963a: 122 [redescription, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Acuminiseta longiventris. - Hackman, 1977: 400 [generic combination, Oriental catalog]; Marshall, 1989b: 602 [Australasian/Oceanian catalog].

Acuminiseta pallidicornis (Villeneuve, 1916). **Distr.:** Afrotropical: Cameroon, Congo, Zaire.

Limosina pallidicornis Villeneuve, 1916: 41 [both sexes, illustr.]. Type locality: Congo, Brazzaville. LT male, designated by Roháček, 2001: 469 (MNHN).

Leptocera (Acuminiseta) pallidicornis. - Duda, 1925: 122 [generic combination]; Richards, 1980: 618 [Afrotropical catalog].

Limosina (Acuminiseta) pallidicornis. - Vanschuytbroeck, 1950a: 31 [diagnosis].

Leptocera pallidicornis. - Disney, 1975: 67-68 [biology, behaviour].

Acuminiseta pallidicornis. - Vanschuytbroeck, 1970: 266 [generic combination].

Acuminiseta rugarii (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Zaire.

Limosina (Acuminiseta) rugarii Vanschuytbroeck, 1950a: 31 [male]. Type locality: Zaire, envir. Miss. Rugari (Lulenga). HT male (MRAC).

Acuminiseta rugarii. - Vanschuytbroeck, 1970: 266 [generic combination].

Leptocera (Acuminiseta) rugarii. - Richards, 1980: 618 [generic combination, Afrotropical catalog].

Genus *Aluligera* Richards, 1951

Aluligera Richards, 1951a: 834 (feminine). Type species: *Aluligera montana* Richards, 1951, original designation. - Richards, 1951a: 834-835 [diagnosis, illustr.]; Richards, 1955b: 300 [diagnosis, key]; Richards, 1966a: 202-229 [diagnosis, revision, key, illustr.]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Richards, 1980: 614 [Afrotropical catalog].

Uluguria Richards, 1965a: 440 (feminine). Type species: *Uluguria maculata* Richards, 1965, original designation. - Richards, 1965a: 440 [diagnosis, taxonomical notes, illustr.]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Richards, 1980: 626 [Afrotropical catalog]. - **syn.n.** (see pp. 21-22).

Aluligera alpina Richards, 1966. **Distr.:** Afrotropical: Uganda.

Aluligera alpina Richards, 1966a: 205 [both sexes, phylogenetic notes, illustr.]. Type locality: Uganda, Ruwenzori Mts., Mijusi Valley, Mijusi lake [4,000 m]. HT male (not found in NHRS, its present location unknown - Pitkin, 1989: 9). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera bicolor (Richards, 1965) **comb.n.** **Distr.:** Afrotropical: Kenya.

Leptocera (Limosina) bicolor Richards, 1965a: 450 [male, illustr.]. Type locality: Kenya, Mt. Elgon, east side [2,500 m]. HT male (not found in NHRS, its present location unknown - Pitkin, 1989: 20). - Richards, 1980: 619 [Afrotropical catalog].

Aluligera brunneata Richards, 1966. **Distr.:** Afrotropical: Rwanda, Zaire.

Aluligera brunneata Richards, 1966a: 218 [both sexes]. Type locality: Zaire, district du Kivu, territoire de Mwenga, Itombwe S.-O., mine d'or de la Lwiko [1,900 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera flavena (Richards, 1966) **comb.n.** **Distr.:** Afrotropical: Zaire.

Leptocera (Limosina) flavena Richards, 1966a: 236 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire d'Uvira, Lubuka, vallée de l'Ulindi [2,180 m]. HT male (MRAC). - Richards, 1980: 620 [Afrotropical catalog].

Aluligera grossa Richards, 1955. **Distr.:** Afrotropical: Rwanda, Zaire.

Aluligera grossa Richards, 1955a: 297 [female]. Type locality: Zaire, Kivu, Contref. S. du Kahuzi [2,300 m]. HT female (MRAC). - Richards, 1960a: 320-323 [redescription, illustr.]. - Richards, 1966a: 207, 210 [male, genitalia, illustr.]; Richards, 1980: 614 [Afrotropical catalog].

Aluligera borborus Richards, 1955a: 298 [male]. Type locality: Rwanda, Rutovu, forêt du Rugege. HT male (MRAC). - Richards, 1960a: 320 [synonymy].

Aluligera grossula Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera grossula Richards, 1966a: 211 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire d'Uvira, Lubuku [2,780 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera ituriensis Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera ituriensis Richards, 1966a: 209 [female]. Type locality: Zaire, Kibali-Ituri, Blukwa [1,820-2,100 m]. HT female (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera laqueata Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera laqueata Richards, 1966a: 216 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kalehe, contreforts S.-O. du Kahuzi [2,200 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera leucocephala Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera leucocephala Richards, 1966a: 220 [both sexes]. Type locality: Zaire, district du Kivu, territoire de Kabare, versant S.-E. du Kahuzi, Riv. Lwiro [1,900 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera leucothorax Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera leucothorax Richards, 1966a: 223 [both sexes]. Type locality: Zaire, district du Kivu, territoire de Kalehe, Bitale, contreforts S.-O. du Kahuzi [1,600 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera maculata (Richards, 1965) **comb.n.** **Distr.:** Afrotropical: Tanzania.

Uluguria maculata Richards, 1965a: 441 [both sexes, illustr.]. Type locality: Tanzania, Eastern province, Uluguru Mts., Bunduki, gorge Mungula [1,500 m]. HT male (MRAC). - Richards, 1980: 626 [Afrotropical catalog].

Aluligera montana Richards, 1951. **Distr.:** Afrotropical: Uganda.

Aluligera montana Richards, 1951a: 835 [both sexes, illustr.]. Type locality: Uganda, Ruwenzori Range, Namwamba Valley [8,300 ft]. HT female (BMNH). - Richards, 1966a: 208-209 [taxonomic notes, illustr.]. - Richards, 1980: 614 [Afrotropical catalog].

Aluligera nigra (Richards, 1965) **comb.n.** **Distr.:** Afrotropical: Tanzania.

Uluguria nigra Richards, 1965a: 442 [both sexes, illustr.]. Type locality: Tanzania, Eastern province, Uluguru Mts., valley of Ululu-Ndogo [1,500 m]. HT male (MRAC). - Richards, 1980: 626 [Afrotropical catalog].

Aluligera pallidisternum Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera pallidisternum Richards, 1966a: 221 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Mwenga, Itombwe S.-O., mine d'or de la Lwiko [2,380 m]. HT male (MRAC).

Aluligera pallidesternum. - Richards, 1980: 614 [misspelling, Afrotropical catalog].

Aluligera polychaeta Richards, 1966. **Distr.:** Afrotropical: Rwanda, Zaire.

Aluligera polychaeta Richards, 1966a: 219 [both sexes]. Type locality: Zaire, district du Kivu, territoire de Kabare, versant S.-E. du Kahuzi, R. Lwiro [1,900 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera sessilis Richards, 1966. **Distr.:** Afrotropical: Zaire.

Aluligera sessilis Richards, 1966a: 225 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire d'Uvira [2,780 m]. HT male (MRAC). - Richards, 1980: 614 [Afrotropical catalog].

Aluligera stenosoma Richards, 1955. **Distr.:** Afrotropical: Zaire.

Aluligera stenosoma Richards, 1955b: 297 [both sexes]. Type locality: Zaire, Kivu, Contref. S. Kahuzi, km 27 [2,200 m]. HT female (MRAC). - Richards, 1966a: 213-216 [redescription, illustr.]. - Richards, 1980: 614 [Afrotropical catalog].

Aluligera varicolor (Richards, 1957) **comb.n.** **Distr.:** Afrotropical: Kenya, Tanzania, Uganda.

Leptocera (Limosina) varicolor Richards, 1957: 384 [both sexes, illustr.]. Type locality: Kenya, Mt. Elgon, versant Est [2,900 m]. HT female (MRAC). - Richards, 1980: 620 [Afrotropical catalog].

Leptocera (Limosina) pleurofasciata Richards, 1965a: 444 [both sexes, illustr.]. Type locality: Tanzania, Mt. Meru, Olkokola, northwest slope [2,500 m]. HT male (MRAC). - Richards, 1980: 620 [Afrotropical catalog]. - Richards, 1980: 620 [Afrotropical catalog]. - **syn.n.** (see p. 22).

***Aluligera vittigera* (Richards, 1980) comb.n. Distr.:** Afrotropical: Zaire.

Leptocera (Limosina) vittigera Richards, 1980: 620 [as nom.n. for *Leptocera (Limosina) vittata* Richards, 1966; Afrotropical catalog].

Leptocera (Limosina) vittata Richards, 1966a: 233 [a primary junior homonym of *Leptocera (Limosina) vittata* Malloch, 1914, currently in *Pterogramma*; both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire Kabare, contreforts S.-E. du Kahuzi [2,080-2,200 m]. HT male (MRAC). - Richards, 1980: 620 [homonymy].

***Aluligera xanthographa* (Richards, 1959) comb.n. Distr.:** Afrotropical: Ethiopia.

Leptocera (Limosina) xanthographa Richards, 1959: 182 [both sexes, illustr.]. Type locality: Ethiopia, Simien, Arghine [11,500 ft]. HT female (BMNH). - Richards, 1980: 620 [Afrotropical catalog].

Genus *Anatalanta* Eaton, 1875

Anatalanta Eaton, 1875b: 59 (feminine). Type species: *Anatalanta aptera* Eaton, 1875, monotypy. - Séguy, 1940: 245-250 [diagnosis, key, illustr.]; Richards, 1951a: 843, 848 [key, illustr.]; Richards, 1955a: 91 [key]; Richards, 1965a: 457 [key]; Hackman, 1969a: 199 [phylogenetic notes, illustr.]; Papp, 1979e: 373 [phylogenetic notes, illustr.]; Papp, 1983c: 274-280 [revision, key, illustr.].

Dreuxiella Matile, 1975: 173 (feminine). Type species: *Dreuxiella spinosa* Matile, 1975 [= *Anatalanta crozetensis* Enderlein, 1908], original designation. - Papp, 1983c: 274 [synonymy].

***Anatalanta aptera* Eaton, 1875. Distr.:** Subantarctic: Crozet Is., Heard I., Kerguelen Is., Long I., Murray I.

Anatalanta aptera Eaton, 1875b: 59 [sex not stated]. Type locality: Kerguelen Is. ST(s), sex not stated (? BMNH, ? lost). - Womersley, 1937: 67-69 [preimaginal stages, illustr.]; Séguy, 1940: 246, 249 [head, puparium, illustr.]; Papp, 1983c: 274-280 [variability, male genitalia, key, illustr.]; Tréhen & Vernon, 1982: 106-119 [biology, ecology, distribution], Tréhen & Vernon, 1987: 449-455 [biology, preimaginal stages, illustr.]; Vannier, 1982: 193-207 [preimaginal stages, illustr.]; Chauvin et al., 1987: 131-135 [egg morphology & physiology]; Chauvin et al., 1988: 2422-2426 [ditto].

Anatalanta formiciformis Enderlein, 1903: 226 [female, illustr.]. Type locality: Kerguelen Is., "an einem Teich auf der Südseite des Schönwetterhafens". HT female (ZMHB). - Séguy, 1940: 248 [synonymy]; Papp, 1983c: 271 [synonymy].

Anatalanta aptera var. *gracilis* Enderlein, 1908b: 430 [both sexes, illustr.]. Type locality: Kerguelen Is., Observatory Bay. STs, both sexes (ZMHB). - Séguy, 1940: 249 [diagnosis]; Papp, 1983c: 271 [synonymy].

Anatalanta crozetensis Enderlein, 1908. **Distr.:** Subantarctic: Crozet Is.

Anatalanta crozetensis Enderlein, 1908b: 400 [both sexes, illustr.]. Type locality: Crozet Is., Ile de la Possession, "Weihnachts-Bucht". STs, both sexes (ZMHB). Womersley, 1937: 69 [preimaginal stages]; Séguy, 1940: 246, 250 [diagnosis, illustr.]; Papp, 1983c: 274, 277-280 [taxonomic notes, key, illustr.]; Tréhen & Vernon, 1982: 106-119 [biology, ecology, distribution].

Dreuxiella spinosa Matile, 1975: 174 [female, illustr.]. Type locality: Archipel Crozet, Ile de la Possession, Grande Manchotière. HT female (MNHN). - Papp, 1983c: 271, 274, 276 [synonymy, illustr.].

Genus ***Anomioptera*** Schiner, 1868

Anomioptera Schiner, 1868: 230 (feminine). Type species: *Anomioptera picta* Schiner, 1868, monotypy. - Deeming, 1966b: 121 [taxonomic notes]; Richards, 1967b: 6 [Neotropical catalog]; Hackman, 1969a: 201, 207 [phylogenetic notes, biogeography]; Marshall, 1998: 174-191 [redescription, revision, phylogeny, key, illustr.].

Neopoeilosomella Deeming, 1966b: 121 (feminine) [as subgenus of *Anomioptera* Schiner, 1868]. Type species: *Anomioptera (Neopoeilosomella) plaumanni* Deeming, 1966, monotypy. - Marshall, 1998: 177 [synonymy].

Anomioptera bialba Marshall, 1998. **Distr.:** Neotropical: Venezuela.

Anomioptera bialba Marshall, 1998: 179 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Los Chorros [2,300 m]. HT male (CNCI).

Anomioptera picta Schiner, 1868. **Distr.:** Neotropical: Ecuador, Venezuela.

Anomioptera picta Schiner, 1868: 230 [male, illustr.]. Type locality: „Venezuela“ [erroneously stated as „Columbien“ (= Colombia) in original description, cf. Richards, 1966b: 449]. HT male (NHMW). - Richards, 1966b: 449 [male, redescription]; Deeming, 1966b: 123-124 [male, diagnosis]; Richards, 1967b: 6 [Neotropical catalog]; Marshall, 1998: 182-184 [both sexes, redescription, illustr.].

Anomioptera plaumanni Deeming, 1966. **Distr.:** Neotropical: Brazil.

Anomioptera (Neopoeilosomella) plaumanni Deeming, 1966b: 121 [both sexes, illustr.]. Type locality: Brazil, Nova Teutônia, 27°11' S 52°23' W. HT male (BMNH).

Anomioptera plaumanni. - Marshall, 1998: 184-186 [redescription, illustr.].

Anomioptera quadrialba Marshall, 1998. **Distr.:** Neotropical: Venezuela.

Anomioptera quadrialba Marshall, 1998: 186 [female, illustr.]. Type locality: Venezuela, Bolívar, 135 km S El Dorado [1,400 m]. HT female (CNCI).

Anomioptera quinquealba Marshall, 1998. **Distr.:** Neotropical: Venezuela.

Anomioptera quinquealba Marshall, 1998: 187 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Santa Rosa Trail. HT male (CNCI).

Anomioptera tresalba Marshall, 1998. **Distr.:** Neotropical: Ecuador, Peru.

Anomioptera tresalba Marshall, 1998: 189 [both sexes, illustr.]. Type locality: Ecuador, Baeza. HT male (CNCI).

Genus *Anommonia* Schmitz, 1917

Anommonia Schmitz, 1917c: 121 (feminine). Type species: *Anommonia appendicigera* Schmitz, 1917, subsequent designation by Richards, 1930: 266. - Duda, 1925: 130 [as subgenus of *Leptocera* Olivier, 1813, diagnosis, key]; Duda, 1938: 24 [as subgenus of *Limosina* Macquart, 1835]; Richards, 1968a: 191-197 [as subgenus of *Leptocera*; redefinition, diagnosis, key to world species]; Hackman, 1969a: 199, 208 [as genus; phylogenetic notes, biogeography]; Hackman, 1977: 400 [as genus; Oriental catalog]; Richards, 1980: 618 [as subgenus of *Leptocera*; Afrotropical catalog].
Ammonia. - Vanschuytbroeck, 1959a: 83 [misspelling].

Anommonia alopecialis (Richards, 1968). **Distr.:** Afrotropical: Zaire.

Leptocera (Anommonia) alopecialis Richards, 1968a: 193 [both sexes, illustr.]. Type locality: Zaire, Oriental, Yangambi. HT female (FMNH). - Richards, 1980: 618 [Afrotropical catalog].

Anommonia alopecialis. - Pitkin, 1989: 11 [generic combination].

Anommonia appendicigera Schmitz, 1917. **Distr.:** Afrotropical: Cameroon, Ivory Coast.

Anommonia appendicigera Schmitz, 1917c: 121 [both sexes, illustr.]. Type locality: Cameroon, Gross (= Great) Batanga. STs (probably in ZFMK).

Leptocera (Anommonia) appendicigera. - Richards, 1968a: 194-196 [generic combination, taxonomic notes, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Anommonia flavicaput (Richards, 1968). **Distr.:** Oriental: Indonesia (Sumatra).

Leptocera (Anommonia) flavicaput Richards, 1968a: 190 [as nom.n. for *Leptocera (Anommonia) flavifrons* Duda, 1925]. Type locality: Sumatra, Sinabang, Simalur.

Anommonia flavicaput. - Hackman, 1977: 400 [generic combination, Oriental catalog].

Leptocera (Anommonia) flavifrons Duda, 1925: 130 [a primary junior homonym of *Leptocera (Pteremis) flavifrons* Spuler, 1924 = *Pterogramma palliceps* (C. W. Johnson, 1915); male, illustr.]. Type locality: Sumatra, Sinabang, Simalur. HT male [ZMAN]. - Richards, 1968a: 190 [homonymy].

Anommonia nudipes Richards, 1950. **Distr.:** Afrotropical: Kenya.

Anommonia nudipes Richards, 1950: 21 [both sexes, illustr.]. Type locality: Kenya, Nairobi. HT male (originally deposited in IEUS, but not located there, cf. Pitkin 1989: 11).

Acuminiseta nudipes. - Vanschuytbroeck, 1962a: 469 [generic combination, list].

Leptocera (Anommonia) nudipes. - Richards, 1968a: 194-195 [generic combination, taxonomic notes, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Anommonia patrizii (Richards, 1950). **Distr.:** Afrotropical: Kenya.

Acuminiseta patrizii Richards, 1950: 19 [male, illustr.]. Type locality: Kenya, Nairobi. HT male (originally deposited in IEUS, but not located there, cf. Pitkin 1989: 11).

Leptocera (Anommonia) patrizii. - Richards, 1968a: 194 [generic combination, taxonomic notes]; Richards, 1980: 618 [Afrotropical catalog].

Anommonia patrizii. - Pitkin, 1989: 11 [generic combination].

Anommonia schwabi Schmitz, 1917. **Distr.:** Afrotropical: Cameroon.

Anommonia schwabi Schmitz, 1917a: 126 [female, illustr.]. Type locality: Cameroon, Gross (= Great) Batanga. STs females (probably in ZFMK).

Leptocera (Anommonia) schwabi. - Richards, 1968a: 194 [generic combination]; Richards, 1980: 618 [Afrotropical catalog].

Anommonia spinipleura (Richards, 1968). **Distr.:** Afrotropical: Uganda.

Leptocera (Anommonia) spinipleura Richards, 1968a: 191 [both sexes, illustr.]. Type locality: Uganda, near Entebbe, Kisubi Forest. HT female (FMNH). - Richards, 1980: 618 [Afrotropical catalog].

Anommonia spinipleura. - Pitkin, 1989: 11 [generic combination].

Genus *Apterobiroina* Papp, 1979

Apterobiroina Papp, 1979e: 370 (feminine). Type species: *Apterobiroina australis* Papp, 1979, original designation. - Papp, 1979e: 370-372 [diagnosis, phylogenetic notes, illustr.].

Apterobiroina australis Papp, 1979. **Distr.:** Australasian/Oceanian: Australia (VIC).

Apterobiroina australis Papp, 1979e: 371 [both sexes, illustr.]. Type locality: Australia, Victoria, Mt. Buller, Mirimbah. HT male (MHNG).

Genus *Apteromyia* Vimmer, 1929

Apteromyia Vimmer, 1929: 66 (feminine). Type species: *Apteromyia Vsetečkai* Vimmer, 1929 [= *Apteromyia claviventris* (Strobl, 1909)], original designation. - Roháček, 1982c: 221 [phylogeny], 256-259 [illustr.]; Roháček, 1983e: 15 [genus reinstated, diagnosis]; Marshall & Roháček, 1982: 644 [taxonomy, illustr.]; Marshall & Richards, 1987: 999 [diagnosis in key]; Roháček, 1998a: 487 [diagnosis in key, illustr.].

Aptilomyia. - Vimmer, 1929: 67 [incorrect original spelling, see Roháček, 1983e: 15].

Vsetečkiella Vimmer, 1931: 334 [nomen nudum].

Apteromyia claviventris (Strobl, 1909). **Distr.:** Nearctic: Canada (NB, NS, ON), USA (NY); Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Iceland, Italy (incl. Sicily), Latvia, Netherlands, Norway, Poland, Russia (CET, NET, WS), Slovakia, Sweden, Switzerland.

Limosina claviventris Strobl, 1909: 299 [both sexes]. Type locality: Austria, Steiermark, Admont. LT male, designated by Roháček, 1983e: 16 (NMBA). - Papp, 1984: 96 [Palaearctic catalog].

Limosina (Scotophilella) claviventris. - Duda, 1918: 145 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) claviventris. - Duda, 1925: 159 [generic combination].

Limosina (Limosina) claviventris. - Duda, 1938: 113 [redescription].

Leptocera (Limosina) claviventris. - Richards, 1930: 299, 345 [subgeneric combination, damaged puparium, illustr.]; Okely, 1974: 51 [puparium, illustr.]; Richards, 1980: 620 [Afrotropical catalog].

Apteromyia claviventris. - Marshall & Roháček, 1982: 644 [generic combination, illustr.]; Roháček, 1982c: 232-233, 256-259 [puparium, adult, illustr.]; Roháček, 1983e: 16-17 [redescription, puparium, phylogenetic notes]; Buck, 1977a: 141 [biology].

Limosina brevispina Dahl, 1909: 376. Type locality: Germany, Grunewald. HT male (ZMHB). - Duda, 1918: 235 [synonymy].

Apteromyia Vsetečkai Vimmer, 1929: 66. Type locality: Czech Republic, Vrané n. Vlt. HT male [NMPC, now lost, see Roháček, 1983e: 16].

Aptilomyia vseteckai. - Richards, 1951a: 846 [misspelling, synonymy].

Apteromyia newtoni Marshall & Roháček, 1982. **Distr.:** Nearctic: Canada (ON, QC), USA (MA, NH, TN, VA, VT).

Apteromyia newtoni Marshall & Roháček, 1982: 643 [male, description of female based on misidentified specimen of *Aptilotus nigriphallus* Marshall in Marshall & Smith, 1990; phylogenetic notes, illustr.]. Type locality: USA, Vermont, Bennington Co., Manchester. HT male (MCZC).

Genus *Aptilotella* Duda, 1924

Aptilotella Duda, 1924c: 74 (feminine). Type species: *Aptilotella borgmeieri* Duda, 1924, monotypy. - Richards, 1951a: 847, 849 [taxonomic notes, key]; Richards, 1965a: 459 [diagnosis in key]; Richards, 1967b: 7 [Neotropical catalog]; Hackman, 1969a: 207 [list, biogeography].

Aptilotella borgmeieri Duda, 1924. **Distr.:** Neotropical: Brazil.

Aptilotella borgmeieri Duda, 1924c: 74 [female, illustr.]. Type locality: Brazil, Rio de Janeiro, Petrópolis. HT male (MZSP). - Richards, 1967b: 7 [Neotropical catalog].

Genus *Aptilotus* Mik, 1898

Aptilotus Mik, 1898: 206 (masculine). Type species: *Aptilotus paradoxus* Mik, 1898 monotypy. - Richards, 1951a: 846 [diagnosis]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Marshall, 1983c: 1910-1924 [redescription, revision of Nearctic species, key, phylogeny, illustr.]; Papp, 1984: 86 [Palaeartic catalog]; Marshall & Richards, 1987: 995, 1003 [diagnosis in key, illustr.]; Marshall & Smith, 1990: 2338-2350 [diagnosis, review of world macropterous species, key, zoogeography, illustr.]; Roháček, 1998a: 477, 492 [diagnosis in key, illustr.].

Aptilotus. - Hackman, 1969a: 207 [misspelling].

Americaptilotus Richards, 1951a: 845 (masculine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Aptilotus borealis* Malloch, 1913, original designation. - Richards, 1965c: 723 [as synonym of *Limosina* Macquart, 1835]; Marshall, 1983c: 1911 [synonymy].

Carolinaptera Richards, 1967a: 373 (feminine). Type species: *Carolinaptera pulex* Richards, 1967, original designation. - Marshall, 1983c: 1911 [synonymy].

Minocellina Papp, 1981: 381 (feminine). Type species: *Minocellina besucheti* Papp, 1981, original designation. - Marshall & Smith, 1990: 2338 [synonymy].

Canarisina Roháček, 1983e: 57 (feminine) [as subgenus of *Paralimosina* Papp, 1973]. Type species: *Limosina (Scotophilella) Beckeri* Duda, 1918, original designation. - Roháček & Papp, 1988: 142 [synonymy].

Roubalia Vimmer, 1931: 334 [nomen nudum, key].

Canarisina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Aptilotus anapterus (Papp & Roháček, 1981). **Distr.:** Palaearctic: Canary Is. - La Gomera (Spain).

Paralimosina anaptera Papp & Roháček, 1981: 152 [both sexes, phylogenetic notes, illustr.]. Type locality: Canary Is., La Gomera, El Cedro. HT male (HFM).

Aptilotus anaptera. - Marshall, 1983c: 1910 [generic combination].

Aptilotus anapterus. - Roháček & Papp, 1988: 142 [correct species name].

Aptilotus anaptera. - Marshall, 1983c: 1911 [misspelling].

Aptilotus appendix Papp, 1991. **Distr.:** Oriental: Nepal.

Aptilotus appendix Papp, 1991b: 234 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Goropani [2,750 m]. HT male (MHNG).

Aptilotus avolans (Roháček & Papp, 1983). **Distr.:** Palaearctic: Canary Is. - La Palma (Spain).

Paralimosina avolans Roháček & Papp, 1983a: 148 [male, phylogenetic notes, illustr.]. Type locality: Canary Is., La Palma I., road between Sta. Cruz and Tunel de la Cubre. HT male (HFM).

Aptilotus avolans. - Roháček & Papp, 1988: 142 [generic combination].

Aptilotus beckeri (Duda, 1918). **Distr.:** Palaearctic: Canary Is. (Spain), ?Spain.

Limosina (Scotophilella) beckeri Duda, 1918: 151 [female, illustr.]. Type locality: Canary Islands, Tenerife, Orotava. HT female (ZMHB).

Leptocera (Scotophilella) beckeri. - Duda, 1925: 160 [generic combination].

Limosina (Limosina) beckeri. - Duda, 1938: 109 [subgeneric combination, illustr.].

Leptocera (Limosina) beckeri. - Richards, 1980: 619 [Afrotropical catalog].

Paralimosina beckeri. - Papp & Roháček, 1981: 144 [generic combination, diagnosis, both sexes, illustr.]; Papp, 1984: 94 [Palaearctic catalog].

Paralimosina (Canarisina) beckeri. - Roháček, 1983e: 58-59 [subgeneric combination, redescription, both sexes, phylogenetic notes]; Roháček, 1983f: 203, 213-214 [illustr.].

Aptilotus beckeri. - Marshall, 1983c: 1910 [generic combination].

Aptilotus besucheti (Papp, 1981). **Distr.:** Oriental: India (West Bengal).

Minocellina besucheti Papp, 1981: 382 [both sexes, illustr.]. Type locality: India, W. Bengal, Darjeeling distr., Tonglu [3,100 m]. HT male (MHNG).

Aptilotus besucheti. - Marshall & Smith, 1990: 2338 [generic combination].

Aptilotus binotatus Marshall in Marshall & Smith, 1990. **Distr.:** Oriental: Nepal.

Aptilotus binotatus Marshall in Marshall & Smith, 1990: 2340 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, between Ghopte and Thare Pati [3,200 m]. HT male (CNCI).

Aptilotus borealis Malloch, 1913. **Distr.:** Nearctic: Canada (BC), USA (AK, CA).

Aptilotus borealis Malloch, 1913a: 361 [female]. Type locality: USA, Alaska, Farragut Bay. HT female (USNM). - Spuler, 1924c: 70 [diagnosis]; Marshall, 1983c: 1914-1917 [redescription, both sexes, illustr.].

Leptocera (Americaptilotus) borealis. - Richards, 1951a: 845 [generic combination].

Leptocera (Limosina) borealis. - Richards, 1965c: 723 [subgeneric combination, Nearctic catalog].

Aptilotus politus. - Coquillett, 1900a: 464 [misidentification].

Aptilotus carbonicolor (Richards, 1959). **Distr.:** Afrotropical: Ethiopia.

Leptocera (Limosina) carbonicolor Richards, 1959: 182 [both sexes, illustr.]. Type locality: Ethiopia, Simien, Arghine [above 11,000 ft]. HT male (BMNH). - Richards, 1980: 619 [Afrotropical catalog].

Aptilotus carbonicolor. - Marshall & Smith, 1990: 2338, 2341 [generic combination, redescription, phylogenetic notes, illustr.].

Aptilotus concavus (Spuler, 1925). **Distr.:** Nearctic: Canada (BC), USA (CA, ID).

Leptocera (Scotophilella) concava Spuler, 1925c: 83 [female, illustr.]. Type locality: USA, California, Stanford University. HT female [USNM].

Leptocera (Limosina) concava. - Richards, 1965c: 723 [subgeneric combination, Nearctic catalog].

Aptilotus concavus. - Marshall, 1983c: 1918 [generic combination, redescription, both sexes, illustr.].

Aptilotus concava. - Poole & Gentili, 1996: 246 [incorrect name termination].

Aptilotus cruciatus Marshall, 1983. **Distr.:** Nearctic: Canada (BC); USA (AZ, CA).

Aptilotus cruciatus Marshall, 1983c: 1920 [both sexes, illustr.]. Type locality: USA, California, Marin Co., Lily Pond, Alpine [1,500 ft]. HT male (CNCI). - Marshall & Smith, 1990: 2343 [biological notes].

Aptilotus franzi (Papp & Roháček, 1981). **Distr.:** Palaearctic: Canary Is. - Tenerife (Spain).

Paralimosina franzi Papp & Roháček, 1981: 146 [both sexes, phylogenetic notes, illustr.]. Type locality: Canary Is., Tenerife, "Anagageb.". HT male (HFM). - Roháček & Papp, 1983a: 150 [male genitalia, illustr.].

Aptilotus franzi. - Marshall, 1983c: 1910 [generic combination].

Aptilotus glabrifrons Marshall in Marshall & Smith, 1990. **Distr.:** Oriental: Nepal.

Aptilotus glabrifrons Marshall in Marshall & Smith, 1990: 2343 [male, phylogenetic notes, illustr.]. Type locality: Nepal, between Ghopte and Thare Pati [3,200 m]. HT male (CNCI).

Aptilotus gomerensis (Papp & Roháček, 1981). **Distr.:** Palaearctic: Canary Is. - La Gomera (Spain).

Paralimosina gomerensis Papp & Roháček, 1981: 144 [both sexes, phylogenetic notes, illustr.]. Type locality: Canary Is., La Gomera, El Cedro. HT male (HFM).

Aptilotus gomerensis. - Marshall, 1983c: 1910 [generic combination].

Aptilotus longinervis Hayashi, 1989. **Distr.:** Palaearctic: Japan.

Aptilotus longinervis Hayashi, 1989b: 303 [both sexes, illustr.]. Type locality: Japan, Saitama, Iruma-gun, Moroyama. HT male (ITLJ).

Aptilotus luctuosus (Spuler, 1925). **Distr.:** Nearctic: Canada (BC, YT); USA (AK, CA, ID, OR, WA, WY).

Leptocera (Scotophilella) luctuosa Spuler, 1925c: 157 [both sexes, illustr.]. Type locality: USA, Washington, Pullman. HT female (USNM).

Leptocera (Limosina) luctuosa. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Aptilotus luctuosus. - Marshall, 1983c: 1920-1923 [generic combination, redescription, illustr.]; Marshall & Smith, 1990: 2343 [wing variability].

Aptilotus luctuosa. - Poole & Gentili, 1996: 247 [incorrect name termination].

Aptilotus luteoscapus Marshall, 1983. **Distr.:** Nearctic: USA (AZ, NM).

Aptilotus luteoscapus Marshall, 1983c: 1918 [both sexes, illustr.]. Type locality: USA, New Mexico, Lincoln Co., Gallinas Peak, 10 mi W Corona [8,600 ft]. HT male (CNCI).

Aptilotus martini Wheeler & Marshall, 1989. **Distr.:** Palaearctic: Canary Is. - La Palma (Spain).

Aptilotus martini Wheeler & Marshall, 1989: 611 [both sexes, phylogenetic notes, illustr.]. Type locality: Canary Is., La Palma, Cueva El Diablo. HT male (CNCI).

Aptilotus nigrimera Marshall, 1997. **Distr.:** Neotropical: Costa Rica.

Aptilotus nigrimera Marshall, 1997f: 507 [both sexes, phylogenetic notes, habitat, key, illustr.]. Type locality: Costa Rica, Cartago Province, km 89 Highway 2, Cerro de la Muerte. HT male (INBC).

Aptilotus nigriphallus Marshall in Marshall & Smith, 1990. **Distr.:** Nearctic: Canada (ON, QC), USA (GA, IL, NC, NH).

Aptilotus nigriphallus Marshall in Marshall & Smith, 1990: 2343 [male, description of female based on misidentified specimen of *Nearcticorpus canadense* Roháček & Marshall, 1982; phylogenetic notes, illustr.]. Type locality: Canada, Ontario, 3 km S Orwell, Springwater Woods Conservation Area. HT male (DEBU).

Aptilotus nigriscapus Marshall, 1983. **Distr.:** Nearctic: Canada (AB); USA (CO, NM, OR, WY).

Aptilotus nigriscapus Marshall, 1983c: 1918 [both sexes, illustr.]. Type locality: USA, New Mexico, Santa Fe Co., 14 mi NE Santa Fe [9,600 ft]. HT male (CNCI); Marshall & Smith, 1990: 2345 [biological notes].

Aptilotus nigritiba Marshall, 1997. **Distr.:** Neotropical: Costa Rica.

Aptilotus nigritiba Marshall, 1997f: 507 [both sexes, phylogenetic notes, habitat, key, illustr.]. Type locality: Costa Rica, Cartago Province, km 89 Highway 2, Cerro de la Muerte. HT male (INBC).

Aptilotus paradoxus Mik, 1898. **Distr.:** Palaearctic: Austria, Bosnia, Czech Republic, Germany, Hungary, Poland, Roumania, Slovakia, Yugoslavia (Serbia).

Aptilotus paradoxus Mik, 1898: 208 [both sexes, illustr.]. Type locality: Roumania, "Hermanstadt". HT male (NHMW). - Duda, 1938: 24-25 [redescription]; Hackman, 1969a: 203 [male genitalia, illustr.]; Marshall, 1983c: 1911, 1919 [phylogenetic notes, illustr.]; Papp, 1984: 86 [Palaearctic catalog].

Aptilotus roubali Vimmer, 1929a: 64 [female, illustr.]. Type locality: Slovakia, Nízke Tatry [Mts.]. HT female [examined by Richards (1951a) but apparently lost on return; not found in NMPC]. - Richards 1951a: 847 [synonymy].

Aptilotus parvipennis (Spuler, 1924). **Distr.:** Nearctic: Canada (BC); USA (AK, CA, NV).

Leptocera (Pteremis) parvipennis Spuler, 1924a: 132 [female]. Type locality: USA, Alaska, Kukak Bay. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog].

Aptilotus parvipennis. - Marshall, 1983c: 1913 [generic combination, redescription, both sexes, illustr.].

Aptilotus pilifemoratus (Papp & Roháček, 1981). **Distr.:** Palaearctic: Canary Is. - Tenerife (Spain).

Paralimosina pilifemorata Papp & Roháček, 1981: 150 [both sexes, phylogenetic notes, illustr.]. Type locality: Canary Is., Tenerife, "Anagageb.". HT male (HFM).

Aptilotus pilifemorata. - Marshall, 1983c: 1910 [generic combination].

Aptilotus pilifemoratus. - Roháček & Papp, 1988: 142 [correct species name].

Aptilotus pilifemorata. - Marshall, 1983c: 1911 [misspelling].

Aptilotus pogophallus Marshall in Marshall & Smith, 1990. **Distr.:** Nearctic: Canada (AB, NS), USA (AK, NH).

Aptilotus pogophallus Marshall in Marshall & Smith, 1990: 2345 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Nova Scotia, Cape Breton Highland National Park, North Mountain [400 m]. HT male (CNCI).

Aptilotus politus (Williston, 1893). **Distr.:** Nearctic: Canada (BC), USA (CA, CO, OR, UT).

Apterina polita Williston, 1893: 259 [female]. Type locality: USA, California, Panamint Valley. ST female (only a single leg preserved; SEMC).

?*Aptilotus politus*. - Mik, 1900: 71-72 [probable generic combination].

Aptilotus politus. - Malloch, 1913a: 362 [generic combination]; Marshall, 1983c: 1917-1918 [redescription, both sexes, phylogenetic notes, illustr.].

Leptocera (Americaptilotus) politus. - Richards, 1951a: 846 [generic combination].

Leptocera (Limosina) polita. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Aptilotus pulex (Richards, 1967). **Distr.:** Nearctic: USA (NC).

Carolinaptera pulex Richards, 1967a: 373 [both sexes, illustr.]. Type locality: USA, North Carolina, Swain Co., Great Smoky Mountain National Park. HT male (CNCI).

Aptilotus pulex. - Marshall, 1983c: 1913 [generic combination, redescription, both sexes, illustr.].

Aptilotus rufiscapus Marshall in Marshall & Smith, 1990. **Distr.:** Oriental: Nepal.

Aptilotus rufiscapus Marshall in Marshall & Smith, 1990: 2348 [male, phylogenetic notes, illustr.]. Type locality: Nepal, between Ghopte and Thare Pati [3,200 m]. HT male (CNCI).

Aptilotus spatulatus Marshall, 1983. **Distr.:** Nearctic: Canada (AB, SK, YT), USA (AK, NH, NM, VT).

Aptilotus spatulatus Marshall, 1983c: 1914 [both sexes, illustr.]. Type locality: USA New Mexico, Santa Fe Co., 14 mi NE of Santa Fe, [9,600 ft]. HT male (CNCI).

Aptilotus spinistylus Marshall in Marshall & Smith, 1990. **Distr.:** Oriental: Nepal.

Aptilotus spinistylus Marshall in Marshall & Smith, 1990: 2350 [male, phylogenetic notes, illustr.]. Type locality: between Ghopte and Thare Pati [3,200 m]. HT male (CNCI).

Aptilotus thaii (Papp, 1989). **Distr.:** Oriental: Thailand.

Minocellina thaii Papp, 1989a: 106 [both sexes, illustr.]. Type locality: Thailand, Doi Inthanon [2,500 m]. HT male (MHNG).

Aptilotus thaii. - Marshall & Smith, 1990: 2338 [generic combination].

Aptilotus zumbadoi Marshall, 1997. **Distr.:** Neotropical: Costa Rica.

Aptilotus zumbadoi Marshall, 1997f: 510 [both sexes, phylogenetic notes, habitat, key, illustr.]. Type locality: Costa Rica, Cartago Province, km 89 Highway 2, Cerro de la Muerte. HT male (INBC).

Genus *Archicroptera* Papp, 1977

Archicroptera Papp, 1977c: 382 (feminine). Type species: *Archicroptera mahunkai* Papp, 1977, original designation. - Papp, 1977c: 382-384 [diagnosis, taxonomic notes, key].

Archicroptera mahunkai Papp, 1977. **Distr.:** Neotropical: Paraguay.

Archicroptera mahunkai Papp, 1977c: 382 [male]. Type locality: Paraguay, Puerto Presidente Stroessner. HT male (HNHM).

Note: The species is probably conspecific with *A. venezolana* (Richards, 1963).

Archicroptera venezolana (Richards, 1963). **Distr.:** Neotropical: Venezuela.

Ceroptera venezolana Richards, 1963d: 232 [(printer's error); both sexes]. Type locality: Venezuela, Guanace, Estado Portuguesa. HT male (CASC).

Ceroptera venezolana. - Richards, 1967b: 7 [justified emendation, Neotropical catalog].

Archicroptera venezolana. - Papp, 1977c: 382 [generic combination].

Genus *Archicollinella* Duda, 1925

- Archicollinella* Duda, 1925: 64 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Archicollinella) caerulea* Duda, 1925, subsequent designation by Richards, 1930: 268. - Hackman, 1969a: 204 [as synonym of *Opacifrons* Duda, 1918]; Richards, 1967b: 10 [as subgenus of *Leptocera*; Neotropical catalog]; Wheeler & Marshall, 1991: 934-944 [as genus; redescription, revision, nomenclatural & phylogenetic notes, key, illustr.]; Roháček, 1998a: 485 [as genus; diagnosis in key, illustr.].
- Archicolinella*. - Richards, 1931: 62 [misspelling].
- Schnuseella* Duda, 1925: 64 (feminine) [nomen nudum; as subgenus of *Leptocera* Olivier, 1813]. - Wheeler & Marshall, 1991: 934 [synonymy].

***Archicollinella caerulea* (Duda, 1925). Distr.:** Neotropical: Chile, Peru.

- Leptocera (Archicollinella) caerulea* Duda, 1925: 65 [both sexes, illustr.]. Type locality: Chile, Antofagasta. LT male, designated by Wheeler & Marshall, 1991: 937 (SMTD).
- Archicollinella caerulea*. - Wheeler & Marshall, 1991: 936-938 [generic combination, redescription, illustr.].
- Leptocera (Archicolinella) coerulea*. - Richards, 1931: 62 [misspelling]; Richards, 1967b: 10 [Neotropical catalog].
- Leptocera (Limosina) phycophila* Richards, 1963d: 241 [both sexes, illustr.]. Type locality: Chile, Santiago, El Tabo. HT male (BMNH). - Richards, 1967b: 15 [Neotropical catalog]; Wheeler & Marshall, 1991: 936 [synonymy]; Marshall & Smith, 1992: 4 [synonymy].
- Kimosina phycophila*. - Roháček, 1983e: 116 [generic combination].

***Archicollinella dolichoptera* (Richards, 1963). Distr.:** Neotropical: Chile, Peru.

- Leptocera (Limosina) dolichoptera* Richards, 1963d: 240 [both sexes, illustr.]. Type locality: Peru, Lima, NW Caneto. HT male (CASC). - Richards, 1967b: 14 [Neotropical catalog].
- Kimosina dolichoptera*. - Roháček, 1983e: 116 [generic combination].
- Archicollinella dolichoptera*. - Wheeler & Marshall, 1991: 937-940 [generic combination, redescription, illustr.].

***Archicollinella penteseta* (Richards, 1929). Distr.:** Palaearctic: Great Britain

- Leptocera (Thoracochaeta) penteseta* Richards, 1929: 174 [female]. Type locality: England, Scilly Islands, Corregan. HT female (BMNH).
- Limosina (Thoracochaeta) penteseta*. - Duda, 1938: 99 [generic combination].
- Thoracochaeta penteseta*. - Papp, 1984: 85 [generic combination; Palaearctic catalog].
- Archicollinella penteseta*. - Wheeler & Marshall, 1991: 939-943 [generic combination, redescription, both sexes, illustr.].

Genus *Archileptocera* Duda, 1920

- Archileptocera* Duda, 1920b: 436 (feminine). Type species: *Archileptocera (Lamprosomella) luteonigripes* Duda, 1920, subsequent designation by Richards, 1930: 266. - Richards, 1967b: 6 [as subgenus; Neotropical catalog]; Hackman, 1969a: 201, 207 [phylogenetic notes, biogeography]; Marshall, 1998: 173-177, 191-196 [reclassification, redescription, phylogeny, key, illustr.].

Lamprosomella Duda, 1920b: 437 (feminine) [as subgenus of *Archileptocera* Duda, 1920]. Type species: *Archileptocera (Lamprosomella) luteonigripes* Duda, 1920, monotypy. - Richards, 1930: 267 [synonymy].

Archileptocera lutea Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Archileptocera lutea Marshall, 1998: 192 [both sexes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza road [4,000 m]. HT male (CNCI).

Archileptocera luteonigripes Duda, 1920. **Distr.:** Neotropical: Peru.

Archileptocera (Lamprosomella) luteonigripes Duda, 1930: 437 [both sexes, illustr.]. Type locality: Peru, Cuzco. LT male, designated by Marshall, 1998: 194 (SMTD).

Archileptocera (Archileptocera) luteonigripes. - Richards, 1967b: 6 [subgeneric combination, Neotropical catalog].

Archileptocera luteonigripes. - Marshall, 1998: 194 [diagnosis, key].

Archileptocera nigra Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Archileptocera nigra Marshall, 1998: 195 [both sexes, illustr.] Type locality: Ecuador, Napo, Quito-Baeza road [4,000 m]. HT male (CNCI).

Genus *Bentrovata* Richards, 1973

Bentrovata Richards, 1973: 384 (feminine). Type species: *Bentrovata regalis* Richards, 1973, original designation. - Richards, 1973: 394-396 [diagnosis, taxonomic notes]; Marshall, 1989b: 602 [unnecessary introduction of new generic status; Australasian/Oceanian catalog].

Bentrovata regalis Richards, 1973. **Distr.:** Australasian/Oceanian: Australia (WA).

Bentrovata regalis Richards, 1973: 395 [both sexes, illustr.]. Type locality: Australia, Western Australia, Perth, Kings Park. HT female (ANIC). - Marshall, 1989b: 602 [unnecessary new generic combination; Australasian/Oceanian catalog].

Genus *Biroina* Richards, 1973

Biroina Richards, 1973: 330 (feminine) [as subgenus of *Leptocera* Olivier, 1813; nom. n. for *Biroella* Duda, 1925]. Type species: *Limosina myrmecophila* Knab & Malloch, 1912, automatic. - Richards, 1973: 330-352 [redescription, revision of Australian species, key, illustr.]; Marshall, 1989b: 602 [as genus; Australasian/Oceanian catalog]; Papp, 1995a: 540-552 [as genus; diagnosis, revision of Oriental species, key, illustr.].

Biroella Duda, 1925: 74 (feminine) [as subgenus of *Leptocera* Olivier, 1813; a junior homonym of *Biroella* Bolívar, 1903 (Saltatoria: Eumastacidae)]. Type species: *Limosina myrmecophila* Knab & Malloch, 1912, monotypy. - Duda, 1938: 23 [as subgenus of *Limosina* Macquart, 1835]; Hackman, 1969a: 207 [as genus; biogeography]; Richards, 1973: 330 [homonymy].

Biròella. - Duda, 1925: 76 [incorrect original spelling].

Biroina brevior (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) brevior Richards, 1973: 339 [male]. Type locality: Australia, New South Wales, Otford. HT male (ANIC).

Biroina brevior. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina burckhardti Papp, 1995. **Distr.:** Oriental: Thailand.

Biroina burckhardti Papp, 1995a: 541 [male, phylogenetic notes, illustr.]. Type locality: Thailand, Chang Mai, Doi Suthep [1,400 m]. HT male (MHNG).

Biroina capitalis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW).

Leptocera (Biroina) capitalis Richards, 1973: 343 [both sexes, illustr.]. Type locality: Australia, New South Wales, Boro, 10 miles S of L. Bathurst. HT male (ANIC).

Biroina capitalis. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina dodo (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (TAS).

Leptocera (Biroina) dodo Richards, 1973: 348 [both sexes, illustr.]. Type locality: Australia, Tasmania, 15 mi N of Waratah, Hellyer Gorge. HT male (QMBA).

Biroina dodo. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina dorrignonis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW, QLD).

Leptocera (Biroina) dorrignonis Richards, 1973: 333 [both sexes, illustr.]. Type locality: Australia, New South Wales, Dorrigo National Park. HT male (AMSA).

Biroina dorrignonis. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina fenestrata (Richards, 1973) **comb.n.** **Distr.:** Australasian/Oceanian: Australia (NSW, QLD).

Leptocera (Limosina) fenestrata Richards, 1973: 379 [both sexes]. Type locality: Australia, Queensland, Binna Burra, Lamington National Park. HT female (AMSA). - Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Note: Generic placement tentative and in need of confirmation.

Biroina fuscalis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) fuscalis Richards, 1973: 338 [female]. Type locality: Australia, New South Wales, Katoomba. HT female (AMSA).

Biroina fuscalis. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina hardyina (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) hardyina Richards, 1973: 347 [both sexes, illustr.]. Type locality: Australia, New South Wales, Blue Mountains, Mt. Wilson. HT male (AMSA).

Biroina hardyana. - Marshall, 1989b: 602 [generic combination, misspelling; Australasian/Oceanian catalog].

Biroina myersi (Richards, 1973). **Distr.:** Australasian/Oceanian: New Zealand.

Leptocera (Biroina) myersi Richards, 1973: 349 [female]. Type locality: New Zealand, Day's Bridge. HT female (BMNH).

Biroina meyersi. - Marshall, 1989b: 602 [generic combination, misspelling; Australasian/Oceanian catalog].

Biroina myrmecophila (Knab & Malloch, 1912). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, QLD, VIC).

Limosina myrmecophila Knab & Malloch, 1912a: 236 [male; misidentified as female in original description]. Type locality: Australia, New South Wales, Otford. HT male (USNM).

Leptocera (Biróella) myrmecophila. - Duda, 1925: 76 [generic combination, redescription, both sexes, illustr.].

Leptocera (Biroina) myrmecophila. - Richards, 1973: 330 [subgeneric combination, redescription, illustr.].

Biroina myrmecophila. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog]; Papp, 1995a: 543-546 [redescription, both sexes, terminalia, illustr.].

Biroina nitidipleura (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) nitidipleura Richards, 1973: 336 [both sexes, illustr.]. Type locality: Australia, New South Wales, National Park. (AMSA).

Biroina nitidipleura. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina orientalis Papp, 1995. **Distr.:** Oriental: India (Uttaranchal), Nepal, Pakistan.

Biroina orientalis Papp, 1995a: 545 [both sexes, phylogenetic notes, illustr.]. Type locality: India, Uttaranchal (formerly Uttar Pradesh), Kumaon, Chaubattia. HT male (MHNG).

Biroina percostata (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) percostata Richards, 1973: 342 [both sexes, illustr.]. Type locality: Australia, New South Wales, Monga. HT male (ANIC).

Biroina percostata. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina subsinuata (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, QLD).

Leptocera (Biroina) subsinuata Richards, 1973: 331 [both sexes, illustr.]. Type locality: Australia, Australian Capital Territory, Black Mountain. HT male (ANIC).

Biroina subsinuata. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina symmetrica (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) symmetrica Richards, 1973: 335 [male]. Type locality: Australia, New South Wales, Clyde Mountain. HT male (ANIC).

Biroina symmetrica. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina topali Papp, 1995. **Distr.:** Oriental: India (Orissa).

Biroina topali Papp, 1995a: 549 [male, phylogenetic notes, illustr.]. Type locality: India, Orissa, Daitari [600-700 m]. HT male (HNHM).

Biroina trivittata (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW, QLD).

Leptocera (Biroina) trivittata Richards, 1973: 340 [both sexes, illustr.]. Type locality: Australia, New South Wales, Otford. HT male (AMSA).

Biroina trivittata. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina vernalis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) vernalis Richards, 1973: 346 [male]. Type locality: Australia New South Wales, Dorrigo National Park. HT male (ANIC).

Biroina vernalis. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Biroina wilsoni (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Biroina) wilsoni Richards, 1973: 343 [both sexes, illustr.]. Type locality: Australia, New South Wales, Blue Mountains, Mt. Wilson. HT male (AMSA).

Biroina wilsoni. - Marshall, 1989b: 602 [generic combination; Australasian/Oceanian catalog].

Genus *Bitheca* Marshall, 1987

Bitheca Marshall, 1987c: 357 (feminine). Type species: *Bitheca agarica* Marshall, 1987, original designation. - Marshall, 1987c: 356-380 [diagnosis, revision, key, phylogeny, illustr.]

Bitheca agarica Marshall, 1987. **Distr.:** Nearctic: USA (AZ, FL, GA, LA, TX); Neotropical: Costa Rica, Ecuador, Guatemala, Mexico (CHI), Panama.

Bitheca agarica Marshall, 1987c: 358 [both sexes, puparium, illustr.]. Type locality: USA, Florida, Marion Co., Ocala National Forest, Silver Springs Woods. HT male (CNCI).

Bitheca boleta Marshall, 1987. **Distr.:** Nearctic: Canada (ON), USA (FL, GA, OK).

Bitheca boleta Marshall, 1987c: 360 [both sexes, illustr.]. Type locality: Canada, Ontario, Guelph, University of Guelph Arboretum. HT male (CNCI).

Bitheca caballa Marshall, 1987. **Distr.:** Nearctic: USA (MA, TN).

Bitheca caballa Marshall, 1987c: 362 [male, illustr.]. Type locality: USA, Tennessee, Cumberland Co., 2 mi E Ozone. HT male (CNCI).

Bitheca dispar Marshall, 1987. **Distr.:** Neotropical: Mexico (CHI).

Bitheca dispar Marshall, 1987c: 362 [female, illustr.]. Type locality: Mexico, Chiapas, 20 mi N Bochil Yerba Buena [6,500 ft]. HT female (CNCI).

Bitheca ejuncida Marshall, 1987. **Distr.:** Neotropical: Mexico (CHI).

Bitheca ejuncida Marshall, 1987c: 364 [male, illustr.]. Type locality: Mexico, Chiapas, 10 mi SE San Cristóbal de las Casas [7,900 ft]. HT male (CNCI).

Bitheca fundata Marshall, 1987. **Distr.:** Nearctic: USA (AZ); Neotropical: Mexico (NUL, OXA, SLP, VRC).

Bitheca fundata Marshall, 1987c: 365 [both sexes, illustr.]. Type locality: USA, Arizona, Cochise Co., Portal, South Western Research Station, Chiricahua Mts. HT male (CNCI).

Bitheca grossa Marshall, 1987. **Distr.:** Neotropical: Belize, Mexico (CAM).

Bitheca grossa Marshall, 1987c: 365 [both sexes, illustr.]. Type locality: Mexico, Campeche, Chicanna, 10 km W Xbuzi [300 m]. HT male (CNCI).

Bitheca horrida Marshall, 1987. **Distr.:** Neotropical: Mexico (CHI).

Bitheca horrida Marshall, 1987c: 367 [both sexes, illustr.]. Type locality: Mexico, Chiapas, San Cristóbal de Las Casas [7,087 ft]. HT male (CNCI).

Bitheca involuta Marshall, 1987. **Distr.:** Neotropical: Ecuador.

Bitheca involuta Marshall, 1987c: 368 [male, illustr.]. Type locality: Ecuador, Pichincha, 47 km Sto. Domingo, Rio Palenque Biological Station. HT male (CNCI).

Bitheca jubilata Marshall, 1987. **Distr.:** Neotropical: Costa Rica, Ecuador, Mexico (CHI, TAB).

Bitheca jubilata Marshall, 1987c: 368 [both sexes, illustr.]. Type locality: Mexico, Chiapas, Palenque [100 m]. HT male (CNCI).

Bitheca kappa Marshall, 1987. **Distr.:** Neotropical: Costa Rica, Ecuador.

Bitheca kappa Marshall, 1987c: 370 [both sexes, illustr.]. Type locality: Ecuador, Esmeraldas, 11 km SE San Lorenzo, La Chiquita [5 m]. HT male (CNCI).

Bitheca lambda Marshall, 1987. **Distr.:** Neotropical: Colombia, Costa Rica, Mexico (OXA).

Bitheca lambda Marshall, 1987c: 371 [both sexes, illustr.]. Type locality: Mexico, Oaxaca, 12 mi S Valle Nacional [3,200 ft]. HT male (CNCI).

Bitheca masoni (Marshall, 1985). **Distr.:** Neotropical: Mexico (SIN).

Minilimosina (Svarciella) masoni Marshall, 1985b: 25 [female, illustr.]. Type locality: Mexico, Sinaloa, 20 mi E Concordia [3,000 ft]. HT female (CNCI).

Bitheca masoni. - Marshall, 1987c: 371 [generic combination, redescription, female].

Bitheca steyskali (Deeming, 1980). **Distr.:** Nearctic: USA (FL, WV).

Leptocera (Pterogramma) steyskali Deeming, 1980: 499 [both sexes, illustr.]. Type locality: USA, West Virginia, Harper Co., Lost River National Park. HT male (USNM).

Bitheca steyskali. - Marshall 1987c: 372-373 [generic combination, redescription, illustr.].

Bitheca xanthocephala (Spuler, 1925) **comb.n.** **Distr.:** Neotropical: Costa Rica.

Leptocera (Scotophilella) xanthocephala Spuler, 1925c: 82 [both sexes, illustr.]. Type locality: Costa Rica, Cartago, La Suiza de Turrialba. HT male (USNM).

Genus *Bromeloecia* Spuler, 1924

Bromeloecia Spuler, 1924d: 375 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Limosina bromeliarum* Knab & Malloch, 1912, original designation. - Spuler, 1925a: 119 [repeated description]; Richards, 1965c: 723 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 13 [as subgenus of *Leptocera*; Neotropical catalog]; Hackman, 1969a: 208 [as genus; biogeography]; Marshall, 1983a: 32-35, [as genus, revision of Nearctic species, phylogenetic notes, key, illustr.]; Marshall & Richards, 1987: 999 [as genus; diagnosis in key].

Bromoloecia. - Richards, 1930: 267 [misspelling, as subgenus of *Leptocera*].

Bromeloecia bromeliarum (Knab & Malloch, 1912). **Distr.:** Neotropical: Costa Rica, Mexico (VRC).

Limosina bromeliarum Knab & Malloch, 1912b: 414 [both sexes]. Type locality: Mexico, Córdoba. STs, both sexes (USNM).

Leptocera (Limosina) bromeliarum. - Malloch, 1914a: 16 [generic combination, biology].

Leptocera (Bromeloecia) bromeliarum. - Spuler, 1924d: 375 [subgeneric combination]; Richards, 1967b: 13 [Neotropical catalog].

Bromeloecia bromeliarum. - Marshall, 1983a: 32 [generic combination].

Bromeloecia seltzeri Marshall, 1983. **Distr.:** Nearctic: Canada (NB), USA (MA, TN).

Bromeloecia seltzeri Marshall, 1983a: 33 [both sexes, illustr.]. Type locality: USA, Massachusetts, Medford. HT male (CNCI).

Bromeloecia tarsiglossa Marshall, 1983. **Distr.:** Nearctic: USA (AZ).

Bromeloecia tarsiglossa Marshall, 1983a: 34 [both sexes, illustr.]. Type locality: USA, Arizona, Cochise Co., Huachuca Mts., Sunnyside Canyon [5600 ft]. HT male (CNCI).

Bromeloecia winnemana (Malloch, 1925). **Distr.:** Nearctic: USA (MD, MN, NJ, TN).

Leptocera winnemana Malloch, 1925b: 97 [both sexes]. Type locality: USA, Maryland, Plummers Island. HT male (USNM).

Leptocera (Bromeloecia) winnemana. - Richards, 1965c: 723 [subgeneric combination; Nearctic catalog].

Bromeloecia winnemana. - Marshall, 1983:a 34 [generic combination, diagnosis, illustr.].

Genus *Ceroptera* Macquart, 1835

- Ceroptera* Macquart, 1835: 564 (feminine). Type species: *Borborus rufitarsis* Meigen, 1830, monotypy. - Rondani, 1880: 17 [diagnosis]; Duda, 1925: 9, 73, 132-143 [as subgenus of *Leptocera* Olivier, 1813; diagnosis, review of species, key]; Duda, 1938: 64 [as genus, review of Palaearctic species, key]; Vanschuytbroeck, 1959b: 42-46 [diagnosis, key to Afrotropical species]; Hackman, 1965a: 489-491 [as subgenus of *Ceroptera* s. str., key]; Hackman, 1969a: 199-201, 208 [phylogenetic notes, biogeography]; Hackman, 1977: 400 [Oriental catalog]; Papp, 1977c: 384 [diagnosis in a key to genera]; Richards, 1980: 615 [Afrotropical catalog]; Papp, 1984: 80 [Palaearctic catalog]; Marshall & Richards, 1987: 1000 [diagnosis in key]; Roháček, 1998a: 477 [diagnosis in key, illustr.].
- Pseudosphaerocera* Strobl, 1902: 506 (feminine). Type species: *Pseudosphaerocera luteipennis* Strobl [= *Ceroptera rufitarsis* (Meigen, 1830)], monotypy. - Hackman, 1969a: 201, 208 [phylogenetic notes, biogeography]; Papp, 1977c: 384 [synonymy].
- Trichocypsela* Villeneuve, 1916: 37 (feminine). Type species: *Limosina sacra* Meigen, 1838, original designation. - Duda, 1918: 31 [as subgenus of *Limosina* Macquart, 1835; key]; Duda, 1925: 132 [synonymy].
- Trychocypsela*. - Vanschuytbroeck, 1951a: 10 [misspelling].
- Note:** The genus *Ceroptera* is in an urgent need of a thorough revision; several species listed as valid below are probably conspecific (cf. Papp, 1977c: 380) or misinterpreted in compiled keys.

Ceroptera aharonii Duda, 1938. **Distr.:** Palaearctic: Israel.

Ceroptera Aharonii Duda, 1938: 64 [both sexes]. Type locality: Israel, Rehoboth nr. Jaffa. STs, both sexes (SMNS).

Ceroptera aharonii. - Papp, 1984: 80 [Palaearctic catalog].

Ceroptera (Ceroptera) aharoni. - Hackman, 1965a: 490 [key, misspelling].

Ceroptera algira (Villeneuve, 1916). **Distr.:** Palaearctic: Algeria, Egypt, Israel, Tunisia.

Trichocypsela algira Villeneuve, 1916: 38 [both sexes?]. Type locality: Algeria, Oran, Aïn-Séfra. LT female, designated by Roháček, 2001: 469 (MNHN).

Limosina (Trichocypsela) algira. - Duda, 1918: 238 [generic combination, illustr.].

Leptocera (Ceroptera) algira. - Duda, 1925: 135 [generic combination].

Ceroptera algira. - Duda, 1938: 65 [generic combination, diagnosis]; Papp, 1977c: 372 [diagnosis, illustr.]; Vanschuytbroeck, 1945: 4, 11 [key, taxonomic notes]; Papp, 1984: 80 [Palaearctic catalog].

Limosina sacra. - Collin, 1910b: 278 [misidentification, illustr.].

Ceroptera alluaudi (Villeneuve, 1917). **Distr.:** Afrotropical: Sudan, ?Zaire; Palaearctic: Israel, Libya.

Trichocypsela Alluaudi Villeneuve, 1917a: 139 [both sexes]. Type locality: Sudan, Khartoum env. LT female, designated by Roháček, 2001: 469 (MNHN).

Leptocera (Ceroptera) Alluaudi. - Duda, 1925: 134 [generic combination].

Ceroptera Alluaudi. - Duda, 1938: 65 [generic combination, diagnosis]; Vanschuytbroeck, 1945: 4 [key].

Ceroptera (Ceroptera) alluaudi. - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera (Ceroptera) allouadi. - Hackman, 1965a: 490 [misspelling].

Ceroptera alluaudi. - Papp, 1984: 80 [Palaearctic catalog].

***Ceroptera brincki* Hackman, 1965. Distr.:** Afrotropical: South Africa.

Ceroptera (Ceroptera) brincki Hackman, 1965a: 492 [both sexes, phylogenetic notes, illustr.]. Type locality: South Africa, Kalahari Gemsbok Park. HT male (MZLU). - Richards, 1980: 615 [Afrotropical catalog].

***Ceroptera catharsii* Richards, 1953. Distr.:** Afrotropical: Nigeria.

Ceroptera (Ceroptera) catharsii Richards, 1953: 7 [female, taxonomic notes, illustr.]. Type locality: Nigeria, Umudike. HT female (BMNH). - Hackman, 1965a: 491 [key]; Richards, 1980: 615 [Afrotropical catalog].

Ceroptera catharsi. - Vanschuytbroeck, 1962a: 469 [misspelling].

***Ceroptera crispa* (Duda, 1925). Distr.:** Afrotropical: Cameroon, Ethiopia, Malawi, South Africa, Zaire, Zimbabwe.

Leptocera (Ceroptera) crispa Duda, 1925: 140 [both sexes, illustr.]. Type locality: Ethiopia, Dire-Daua. LT male, designated by Papp, 1977c: 373 (HNHM).

Ceroptera crispa. - Vanschuytbroeck, 1945: 5 [generic combination; diagnosis, illustr.]; Richards, 1953: 6 [illustr.]; Papp, 1977c: 373-374 [redescription].

Ceroptera (Ceroptera) crispa. - Hackman, 1965a: 491 [key]; Richards, 1980: 615 [Afrotropical catalog].

***Ceroptera ealensis* Vanschuytbroeck, 1951. Distr.:** Afrotropical: Zaire.

Ceroptera ealensis Vanschuytbroeck, 1951a: 11 [both sexes]. Type locality: Zaire, Eala. HT male (ISNB).

Ceroptera (Ceroptera) ealensis. - Hackman, 1965a: 491 [key]; Richards, 1980: 615 [Afrotropical catalog].

Ceroptera (Ceroptera) calensis. - Richards, 1953: 8 (misspelling).

***Ceroptera equitans* (Collin, 1910). Distr.:** Afrotropical: all records doubtful; Oriental: India (Orissa), Sri Lanka.

Limosina equitans Collin, 1910b: 277 [both sexes, illustr.]. Type localities: Ceylon, Trincomali and Yala. STs, both sexes (BMNH).

Leptocera (Ceroptera) equitans. - Duda, 1925: 134 [generic combination].

Ceroptera equitans. - Duda, 1938: 64 [generic combination, key]; Hackman, 1965a: 490 [key]; Hackman, 1977: 400 [Oriental catalog]; Papp, 1977c: 374-375 [redescription, illustr.].

Ceroptera (Ceroptera) equitans. - Hackman, 1965a: 490 [key].

***Ceroptera femorata* Hackman, 1965. Distr.:** Afrotropical: South Africa.

Ceroptera (Ceroptera) femorata Hackman, 1965: 491 [male, illustr.]. Type locality: South Africa, Cape Prov., Bainskloof, E of Wellington [2,000 ft]. HT male (NMSA). - Richards, 1980: 615 [Afrotropical catalog].

***Ceroptera flava* Vanschuytbroeck, 1959. Distr.:** Afrotropical: Zaire.

Ceroptera flava Vanschuytbroeck, 1959a: 80 [female]. Type locality: Zaire, Parc national de la Garamba. HT female (MRAC). - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera (Ceroptera) flava. - Richards, 1980: 615 [Afrotropical catalog].

***Ceroptera ghanensis* Papp, 1977. Distr.:** Afrotropical: Ghana.

Ceroptera ghanensis Papp, 1977c: 375 [both sexes, taxonomic notes, illustr.]. Type locality: Ghana, Nakpanduri (HNHM).

***Ceroptera ghesquierei* Vanschuytbroeck, 1951. Distr.:** Afrotropical: Zaire.

Ceroptera ghesquierei Vanschuytbroeck, 1951a: 13 [female, illustr.]. Type locality: Zaire, Rutshuru. HT female (ISNB).

Ceroptera (Ceroptera) ghesquierei. - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera intermedia Hackman, 1965. **Distr.:** Afrotropical: South Africa.

Ceroptera (Ceroptera) intermedia Hackman, 1965a: 494 [both sexes, illustr.]. Type locality: South Africa, Cape Prov., Kakamas. HT male (MZLU). - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera lacteipennis (Villeneuve, 1916). **Distr.:** Afrotropical: Senegal, Zaire.

Trichocypsela lacteipennis Villeneuve, 1916: 40 [both sexes ?]. Type locality: Senegal, Sa Kal. LT male, designated by Roháček, 2001: 470 (MNHN).

Leptocera (Ceroptera) lacteipennis. - Duda, 1925: 139 [generic combination].

Ceroptera lacteipennis. - Vanschuytbroeck, 1945: 4, 11 [generic combination, key].

Ceroptera (Ceroptera) lacteipennis. - Hackman, 1965a: 490 [key]; Richards, 1980: 615 [Afrotropical catalog].

Ceroptera longicauda Marshall in Marshall & Montagnes, 1988. **Distr.:** Nearctic: USA (FL).

Ceroptera longicauda Marshall in Marshall & Montagnes, 1988: 189 [both sexes, phylogenetic notes, biology, illustr.]. Type locality: USA, Florida, Levy Co., west of Archer. HT male (CNCI).

Ceroptera longiseta (Villeneuve, 1916). **Distr.:** Afrotropical: Congo, Zaire.

Trichocypsela longiseta Villeneuve, 1916: 38 [female]. Type locality: Congo, Brazzaville. HT female (MNHN, see Roháček, 2001: 470).

Leptocera (Ceroptera) longiseta. - Duda, 1925: 140 [generic combination].

Ceroptera longiseta. - Vanschuytbroeck, 1945: 4, 12 [generic combination, key].

Ceroptera (Ceroptera) longiseta. - Hackman, 1965a: 491 [key]; Richards, 1980: 615 [Afrotropical catalog].

Ceroptera nasuta (Villeneuve, 1916). **Distr.:** Afrotropical: Congo, Tanzania, Zaire.

Trichocypsela nasuta Villeneuve, 1916: 39 [female]. Type locality: Congo, Brazzaville. LT female, designated by Roháček, 2001: 470 (MNHN).

Leptocera (Ceroptera) nasuta. - Duda, 1925: 140 [generic combination].

Ceroptera nasuta. - Vanschuytbroeck, 1945: 4, 6-7 [generic combination, key, illustr.].

Ceroptera (Ceroptera) nasuta. - Hackman, 1965a: 491 [key]; Papp, 1977c: 376-377 [taxonomic notes]; Richards, 1980: 615 [Afrotropical catalog].

Ceroptera ndelelensis Vanschuytbroeck, 1959. **Distr.:** Afrotropical: Zaire.

Ceroptera ndelelensis Vanschuytbroeck, 1959a: 81 [both sexes, illustr.]. Type locality: Zaire, Parc national de la Garamba, Ndelele. HT (MRAC).

Ceroptera (Ceroptera) ndelelensis. - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera pelengensis Vanschuytbroeck, 1959. **Distr.:** Afrotropical: Zaire.

Ceroptera pelengensis Vanschuytbroeck, 1959b: 45 [male, illustr.]. Type locality: Zaire, Parc national de l'Upemba, Lusinga, "galerie riv. Lusinga". HT male (MRAC). - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera (Ceroptera) pelengensis. - Richards, 1980: 615 [Afrotropical catalog].

Ceroptera rubicornis (Duda, 1918). **Distr.:** Palaearctic: Afghanistan, Tadjikistan, Turkestan.

Limosina (Trichocypsela) rubicornis Duda, 1918: 96 [both sexes]. Type locality: Turkestan, Ilysk. LT male, designated by Papp, 1977c: 377 (HNHM).

Leptocera (Ceroptera) rubicornis. - Duda, 1925: 135-138 [generic combination, redescription].

Ceroptera rubicornis. - Duda, 1938: 66 [generic combination, redescription]; Papp, 1977c: 377-378 [redescription, illustr.]; Papp, 1984: 80 [Palaearctic catalog].

Ceroptera (Ceroptera) rubicornis. - Hackman, 1965a: 490 [key].

- Ceroptera rudebecki*** Hackman, 1965. **Distr.:** Afrotropical: South Africa.
Ceroptera (Ceroptera) rudebecki Hackman, 1965a: 496 [both sexes, illustr.]. Type locality: South Africa, Cape Prov., Obobogorop. HT male (MZLU). - Richards, 1980: 615 [Afrotropical catalog].
- Ceroptera rufitarsis*** (Meigen, 1830). **Distr.:** Afrotropical: ?Niger; Palaearctic: Afghanistan, Armenia, ?Belgium, France, Greece, ?Italy (Sicily), Morocco, Portugal, Spain, Syria, Tunisia.
Borborus rufitarsis Meigen, 1830: 199 [sex not stated]. Type locality: Portugal. STs, sex unknown (? MNHN). - Morge, 1976: Pl. 269, Figs 9a,b [Meigen's original illustr.].
Ceroptera rufitarsis. - Duda, 1938: 66 [generic combination, redescription, illustr.]; Papp, 1977c: 378-379 [redescription]; Papp, 1984: 80 [Palaearctic catalog].
Ceroptera (Ceroptera) rufitarsis. - Richards, 1980: 615 [Afrotropical catalog].
Ceroptera rufitarsis. - Vanschuytbroeck, 1951a: 14 [misspelling].
Ceroptera rufitarsi. - Vanschuytbroeck, 1959b: 43 [misspelling, key].
Limosina sacra Meigen, 1838: 409 [sex not stated]. Type locality: Spain, "Andalusien". STs, sex unknown (?MNHN). - Duda, 1925: 135 [synonymy].
Limosina (Trichocypsela) sacra - Duda, 1918: 94-97 [subgeneric combination, redescription, illustr.].
Leptocera (Ceroptera) sacra. - Duda, 1925: 133, 135 [generic combination, key, synonymy].
Borborus sacer. - Morge, 1976: Pl. 289, Figs 8a-c [Meigen's original illustr.].
Pseudosphaerocera luteipennis Strobl, 1902: 506 [female]. Type locality: Greece, Pentelikon. HT female (NMBA). - Papp, 1977c: 384 [synonymy].
Limosina picta Becker in Becker & Stein, 1913: 94 [female, illustr.]. Type locality: Morocco, Tanger. HT female (ZISP). - Duda, 1918: 97 [synonymy].
- Ceroptera setigera*** Vanschuytbroeck, 1945. **Distr.:** Afrotropical: Ghana, Nigeria, Zaire.
Ceroptera setigera Vanschuytbroeck, 1945: 6 [male, illustr.]. Type locality: Zaire, Elisabethville. HT male (ISNB). - Papp, 1977c: 379-380 [redescription, taxonomic notes, variability].
Ceroptera (Ceroptera) setigera. - Hackman, 1965a: 491 [key]; Richards, 1980: 615 [Afrotropical catalog].
- Ceroptera sivinskii*** Marshall, 1983. **Distr.:** Nearctic: USA (AL, FL, MA, MS).
Ceroptera sivinskii Marshall, 1983b: 139 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Florida, Alachua Co. HT male (CNCI). - Sivinski, 1983: 419-426 [biology & behaviour]; Marshall & Montagnes, 1988: 192 [variability].
- Ceroptera ungulata*** Hackman, 1965. **Distr.:** Afrotropical: South Africa.
Ceroptera (Ceroptera) ungulata Hackman, 1965a: 494 [both sexes, illustr.]. Type locality: South Africa, Cape Prov., Kleinmond. HT male (MZLU). - Richards, 1980: 615 [Afrotropical catalog].

Genus *Ceropterella* Richards, 1953

- Ceropterella* Richards, 1953: 5 (feminine) [as subgenus of *Ceroptera* Macquart, 1835]. Type species: *Ceroptera (Ceropterella) nitidosa* Richards, 1953, original designation. - Vanschuytbroeck, 1962a: 469 [as genus, list]; Hackman, 1965a: 490 [as subgenus of *Ceroptera* Macquart, 1835, key]; Papp, 1977c: 380, 384 [as genus, diagnosis in key]; Richards, 1980: 615 [as subgenus of *Ceroptera*; Afrotropical catalog].

Ceropterella nitidosa (Richards, 1953). **Distr.:** Afrotropical: Congo, Mozambique, South Africa.

Ceroptera (*Ceropterella*) *nitidosa* Richards, 1953: 5 [both sexes, illustr.]. Type locality: Mozambique, Maputo. HT female (BMNH). - Richards, 1980: 615 [Afrotropical catalog].

Ceropterella nitidosa. - Vanschuytbroeck, 1962a: 469 [generic combination].

Ceropterella nitidiosa. - Papp, 1977c: 380-382 [misspelling, redescription, illustr.].

Genus *Chaetopodella* Duda, 1920

Chaetopodella Duda, 1920: 435 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina scutellaris* Haliday, 1836, monotypy. - Duda, 1925: 75, 144 [as subgenus of *Leptocera* Olivier, 1813; diagnosis, key, review of species]; Richards, 1930: 290 [as subgenus of *Leptocera*; diagnosis]; Duda, 1938: 24, 95 [as subgenus of *Limosina*; key, taxonomic notes]; Richards, 1967b: 11 [as subgenus of *Leptocera*, partim; Neotropical catalog]; Hackman, 1969a: 203-204, 208 [as genus; phylogenetic notes, biogeography]; Richards, 1980: 618 [as subgenus of *Leptocera*; Afrotropical catalog]; Roháček, 1982c: 223-224 [as genus; phylogeny]; Roháček, 1983e: 112-114 [as genus; diagnosis, Palaearctic species, phylogenetic notes]; Papp, 1984: 87 [as genus; Palaearctic catalog]; Roháček, 1985a: 129, 131-132 [as genus; illustr.]; Roháček, 1998a: 483 [as genus; diagnosis in key, illustr.].

Chaetopodella albocincta (Richards, 1964). **Distr.:** Australasian/Oceanian: Solomon Is., Vanuatu.

Leptocera (*Chaetopodella*) *albocincta* Richards, 1964a: 615 [both sexes]. Type locality: Solomon Is., Guadalcanal, Tenaru R. HT male (CASC).

Chaetopodella albocincta. - Roháček, 1983e: 114 [generic combination].

Chaetopodella cursoni (Richards, 1939). **Distr.:** Afrotropical: South Africa.

Leptocera (*Chaetopodella*) *cursoni* Richards, 1939: 69 [both sexes]. Type locality: South Africa, Zululand, Nagana Res. Lab. HT female (BMNH). - Richards, 1980: 618 [Afrotropical catalog].

Chaetopodella cursoni. - Roháček, 1983e: 114 [generic combination].

Chaetopodella denigrata (Duda, 1925). **Distr.:** Afrotropical: Tanzania, Zaire.

Leptocera (*Chaetopodella*) *denigrata* Duda, 1925: 146 [both sexes]. Type locality: Tanzania, Katona, "Kilima Njaro". STs (HNHM). - Richards, 1980: 618 [Afrotropical catalog].

Limosina (*Chaetopodella*) *denigrata*. - Vanschuytbroeck, 1950a: 32-33 [generic combination, diagnosis].

Acuminiseta denigrata. - Vanschuytbroeck, 1970: 266 [generic combination].

Chaetopodella denigrata. - Roháček, 1983e: 114 [generic combination].

Chaetopodella impermissa (Richards, 1980) **comb.n.** **Distr.:** Afrotropical: Zaire.

Leptocera (*Chaetopodella*) *impermissa* Richards, 1980: 618 [nom.n. for *Limosina* (*Chaetopodella*) *congoensis* Vanschuytbroeck, 1950; Afrotropical catalog]. Type locality: Zaire, W. Ruwenzori, Kalonge.

Limosina (*Chaetopodella*) *congoensis* Vanschuytbroeck, 1950a: 33 [a primary junior homonym of *Limosina* (*Collinellula*) *congoensis* Vanschuytbroeck, 1950; both sexes]. Type locality: Zaire, W. Ruwenzori, Kalonge. HT male (MRAC). - Richards, 1980: 618 [synonymy, homonymy].

Acuminiseta congoensis. - Vanschuytbroeck, 1970: 266 [generic combination].

Chaetopodella congoensis. - Roháček, 1983e: 114 [generic combination].

Chaetopodella lesnei (Séguy, 1933). **Distr.:** Afrotropical: Mozambique.

Leptocera lesnei Séguy, 1933: 46 [female]. Type locality: Mozambique, Zambézia, bas Sangadzé, Pindiriri. ST(s) female(s) (?MNHN).

Leptocera (*Chaetopodella*) *lesnei*. - Richards, 1964a: 616 [subgeneric combination].

Leptocera (unplaced) *lesnei*. - Richards, 1980: 622 [Afrotropical catalog].

Chaetopodella lesnei. - Roháček, 1983e: 114 [generic combination].

Chaetopodella scutellaris (Haliday, 1836). **Distr.:** Afrotropical: Ethiopia, ?Tanzania, ?Zaire; Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Ireland, Italy, Japan, Kazakhstan, Latvia, Macedonia, Netherlands, North Korea, Norway, Poland, Roumania, Russia (FE, NET, SET, WS), Slovakia, Spain, Sweden, Switzerland, Yugoslavia.

Limosina scutellaris Haliday, 1836: 329 [both sexes]. Type localities: North of Ireland; England, nr. London. STs, both sexes (NMID).

Limosina (*Scotophilella*) *scutellaris*. - Duda, 1918: 181 [subgeneric combination, redescription, illustr.].

Leptocera (*Chaetopodella*) *scutellaris*. - Duda, 1925: 147 [generic combination]; Richards, 1980: 618 [Afrotropical catalog].

Limosina (*Chaetopodella*) *scutellaris*. - Duda, 1938: 95 [redescription].

Scotophilella scutellaris. - Hammer, 1941: 261-262 [generic combination, egg, illustr.].

Chaetopodella scutellaris. - Schumann, 1962: 422-423, 441-442 [generic combination, larva, illustr.]; Papp, 1973c: 63 [key]; Roháček, 1982c: 230, 236 [larval morphology, head of adult, illustr.]; Roháček, 1983e: 114-115 [redescription, phylogenetic notes, biology]; Papp, 1984: 87 [Palaearctic catalog]; Roháček, 1985a: 129, 131-132 [illustr.]; Lachmann, 1990b: 163-168 [behaviour, illustr.]; Lachmann, 1991: 198-206 [biology, preimaginal stages, illustr.].

Limosina flavofasciata Stenhammar, 1855: 407 [nomen nudum]. - Roháček, 1983e: 114 [synonymy].

Chaetopodella tonsa (Duda, 1925). **Distr.:** Neotropical: Costa Rica.

Leptocera (*Chaetopodella*) *tonsa* Duda, 1925: 148 [both sexes]. Type locality: Costa Rica, Suiza de Turrialba. STs (HNHM). - Richards, 1967b: 11 [Neotropical catalog].

Chaetopodella tonsa. - Roháček, 1983e: 114 [generic combination].

Leptocera (*Chaetopodella*) *regularis*. - Duda, 1925: 147 [misidentification].

Note: The species belongs to an undescribed genus (cf. Marshall, 2001: 282) but is retained in *Chaetopodella* pending further study.

Genus *Chespiritos* Marshall, 2000

Chespiritos Marshall, 2000a: 609 (masculine). Type species: *Chespiritos sindecimus* Marshall, 2000, original designation. - Marshall, 2000a: 609-612 [diagnosis, phylogenetic notes, illustr.].

Chespiritos sindecimus Marshall, 2000. **Distr.:** Neotropical: Costa Rica.

Chespiritos sindecimus Marshall, 2000a: 609 [both sexes, illustr.]. Type locality: Costa Rica, Cartago, Río Macho, La Esperanza, El Guarco, 8 km from km 61 Interamerican Highway [2,400 m]. HT male (INBC).

Genus *Coproica* Rondani, 1861

Coproica Rondani, 1861: 10 (feminine) [nom.n. for *Heteroptera* Macquart, 1835]. Type species: *Limosina acutangula* Zetterstedt, 1847, subsequent designation by ICZN, 1996: 136. - Richards, 1960c: 199-208 [as subgenus of *Leptocera* Olivier, 1813; diagnosis, review of species, key]; Richards, 1965c: 725 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 16 [as subgenus of *Leptocera*; Neotropical catalog]. Hackman, 1969a: 202, 207 [as genus; phylogenetic notes, biogeography]; Papp, 1973c: 24-30 [as genus; diagnosis, key to Hungarian species, illustr.]; Hackman, 1977: 400 [as genus; Oriental catalog]; Richards, 1980: 618 [as subgenus of *Leptocera*; Afrotropical catalog]; Papp, 1984: 80-82 [as genus; Palearctic catalog]; Papp & Roháček, 1987: 105-107 [as genus; key to Mediterranean species]; Marshall & Richards, 1987: 999 [as genus, diagnosis in key, illustr.]; Marshall, 1989b: 603 [as genus; Australasian/ Oceanian catalog]; Hayashi, 1991c: 235-236 [as genus; key to species from Pakistan]; Hayashi, 1995a: 229-232 [as genus; key to Japanese species, illustr.]; Roháček, 1998a: 477 [diagnosis in key, illustr.].

Heteroptera Macquart, 1835: 570 (feminine) [a junior homonym of *Heteroptera* Rafinesque, 1814 and *Heteroptera* Latreille, 1817, Hemiptera, cf. Richards, 1960c: 199]. Type species: *Copromyza pusilla* auct. nec Fallén, 1820 [= *Coproica acutangula* (Zetterstedt, 1847)], monotypy. - Haliday, 1836: 334 [diagnosis]; Rondani, 1856: 124 [recognition of type species]; Rondani, 1861: 10 [homonymy]; Richards, 1930: 306-308 [as subgenus of *Leptocera*; diagnosis, review of British species].

Coprophila Duda, 1918: 45 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Borborus vagans* Haliday, 1833, subsequent designation by Spuler, 1925a: 123. - Duda, 1918: 45-47 [as subgenus of *Limosina*; diagnosis, key]; Spuler, 1924d: 377 [as subgenus of *Leptocera* Olivier, 1813]; Spuler, 1925a: 122-124 [as subgenus of *Leptocera*; diagnosis, key]; Richards, 1930: 266 [synonymy]; Duda, 1938: 161-168 [as subgenus of *Limosina*; review of Palearctic species, key].

Coproica acutangula (Zetterstedt, 1847). **Distr.:** Afrotropical: Zaire; Australasian/ Oceanian: Hawaii (USA); Nearctic: Canada (AB, AT, BC, MB, ON, QC), USA (AK, AZ, CA, CO, FL, GA, ID, IN, NJ, MD, MN, NM, OH, OK, OR, PA, TN, TX, UT, VA, WA, WI, WY); Neotropical: Bermuda, Colombia, Dominican Republic, Guatemala, Jamaica, Mexico (BCS, CHU, COA, DUR, JAL, MEX, MOR, NAY, VRC), Puerto Rico, Venezuela; Oriental: Pakistan, Taiwan; Palearctic: Afghanistan, Algeria, Andorra, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Georgia, Great Britain, Hungary, Italy, Japan, Kazakhstan, Kirghistan, Latvia, Madeira (Portugal), Macedonia, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (CET, FE, NET, SET, WS), Slovakia, Spain, Sweden, Switzerland, Tadjikistan, Uzbekistan, Yugoslavia.

Limosina acutangula Zetterstedt, 1847: 2499 [male]. Type locality: Sweden, Paradislyckan nr. Lund. ST male (MZLU, cf. Kim, 1972a: 208).

- Coproica acutangula*. - Rondani, 1880: 42 [generic combination, male, diagnosis]; Papp, 1973c: 27 [key, illustr.]; Papp, 1984: 81 [Palaeartic catalog]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Lachmann, 1996: 759-768 [morphology, male & female genitalia, copulation, illustr.].
- Limosina (Coprophila) acutangula*. - Duda, 1938: 162-163 [subgeneric combination, redescription, illustr.].
- Leptocera (Coproica) acutangula*. - Richards, 1960c: 205 [generic combination, diagnosis, illustr.]; Richards, 1965c: 725 [Nearctic catalog]; Tenorio, 1968: 196, 199-200 [diagnosis, male genitalia, illustr.]; Richards, 1980: 618 [Afrotropical catalog].
- Coprophila acutangula*. - Schumann, 1961: 298-299 [generic combination, egg, illustr.]; Schumann, 1962: 422, 440 [larva, illustr.]; Hinton, 1981: 747 [egg, illustr.].
- Limosina (Coprophila) acutangulata*. - Vanschuytbroeck, 1942: 11 [misspelling, list].
- Borborus pusillus*. - Meigen, 1830: 296 [misidentification, nec *Copromyza pusilla* Fallén, 1820]; Morge, 1976: Pl. 163, Figs 12a,b [Meigen's original illustr.].
- Heteroptera pusilla*. - Macquart, 1835: 570 [generic combination].
- Limosina (Coprophila) pusilla*. - Duda, 1918: 206-208 [generic combination, redescription, illustr.]; 1938: 162-163 [redescription].
- Leptocera (Coprophila) pusilla*. - Duda, 1925: 205 [generic combination].
- Leptocera (Heteroptera) pusilla*. - Richards, 1930: 306 [subgeneric combination].
- Coprophila pusilla*. - Hammer, 1941: 250-251 [generic combination, egg, illustr.].
- Coproica cacti* (Richards, 1960). Distr.:** Nearctic: USA (AZ, CA); Neotropical: Mexico (BCN).
- Leptocera (Coproica) cacti* Richards, 1960c: 203 [both sexes, illustr.]. Type locality: USA, Arizona, Maricopa Co., 2.2 mi NE Morristown. HT male (USNM). - Richards, 1965c: 725 [Nearctic catalog]; Richards, 1967b: 16 [Neotropical catalog].
- Coproica cacti*. - Papp, 1979a: 104 [generic combination].
- Coproica coreana* Papp, 1979. Distr.:** Oriental: China (HKG), Taiwan, Pakistan; Palaeartic: Japan, North Korea, South Korea.
- Coproica coreana* Papp, 1979a: 98 [both sexes, phylogenetic notes, illustr.]. Type locality: North Korea, Prov. South Pyongan, Changlyong san, 50 km N of Pyongyang and 15 km E from Sa-gam. HT male (HNHM). - Papp, 1984: 81 [Palaeartic catalog]; Hayashi, 1986a: 117, 119 [key, illustr.].
- Coproica dentata* Papp, 1973. Distr.:** Palaeartic: Mongolia.
- Coproica dentata* Papp, 1973a: 381 [both sexes, phylogenetic notes, illustr.]. Type locality: Mongolia, Archangaj aimak, "Ih-Tamir" [= Ichtamir]. HT male (HNHM). - Papp, 1984: 81 [Palaeartic catalog].
- Note:** All records of this species from Hungary are based on misidentified *C. pappi* Carles-Tolrá, 1990 (cf. Papp, 1999: 536).
- Coproica digitata* (Duda, 1918). Distr.:** Oriental: Pakistan; Palaeartic: Afghanistan, Bulgaria, Canary Is. (Spain), Egypt, France, Hungary, Israel, Kirghizstan, Macedonia, Roumania, Slovakia, Slovenia, Spain (incl. Balearic Is.), Tunisia, Turkstan, Uzbekistan, Yugoslavia.
- Limosina (Coprophila) digitata* Duda, 1918: 209 [male, illustr.]. Type locality: Yugoslavia, Novi. LT male, designated by Papp, 1979a: 100 (HNHM). - Duda, 1938: 163-164 [male, redescription, illustr.].
- Leptocera (Coprophila) digitata*. - Duda, 1925: 205 [generic combination].
- Leptocera digitata*. - Hafez, 1939: 327-331 [preimaginal stages, life history, illustr.].
- Leptocera (Coproica) digitata*. - Richards, 1960c: 206 [subgeneric combination, diagnosis, both sexes, key].

Coproica digitata. - Papp, 1973c: 27 [generic combination, key, illustr.]; Papp, 1984: 81 [Palearctic catalog].

Coproica ferruginata (Stenhammar, 1855). **Distr.:** Afrotropical: Congo, Ethiopia, Ghana, Nigeria, Seychelles, South Africa, Tanzania, Togo, Zaire; Australasian/Oceanian: Australia (ACT, NSW, NT, QLD), Fiji, Guam (USA), Hawaii (USA), New Zealand, Niue, Samoa, Tonga; Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC), USA (AR, CA, DC, GA, IA, ID, IL, KS, KY, MA, MD, MI, MN, MT, ND, NE, NH, NM, NY, OH, PA, SC, SD, TN, WA, WI, WV); Neotropical: Argentina, Bahamas, Bermuda, Bolivia, Brazil, Chile, Colombia, Costa Rica, Jamaica, Honduras, Mexico (CHI, NAY), St. Kitts, Surinam; Oriental: China (HKG, XZ), India (Uttaranchal), Indonesia (Flores, Sumbawa), Pakistan, Sri Lanka, Taiwan; Palaeartic: Afghanistan, Algeria, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), China (BEI, TIB), Cyprus, Czech Republic, Denmark, Egypt, Finland, France (incl. Corsica), Germany, Great Britain, Greece (incl. Crete), Hungary, Italy, Israel, Japan, Latvia, Madeira (Portugal), Malta, Mongolia, Netherlands, North Korea, Norway, Poland, Roumania, Russia (CET, NET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan, Tunisia, Yugoslavia (Serbia).

Limosina ferruginata Stenhammar, 1855: 397 [both sexes]. Type localities: Sweden, "in Ostrogothia ad Håradshammar, Grebo et urbem Lincopiam haud parce", "in Scania ad urgem Lund et prope Kullen". LT female, designated by Gapasin & Kim, 1972: 1248 (UZIU) [no specimen of type series is labelled and, therefore, no definite type locality can be selected on the basis of lectotype].

Limosina (Coprochila) ferruginata. - Duda, 1918: 215-219 [subgeneric combination, redescription, illustr.]; Duda, 1938: 164 [redescription, illustr.].

Leptocera (Coprochila) ferruginata. - Duda, 1925: 205 [generic combination].

Leptocera (Heteroptera) ferruginata. - Richards, 1930: 307 [subgeneric combination].

Coprochila ferruginata. - Vanschuytbroeck, 1951b: 19 [generic combination].

Limosina (Coproica) ferruginata. - Frey, 1936: 109 [subgeneric combination].

Leptocera (Coproica) ferruginata. - Hardy, 1952: 462 [subgeneric combination]; Richards, 1960c: 295 [diagnosis, key]; Richards, 1965c: 725 [Nearctic catalog]; Richards, 1967b: 16 [Neotropical catalog]; Tenorio, 1968: 196, 200 [diagnosis, male genitalia, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Coproica ferruginata. - Frey, 1945: 80 [generic combination]; Papp, 1973c: 26 [key, illustr.]; Hackman, 1977: 400 [Oriental catalog]; Papp, 1984: 81 [Palearctic catalog]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Lachmann, 1996: 759-768 [morphology, male & female genitalia, copulation, illustr.].

Leptocera ferruginata. - Gapasin & Kim, 1972: 1248-1250 [redescription, illustr.].

Borborus illotus Williston, 1896a: 434 [female, illustr.]. Type locality: West Indies, St. Vincent I. ST(s) female(s) (BMNH ?). - Collin, 1912: 101 [synonymy].

Limosina illota. - Coquillett, 1900b: 269 [generic combination].

Leptocera (Leptocera) illota. - Spuler, 1924b: 115 [generic combination].

Leptocera (Coprochila) illota. - Duda, 1925: 208 [subgeneric combination].

Coproica ghanensis Papp, 1979. **Distr.:** Afrotropical: Ghana.

Coproica ghanensis Papp, 1979a: 101 [female, taxonomic notes, illustr.]. Type locality: Ghana, Nakpanduri. HT female (HNHM).

Coproica hirticula Collin, 1956. **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, QLD), New Zealand; Nearctic: Canada (AB, BC, NB, ON), USA (AK, AZ, CA,

FL, IN, MA, MI, MN, MO, NM, NC, OK, SC, TN, UT, WY); Neotropical: Argentina, Barbados, Brazil, Colombia, Guatemala, Jamaica, Mexico (HID); Oriental: China (HKG), Taiwan; Palaearctic: Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Germany, Great Britain, Greece (Crete), Finland, Hungary, Italy, Israel, Japan, Malta, Norway, Poland, Roumania, Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland.

Coproica hirticula Collin, 1956: 178 [both sexes]. Type locality: England, Cambs., Kirtling. STs (OXUM, see Pont 1995: 80). - Papp, 1973c: 30 [diagnosis, key, illustr.]; Papp, 1984: 82 [Palaearctic catalog]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Lachmann, 1996: 759-768 [morphology, male & female genitalia, copulation, illustr.].

Leptocera (Coproica) hirticula. - Richards, 1960c: 202, 207 [generic combination, key].

***Coproica hirtula* (Rondani, 1880). Distr.:** Afrotropical: Congo, Ethiopia, Ghana, Kenya, Madagascar, Nigeria, Seychelles, Yemen, Zaire; Australasian/ Oceanian: Bonin Is. (Japan), Guam (USA), Hawaii (USA), Kiribati (Onotoa Atoll), Marshall Is., Micronesia (Kapingamarangi Atoll, Satawal I., Yap Is.), New Zealand, Northern Mariana Is. (Saipan), Papua New Guinea, Palau, Pitcairn Is.; Nearctic: Canada (AB, BC, NB, ON, QC), USA (AR, AZ, FL, IA, ID, IL, KS, MA, MI, MN, NE, NJ, NM, NY, OR, PA, UT, WA, WY); Neotropical: Chile (other records: Argentina, Bermuda, Bolivia, Galápagos Is. and Mexico are misidentifications of *C. rufifrons*); Oriental: China (HKG), India, Malaysia, Nepal, Pakistan, Sri Lanka, Taiwan, Vietnam; Palaearctic: Afghanistan, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Egypt, Finland, Germany, Great Britain, Greece (Thíra), Hungary, Italy, Israel, Japan, Latvia, Madeira (Portugal), Malta, Netherlands, North Korea, Norway, Poland, Roumania, Russia (CET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tunisia, Uzbekistan, Yugoslavia (Serbia); South Atlantic: Saint Helena.

Limosina hirtula Rondani, 1880: 40 [sex not stated]. Type locality: Italy, nr. Parma. STs, sex unknown (MZUF).

Limosina (Coprochila) hirtula. - Duda, 1918: 222-225 [subgeneric combination, redescription, both sexes, illustr.]; Duda, 1938: 164-165 [redescription, illustr.].

Leptocera (Coprochila) hirtula. - Duda, 1925: 206 [generic combination].

Leptocera (Heteroptera) hirtula. - Richards, 1930: 308 [subgeneric combination].

Coprochila hirtula. - Vanschuytbroeck, 1951b: 20 [generic combination].

Limosina (Coproica) hirtula. - Richards, 1952a: 431 [subgeneric combination].

Leptocera (Coproica) hirtula. - Harrison, 1959: 261 [subgeneric combination, diagnosis]; Richards, 1960c: 202, 206-297 [key, taxonomic notes]; Richards, 1965c: 725 [Nearctic catalog]; Richards, 1967b: 16 [Neotropical catalog]; Tenorio, 1968: 196, 200-201 [diagnosis, male genitalia, illustr.]; Okely, 1974: 55-56 [puparium, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Coproica hirtula. - Frey, 1945: 80 [generic combination]; Papp, 1973c: 28 [key, illustr.]; Hackman, 1977: 400 [Oriental catalog]; Papp, 1984: 82 [Palaearctic catalog]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Kobayashi et al., 1990: 111 [bacterial flora on adults].

Limosina exigua Adams, 1904: 454 [a primary junior homonym of *Limosina exigua* Rondani, 1880 = *Minilimosina fungicola* (Haliday, 1836); both sexes]. Type locality: USA,

New Mexico, Las Cruces. STs, both sexes (? SEMC). - Spuler, 1925a: 123 [homonymy]; Richards, 1960c: 206 [synonymy].

Limosina (Coprophila) hirtula var. *crinita* Duda, 1918: 224 [both sexes]. Type locality: Germany, Usedom. STs (?ZMHB). - Papp, 1984: 82 [synonymy].

Coprophila hirtula var. *crinita*. - Vanschuytbroeck, 1951b: 20 [generic combination].

Leptocera (Coproica) hirtula var. *crinita*. - Richards, 1960c: 207 [taxonomic notes].

Leptocera (Coprophila) exiguella Spuler, 1925: 123 [nom.n. for *Limosina exigua* Adams, 1904]. Type locality: USA, New Mexico, Las Cruces. - Richards, 1960c: 206 [synonymy].

Coproica hirtuloidea (Duda, 1925). **Distr.:** Neotropical: Bolivia, Peru.

Leptocera (Coprophila) hirtuloidea Duda, 1925: 206 [both sexes]. Type locality: Peru, Cuzco [3,200-4,000 m]; Bolivia, Mapiri, Lorenzopata. STs (SMTD).

Leptocera (Coproica) hirtuloidea. - Richards, 1960c: 206 [subgeneric combination]; Richards, 1967b: 16 [Neotropical catalog].

Coproica hirtuloidea. - Papp, 1979a: 102 [generic combination].

Coproica insulaepasqualis Enderlein, 1938. **Distr.:** Australasian/Oceanian: Easter I. (= Isla de Pascua).

Coprophila ferruginata var. *insulaepasqualis* Enderlein, 1938: 678 [sex not given, illustr.]. Type locality: "Oster-Insel" (= Easter Island). STs, sex unknown (?NHRS).

Coprophila insulaepasqualis. - Enderlein, 1938: 678 [incorrect original spelling].

Coproica insulaepasqualis. - Marshall, 1989b: 603 [generic combination, Australasian/Oceanian catalog].

Coproica lugubris (Haliday, 1835). **Distr.:** Australasian/Oceanian: Papua New Guinea; Oriental: China (HKG), India (Uttar Pradesh), Pakistan, Taiwan; Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France (incl. Corsica), Germany, Great Britain, Greece (Crete), Hungary, Israel, Italy (incl. Pantelleria I., Sardinia), Japan, Kazakhstan, Kirghizstan, Latvia, Lithuania, Macedonia, Netherlands, North Korea, Norway, Poland, Roumania, Russia (CET, FE, NET, SET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan, Tunisia, Yugoslavia (Serbia).

Limosina lugubris Haliday, 1836: 332 [both sexes]. Type locality: not given (probably Ireland). STs (NMID). - Laurence 1955a: 189 [biology, preimaginal stages, illustr.].

Limosina (Coprophila) lugubris. - Duda, 1918: 219-222 [subgeneric combination, redescription, taxonomic notes, illustr.]; 1938: 165-166 [redescription].1

Leptocera (Coprophila) lugubris. - Duda, 1925: 205 [generic combination].

Leptocera (Heteroptera) lugubris. - Richards, 1930: 307 [subgeneric combination].

Leptocera (Coproica) lugubris. - Richards, 1960c: 202, 207 [subgeneric combination, key].

Coprophila lugubris. - Hammer, 1941: 250-251 [generic combination, egg, illustr.]; Schumann, 1961: 298-299 [egg, illustr.]; Schumann, 1962: 421-422, 438-440 [larva, illustr.]; Hinton, 1981: 747 [egg, illustr.].

Coproica lugubris. - Papp, 1971c: 434 [generic combination]; Papp, 1973c: 28 [key, illustr.]; Papp, 1984: 82 [Palaearctic catalog]; Lachmann, 1990: 163-168 [behaviour, illustr.]; Lachmann, 1991: 198-206 [biology, preimaginal stages, illustr.]; Lachmann, 1996: 759-768 [morphology, male & female genitalia, copulation, illustr.].

Limosina Stenhammari Zetterstedt, 1860: 6400 [both sexes]. Type locality: Sweden, nr. Illstorp. LT male, designated by Roháček, 1977c: 177 (MZLU). - Roháček, 1977c: 177 [synonymy].

Limosina Thalhammeri Strobl, 1898: 276 [both sexes]. Type localities: Austria, Admont; Hungary, Kalocsa. STs [probably NMBA]. - Duda, 1918: 219 [synonymy].

Limosina monfalconensis Strobl, 1909: 300 [male]. Type locality: Italy, Monfalcone. ST male [probably NMBA]. - Duda, 1918: 219 [synonymy].

Limosina (Coprophila) lugubris var. *cilicrus* Duda, 1938: 166 [? male]. Type locality: Russia (SET), Kuban, "Anlegestelle Tiberdii", "Asgen-Bach". HT, ? male (ZISP). - **syn.n.** (see p. 22).

Coproica mitchelli (Malloch, 1913). **Distr.:** Nearctic: Canada (AB, BC, ON), USA (AR, AZ, CA, FL, ID, KY, MN, MT, ND, NM, OK, OR, PA, SD, TX, UT, WA, WY); Neotropical: Costa Rica, Mexico (COA, JAL).

Leptocera mitchelli Malloch, 1913c: 135 [both sexes]. Type locality: USA, Texas, Victoria. HT male (USNM).

Leptocera (Coprophila) mitchelli. - Spuler, 1925a: 124 [subgeneric combination].

Leptocera (Coproica) mitchelli. - Richards, 1965c: 725 [subgeneric combination, Nearctic catalog]; Richards, 1967b: 16 [Neotropical catalog].

Coproica mitchelli. - Papp, 1979a: 194 [generic combination].

Coproica pappi Carles-Tolrá, 1990. **Distr.:** Palaearctic: Hungary, Spain.

Coproica pappi Carles-Tolrá, 1990a: 35 [both sexes, phylogenetic notes, illustr.]. Type locality: Spain, Province Gerona, Mieres. HT male (CTB).

Coproica dentata. - Papp, 1973a: 382 [misidentification of Hungarian specimens, see Papp, 1999: 536].

Coproica pusio (Zetterstedt, 1847). **Distr.:** Afrotropical: all records are doubtful; Oriental: Pakistan; Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, Germany, Great Britain, Hungary, Japan, Italy, Latvia, Norway, Mongolia, Russia (NET, ES, SET), Slovakia, Spain, Sweden, Switzerland, Yugoslavia (Serbia).

Limosina pusio Zetterstedt, 1847: 2496 [female]. Type locality: Sweden, Esperöd. LT male, designated by Roháček, 1983e: 159 (MZLU).

Coproica pusio. - Roháček, 1983e: 159 [generic combination]; Papp, 1984: 82 [Palaearctic catalog].

Limosina (Coprophila) pseudolugubris Duda, 1924b: 179 [both sexes]. Type locality: Hungary, Gyón. LT female, designated by Papp, 1979a: 103 (HNHM). - Roháček, 1983e: 159 [synonymy].

Leptocera (Coprophila) pseudolugubris. - Duda, 1925: 206 [generic combination]; 1938: 166-167 [redescription].

Leptocera (Heteroptera) pseudolugubris. - Richards, 1930: 308 [subgeneric combination].

Leptocera (Coproica) pseudolugubris. - Richards, 1960c: 202, 207 [subgeneric combination]; Okely, 1974: 55-56 [puparium, illustr.]; Richards, 1980: 618 [Afrotropical catalog].

Coproica pseudolugubris. - Hackman, 1965a: 502 [generic combination].

Coproica rohaceki Carles-Tolrá, 1990. **Distr.:** Palaearctic: Canary Is. (Spain), Italy, Japan, Malta, Norway, Spain (incl. Balearic Is.).

Coproica rohaceki Carles-Tolrá, 1990a: 37 [both sexes, phylogenetic notes, illustr.]. Type locality: Spain, Province Barcelona, Cabriels. HT male (CTB). - Hayashi, 1995a: 230-232 [diagnosis, key, illustr.].

Coproica rohaceki Carles-Tolrá, 1986: 32 [nomen nudum].

Coproica rufifrons Hayashi, 1991. **Distr.:** Australasian/Oceanian: Papua New Guinea, Solomon Is.; Nearctic: USA (FL); Neotropical: Argentina, Bermuda, Brazil,

?Bolivia, Ecuador, Galápagos Is. (Ecuador), Grenada, ?Mexico, St. Kitts; Oriental: China (HKG), Pakistan, Taiwan; Palaearctic: Canary Is. (Spain), Japan.
Coproica rufifrons Hayashi, 1991c: 237 [both sexes, phylogenetic notes, illustr.]. Type locality: Pakistan, Chilas. HT male (ITLJ). - Hayashi, 1995a: 232 [diagnosis, taxonomic remarks, illustr.].

Coproica ruwenzoriensis (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Zaire.

Limosina (Coprophila) ruwenzoriensis Vanschuytbroeck, 1950a: 41 [both sexes]. Type locality: Zaire, W. Ruwenzori, Kalonge. HT male (MRAC).

Leptocera (Coproica) ruwenzoriensis. - Richards, 1960c: 201, 206 [generic combination, key]; Richards, 1980: 618 [Afrotropical catalog].

Coproica ruwenzoriensis. - Papp, 1979a: 104 [generic combination].

Coproica serra (Richards, 1938). **Distr.:** Afrotropical: Ethiopia, Kenya, Uganda.

Leptocera (Heteroptera) serra Richards, 1938a: 391 [male, illustr.]. Type locality: Kenya, E side Mount Elgon, Elgon Saw Mill, Camp II [2,470 m]. HT male (MNHN).

Leptocera (Coproica) serra. - Richards, 1960c: 201, 206 [subgeneric combination, key].

Coproica serra. - Papp, 1979a: 103 [generic combination, female, diagnosis].

Coproica setulosa (Duda, 1929). **Distr.:** Nearctic: USA (AZ, FL, NM); Neotropical: Antigua, Bolivia, Costa Rica, Dominican Republic, Jamaica, Nearctic: Mexico (COA, GUE, HID, JAL, MOR, NAY, NUL, QRE, SIN, SON), Panama, St. Kitts, St. Lucia, Trinidad, Venezuela.

Leptocera (Coprophila) setulosa Duda, 1929: 38 [both sexes]. Type locality: Bolivia, 60 km N San José de Chiquitos. STs, both sexes (SMNS).

Leptocera (Coproica) setulosa. - Richards, 1960c: 202, 206 [subgeneric combination, key]; Richards, 1967b: 16 [Neotropical catalog].

Coproica setulosa. - Papp, 1979a: 104 [generic combination].

Coproica urbana (Richards, 1960). **Distr.:** Nearctic: Canada (AB, BC, NB, ON); USA (AL, AR, IL, IN, MA, MI, MN, NY, OH, OK, PA, WV).

Leptocera (Coproica) urbana Richards, 1960c: 204 [both sexes]. Type locality: USA, Illinois, Urbana. HT male (USNM, lost). - Richards, 1965c: 725 [Nearctic catalog].

Coproica urbana. - Papp, 1979a: 104 [generic combination].

Coproica vagans (Haliday, 1833). **Distr.:** Afrotropical: Ethiopia, South Africa, Tanzania, Zaire; Australasian/Oceanian: Australia (QLD), Guam (USA), Hawaii (USA); Nearctic: Canada (AB, BC, NS), USA (AR, AZ, CA, CO, CT, DC, FL, ID, MI, MO, NJ, NM, OR, PA, SD, TX, UT, WA, WY); Neotropical: Argentina, Bermuda, Bolivia, Chile, Mexico (MEX); Oriental: Taiwan; Palaearctic: Afghanistan, Algeria, Andorra, Austria, Azerbaijan, Belgium, Bulgaria, Canary Is. (Spain), Cyprus, Czech Republic, Denmark, Egypt, Finland, France (incl. Corsica), Georgia, Germany, Great Britain, Greece (incl. Crete, Thíra), Hungary, Iceland, Italy (incl. Sardinia), Ireland, Israel, Japan, Latvia, Macedonia, Madeira (Portugal), Malta, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (CET, NET, SET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan, Tunisia, Turkey, Yugoslavia (Serbia); South Atlantic: Saint Helena.

Borborus vagans Haliday, 1833: 178 [both sexes ?]. Type locality: Ireland, Downshire, Holywood. STs (NMID).

Limosina vagans. - Haliday, 1836: 332 [generic combination, redescription].

Limosina (Coprophila) vagans. - Duda, 1918: 210-214 [subgeneric combination, redescription, illustr.]; Duda, 1938: 167 [redescription, illustr.].

- Leptocera (Coprophila) vagans*. - Duda, 1925: 205 [generic combination].
Leptocera (Heteroptera) vagans. - Richards, 1930: 307 [subgeneric combination].
Leptocera vagans. - Goddard, 1938: 250-251 [puparium, illustr.].
Limosina (Coproica) vagans. - Frey, 1936: 110 [subgeneric combination].
Leptocera (Coproica) vagans. - Richards, 1960c: 201, 205 [subgeneric combination, taxonomic notes, key]; Richards, 1967b: 16 [Neotropical catalog]; Tenorio, 1968: 196, 201 [diagnosis, male genitalia, illustr.]; Richards, 1980: 618 [Afrotropical catalog].
Coprophila vagans. - Vanschuytbroeck, 1951b: 20 [generic combination].
Coproica vagans. - Frey, 1949: 36 [generic combination]; Papp, 1973c: 26 [diagnosis, key, illustr.]; Hackman, 1977: 401 [Oriental catalog]; Papp, 1984: 82 [Palearctic catalog]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Lachmann, 1996: 759-768 [morphology, internal genitalia, copulation, illustr.].
Limosina opacula Stenhammar, 1855: 389 [both sexes]. Type localities: Sweden, "Ostrogothia" and "Gottlandia". LT male, designated by Roháček, 1983e: 159 (UZI) [no specimen of type series is labelled and, therefore, no definite type locality can be selected on the basis of lectotype].
Limosina albipennis Rondani, 1880: 41 [both sexes?]. Type locality: Italy, nr. Parma. STs (MZUF). - Duda, 1918: 210 [synonymy].
Limosina (Coprophila) vagans var. *flava* Duda, 1918: 210 [male, illustr.]. Type locality: Tunisia, Gafsa. STs males (ZMHB). - Papp, 1979a: 104 [synonymy].
Coprophila vagans var. *flava*. - Vanschuytbroeck, 1951b: 20 [generic combination].
Leptocera (Coproica) vagans var. *flava*. - Richards, 1960c: 201, 205 [generic combination, key].
Limosina vagans var. *rufa*. - Collin, 1949: 201 [lapsus]. - Richards, 1960c: 205 [synonymy].

Genus *Druciatus* Marshall, 1995

Druciatus Marshall, 1995: 286 (masculine). Type species: *Druciatus ovisternus* Marshall, 1995, original designation. - Marshall, 1995: 286-287 [diagnosis & description, illustr.]; Marshall & Totton, 1995: 291 [diagnosis, phylogenetic notes, key].

Druciatus angustus Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Mexico (SIN).

Druciatus angustus Marshall in Marshall & Totton, 1995: 292 [male, phylogenetic notes, illustr.]. Type locality: Mexico, Sinaloa, 15 miles W of El Palmito [5,000 ft]. HT male (CNCI).

Druciatus campbelli Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Guatemala.

Druciatus campbelli Marshall in Marshall & Totton, 1995: 292 [male, phylogenetic notes, illustr.]. Type locality: Guatemala, 5 mi NE San Lorenzo. HT male (CNCI).

Druciatus dissidens Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Costa Rica.

Druciatus dissidens Marshall in Marshall & Totton, 1995: 293 [male, phylogenetic notes, illustr.]. Type locality: Costa Rica, Monteverde Reserve [1,500 m]. HT male (CNCI).

Druciatus latisternus Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Costa Rica.

Druciatus latisternus Marshall in Marshall & Totton, 1995: 293 [both sexes, illustr.]. Type locality: Costa Rica, Monteverde Reserve [1,500 m]. HT male (CNCI).

Druciatus nigratarsus Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Ecuador, Guyana, Peru, Saint Vincent.

Druciatus nigratarsus Marshall in Marshall & Totton, 1995: 294 [both sexes, illustr.]. Type locality: Saint Vincent, Kingstown, Par. St. Andrews, Botanical Garden. HT male (CNCI).

Druciatus ovisternus Marshall, 1995. **Distr.:** Neotropical: Dominica, Dominican Republic.

Druciatus ovisternus Marshall, 1995: 287 [both sexes, illustr.]. Type locality: Dominican Republic, La Ciénaga. HT male (CNCI).

Druciatus petilus Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Ecuador, Venezuela.

Druciatus petilus Marshall in Marshall & Totton, 1995: 294 [male, illustr.]. Type locality: Ecuador, Pichincha Prov., 47 km S Sto. Domingo, Río Palenque Station [250 m]. HT male (CNCI).

Druciatus trisetus Marshall in Marshall & Totton, 1995. **Distr.:** Neotropical: Brazil, Ecuador, Guyana, Peru.

Druciatus trisetus Marshall in Marshall & Totton, 1995: 295 [both sexes, illustr.]. Type locality: Ecuador, Pichincha Prov., Tinalandia [800 m]. HT male (CNCI).

Genus *Elachisoma* Rondani, 1880

Elachisoma Rondani, 1880: 5, 18 (neuter). Type species: *Limosina nigerrima* Haliday, 1836 [= *Elachisoma aterrimum* (Haliday, 1833)], original designation. - Duda, 1918: 33 [as subgenus of *Limosina* Macquart, 1835; diagnosis, key]; Duda, 1924a: 6-7 [as subgenus of *Limosina*; diagnosis]; Spuler, 1924d: 376 [as subgenus of *Leptocera* Olivier, 1813]; Duda, 1925: 75, 202-203 [as subgenus of *Leptocera*; diagnosis, key]; Richards, 1930: 305 [as subgenus of *Leptocera*; diagnosis]; Duda, 1938: 24, 159 [as subgenus of *Limosina*; review of Palaearctic species, key]; Vanschuytbroeck, 1959b: 58 [as subgenus of *Coprophila* Duda, 1918]; Richards, 1965c: 725 [as subgenus of *Leptocera*; Nearctic catalog]; Hackman, 1969a: 202, 207 [as genus; phylogenetic notes, biogeography]; Papp, 1971b: 304-306 [as genus; diagnosis, key to Hungarian species]; Papp, 1973c: 30-32 [as genus; diagnosis, key to Hungarian species, illustr.]; Hackman, 1977: 401 [Oriental catalog]; Richards, 1980: 619 [as subgenus of *Leptocera*; Afrotropical catalog]; Papp, 1983a: 451, 457-458 [as genus; additions to diagnosis, key to Old World species, illustr.]; Papp, 1984: 83 [as genus; Palaearctic catalog]; Marshall & Richards, 1987: 1000 [as genus, diagnosis in key]; Roháček, 1998a: 481 [as genus; diagnosis in key].

Elachiosoma. - Spuler, 1925a: 119 [misspelling, as subgenus of *Leptocera*, diagnosis].

Elachisona. - Vanschuytbroeck, 1950a: 43 [misspelling, as subgenus of *Limosina*].

Elachisoma afrotropicum Papp, 1983. **Distr.:** Afrotropical: Nigeria.

Elachisoma afrotropicum Papp, 1983a: 452 [both sexes, phylogenetic notes, illustr.]. Type locality: Nigeria, Wikki (Bauchi State), Yankari (Game) Reserve. HT male (HNMH).

Elachisoma approximatum (Malloch, 1913). **Distr.:** Nearctic: USA (TX).

Leptocera approximata Malloch, 1913c: 135 [male, illustr.]. Type locality: USA, Texas, Dallas. HT male (USNM).

Leptocera (Elachisoma) approximata. - Spuler, 1925a: 119 [subgeneric combination]; Richards, 1965c: 725 [Nearctic catalog].

Elachisoma approximatum. - Papp, 1983a: 458 [generic combination].

Elachisoma aterrimum (Haliday, 1833). **Distr.:** Afrotropical: ?Zaire; Nearctic: Canada (AB, ON, QC), USA (IL, NY); Palaearctic: Afghanistan, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Cyprus, Czech Republic, Denmark, Egypt, Finland, Germany, Great Britain, Hungary, Ireland, Italy, Latvia, Madeira (Portugal), Malta, Netherlands, Poland, Roumania, Russia (NET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan; South Atlantic: Saint Helena.

Borborus aterrimus Haliday, 1833: 178 [both sexes ?]. Type locality: Ireland, Downshire, Holywood. STs (NMID).

Leptocera (Elachisoma) aterrima. - Richards, 1930: 305 [generic combination]; Okely, 1974: 54 [puparium, illustr.]; Richards, 1980: 619 [Afrotropical catalog].

Limosina (Elachisoma) aterrima. - Duda, 1938: 159-160 [generic combination, redescription, key].

Coprophila (Elachisoma) aterrima. - Vanschuytbroeck, 1959b: 59 [generic combination].

Elachisoma aterrima. - Papp, 1971b: 306 [generic combination, incorrect name termination]; Papp, 1973c: [key, illustr.].

Elachisoma aterrimum. - Papp, 1983a: 452, 458 [male genitalia, key, illustr.]; Papp, 1984: 83 [Palaearctic catalog].

Borborus nigerrimus Haliday, 1833: 150 [nomen nudum].

Limosina nigerrima Haliday, 1836: 334 [both sexes ?]. Type locality: England, nr. London. STs (probably NMID). - Collin, 1914: 248-249 [diagnosis, notes on probable syntypes]; Richards, 1930: 305 [synonymy].

Elachisoma nigerrima. - Rondani, 1880: 19 [generic combination, incorrect name termination].

Limosina (Elachisoma) nigerrima. - Duda, 1918: 203-206 [subgeneric combination, redescription, illustr.].

Leptocera (Elachisoma) nigerrima. - Duda, 1925: 203 [generic combination].

Limosina exilis Stenhammar, 1855: 426 [nomen nudum].

Elachisoma bajzae Papp, 1983. **Distr.:** Palaearctic: Canary Is. (Spain), Czech Republic, Greece (Crete), Hungary, Italy, Slovakia, Spain (incl. Balearic Is.), Switzerland.

Elachisoma bajzae Papp, 1983a: 455 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Hungary, Börzsöny hg., Magyarkút. HT male (HNHM).

Elachisoma gemmae Carles-Tolrá, 1986: 32 [nomen nudum].

Elachisoma braacki Papp, 1983. **Distr.:** Afrotropical: South Africa.

Elachisoma braacki Papp, 1983a: 455 [both sexes, phylogenetic notes, key, illustr.]. Type locality: South Africa, Transvaal, Kruger National Park, Pafuri, 22°27' S 31°17' E. HT male (KNPC).

Elachisoma euphorbiae Papp, 1977. **Distr.:** Palaearctic: Canary Is. - Tenerife (Spain).

Elachisoma euphorbiae Papp, 1977b: 124 [both sexes, phylogenetic notes]. Type locality: Canary Is. (Spain), Tenerife, Las Galletas. HT male (ULCI). - Papp, 1983a: 457 [key]; Papp, 1984: 83 [Palaearctic catalog].

Elachisoma kerteszi (Duda, 1924). **Distr.:** Palaearctic: Canary Is. (Spain), Bulgaria, Hungary, Spain (incl. Balearic Is.).

Limosina (Scotophilella) kerteszi Duda, 1924b: 178 [both sexes]. Type locality: Hungary, Gyón. LT male, designated by Papp, 1971b: 301 (HNHM).

Limosina (Trachyopella) kerteszi. - Duda, 1924a: 6 [subgeneric combination]; Duda, 1938: 156 [redescription].

Leptocera (Scotophilella) kerteszi. - Duda, 1925: 164, 189 [generic combination, key].

Elachisoma kerteszi. - Papp, 1971b: 301-304, 306 [generic combination, redescription, key, illustr.]; Papp, 1973c: 31-32 [key, illustr.]; Papp, 1983a: 452-453, 457 [male genitalia, key, illustr.]; Papp, 1984: 83 [Palaearctic catalog].

Elachisoma pilosum (Duda, 1924). **Distr.:** Oriental: Indonesia (Java), Malaysia; Palaearctic: Afghanistan, Belgium, Czech Republic, Germany, Great Britain, Hungary, Latvia, Malta, Poland, Roumania, Slovakia, Spain, Switzerland, Sweden.

Limosina (Elachisoma) pilosa Duda, 1924a: 9 [female]. Type locality: Poland, Habelschwerdt [= Bystrzyca Kłodzka]. STs females (ZMHB).

Leptocera (Elachisoma) pilosa. - Richards, 1930: 305 [generic combination].

Elachisoma pilosa. - Papp, 1971b: 306 [generic combination, incorrect name termination, key]; Papp, 1973c: 31-32 [key]; Hackman, 1977: 401 [Oriental catalog].

Elachisoma pilosum. - Papp, 1983a: 454, 457 [male genitalia, key, illustr.]; Papp, 1984: 83 [Palaearctic catalog].

Genus *Gigalimosina* Roháček, 1983

Gigalimosina Roháček, 1983e: 12 (feminine). Type species: *Limosina flaviceps* Zetterstedt, 1847, original designation. - Roháček, 1983e: 12-14 [diagnosis, phylogeny]; Roháček, 1998a: 487 [diagnosis in key, illustr.].

Gigalimosina Roháček, 1982c: 221 [nomen nudum, phylogeny].

Gigalimosina flaviceps (Zetterstedt, 1847). **Distr.:** Palaearctic: Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Italy, Latvia, Norway, Poland, Roumania, Slovakia, Spain, Sweden.

Limosina flaviceps Zetterstedt, 1847: 2501 [male]. Type locality: Sweden, Scania. ST(s), male(s) (not found in MZLU, probably lost, see Roháček, 1983e: 13). - Papp, 1984: 98 [Palaearctic catalog].

Limosina (Scotophilella) flaviceps. - Duda, 1918: 104 [subgeneric combination, illustr.].

Leptocera (Scotophilella) flaviceps. - Duda, 1925: 154 [generic combination].

Gigalimosina flaviceps. - Roháček, 1982c: 253-255 [illustr.]; Roháček, 1983e: 13 [generic combination, redescription, both sexes].

Genus *Gobersa* de Coninck, 1983

Gobersa de Coninck, 1983: 338 (feminine). Type species: *Gobersa leleupi* de Coninck, 1983, original designation.

Gobersa leleupi de Coninck, 1983. **Distr.:** Afrotropical: Tanzania.

Gobersa leleupi de Coninck, 1983: 338 [both sexes, taxonomic notes, illustr.]. Type locality: Tanzania, Uluguru Mts., Chenzema [1,700 m]. HT male (MRAC).

Genus *Gonioneura* Rondani, 1880

Gonioneura Rondani, 1880: 18 (feminine). Type species: *Gonioneura bisangula* Rondani, 1880, monotypy [= *Gonioneura spinipennis* (Haliday, 1836)]. - Papp, 1984: 105 [nomen dubium; Palaearctic catalog]; Roháček & Munari, 1993: 247 [genus reinstated, catalog]; Roháček, 1998a: 483 [diagnosis in key, illustr.].

Halidayina Duda, 1918: 17, 32 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina spinipennis* Haliday, 1836, monotypy. - Duda, 1925: 202 [as subgenus of *Leptocera* Olivier, 1813]; Duda, 1938: 23 [as subgenus of *Limosina*]; Richards, 1965c: 725 [as subgenus of *Leptocera*; Nearctic catalog]; Hackman, 1969a: 203 [as synonym of *Limosina* Macquart, 1835]; Papp, 1973c: 37 [as genus; diagnosis]; Marshall, 1982b: 841 [as genus; redescription, key, illustr.]; Roháček, 1982c: 225 [as genus; phylogeny]; Roháček, 1983e: 154 [as genus; diagnosis, phylogenetic notes]; Papp, 1984: 84 [as genus; Palaearctic catalog]; Marshall & Richards, 1987: 999 [as genus; diagnosis in key, illustr.]; Marshall, 1989b: 603 [as genus; Australasian/Oceanian catalog]; Roháček & Munari, 1993: 247 [synonymy].

Halidayini. - Spuler, 1924d: 376 [misspelling, as subgenus of *Leptocera* Olivier, 1813].

Gonioneura asymmetrica (Marshall, 1982). **Distr.:** Neotropical: Mexico (CHI, GUE, HID, JAL, MEX, OXA, PUE, SIN, SLP, VRC).

Halidayina asymmetrica Marshall, 1982b: 846 [both sexes, illustr.]. Type locality: Mexico, Oaxaca, 14.2 mi S of Ixtlán de Juárez. HT male (MCZC).

Gonioneura asymmetrica. - Roháček & Munari, 1993: 247 [generic combination].

Gonioneura exserta (Marshall, 1982). **Distr.:** Australasian/Oceanian: Hawaii (USA); Nearctic: USA (AZ, CA, NM); Neotropical: Guatemala, Mexico (BCN, CHI, DUR, GUE, JAL, MEX, MOR, NUL, OXA, PUE, QRE, VRC).

Halidayina exserta Marshall, 1982b: 843 [both sexes, illustr.]. Type locality: USA, Arizona, Pima Co., Santa Catalina Mts., Mt. Lemmon. HT male (MCZC). - Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Gonioneura exserta. - Roháček & Munari, 1993: 248 [generic combination].

Gonioneura spinipennis (Haliday, 1836). **Distr.:** Nearctic: Canada (AB, BC, MB, NB, NF, ND, ON, SK, YT), USA (AK, CA, CO, ID, MI, MT, NH, NJ, NM, SD, UT, WY); Oriental: Pakistan; Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Italy, Iceland, Ireland, Kirghizstan, Latvia, Macedonia, Netherlands, Norway, Poland, Roumania, Russia (CET, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Yugoslavia (Serbia).

Limosina spinipennis Haliday, 1836: 331 [sex ?]. Type locality: not given [? Ireland]. LT male, designated by Roháček, 1983e: 155 (NMID).

Limosina (Halidayina) spinipennis. - Duda, 1918: 192; 1938: 153 [subgeneric combination, redescription, illustr.].

Leptocera (Halidayina) spinipennis - Duda, 1925: 202 [generic combination]; Spuler, 1925a: 116 [diagnosis]; Richards, 1965c: 725 [Nearctic catalog]; Okely, 1974: 54 [puparium, illustr.].

Halidayina spinipennis. - Papp, 1973c: 38 [generic combination]; Marshall, 1982b: 842 [redescription, illustr.]; Roháček, 1983e: 155 [redescription, phylogenetic notes]; Papp, 1984: 84 [Palaeartic catalog]; Roháček, 1985a: 177-179 [illustr.].

Gonioneura spinipennis. - Roháček & Munari, 1993: 248 [generic combination].

Gonioneura bisangula Rondani, 1880: 18 [female]. Type locality: Italy, Parma. HT female (MZUF). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaeartic catalog]; Munari, 1991a: 29 [synonymy].

Limosina akka Rondani, 1880: 23 [both sexes]. Type locality: Italy. LT male, designated by Roháček, 1983e: 155 (MZUF). - Duda, 1918: 192 [synonymy].

Gonioneura xinjiangensis Marshall in Marshall & Sun, 1995. **Distr.:** Palaeartic: China (XIN).

Gonioneura xinjiangensis Marshall in Marshall & Sun, 1995: 369 [both sexes, phylogenetic notes, illustr.]. Type locality: China, Xinjiang, Tomart [2,800 m]. HT male (IZAS).

Genus *Gyretria* Enderlein, 1938

Gyretria Enderlein, 1938: 652 (feminine). Type species: *Gyretria binodatipes* Enderlein, 1938 [= *Gyretria melanogaster* (Thomson, 1869)], original designation. - Richards, 1967b: 11 [as synonym of *Chaetopodella* Duda, 1920; Neotropical catalog]; Marshall, 2001: 282-290 [restitution from synonymy, redescription, revision of species, phylogenetic notes, key, illustr.].

Alima Duda, 1938: 95 (feminine). [a junior homonym of *Alima* Leach, 1818, Crustacea]. Type species: *Leptocera (Chaetopodella) biseta* Duda, 1925, monotypy. - Marshall, 2001: 282 [synonymy].

Alma. - Richards, 1967b: 11 [misspelling; as synonym of *Chaetopodella* Duda, 1920 and junior homonym of *Alma* Grube, 1855, Oligochaeta].

Gyretria biseta (Duda, 1925). **Distr.:** Neotropical: Argentina, Bolivia, Brazil, Paraguay.

Leptocera (Chaetopodella) biseta Duda, 1925: 149 [both sexes, illustr.]. Type locality: Bolivia, Mapiri, Lorenzopata. LT male, designated by Marshall, 2001: 285 (SMTD). - Richards, 1967b: 11 [Neotropical catalog].

Chaetopodella biseta. - Duda, 1929: 34 [generic combination].

Alima biseta. - Duda, 1938: 95 [generic combination].

Gyretria biseta. - Marshall, 2001: 284-287 [generic combination, redescription, phylogenetic notes, illustr.].

Gyretria melanogaster (Thomson, 1869). **Distr.:** Neotropical: Argentina, Brazil, Chile, Juan Fernández Is. (Chile), Paraguay, Uruguay.

Limosina melanogaster Thomson, 1869: 603 [female]. Type locality: Argentina, "Buenos Ayres" (= Buenos Aires). HT female (NHRS).

Leptocera (Chaetopodella) melanogaster. - Richards, 1963d: 238 [generic combination]; Richards, 1967b: 11 [Neotropical catalog].

Chaetopodella melanogaster. - Roháček, 1983e: 114 [generic combination].

Gyretria melanogaster. - Marshall, 2001: 287-290 [generic combination, redescription, phylogenetic notes, illustr.].

- Leptocera (Chaetopodella) pulchripes* Duda, 1925: 151 [female, illustr.]. Type locality: Paraguay. STs females (SMTD). - Richards, 1955a: 80 [taxonomic notes, illustr.]; Richards, 1963d: 238 [synonymy].
- Caetopodella pulchripes*. - Duda, 1929: 34 [misspelling of generic name, generic combination].
- Leptocera (Chaetopodella) pulchripes* var. *griseithorax* Richards, 1931: 79 [both sexes]. Type locality: Argentina, Buenos Aires. HT male (originally deposited in BMNH). - Richards, 1967b: 11 [synonymy].
- Gyretria binodatipes* Enderlein, 1938: 653 [male, illustr.]. Type locality: Chile, Juan Fernández Is., "Masatierra I" (= Robinson Crusoe I.). STs males (NHRS). - Richards, 1967b: 11 [synonymy].

Genus *Hellerella* Duda, 1920

Hellerella Duda, 1920b: 436 (feminine) [as subgenus of *Archileptocera* Duda, 1920]. Type species: *Archileptocera (Hellerella) decipiens* Duda, 1920, monotypy. - Richards, 1967b: 6 [as subgenus of *Archileptocera* Duda; Neotropical catalog]; Marshall, 1998: 215 [as genus, phylogenetic notes].

Hellerella decipiens (Duda, 1920). **Distr.:** Neotropical: Argentina, Chile.

Archileptocera (Hellerella) decipiens Duda, 1920b: 437 [female]. Type locality: Chile, Punta Arenas. STs females [SMTD]. - Richards, 1967b: 6 [Neotropical catalog]; Hackman, 1969a: 201 [phylogenetic notes, illustr.].

Hellerella decipiens. - Marshall, 1998: 215 [generic combination, redescription, phylogenetic notes].

Genus *Herniosina* Roháček, 1983

Herniosina Roháček, 1983e: 18 (feminine). Type species: *Leptocera (Limosina) Bequaerti* Villeneuve, 1917, original designation. - Roháček, 1983e: 18-21 [diagnosis, key, revision of European species, illustr.]; Roháček, 1993b: 186 [taxonomy, key, illustr.]; Roháček, 1998a: 487 [diagnosis in key, illustr.].

Herniosina Roháček, 1982c: 221 [nomen nudum, phylogeny].

Herniosina bequaerti (Villeneuve, 1917). **Distr.:** Palaearctic: Austria, Belgium, Czech Republic, Finland, Germany, Great Britain, Hungary, Iceland, Italy, Netherlands, Poland, Slovakia, Spain, Sweden, Switzerland.

Leptocera (Limosina) Bequaerti Villeneuve, 1917a: 143 [both sexes ?]. Type locality: The Netherlands, Maastricht, St. Pietersberg. LT male, designated by Roháček, 2001: 471 (MNHN).

Leptocera (Scotophilella) Bequaerti. - Duda, 1925: 154 [subgeneric combination].

Limosina (Limosina) Bequaerti. - Duda, 1938: 110 [generic combination, illustr.].

Leptocera bequaerti. - Goddard, 1938: 240-241 [puparium, illustr.].

Limosina bequaerti. - Roháček, 1978a: 55 [redescription, genitalia, illustr.]; Papp, 1984: 96 [Palaearctic catalog].

Herniosina bequaerti. - Roháček, 1982c: 260-263 [illustr.]; Roháček, 1983e: 19 [generic combination, redescription, phylogenetic notes]; Roháček, 1993b: 191 [key]; Skidmore, 1993: 8, 16 [puparium, illustr.].

Limosina (Scotophilella) herniata Duda, 1918: 108 [both sexes, illustr.]. Type locality: Austria, "Styriae Alpes". LT male, designated by Roháček, 1983e: 19 (ZMHB). - Duda, 1924b: 194 [synonymy].

Herniosina horrida (Roháček, 1978). **Distr.:** Palaearctic: Austria, Czech Republic, Slovakia.

Limosina horrida Roháček, 1978: 51 [both sexes, illustr.]. Type locality: Slovakia, Veľká Fatra Mts., Suchá dolina (valley). HT male (JRO). - Papp, 1984: 99 [Palaearctic catalog].

Herniosina horrida. - Roháček, 1982c: 265-266 [illustr.]; 1983e: 20 [generic combination; redescription, phylogenetic notes]; 1993b: 191 [key].

Herniosina pollex Roháček, 1993. **Distr.:** Palaearctic: Czech Republic, Germany, Russia (SET), Slovakia.

Herniosina pollex Roháček, 1993b: 186 [both sexes, phylogenetic notes, illustr.]. Type locality: Slovakia, Slovenský kras, Stará brzotínska jaskyňa (cave). HT male (JRO).

Herniosina voluminosa Marshall, 1987. **Distr.:** Nearctic: Canada (ON), USA (NH).

Herniosina voluminosa Marshall, 1987b: 711 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, New Hampshire, Coos Co., 3 mi NE East Inlet Dam, Norton Pool. HT male (CNCI).

Genus *Howickia* Richards, 1951

Howickia Richards, 1951a: 844 (feminine). Type species: *Apterina trilineata* Hutton, 1901, original designation. - Richards, 1965a: 457 [diagnosis in key]; Hackman, 1969a: 207 [list]; Richards, 1973: 389 [diagnosis]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Howickia trilineata (Hutton, 1901). **Distr.:** Australasian/Oceanian: New Zealand.

Apterina trilineata Hutton, 1901: 93 [both sexes]. Type locality: New Zealand, Auckland, Howick. HT female (CMNZ).

Howickia trilineata. - Richards, 1951a: 839, 848 [generic combination, illustr.]; Harrison, 1959: 253-254 [redescription, illustr.]; Richards, 1973: 389 [diagnosis]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Genus *Indiosina* Papp, 1981

Indiosina Papp, 1981: 385 (feminine). Type species: *Indiosina loebli* Papp, 1981, original designation. - Papp, 1981: 385-388 [diagnosis, phylogenetic notes, illustr.].

Indiosina loebli Papp, 1981. **Distr.:** Oriental: India (West Bengal), Nepal.

Indiosina loebli Papp, 1981: 386 [both sexes, illustr.]. Type locality: India, W. Bengal, Darjeeling dist., Tigerhill [2,500 - 2,600 m]. HT male (MHNG). - Papp, 1991b: 226-228 [male genitalia, illustr.].

Genus *Kabaria* Richards, 1966

Kabaria Richards, 1966a: 230 (feminine). Type species: *Kabaria spinisterna* Richards, 1966, original designation. - de Coninck, 1983: 342 [diagnosis]; Richards, 1980: 617 [Afrotropical catalog].

***Kabaria spinisterna* Richards, 1966. Distr.:** Afrotropical: Zaire.

Kabaria spinisterna Richards, 1966a: 230 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kabare, Kahuzi, versant S.-O. [2,770 m]. HT male (MRAC). - Richards, 1980: 617 [Afrotropical catalog].

Genus *Leptocera* Olivier, 1813

Leptocera Olivier, 1813: 489 (feminine). Type species: *Leptocera nigra* Olivier, 1813, monotypy. - Olivier, 1911 [reprinted]: 195; Spuler, 1924b: 106 [as subgenus]; Richards 1930: 283 [as subgenus; diagnosis, British species], Richards, 1961b: 562 [as subgenus; nomenclatural notes]; Richards, 1965c: 720 [as subgenus; Nearctic catalog]; Richards, 1967b: 7-9 [as subgenus; Neotropical catalog]; Richards, 1973: 304 [as subgenus; diagnosis, review of Australian species]; Papp 1973c: 67 [as subgenus; diagnosis, key]; Hackman, 1977: 401 [as subgenus; Oriental catalog]; Richards, 1980: 619 [as subgenus; Afrotropical catalog]; Roháček, 1982b: 3-41 [as subgenus; diagnosis, revision of West Palearctic species, key, illustr.]; Roháček & Papp, 1983b: 211-227 [as subgenus; revision of East Palearctic species of *L. fontinalis*-group, key, illustr.]; Papp, 1984: 89 [as subgenus; Palearctic catalog]; Marshall & Richards, 1987: 995-997 [as subgenus; diagnosis in key]; Marshall, 1989b: 603 [as subgenus; Australasian/Oceanian catalog]; Roháček, 1991b: 269-271 [as subgenus, diagnosis in key, phylogenetic relationships of genus, phylogeny of western Palearctic species]; Roháček, 1998a: 479 [as subgenus; diagnosis in key, illustr.].

Lotomyia Lioy, 1864: 1116 (feminine). Type species: *Limosina arcuata* Macquart, 1835 [= *Leptocera fontinalis* (Fallén, 1826)], subsequent designation by Roháček, 1982b: 3 [synonymy]; Papp, 1984: 105 [nomen dubium; Palearctic catalog].

Paracollinella Duda, 1924b: 166 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Copromyza fontinalis* Fallén, 1826, subsequent designation by Richards, 1930: 267. - Spuler, 1924d: 371 [synonymy]; Duda, 1925: 11-64 [as subgenus; revision of extra-European species, key], 210 [as synonym of *Leptocera*]; Duda, 1938: 14, 85-89 [as subgenus of *Limosina*; review of Palearctic species, key]; Vanschuytbroeck, 1951b: 7 [as genus]; Richards, 1961b: 562 [confirmation of synonymy].

Paracolinella. - Vanschuytbroeck, 1970: 264 [misspelling].

Skottsbergia Enderlein, 1938: 650 (feminine). Type species: *Skottsbergia cultellipennis* Enderlein, 1938, original designation. - Richards, 1955a: 78 [synonymy].

***Leptocera aequilimbata* Duda, 1925. Distr.:** Neotropical: Bolivia, Peru.

Leptocera (Paracollinella) aequilimbata Duda, 1925: 58 [both sexes]. Type localities: Bolivia, Lake Titicaca, Guaqui; Peru, Cuzco [3,500-4,200 m] and Laristhal [3,000-4,000 m] and Lake Titicaca, Puno. STs, both sexes (SMTD).

Leptocera (Leptocera) aequilimbata. - Duda, 1925: 210 [subgeneric combination]; Richards, 1967b: 8 [Neotropical catalog].

Leptocera alpina Roháček, 1982. **Distr.:** Palaearctic: Austria, Bulgaria, Czech Republic, Norway, Slovakia, Sweden.

Leptocera (Leptocera) alpina Roháček, 1982b: 20 [both sexes, phylogenetic notes, illustr.].
Type locality: Austria, Tirol, Obergurgl [1,950 m]. HT male (SMOC).

Leptocera atra (Vanschuytbroeck, 1951) **comb.n. Distr.:** Afrotropical: Zaire.

Paracollinella atra Vanschuytbroeck, 1951b: 7 [both sexes, illustr.]. Type locality: Zaire, Élisabethville (= Lubumbashi). HT male (ISNB).

Limosina (Paracollinella) atra. - Vanschuytbroeck, 1959a: 74 [generic combination].

Paracollinella atra. - Vanschuytbroeck, 1970: 265 [misspelling of genus name, generic combination].

Leptocera (Leptocera) nigricorpus Richards, 1980: 619 [nom.n. for *Paracollinella atra* Vanschuytbroeck, 1951, a secondary junior homonym of *Limosina atra* Adams, 1903 = *Rachispoda atra* (Adams, 1903); Afrotropical catalog].

Leptocera basilewskyi (Vanschuytbroeck, 1962) **comb.n. Distr.:** Afrotropical: Tanzania.

Paracollinella basilewskyi Vanschuytbroeck, 1962a: 473 [both sexes, illustr.]. Type locality: Tanzania, Longido, Masai Distr. [1,500 m]. HT male (MRAC).

Note: This species was overlooked by Richards (1980).

Leptocera boruvkai Roháček, 1993. **Distr.:** Russia (ES, NET).

Leptocera (Leptocera) boruvkai Roháček, 1993a: 98 [both sexes, phylogenetic notes, illustr.]. Type material: Russia, E. Siberia, Bajkal lake env., Listveničnoje. HT male (SMOC).

Leptocera caenosa (Rondani, 1880). **Distr.:** Afrotropical: South Africa; Australasian/Oceanian: Australia (CT, NS, TA, VI), Hawaii (USA), New Zealand (incl. Snares Is.); Nearctic: Canada (BC, AB, SK, MB, ON, QC, NB, NS), USA (AK, AL, AR, AZ, CA, CO, FL, GA, IA, IL, IN, KY, LA, MA, MD, MI, MN, MO, MS, NC, ND, NH, NM, NY, OH, OK, OR, PA, SC, TN, TX, VA, VT, WA, WV, WY); Neotropical: Argentina, Bermuda, ?Bolivia, Chile, Costa Rica, Ecuador, Mexico (HID, JAL, MOR, QRE), Panama, ?Peru; Palaearctic: Afghanistan, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Iceland, Ireland, Israel, Italy (incl. Sardinia), Japan, Latvia, ?Madeira (Portugal), Malta, Mongolia, Netherlands, North Korea, Norway, Roumania, Russia (CET, ES, FE, NET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Uzbekistan, Yugoslavia; South Atlantic: Gough I.; Subantarctic: South Shetlands.

Limosina caenosa Rondani, 1880: 36 [both sexes]. Type locality: Italy ("in montuosis Italiae centralis"). LT male, designated by Roháček, 1982b: 33 (MZUF).

Limosina (Collinella) caenosa. - Duda, 1918: 68 [subgeneric combination, redescription, illustr.].

Limosina (Paracollinella) caenosa. - Duda, 1924b: 167 [subgeneric combination]; Duda, 1938: 85 [redescription, illustr.].

Leptocera (Paracollinella) caenosa. - Duda, 1925: 22 [key], 57-58 [generic combination, redescription].

Leptocera (Leptocera) caenosa. - Duda, 1925: 210 [subgeneric combination]; Richards, 1930: 345 [puparium, illustr.]; Fredeen & Taylor, 1964: 801-808 [preimaginal stages, biology, synanthropy, illustr.]; Richards, 1965c: 721 [Nearctic catalog]; Richards, 1967b:

8 [Neotropical catalog]; Richards, 1980: 619 [Afrotropical catalog]; Roháček, 1982b: 33-40 [redescription, both sexes, phylogenetic notes, illustr.]; Roháček & Papp, 1983b: 212 [key]; Papp, 1984: 90 [Palaeartic catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Paracollinella coenosa. - Frey, 1945: 76 [generic combination, misspelling].

Leptocera coenosa. - Hackman, 1963b: 20, 37, 44, 59 [misspelling].

Paracollinella caenosa. - Vanschuytbroeck, 1970: 265 [misspelling of genus name].

Leptocera arcuata. - Séguy, 1934: 456-457, 464 [misidentification, key, illustr.].

Leptocera chambii (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Zaire.

Limosina (*Paracollinella*) *chambii* Vanschuytbroeck, 1950a: 24 [both sexes]. Type locality: Zaire, Chambii. HT male (MRAC).

Paracollinella chambii. - Vanschuytbroeck, 1970: 265 [misspelling of genus name, generic combination].

Leptocera (*Leptocera*) *chambii*. - Richards, 1980: 619 [generic combination; Afrotropical catalog].

Leptocera cultellipennis (Enderlein, 1938). **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Skottsbergia cultellipennis Enderlein, 1938: 650 [female]. Type locality: Chile, Juan Fernández Is., Masatierra I. (= Robinson Crusoe I.). HT female (NHRS).

Leptocera (*Leptocera*) *cultellipennis*. - Richards, 1955a: 78-79 [generic combination, redescription]; Richards, 1967b: 8 [Neotropical catalog].

Leptocera decisetosa (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Rwanda, Zaire.

Limosina [as "*Limosa*", lapsus] (*Paracollinella*) *decisetosa* Vanschuytbroeck, 1950b: 11 [both sexes]. Type locality: Zaire, Île de Mateba. HT male (ISNB).

Paracollinella decisetosa. - Vanschuytbroeck, 1951b: 7 [generic combination].

Leptocera (*Leptocera*) *decisetosa*. - Richards, 1980: 619 [generic combination, Afrotropical catalog].

Leptocera duplicata Richards, 1955. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Leptocera (*Leptocera*) *duplicata* Richards, 1955a: 75. Type locality: Chile, Juan Fernández Is., Masatierra I. (= Robinson Crusoe I.), Plazoleta del Yunque [200 m]. HT male (originally deposited in IESC, ? lost) - Richards, 1967b: 8 [Neotropical catalog].

Leptocera dyscola Roháček & Papp, 1983. **Distr.:** Palaeartic: Russia (ES, FE, WS).

Leptocera (*Leptocera*) *dyscola* Roháček & Papp, 1983b: 222 [both sexes, phylogenetic notes, illustr.]. Type locality: Russia, Amurskaya obl., Zeya. HT male (ZMUM).

Leptocera elgonensis Richards, 1938. **Distr.:** Afrotropical: Kenya.

Leptocera (*Leptocera*) *elgonensis* Richards, 1938: 382 [both sexes, illustr.]. Type locality: Kenya, Suam Fishing Hut, E side Mount Elgon [2,700-2,800 m]. HT female (MNHN). - Richards, 1980: 619 [Afrotropical catalog].

Paracollinella elgonensis. - Vanschuytbroeck, 1970: 265 [misspelling of genus name, generic combination].

Leptocera ellipsipennis Richards, 1955. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Leptocera (*Leptocera*) *ellipsipennis* Richards, 1955a: 76. Type locality: Chile, Juan Fernández Is., Masatierra I. (= Robinson Crusoe I.), Plazoleta del Yunque [200 m]. HT male (originally deposited in IESC; its present depository unknown, see Pitkin, 1989: 18 and A. Henry, in litt. 1999). - Richards, 1967b: 8 [Neotropical catalog].

Leptocera equispina Papp, 1973. **Distr.:** Palaeartic: Mongolia.

Leptocera (*Leptocera*) *equispina* Papp, 1973a: 423 [both sexes]. Type locality: Mongolia, Central aimak, Ulan-Baator, Zaisan im Bogdo ul [1,600 m]. HT male (HNHM). -

Roháček & Papp, 1983b: 215-218 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 90 [Palaeartic catalog].

Leptocera erythrocer (Becker, 1920). **Distr.:** Australasian/Oceanian: Hawaii (USA); Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC, SK, YT), USA (AL, AR, AZ, CA, CO, CT, DC, DE, FL, GA, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NM, NV, NY, OH, OK, OR, PA, SC, SD, TN, TX, UT, VA, VT, WA, WI, WV, WY); Neotropical: Argentina, Bahamas, Belize, Bermuda, Bolivia, Brazil, Cayman Is., Chile, Costa Rica, Dominica, Dominican Republic, Ecuador, Galápagos Is. (Ecuador), Guatemala, Haiti, Honduras, Jamaica, Mexico (BCN, CHI, JAL, MOR, NAY, OXA, PUE, SIN, SLP, SON, TAM, VRC), Nicaragua, Panama, Paraguay, Peru, Puerto Rico, St. Kitts, St. Lucia, St. Vincent, Trinidad, Venezuela; South Atlantic: ?Tristan da Cunha.

Limosina erythrocer Becker, 1920: 183 [female]. Type locality: Ecuador, Casitagua [3,512 m]. HT female (erroneously reported as male) (MNHN).

Leptocera (Leptocera) erythrocer. - Richards, 1967b: 8 [generic combination, Neotropical catalog].

Leptocera (Paracollinella) pararoralis Duda, 1925: 51 [female]. Type locality: "Algonquin" (= probably Canada, Ontario, Algonquin Park). STs (MSNM). - **syn.n.** (see p. 22).

Leptocera (Leptocera) pararoralis. - Duda, 1925: 210 [subgeneric combination]; Richards, 1965c: 721 [Nearctic catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Leptocera (Paracollinella) abdominiseta Duda, 1925: 52 [both sexes]. Type localities: Bolivia, Sorata; Brazil, Blumenau; Chile, Tacna and Arica; Paraguay; Peru, Mollendo. STs (HNHM, NHMW, SMTD). - **syn.n.** (see p. 22).

Leptocera (Leptocera) abdominiseta. - Duda, 1925: 210 [subgeneric combination]; Richards, 1967b: 8 [Neotropical catalog]; Richards, 1980: 619 [Afrotropical catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Leptocera finalis (Collin, 1956). **Distr.:** Nearctic: Canada (NS, NT, YT). Palaeartic: Czech Republic, Denmark, Estonia, Finland, Great Britain, Ireland, Latvia, Norway, Poland, Russia (ES, FE, NET, WS).

Paracollinella finalis Collin, 1956: 175 [both sexes]. Type locality: Great Britain, England, Barton Mills. LT male, designated by Roháček, 1982b: 24 (OXUM).

Leptocera (Leptocera) finalis. - Papp, 1973c: 69 [generic combination, key]; Roháček, 1982b: 24-28 [redescription, phylogenetic notes, illustr.]; Roháček & Papp, 1983b: 212 [key]; Papp, 1984: 90 [Palaeartic catalog].

Leptocera fontinalis (Fallén, 1826). **Distr.:** Afrotropical: all records doubtful; Nearctic: Canada (NF, ?NS); USA (?NH); Neotropical: all records doubtful; Palaeartic: Afghanistan, Andorra, Austria, ?Azores (Portugal), Belgium, Bulgaria, ?China (TIB), Croatia, Cyprus, Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France, Georgia, Germany, Great Britain, Greece (Crete), Hungary, Iceland, Ireland, Italy (incl. Sardinia, Sicily), Latvia, Kazakhstan, Macedonia, ?Madeira (Portugal), Malta, Netherlands, Norway, Poland, Portugal, Roumania, Russia (CET, NET, SET), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Ukraine, Uzbekistan, Yugoslavia (Montenegro).

Copromyza fontinalis Fallén, 1826: 16 [? both sexes]. Type locality: Sweden. LT female, designated by Gapasin & Kim, 1972: 1246 (NHRS).

Limosina fontinalis. - Zetterstedt, 1847: 2493 [generic combination].

Limosina (Collinella) fontinalis. - Duda, 1918: 70 [subgeneric combination, redescription, illustr.].

Leptocera fontinalis. - Spuler in Cole & Lovett, 1921: 319 [generic combination].

Limosina (Paracollinella) fontinalis. - Duda, 1924b: 167 [subgeneric combination].

Leptocera (Leptocera) fontinalis. - Spuler, 1924b: 116 [subgeneric combination]; Richards, 1965c: 721 [Nearctic catalog]; Okely, 1974: 45, 49 [puparium, illustr.]; Richards, 1980: 619 [Afrotropical catalog]; Roháček, 1982b: 6 [key], 13-20 [redescription, phylogenetic notes, illustr.]; Roháček & Papp, 1983b: 213 [key]; Papp, 1984: 90 [Palearctic catalog]; Skidmore, 1993: 8, 16 [puparium, illustr.].

Leptocera (Paracollinella) fontinalis. - Duda, 1925: 21, 56 [subgeneric combination, key].

Paracollinella fontinalis. - Vanschuytbroeck, 1962a: 473 [generic combination, misidentification].

Limosina arcuata Macquart, 1835: 572 [sex not stated]. Type locality: France. ST(s), sex unknown (?MNHN, ? lost - Roháček, 1982b: 14). - Duda, 1938: 87 [synonymy]; Papp, 1984: 105 [as *Limosina*; species dubia, Palearctic catalog].

Borborus arcuatus. - Morge, 1976: Pl. 303, Figs 11a,b [Meigen's original illustr.].

Leptocera fulva (Malloch, 1912). **Distr.:** Nearctic: USA (FL); Neotropical: Belize, Bolivia, Brazil, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, ?Galápagos Is. (Ecuador), Grenada, Guadeloupe, Guatemala, Honduras, Jamaica, Mexico (CHI, COL, GUE, JAL, OXA, QNR, SIN, TAM, VRC), Nicaragua, Panama, Paraguay, Peru, Puerto Rico, St. Vincent, Trinidad (incl. Tobago), Venezuela.

Limosina fulva Malloch, 1912: 4 [both sexes]. Type locality: Panama, Canal Zone, Tabernilla. HT female (USNM).

Leptocera (Limosina) fulva. - Malloch, 1914a: 15 [generic combination].

Leptocera (Leptocera) fulva. - Spuler, 1924b: 116 [subgeneric combination]; Richards, 1967b: 8 [Neotropical catalog].

Leptocera (Paracollinella) fulva. - Duda, 1925: 20 [subgeneric combination, key], 53-54 [redescription].

Limosina scutellaris Williston, 1896a: 432 [both sexes; a primary junior homonym of *Limosina scutellaris* Haliday, 1836 = *Chaetopodella scutellaris* (Haliday, 1836)]. Type locality: West Indies, Saint Vincent I. STs, both sexes (BMNH) [**Note:** there are probably additional syntypes in other institutions]. - Malloch, 1912: 8 [homonymy].

Limosina discalis Malloch, 1912: 8 [nom. n. for *Limosina scutellaris* Williston, 1896]. Type locality: West Indies, Saint Vincent I. - **syn.n.** (see p. 23).

Leptocera (Leptocera) discalis. - Spuler, 1924b: 116 [generic combination, illustr.]; Richards, 1967b: 8 [Neotropical catalog].

Leptocera koningsbergeri Duda, 1925. **Distr.:** Oriental: Indonesia (Java, Sumatra), Nepal.

Leptocera (Paracollinella) Koningsbergeri Duda, 1925: 49 [both sexes]. Type localities: Java, Tjibodas (= Cibodas) [5,000 - 6,000 ft] and "Buitenzon" (correctly Buitenzorg = Bogor); Sumatra, Suban Ajan. STs (ZMAN).

Leptocera (Leptocera) Koningsbergeri. - Duda, 1925: 210 [subgeneric combination].

Leptocera (Leptocera) koningsbergeri. - Deeming, 1969: 57 [distribution]; Hackman, 1977: 401 [Oriental catalog].

Leptocera (Leptocera) koningsbergeri. - Roháček, 1991b: 265 [misspelling].

Leptocera kovacsi Duda, 1925. **Distr.:** Afrotropical: Ethiopia, Zaire.

Leptocera (Paracollinella) Kovácsi Duda, 1925: 56 [both sexes]. Type localities: Ethiopia, Tshertsher and Dire-Daua. STs (HNHM).

Leptocera (Leptocera) Kovácsi. - Duda, 1925: 210 [subgeneric combination].

Limosina (Paracollinella) kovacsi. - Vanschuytbroeck, 1959a: 74 [generic combination].

Leptocera (Leptocera) kovacsi. - Richards, 1980: 619 [Afrotropical catalog].

Leptocera marginata (Adams, 1905). **Distr.:** Afrotropical: Botswana, Ethiopia, South Africa, Zimbabwe; Australasian/Oceanian: Australia (NSW, QLD).

Limosina marginata Adams, 1905: 200 [both sexes]. Type locality: Zimbabwe, Salisbury. LT male, designated by Richards, 1973: 304 (SEMC).

Leptocera (Paracollinella) marginata. - Duda, 1925: 21 [generic combination, key], 54-56 [redescription].

Leptocera (Leptocera) marginata. - Duda, 1925: 210 [subgeneric combination]; Richards, 1973: 304 [redescription, illustr.]; Richards, 1980: 619 [Afrotropical catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Limosina (Paracollinella) marginata. - Vanschuytbroeck, 1959a: 74 [list].

Paracollinella marginata. - Vanschuytbroeck, 1970: 265 [generic combination].

Leptocera melanaspis (Bezzi, 1908). **Distr.:** Afrotropical: Ethiopia, Kenya, South Africa, Uganda, Zaire.

Limosina melanaspis Bezzi, 1908a: 384 [male]. Type locality: Zaire, Kinshasa. HT male (ISNB).

Leptocera (Paracollinella) melanaspis. - Duda, 1925: 22 [generic combination, key], 58 [redescription].

Leptocera (Leptocera) melanaspis. - Duda, 1925: 210 [subgeneric combination]; Richards, 1980: 619 [Afrotropical catalog].

Limosina (Paracollinella) melanaspis. - Vanschuytbroeck, 1950a: 24 [diagnosis].

Paracollinella melanaspis. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Leptocera (Leptocera) melanaspis var. *velutina* Richards, 1938a: 382 [male]. Type locality: Kenya, Elgon Saw mill, E side Mount Elgon, camp II [2,470 m]. HT male (MNHN). - Richards, 1980: 619 [synonymy].

Leptocera mendozana Richards, 1931. **Distr.:** Neotropical: Argentina, ?Bolivia, Peru.

Leptocera (Leptocera) mendozana Richards, 1931: 82 [male]. Type locality: Argentina, Mendoza. HT male (BMNH). - Richards, 1967b: 8 [Neotropical catalog].

Leptocera neocurvinervis Richards, 1931. **Distr.:** Neotropical: Argentina, Chile.

Leptocera (Leptocera) neocurvinervis Richards, 1931: 74 [both sexes]. Type locality: Chile, Chiloé I., Ancud. HT male (BMNH). - Richards, 1967b: 9 [Neotropical catalog].

Leptocera nigra Olivier, 1813. **Distr.:** Afrotropical: Botswana, Cameroon, Cape Verde Is., Ethiopia, Kenya, Madagascar, Malawi, Mozambique, Ruanda-Burundi, South Africa, Zaire; Oriental: India (Uttaranchal), Nepal, ?Pakistan; Palaearctic: Algeria, Afghanistan, Andorra, Armenia, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Croatia, Cyprus, Czech Republic, Dalmatia, Denmark, Egypt, Finland, France, Georgia, Germany, Great Britain, Greece, Hungary, Italy (incl. Pantelleria I., Sardinia, Sicily), Iran, Israel, Japan, Jordan, Latvia, Lithuania, Macedonia, Madeira (Portugal), Malta, Morocco, Netherlands, North Korea, Norway, Poland, Portugal, Roumania, Russia (CET, ES, FE, NET, SET, WS), Slovakia, Slovenia, Spain (incl. Balearic Is.), Sweden, Switzerland,

Tadjikistan, Tunisia, Turkey, Uzbekistan, Yugoslavia (Montenegro, Serbia);
South Atlantic: Saint Helena.

Leptocera nigra Olivier, 1813: 489 [both sexes ?]. Type locality: France, Méry-sur-Oise. NT male, designated by Roháček, 1982b: 6 (HNHM).

Leptocera (Leptocera) nigra. - Roháček, 1982b: 6-13 [redescription, both sexes, phylogenetic notes, illustr.]; Papp, 1984: 90 [Palearctic catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Limosina curvinervis Stenhammar, 1855: 406 [both sexes ?]. Type locality: Sweden, Öland, Halltorps hage. NT male, designated by Roháček, 1982b: 6 (MZLU). - Roháček, 1982b: 6 [synonymy].

Leptocera (Paracollinella) curvinervis. - Duda, 1925: 20 [generic combination, key].

Leptocera (Leptocera) curvinervis. - Duda, 1925: 210 [subgeneric combination]; Richards, 1967b: 8 [Neotropical catalog]; Hackman, 1977: 401 [Oriental catalog]; Richards, 1980: 619 [Afrotropical catalog].

Limosina (Paracollinella) curvinervis. - Duda, 1938: 86 [redescription, illustr.].

Paracollinella curvinervis. - Frey, 1945: 76 [generic combination].

Leptocera (Leptocera) curvipennis. - Hackman, 1969b: 173 [misspelling].

Limosina roralis Rondani, 1880: 37 [both sexes]. Type locality: Italy. LT male, designated by Roháček, 1982b: 6 (MZUF). - Collin, 1912: 101 [synonymy].

Limosina (Collinella) roralis. - Duda, 1918: 72 [subgeneric combination, redescription].

Leptocera roralis. - Spuler in Cole & Lovett, 1921: 319 [generic combination].

Limosina (Paracollinella) roralis. - Duda, 1924b: 167 [subgeneric combination].

Limosina (Leptocera) roralis. - Frey, 1936: 108 [subgeneric combination].

Leptocera nigrolimbata Duda, 1925. **Distr.:** Oriental: India (West Bengal), Nepal, Taiwan. Palearctic: Russia (FE).

Leptocera (Paracollinella) nigrolimbata Duda, 1925: 60 [both sexes]. Type localities: Taiwan (Formosa), Taihorin and Chip-Chip and Hokuto. STs, both sexes (HNHM, ZMHB).

Leptocera (Leptocera) nigrolimbata. - Duda, 1925: 210 [subgeneric combination]; Deeming, 1969: 56 [distribution]; Hackman, 1977: 401 [Oriental catalog]; Papp, 1984: 90 [Palearctic catalog].

Leptocera oldenbergi (Duda, 1918). **Distr.:** Palearctic: Belgium, Czech Republic, Denmark, Georgia, Germany, Great Britain, Hungary, Latvia, Netherlands, Slovakia, Sweden, Switzerland.

Limosina (Collinella) Oldenbergi Duda, 1918: 66 [both sexes, illustr.]. Type locality: Germany, Berlin, Finkenkrug. LT male, designated by Roháček, 1982b: 28 (DEIC).

Limosina (Paracollinella) Oldenbergi. - Duda, 1924b: 167 [subgeneric combination]; Duda, 1938: 88 [redescription, illustr.].

Leptocera (Paracollinella) Oldenbergi. - Duda, 1925: 21 [subgeneric combination].

Leptocera (Leptocera) Oldenbergi. - Duda, 1925: 210 [subgeneric combination].

Leptocera (Leptocera) oldenbergi. - Richards, 1930: 284 [correct spelling]; Okely, 1974: 45, 49 [puparium, illustr.]; Roháček, 1982b: 5 [key], 28-33 [redescription, egg, phylogenetic notes, illustr.]; Papp, 1984: 90 [Palearctic catalog].

Limosina (Paracollinella) oldenbergi. - Vanschuytbroeck, 1959b: 50 [misspelling, misidentification].

Leptocera parafinalis Papp, 1973. **Distr.:** Palearctic: Mongolia.

Leptocera (Leptocera) parafinalis Papp, 1973a: 423 [both sexes]. Type locality: Mongolia, Bajan-Ölgij aimak, at Chovd gol river nr. Ölgij [1,750 m]. HT male (HNHM). - Roháček & Papp, 1983b: 212 [key], 218-220 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 90 [Palearctic catalog].

Leptocera paranigrolimbata Duda, 1925. **Distr.:** Oriental: Taiwan, India (West Bengal).

Leptocera (Paracollinella) paranigrolimbata Duda, 1925: 61 [both sexes]. Type localities: Taiwan, Polisha and Taihorin and Taihoku (= Taipei), district Macuyama [500 ft]. STs, both sexes (HNHM, ZMHB).

Leptocera (Leptocera) paranigrolimbata. - Duda, 1925: 210 [subgeneric combination]; Deeming, 1969: 57 [distribution]; Hackman, 1977: 401 [Oriental catalog].

Leptocera salatigae (de Meijere, 1914). **Distr.:** Afrotropical: Burkina Faso, Cabo Verde Is., Ghana, Guinea, Kenya, Madagascar, Malawi, Mozambique, Nigeria, Seychelles, Sierra Leone, South Africa, Uganda, Zaire; Australasian/Oceanian: American Samoa, Australia (NSW, QLD), Bonin I. (Japan), New Caledonia, Papua New Guinea, Samoa i Sisifo, Tonga; Oriental: India (Kashmir), Indonesia (Java, Flores, Krakatau), Nepal, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Vietnam; Palaearctic: Japan.

Limosina salatigae de Meijere, 1914: 269 [both sexes]. Type locality: Indonesia, Java, Salatiga. LT male, designated by Roháček, 1983b: 138 (ZMAN).

Leptocera (Leptocera) salatigae. - Roháček, 1983b: 138-143 [redescription, phylogenetic notes, illustr.]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Leptocera (Paracollinella) parafulva Duda, 1925: 54 [female]. Type locality: Taiwan, Taihoku. LT female, designated by Hayashi, 1995b: 556 (ZMHB). - Hayashi, 1995b: 556 [synonymy].

Leptocera (Leptocera) parafulva. - Duda, 1925: 210 [subgeneric combination]; Hackman, 1977: 401 [Oriental catalog].

Limosina (Paracollinella) saegeri Vanschuytbroeck, 1959a: 74 [both sexes, illustr.]. Type locality: Zaire, Parc National de la Garamba. HT male (MRAC). - **syn.n.** (see p. 23).

Paracollinella saegeri. - Vanschuytbroeck, 1970: 265 [misspelling of genus name, generic combination].

Leptocera (Leptocera) saegeri. - Richards, 1980: 619 [generic combination, Afrotropical catalog].

Leptocera schlingerii Richards, 1963. **Distr.:** Neotropical: Ecuador, Peru.

Leptocera (Leptocera) schlingerii Richards, 1963d: 235 [both sexes, illustr.]. Type locality: Ecuador, Napo-Pastaza, 6-8 mi W Mera [1,500 m]. HT male (CASC). - Richards, 1967b: 9 [Neotropical catalog].

Leptocera spinitarsata Papp, 1973. **Distr.:** Palaearctic: Mongolia.

Leptocera (Leptocera) spinitarsata Papp, 1973a: 424 [male]. Type locality: Mongolia, Chentej aimak, 10 km S Kerulen River, 10 km N Somon Tumunzogt [1,000 m]. HT male (HNHM). - Roháček & Papp, 1983b: 213 [key], 220-222 [redescription, male, phylogenetic notes, illustr.]; Papp, 1984: 90 [Palaearctic catalog].

Leptocera stenodiscoidalis Papp, 1991. **Distr.:** Oriental: Sri Lanka.

Leptocera (Leptocera) stenodiscoidalis Papp, 1991b: 245 [both sexes, phylogenetic notes, illustr.]. Type locality: Sri Lanka, NW Prov., Andapolakanda, 3 mi NE Melsiripura. HT male (MZLU).

Leptocera sterniloba Roháček, 1983. **Distr.:** Oriental: India (Uttaranchal), Nepal, Thailand, Vietnam.

Leptocera (Leptocera) sterniloba Roháček, 1983b: 143 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Taplejung distr., Sangu [6,200 ft]. HT male (BMNH).

Leptocera vomerata Roháček & Papp, 1983. **Distr.:** Nearctic: Canada (YT), USA (AK, NM, WY); Palaearctic: Russia (FE).

Leptocera (Leptocera) vomerata Roháček & Papp, 1983b: 213 [male, phylogenetic notes, illustr.]. Type locality: Russia, Far East, Amurskaya obl., Zeya. HT male (ZMUM).

Genus *Limomyza* Marshall, 1997

Limomyza Marshall, 1997a: 281 (feminine). Type species: *Limomyza cavernicola* Marshall, 1997, original designation. - Marshall, 1997a: 279-289 [diagnosis, revision, relationships, key, illustr.].

Limomyza archiptera Marshall, 1997. **Distr.:** Neotropical: Mexico (GUE, MEX, OXA).

Limomyza archiptera Marshall, 1997a: 283 [both sexes, illustr.]. Type locality: Mexico, Guerrero, 4 mi W Mazatlán [4,800 m]. HT male (CNCI).

Limomyza brevifrons (Duda, 1925) **comb.n. Distr.:** Neotropical: Paraguay.

Leptocera (Ceroptera) brevifrons Duda, 1925: 138 [both sexes, illustr.]. Type locality: Paraguay, Boquerón, Chaco. STs (NHMW).

Ceroptera brevifrons. - Vanschuytbroeck, 1945: 4 [generic combination, key]; Richards, 1967b: 7 [Neotropical catalog].

Ceroptera (Ceroptera) brevifrons. - Hackman, 1965a: 491 [key].

Limomyza cavernicola Marshall, 1997. **Distr.:** Nearctic: USA (CO, KY, MO, OK).

Limomyza cavernicola Marshall, 1997a: 285 [both sexes, illustr.]. Type locality: USA, Kentucky, Edmonson Co., Mammoth Cave National Park, Running Br. HT male (CNCI).

Limomyza hirta Marshall, 1997. **Distr.:** Neotropical: Mexico (DUR).

Limomyza hirta Marshall, 1997a: 287 [male, illustr.]. Type locality: Mexico, Durango, 10 mi W El Salto. HT male (CNCI).

Limomyza sharkeyi Marshall, 1997. **Distr.:** Neotropical: Guatemala, Mexico (CHI).

Limomyza sharkeyi Marshall, 1997a: 288 [female, illustr.]. Type locality: Guatemala, San Marcos, San Antonio Sacatepéquez [8,000 ft]. HT female (CNCI).

Limomyza venia Marshall, 1997. **Distr.:** Neotropical: Mexico (MEX, MOR).

Limomyza venia Marshall, 1997a: 288 [both sexes, illustr.]. Type locality: Mexico: Mexico, 1 mi NE Tenancingo [7,100 ft]. HT male (CNCI).

Genus *Limosina* Macquart, 1835

Limosina Macquart, 1835: 571 (feminine). Type species: *Borborus silvaticus* Meigen, 1830, subsequent designation by Westwood, 1840: 154. - Richards, 1930: 291 [as subgenus, partim]; Duda, 1938: 101 [as subgenus, partim]; Hackman, 1977: 401 [as genus; partim, Oriental catalog]; Roháček, 1982c: 221 [as genus; phylogeny]; Roháček, 1983e: 10-12 [as genus; redefinition, diagnosis, relationships]; Roháček, 1998a: 483 [as genus; diagnosis in key, illustr.].

Trichogaster Lioy, 1864: 1116 (feminine) [a junior homonym of *Trichogaster* Bloch & Schneider, 1801 (Pisces: Belontiidae)]. Type species: *Borborus silvaticus* Meigen, 1830, monotypy. - Richards, 1930: 265 [homonymy, synonymy].

Scotophilella Duda, 1918: 34 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Borborus silvaticus* Meigen, 1830, subsequent designation by Duda, 1924a: 6. - Richards, 1930: 266, 291 [synonymy].

Limosina silvatica (Meigen, 1830). **Distr.:** Palaearctic: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Italy, Netherlands, Norway, Poland, Roumania, Russia (CET, NET, SET), Slovakia, Spain, Sweden, Switzerland, Tunisia, Ukraine, Yugoslavia.

Borborus silvaticus Meigen, 1830: 207 [both sexes]. Type locality: France, Paris. LT male, designated by Roháček, 1983e: 11 (NHMW). - Morge, 1976: Pl. 163, Figs 10a-c (female), Pl. 215, Figs 5a-c (male) [Meigen's original illustr.].

Limosina silvatica. - Macquart, 1835: 572 [generic combination]; Laurence 1955a: 189 [biology, preimaginal stages, illustr.]; Roháček, 1982c: 228, 237-239, 251-252 [illustr.]; Roháček, 1983e: 11-12 [redescription, phylogenetic notes]; Papp, 1984: 103 [Palaearctic catalog]; Smith, 1989: 206 [cephalopharyngeal skeleton, illustr.].

Copromyza silvatica. - Zetterstedt, 1838: 771 [generic combination].

Trichogaster silvatica. - Lioy, 1864: 1116 [generic combination].

Limosina (Scotophilella) silvatica. - Duda, 1918: 105 [subgeneric combination, illustr.].

Leptocera (Scotophilella) silvatica. - Duda, 1925: 154 [generic combination].

Leptocera (Limosina) silvatica. - Richards, 1930: 291 [subgeneric combination].

Limosina (Limosina) silvatica. - Duda, 1938: 146 [redescription].

Leptocera silvatica. - Goddard, 1938: 238-240 [egg, puparium, cephalopharyngeal skeleton, illustr.].

Limosina sylvatica. - Rondani, 1880: 28 [misspelling].

Genus *Limosinella* Richards, 1968

Limosinella Richards, 1968c: 105 (feminine). Type species: *Limosinella polita* Richards, 1968 [= *Limosinella munda* (Collin, 1912)], original designation. - Richards, 1980: 623 [Afrotropical catalog].

Limosinella munda (Collin, 1912) **comb.n.** **Distr.:** Afrotropical: Seychelles, South Africa.

Limosina munda Collin, 1912: 103 [both sexes]. Type localities: Seychelles, Mahé, near Morne Blanc; and the high forest of Morne Blanc and Pilot. STs, both sexes (BMNH).

Leptocera (Scotophilella) munda. - Duda, 1925: 186 [generic combination, morphological notes].

Leptocera (Limosina) munda. - Richards, 1980: 620 [subgeneric combination; Afrotropical catalog].

Limosina munda var. *bracata* Collin, 1912: 103 [female]. Type localities: Seychelles, Mahé, high forest of Morne Blanc and Pilot; and Cascade Estate. STs females (BMNH). - Richards, 1980: 620 [synonymy].

Leptocera (Scotophilella) munda var. *bracata*. - Duda, 1925: 187 [generic combination].

Limosinella polita Richards, 1968c: 106 [both sexes, illustr.]. Type locality: South Africa, Transvaal, Pietersburg district, Woodbush Forest. HT male (NMSA). - Richards, 1980: 623 [Afrotropical catalog]. - **syn.n.** (see p. 23).

Genus *Lobeliomyia* Richards, 1951

Lobeliomyia Richards, 1951a: 841 (feminine). Type species: *Lobeliomyia scotti* Richards, 1951, original designation. - Richards, 1955b: 301 [diagnosis in key]; Richards, 1965a: 458 [diagnosis in key]; Hackman, 1969a: 207 [list, biogeography]; Richards, 1980: 623 [Afrotropical catalog].

Lobeliomyia scotti Richards, 1951. **Distr.:** Afrotropical: Ethiopia.

Lobeliomyia scotti Richards, 1951a: 841 [female, illustr.]. Type locality: Ethiopia, Mt. Chillalo [12,000-13,000 ft]. HT female (BMNH). - Richards, 1980: 623 [Afrotropical catalog].

Genus *Mesaptilotus* Richards, 1951

Mesaptilotus Richards, 1951a: 829 (masculine). Type species: *Mesaptilotus pollinosus* Richards, 1951, original designation. - Richards, 1955b: 301 [diagnosis in key]; Richards, 1963c: 165-179 [diagnosis, revision, illustr., key, zoogeography]; Richards, 1965a: 458 [diagnosis in key]; Hackman, 1969a: 199, 208 [phylogenetic notes, biogeography]; Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus ancoralis Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus ancoralis Richards, 1963c: 167 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kabare, contreforts S.O. de Kahuzi [2,200 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus belemnus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus belemnus Richards, 1963c: 170 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, Kahuzi versant S.-O. [2,770 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus bihamatus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus bihamatus Richards, 1963c: 171 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire d'Uvira, Haut Luvubu [2,750 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus disjunctus Richards, 1965. **Distr.:** Afrotropical: Tanzania.

Mesaptilotus disjunctus Richards, 1965a: 438 [both sexes, illustr.]. Type locality: Tanzania, Kilimanjaro, Bismarck Hügel [3,100 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus flavitarsis Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus flavitarsis Richards, 1963c: 173 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Lubero [2,200 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus hamatus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus hamatus Richards, 1963c: 170 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kabare, contreforts S.-E. du Kahuzi [2,080 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus laminatus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus laminatus Richards, 1963c: 170 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kalehe, versant S. du Kahuzi [2,850 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus minimus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus minimus Richards, 1963c: 171 [female]. Type locality: Zaire, district du Kivu, territoire de Kabare, Nyakasiba [1,600 m]. HT female (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus ochritarsis Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus ochritarsis Richards, 1963c: 173 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kalehe, versant S. du Kahuzi [2,850 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus pollinosus Richards, 1951. **Distr.:** Afrotropical: Uganda.

Mesaptilotus pollinosus Richards, 1951a: 829 [both sexes, illustr.]. Type locality: Uganda, Ruwenzori Range, Namwamba Valley [13,500 ft]. HT female (BMNH). - Richards, 1963c: 166 [diagnosis]; Richards, 1965a: 437-438 [male genitalia, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus setitibia Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus setitibia Richards, 1963c: 172 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Mwenga, extrémité sud du Lac Lungwe [2,750 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus tibiellus Richards, 1963. **Distr.:** Afrotropical: Zaire.

Mesaptilotus tibiellus Richards, 1963c: 174 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Kabare, contreforts S.-E. du Kahuzi [2,080-2,200]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus tumidus Richards, 1963. **Distr.:** Afrotropical: Ruanda, Zaire.

Mesaptilotus tumidus Richards, 1963c: 168 [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire de Mwenga, Itombwe S.-O., mine d'or Luiko [2,050 m]. - Richards, 1980: 623 [Afrotropical catalog].

Mesaptilotus vittifrons Richards, 1955. **Distr.:** Afrotropical: Ruanda.

Mesaptilotus vittifrons Richards, 1955b: 296 [both sexes]. Type locality: Ruanda, Rutovu, forêt du Rugege [2,350 m]. HT female (MRAC). - Richards, 1963c: 166-167 [redescription, illustr.]. - Richards, 1980: 623 [Afrotropical catalog].

Genus *Minilimosina* Roháček, 1983

Minilimosina Roháček, 1983e: 27 (feminine). Type species: *Limosina fungicola* Haliday, 1836, original designation. - Roháček, 1983e: 27-46 [diagnosis, key, revision of European species, illustr.]; Marshall, 1985b: 2-60 [revision of New World species, key, phylogeny, illustr.]; Marshall & Richards, 1987: 1004 [diagnosis in key]; Marshall, 1989b: 604 [Australasian/Oceanian catalog]; Roháček, 1998a: 489 [diagnosis in key, illustr.].

Minilimosina Roháček, 1982c: 222 [nomen nudum, phylogeny].

Allolimosina: see below as subgenus.

Amputella: see below as subgenus.

Svarciella: see below as subgenus.

Subgenus *Allolimosina* Roháček, 1983

Allolimosina Roháček, 1983e: 43 (feminine) [as subgenus of *Minilimosina* Roháček, 1983].
Type species: *Limosina (Scotophilella) albinervis* Duda, 1918, original designation. - Roháček, 1983e: 43-46 [revision of European species]; Marshall, 1985b: 18-20 [revision of New World species]; Roháček, 1998a: 489 [diagnosis in key, illustr.].
Allolimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Minilimosina (A.) albinervis (Duda, 1918). **Distr.:** Nearctic: Canada (ON), USA (DC, IL, MN, VA); Palaearctic: Afghanistan, Germany, Great Britain, Hungary, Israel, Poland, Roumania, Slovakia, Spain.

Limosina (Scotophilella) albinervis Duda, 1918: 131 [both sexes, illustr.]. Type locality: Germany, Ilfeld, S-Harz. LT male, designated by Roháček, 1983e: 44 (ZMHB).

Leptocera (Scotophilella) albinervis. - Duda, 1925: 158 [generic combination].

Leptocera (Limosina) albinervis. - Richards, 1930: 297 [subgeneric combination].

Limosina (Limosina) albinervis. - Duda, 1938: 107 [redescription, illustr.].

Minilimosina (Allolimosina) albinervis. - Roháček, 1983e: 44-45, 183-185 [generic combination, redescription, phylogenetic notes, illustr.]; Marshall, 1985b: 18 [diagnosis].

Limosina albinervis. - Papp, 1984: 95 [Palaearctic catalog].

Minilimosina (A.) alloneura (Richards, 1952). **Distr.:** Palaearctic: Austria, Czech Republic, Great Britain, Hungary, Italy, Poland, Slovakia, Spain, Switzerland.

Leptocera (Limosina) alloneura Richards, 1952b: 90 [both sexes, illustr.]. Type locality: Austria, Hall bei Admont. HT male (BMNH).

Minilimosina (Allolimosina) alloneura. - Roháček, 1983e: 45-46, 185-188 [generic combination, redescription, phylogenetic notes, illustr.].

Limosina alloneura. - Papp, 1984: 95 [Palaearctic catalog].

Minilimosina (A.) paralbinervis (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina paralbinervis Papp, 1973a: 402 [male]. Type locality: Mongolia, Bulgan aimak, Dasincsilen. HT male (HNHM). - Papp, 1984: 101 [Palaearctic catalog].

Minilimosina (Allolimosina) paralbinervis. - Roháček, 1983e: 44 [generic combination].

Minilimosina (A.) pseudoalbinervis (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina pseudoalbinervis Papp, 1973a: 402 [female]. Type locality: Mongolia, Bulgan aimak, Dasincsilen. HT female (HNHM). - Papp, 1984: 102 [Palaearctic catalog].

Minilimosina (Allolimosina) pseudoalbinervis. - Roháček, 1983e: 44 [generic combination].

Minilimosina (A.) rotundipennis (Malloch, 1913). **Distr.:** Nearctic: USA (AZ, FL, TX); Neotropical: Argentina, Brazil, Galápagos Is. (Ecuador), Jamaica, Mexico (CHI, JAL, TAB), Puerto Rico, Trinidad, Saint Kitts.

Limosina rotundipennis Malloch, 1913a: 370 [female]. Type locality: Puerto Rico, Culebral. HT female (USNM).

Leptocera (Scotophilella) rotundipennis. - Spuler, 1925c: 149 [generic combination].

Leptocera (Limosina) rotundipennis. - Richards, 1967b: 15 [subgeneric combination, Neotropical catalog].

Minilimosina (Allolimosina) rotundipennis - Marshall, 1985b: 19-20 [generic combination, redescription].

Leptocera (Scotophilella) curvitaris Duda, 1925: 167 [male, erroneously reported as female]. Type locality: Brazil, Blumenau. HT male (NHMW). - Marshall, 1985b: 19 [synonymy].

Leptocera (Limosina) curvitaris. - Richards, 1967b: 14 [subgeneric combination; Neotropical catalog].

Minilimosina (A.) secundaria (Duda, 1918). **Distr.:** Palaearctic: Germany, Great Britain, Hungary, Spain, Sweden.

Limosina (Scotophilella) secundaria Duda, 1918: 133 [female, illustr.]. Type locality: Germany, Ilfeld, S.-Harz. HT female (ZMHB).

Leptocera (Scotophilella) secundaria. - Duda, 1925: 158 [generic combination].

Leptocera (Limosina) secundaria. - Richards, 1930: 298 [subgeneric combination].

Limosina (Limosina) secundaria. - Duda, 1938: 145 [diagnosis, illustr.].

Minilimosina (Allolimosina) secundaria. - Roháček, 1983e: 46, 188-189 [generic combination, redescription, phylogenetic notes, illustr.]; Roháček, 1993b: 202 [male genitalia, illustr.].

Limosina secundaria. - Papp, 1984: 103 [Palaearctic catalog].

Subgenus *Amputella* Marshall, 1985

Amputella Marshall, 1985b: 30 (feminine) [as subgenus of *Minilimosina* Roháček, 1983]. Type species: *Minilimosina (Amputella) ternaria* Marshall, 1985, original designation. - Marshall, 1985b: 30-36 [diagnosis, key, revision of New World species, illustr.].

Minilimosina (A.) bistylus Marshall, 1985. **Distr.:** Neotropical: Costa Rica, Guatemala, Honduras, Mexico (OXA, CHI, HID, PUE, VRC), Panama.

Minilimosina (Amputella) bistylus Marshall, 1985b: 31 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Hidalgo, 3.2 & 3.5 mi N Tlanchinol [5,100 ft]. HT male (MCZC).

Minilimosina (A.) curvistylus Marshall, 1985. **Distr.:** Neotropical: Panama.

Minilimosina (Amputella) curvistylus Marshall, 1985b: 32 [both sexes, phylogenetic notes, illustr.]. Type locality: Panama, Chiriquí, 4.5 km E Cerro Punta [2,500 m]. HT male (CNCI).

Minilimosina (A.) digitata Marshall, 1985. **Distr.:** Neotropical: Mexico (CHI, OXA, SLP, VRC), Panama.

Minilimosina (Amputella) digitata Marshall, 1985b: 32 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Veracruz, 4 mi N Huatusco [4,100 ft]. HT male (MCZC).

Minilimosina (A.) erecta Marshall, 1985. **Distr.:** Neotropical: Mexico (MOR, OXA).

Minilimosina (Amputella) erecta Marshall, 1985b: 33 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Oaxaca, 1.7 mi W jct. Mex. 175 and Yuvila Rd. [9,400 ft]. HT male (MCZC).

Minilimosina (A.) priapismus Marshall, 1985. **Distr.:** Neotropical: Guatemala, Mexico (CHI).

Minilimosina (Amputella) priapismus Marshall, 1985b: 34 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Chiapas, 10 mi SE San Cristóbal de las Casas [8,000 ft]. HT male (MCZC).

Minilimosina (A.) ternaria Marshall, 1985. **Distr.:** Nearctic: Canada (AB, MB, ON, QC), USA (AR, AZ, MA, NC, NM, TX); Neotropical: Mexico (DUR, OXA).

Minilimosina (Amputella) ternaria Marshall, 1985b: 35 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Arizona, Coconino Co., Flagstaff, Oak Creek Canyon [5,900 ft]. HT male (CNCI).

Subgenus *Minilimosina* Roháček, 1983

Minilimosina Roháček, 1983e: 27 (see above under the genus). - Roháček, 1983e: 37-43 [as subgenus of *Minilimosina* Roháček, 1983; diagnosis, illustr.]; Marshall, 1985b: 6-18 [as subgenus; revision of Nearctic species, illustr.]; Roháček, 1993b: 192-201 [as subgenus; European species, key, illustr.]; Roháček, 1998a: 489 [as subgenus; diagnosis in key, illustr.].

Minilimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Minilimosina (M.) accinta Marshall, 1985. **Distr.:** Nearctic: USA (UT).

Minilimosina (Minilimosina) accinta Marshall, 1985b: 7 [male, phylogenetic notes, illustr.]. Type locality: USA, Utah, Duchesne Co., Uinta Mts., Rocky Sea Pass (11,200 ft); HT male (CNCI).

Minilimosina (M.) baculum Marshall, 1985. **Distr.:** Nearctic: Canada (BC, ON), USA (AK); Palaearctic: Finland, Great Britain, Spain.

Minilimosina (Minilimosina) baculum Marshall, 1985b: 7 [male, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Ottawa; HT male (CNCI). - Pitkin, 1988: 122 [female spermathecae, illustr.].

Minilimosina (M.) bicuspis Roháček, 1993. **Distr.:** Palaearctic: Czech Republic, Finland, Germany, Norway, Slovakia, Sweden, ?Spain, Great Britain.

Minilimosina (Minilimosina) bicuspis Roháček, 1993b: 198 [both sexes, phylogenetic notes, illustr.]. Type locality: Czech Republic, Moravia sept., Opava-Slavkov env., valley of Hvozdnice river. HT male (SMOC).

Minilimosina (M.) caelator Roháček, 1988. **Distr.:** Palaearctic: Greece (Thíra).

Minilimosina (Minilimosina) caelator Roháček, 1988: 227 [male, phylogenetic notes, illustr.]. Type locality: Greece, Santorini I. (= Thíra). HT male (SMNS).

Minilimosina (M.) fungicola (Haliday, 1836). **Distr.:** Nearctic: Canada (BC, NB, NT, ON, QC), USA (CO, MI, NC, WA); Palaearctic: Andorra, ?Azores (Portugal), Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, Germany, Great Britain, Hungary, ?Iceland, Ireland, Italy, Latvia, ?Madeira (Portugal), Netherlands, Norway, Poland, Slovakia, Spain, Sweden, Switzerland.

Limosina fungicola Haliday, 1836: 330 [both sexes ?]. Type locality: Ireland, Holywood. LT male, designated by Roháček, 1983e: 39 (NMID). - Papp, 1984: 98 [Palaearctic catalog].

Leptocera (Limosina) fungicola. - Richards, 1930: 293 [generic combination]; Richards, 1980: 620 [Afrotropical catalog].

Leptocera fungicola. - Goddard, 1938: 241-242 [puparium, illustr.].

Minilimosina (Minilimosina) fungicola. - Roháček, 1983e: 39-40, 175-177 [generic combination, redescription, phylogenetic notes, illustr.]; Marshall, 1985b: 8 [diagnosis, illustr.].

Limosina fungivora. - Hackman, 1972: 87 [misspelling].

Limosina exigua Rondani, 1880: 24. Type locality: Czech Republic, Bohemia, Asch [= Aš]. LT male, designated by Roháček 1983e: 39 (MZUF). - Roháček, 1983e: 39 [synonymy].

Limosina (Scotophilella) exigua. - Duda, 1918: 120 [subgeneric combination, illustr.].

Leptocera (Scotophilella) exigua. - Duda, 1925: 155 [generic combination].

Limosina (Limosina) exigua. - Duda, 1938: 120 [subgeneric combination, illustr.].

Minilimosina (M.) gemella Roháček, 1983. **Distr.:** Nearctic: Canada (NB, ON, QC, SK), USA (MI, WV); Palaearctic: Andorra, Austria, Czech Republic, Germany, Great Britain, Norway, Sweden.

Minilimosina (Minilimosina) gemella Roháček, 1983e: 40 [male, phylogenetic notes], 177-178 [illustr.]. Type locality: Austria, Tyrol, Obergurgl Mt. [1,980 m]. HT male (JRO). - Marshall, 1985b: 8 [both sexes, illustr.]; Roháček, 1993b: 193-194 [female, illustr.].

Minilimosina (M.) hispidula Roháček, 1988. **Distr.:** Palaearctic: Norway, Sweden.

Minilimosina (Minilimosina) hispidula Roháček, 1988: 223 [male, phylogenetic notes, illustr.]. Type locality: Sweden, Lule Lappmark, Messaure. HT male (NHRS).

Minilimosina (M.) intermedia Marshall, 1985. **Distr.:** Nearctic: Canada (NS, QC); Palaearctic: Sweden.

Minilimosina (Minilimosina) intermedia Marshall, 1985b: 9 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Quebec, Mt. Albert, Gaspé Prov. Pk. HT male (CNCI); Roháček, 1993b: 192-193 [taxonomic notes, illustr.].

Minilimosina (M.) knightae (Harrison, 1959) **comb.n.** **Distr.:** Australasian/Oceanian: New Zealand.

Leptocera (Limosina) knightae Harrison, 1959: 273 [both sexes, illustr.]. Type locality: New Zealand, Waitakere Ranges. HT male (NZAC). - Richards, 1973: 373 [diagnosis]; Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Minilimosina (M.) kozaneki (Kuznetzova, 1991) **comb.n.** **Distr.:** Palaearctic: North Korea.

Trachyopella kozaneki Kuznetzova, 1991: 55 [male, illustr.]. Type locality: North Korea, Paekdu-san Mts., Onsupjong. HT male (SNMC).

Minilimosina (M.) lepida Marshall, 1985. **Distr.:** Nearctic: Canada (ON, SK).

Minilimosina (Minilimosina) lepida Marshall, 1985b: 10 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Saskatchewan, Cypress Hills. HT male (CNCI).

Minilimosina (M.) longisternum Marshall, 1985. **Distr.:** Neotropical: Mexico (OXA).

Minilimosina (Minilimosina) longisternum Marshall, 1985b: 10 [both sexes, illustr.]. Type locality: Mexico, Oaxaca, 1.4 mi E jct. Mex. 175 and Yuvila Rd. [9,300 ft]. HT (MCZC).

Minilimosina (M.) meszarosi (Papp, 1974). **Distr.:** Palaearctic: Mongolia.

Limosina meszarosi Papp, 1974d: 258 [both sexes, illustr.]. Type locality: Mongolia, Suchebaator aimak, 120 km NW from Baruun Urt. HT female (HNHM). - Papp, 1984: 100 [Palaearctic catalog].

Minilimosina (Minilimosina) meszarosi. - Roháček, 1983e: 38 [generic combination].

Minilimosina (M.) microtophila (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina microtophila Papp, 1973a: 399 [male]. Type locality: Mongolia, Čojbalsan aimak, 80 km NW of Čojbalsan [700 m]. HT male (HNHM). - Papp, 1984: 100 [Palaearctic catalog].

Minilimosina (Minilimosina) microtophila. - Roháček, 1983e: 38 [generic combination].

Minilimosina (M.) nasuta (Spuler, 1925). **Distr.:** Nearctic: Canada (BC), USA (AZ, NM, WA).

Leptocera (Scotophilella) nasuta Spuler, 1925c: 84 [both sexes, illustr.]. Type locality: USA, Washington, Pullman. HT male (USNM).

Leptocera (Limosina) nasuta. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Minilimosina (? Svarciella) nasuta. - Roháček, 1983e: 31 [generic combination].

Minilimosina (Minilimosina) nasuta. - Marshall, 1985b: 11 [subgeneric combination, redescription, illustr.].

Minilimosina (M.) parafungicola (Papp, 1974). **Distr.:** Palaearctic: Mongolia.

Limosina parafungicola Papp, 1974d: 259 [both sexes, illustr.]. Type locality: Mongolia, Central aimak, 11 km S of Pass Zosijn davaa, ca. 80 km S of Ulan-Baator [1,650 m]. HT female (HNHM). - Papp, 1984: 101 [Palaearctic catalog].

Minilimosina (Minilimosina) parafungicola. - Roháček, 1983e: 39 [generic combination].

Minilimosina (M.) parva (Malloch, 1913). **Distr.:** Nearctic: Canada (BC, MB, NB, NS, ON, QC), USA (AK, AR, AZ, DC, GA, IL, IN, KY, LA, MA, MD, MI, MS, NC, NH, NJ, NY, PA, TN, TX, VA, WA, WV).

Limosina parva Malloch, 1913a: 371 [male]. Type locality: USA, District of Columbia, Nat. Mus., on windows. HT male (USNM).

Leptocera (Scotophilella) parva. - Spuler, 1925c: 82 [generic combination].

Leptocera (Limosina) parva. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Minilimosina (Minilimosina) parva. - Marshall, 1985b: 12-14 [generic combination, redescription, illustr.].

Minilimosina (M.) parvula (Stenhammar, 1855). **Distr.:** Nearctic: Canada (AB, MB, NB, NS, ON, QC), USA (AK, MA, NY, MI, NH, NC, OR, PA, TN, VA, WV); Palaearctic: Andorra, Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Finland, Germany, Great Britain, Hungary, Italy, Norway, Poland, Portugal, Russia (SET), Slovakia, Spain, Sweden, Switzerland.

Limosina parvula Stenhammar, 1855: 422 [both sexes]. Type locality: Sweden, „Ostrogothia, ad Häradshammar“ or „Hallandia“ [not recognizable from the type material]. LT female, designated by Roháček, 1981: 165 (UZI). - Roháček, 1981: 165 [diagnosis, illustr.]; Papp, 1984: 101 [Palaearctic catalog].

Minilimosina (Minilimosina) parvula. - Roháček, 1983e: 42-43, 179, 181-182 [generic combination, redescription, phylogenetic notes, illustr.]; Marshall, 1985b: 14 [diagnosis, illustr.]; Buck, 1997a: 146 [biology].

Minilimosina (M.) pulpa Marshall, 1985. **Distr.:** Nearctic: Canada (MB), USA (MT, WY).

Minilimosina (Minilimosina) pulpa Marshall, 1985b: 15 [male, phylogenetic notes, illustr.]. Type locality: USA, Wyoming, Sublette Co., 7 mi N Pinedale. HT male (CNCI).

Minilimosina (M.) rohaceki (Papp, 1978). **Distr.:** Palaearctic: Afghanistan.

Limosina rohaceki Papp, 1978a: 159 [female]. Type locality: Afghanistan, Prov. Kabul, Tseheltan, 17 km WSW from Kabul [1,950 m]. HT female (HNHM). - Papp, 1984: 103 [Palaearctic catalog].

Minilimosina (Minilimosina) rohaceki. - Papp & Roháček, 1987: 89 [generic combination].

Minilimosina (M.) sclerophallus Marshall, 1985. **Distr.:** Neotropical: Colombia, Ecuador, Venezuela.

Minilimosina (Minilimosina) sclerophallus Marshall, 1985b: 15 [both sexes, phylogenetic notes, illustr.]. Type locality: Venezuela, Tachira, 4.5 km NE San Cristóbal [9,000 ft]. HT male (CNCI).

Minilimosina (M.) similissima (Papp, 1974). **Distr.:** Palaearctic: Mongolia.

Limosina similissima Papp, 1974d: 261 [both sexes, illustr.]. Type locality: Mongolia, Sucheabaator aimak, 120 km NW from Baruun Urt. HT female (HNHM). - Papp, 1984: 104 [Palaearctic catalog].

Minilimosina (M.) similissima. - Roháček, 1983e: 38 [generic combination].

Minilimosina (M.) sitka Marshall in Marshall & Winchester, 1999. **Distr.:** Nearctic: Canada (BC).

Minilimosina sitka Marshall in Marshall & Winchester, 1999: 708 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Upper Carmanah Valley. HT male (DEBU).

Minilimosina (M.) tenera Roháček, 1983. **Distr.:** Palaearctic: Czech Republic, Finland, Sweden.

Minilimosina (Minilimosina) tenera Roháček, 1983e: 38 [male, phylogenetic notes], 173-174 [illustr.]. Type locality: Czech Republic, Moravia, H. Jeseník Mts., peat-bog Skřítek. HT male (SMOC). - Roháček, 1993b: 200 [key].

Minilimosina (M.) trogeri Roháček, 1983. **Distr.:** Nearctic: Canada (ON, QC), USA. (MA, WY); Palaearctic: Austria, ?Spain, Sweden, Switzerland.

Minilimosina (Minilimosina) trogeri Roháček, 1983e: 41 [both sexes, phylogenetic notes, illustr.]. Type locality: Austria, Tyrol, Obergurgl Mt. [1,950 m]. HT male (JRO). - Marshall, 1985b: 16-17 [diagnosis, female, illustr.]; Roháček, 1993b: 195, 200 [taxonomic notes, key].

Minilimosina trogeri Roháček, 1982c: 220 [nomen nudum].

Minilimosina (M.) tuberculum Marshall, 1985. **Distr.:** Nearctic: USA (CA, WY).

Minilimosina (Minilimosina) tuberculum Marshall, 1985b: 17 [male, phylogenetic notes, illustr.]. Type locality: USA, Wyoming, Uinta Co., 8 mi SE Evanston [7,100 ft]. HT male (CNCI).

Minilimosina (M.) zeda Marshall, 1985. **Distr.:** Nearctic: Canada (AB), USA (AK).

Minilimosina (Minilimosina) zeda Marshall, 1985b: 17 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Alberta, Hinton. HT (CNCI). - Marshall & Richards, 1987: 1000 [diagnosis in key].

Subgenus *Svarciella* Roháček, 1983

Svarciella Roháček, 1983e: 30 (feminine) [as subgenus of *Minilimosina* Roháček, 1983]. Type species: *Limosina (Scotophilella) splendens* Duda, 1928 [= *Minilimosina v-atrum* (Villeneuve, 1917)], original designation. - Roháček, 1983e: 30-37 [diagnosis, revision of European species, illustr.]; Marshall, 1985b: 20-30 [revision of Nearctic species, phylogeny, illustr.]; Roháček & Marshall, 1988: 241-282 [review of world species, key, phylogeny, illustr.]; Marshall, 1989b: 604 [Australasian/Oceanian catalog]; Roháček, 1998a: 489 [diagnosis in key, illustr.].

Svarciella Roháček, 1982c: 222 [nomen nudum, phylogeny].

Minilimosina (S.) amphicuspa Roháček & Marshall, 1988. **Distr.:** Oriental: Nepal.

Minilimosina (Svarciella) amphicuspa Roháček & Marshall, 1988: 256 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Kachuhani nr. Birganj [450 ft]. HT male (CNCI).

Minilimosina (S.) archboldi Marshall, 1985. **Distr.:** Nearctic: USA (FL).

Minilimosina (Svarciella) archboldi Marshall, 1985b: 21 [male, phylogenetic notes, illustr.]. Type locality: USA, Florida, Highlands Co., Archbold Biological Station. HT male (CNCI). - Roháček & Marshall, 1988: 244 [key].

- Minilimosina (S.) aterga*** Roháček & Marshall, 1988. **Distr.:** Oriental: Nepal.
Minilimosina (Svarciella) aterga Roháček & Marshall, 1988: 248 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Katmandu, Godavari [6,000 ft]. HT male (CNCI).
- Minilimosina (S.) bipara*** Marshall, 1985. **Distr.:** Neotropical: Costa Rica, Ecuador, Guatemala, Mexico (CHI, HID, OXA, VRC), Panama, Venezuela.
Minilimosina (Svarciella) bipara Marshall, 1985b: 21 [both sexes, phylogenetic notes, illustr.]. Type locality: Panama, Chiriquí, 2 km E Cerro Punta [2,200 m]. HT male (CNCI). - Roháček & Marshall, 1988: 244 [key].
- Minilimosina (S.) brachyptera*** Roháček & Marshall, 1988. **Distr.:** Oriental: Nepal.
Minilimosina (Svarciella) brachyptera Roháček & Marshall, 1988: 253 [both sexes, phylogenetic notes, illustr.]. Type locality: E. Nepal, Kosi, Val. Induwa Kola [2,100 m]. HT male (MHNG).
- Minilimosina (S.) concinna*** Roháček & Marshall, 1988. **Distr.:** Oriental: Philippines.
Minilimosina (Svarciella) concinna Roháček & Marshall, 1988: 251 [both sexes, phylogenetic notes, illustr.]. Type locality: Philippines, Palawan, Mantalingajan, Tagembung [1,150 m]. HT male (ZMUC).
- Minilimosina (S.) contrasta*** Marshall, 1985. **Distr.:** Nearctic: Canada (ON, QC), USA (FL, MD, VA).
Minilimosina (Svarciella) contrasta Marshall, 1985b: 22 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Ottawa. HT male (CNCI). - Roháček & Marshall, 1988: 243 [key].
- Minilimosina (S.) cornigera*** Roháček & Marshall, 1988. **Distr.:** Oriental: Malaysia.
Minilimosina (Svarciella) cornigera Roháček & Marshall, 1988: 255 [male, phylogenetic notes, illustr.]. Type locality: Malaysia, Kuala Lumpur, Ulu Gombak. HT male (CNCI).
- Minilimosina (S.) dissimilicosta*** (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC, YT), USA (AK, CO, NM, UT, WA).
Leptocera (Scotophilella) dissimilicosta Spuler, 1925c: 148 [both sexes, illustr.]. Type locality: USA, Washington, Olga. HT female (USNM).
Leptocera (Limosina) dissimilicosta. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].
Minilimosina (Svarciella) dissimilicosta. - Marshall, 1985b: 23-24 [generic combination, re-description, phylogenetic notes, illustr.]; Roháček & Marshall, 1988: 244, 246 [key, taxonomic notes].
- Minilimosina (S.) egena*** Roháček, 1992. **Distr.:** Palaearctic: Switzerland.
Minilimosina (Svarciella) egena Roháček, 1992a: 173 [male, phylogenetic notes, illustr.]. Type locality: Switzerland, Zürich. HT male (ETHZ).
- Minilimosina (S.) fanta*** Roháček & Marshall, 1988. **Distr.:** Oriental: Nepal.
Minilimosina (Svarciella) fanta Roháček & Marshall, 1988: 249 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Katmandu, Pulchauki [6,800 ft]. HT male (CNCI).
- Minilimosina (S.) flagrella*** Roháček & Marshall, 1988. **Distr.:** Australasian/Oceanian: Papua New Guinea (Bismarck Is.).
Minilimosina (Svarciella) flagrella Roháček & Marshall, 1988: 255 [both sexes, phylogenetic notes, illustr.]. Type locality: Papua New Guinea, Bismarck Is., Mussau, Talumalaus. HT male (ZMUC). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].
- Minilimosina (S.) floreni*** Roháček & Marshall, 1985. **Distr.:** Palaearctic: Czech Republic, Sweden.

Minilimosina (Svarciella) floreni Roháček & Marshall, 1988: 245 [male, phylogenetic notes, illustr.]. Type locality: Sweden, Småland, Lagan, Trotteslov. HT male (NHRS). - Roháček, 1996: 221-223 [female, illustr.].

Minilimosina (S.) furculipexa Roháček & Marshall, 1988. **Distr.:** Oriental: Nepal.

Minilimosina (Svarciella) furculipexa Roháček & Marshall, 1988: 250 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Arun Valley, below Tumlingtar, River Sabhaya, west shore [1,800 ft]. HT male (BMNH).

Minilimosina (S.) furculisterna (Deeming, 1969). **Distr.:** Oriental: Nepal; Palaeartic: Japan.

Leptocera (Limosina) furculisterna Deeming, 1969: 70 [male, illustr.]. Type locality: Nepal, Taplejung Distr., between Sangu and Tamrang [5,200 ft]. HT male (BMNH).

Limosina furculisterna. - Hackman, 1977: 403 [generic combination, Oriental catalog]; Papp, 1984: 99 [Palaeartic catalog].

Minilimosina (Svarciella) furculisterna. - Roháček, 1983e: 31 [generic combination]; Roháček & Marshall, 1988: 247 [redescription, both sexes, phylogenetic notes, illustr.]; Hayashi & Tuno, 1998: 358 [breeding record from fungi].

Minilimosina (S.) guestphalica (Duda, 1918). **Distr.:** Palaeartic: Belgium, Czech Republic, Denmark, Estonia, Finland, Germany, Great Britain, Hungary, Ireland, Latvia, Norway, Poland, Roumania, Russia (NET), Slovakia, Sweden, Switzerland.

Limosina (Scotophillella) guestphalica Duda, 1918: 117 [both sexes, illustr.]. Type locality: Germany, Westfalen, Herten. LT male, designated by Roháček, 1983e: 35 (ZMHB). - Duda, 1924b: 194 [incorrect synonymy with *Minilimosina v-atrum* (Villeneuve, 1917)].

Leptocera (Limosina) guestphalica. - Richards, 1930: 293 [generic combination].

Minilimosina (Svarciella) guestphalica. - Roháček, 2001: 472 [generic combination, restitution from synonymy].

Limosina (Scotophillella) v-atrum. - Duda, 1924b: 164 [misidentification]

Leptocera (Scotophillella) v-atrum. - Duda, 1925: 155 [generic combination].

Limosina (Limosina) v-atrum. - Duda, 1938: 151 [subgeneric combination].

Limosina v-atrum. - Roháček, 1977b: 119 [diagnosis, male genitalia, illustr.]; Papp, 1984: 104 [Palaeartic catalog].

Minilimosina (Svarciella) v-atrum. - Roháček, 1983e: 35-36, 169-171 [generic combination, redescription, phylogenetic notes, illustr.]; Roháček & Marshall, 1988: 244 [key].

Minilimosina (S.) hastata Roháček & Marshall, 1988. **Distr.:** Oriental: Philippines.

Minilimosina (Svarciella) hastata Roháček & Marshall, 1988: 254 [male, phylogenetic notes, illustr.]. Type locality: Philippines, Palawan, Mantalingajan, Tagembung [1,150 m]. HT male (ZMUC).

Minilimosina (S.) intercepta Marshall, 1985. **Distr.:** Nearctic: Canada (ON), USA (AR, GA, IL, IN, KY, LA, MS, NC, NH, OK, SC, TN, TX, VA).

Minilimosina (Svarciella) intercepta Marshall, 1985b: 24 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Illinois, Champaign Co., Mahomet. HT male (CNCI). - Roháček & Marshall, 1988: 243 [key].

Minilimosina (S.) ismayi Roháček, 1983. **Distr.:** Palaeartic: Spain.

Minilimosina (Svarciella) ismayi Roháček, 1983e: 36 [male, phylogenetic notes], 171-172 [illustr.]. Type locality: Spain, Grazalema, nr. Ronda env. [ca. 1,000 m]. HT male (JRO). - Roháček & Marshall, 1988: 243 [key].

Minilimosina (S.) niveipennis (Malloch, 1913). **Distr.:** Neotropical: Costa Rica, Dominican Republic, Honduras, Jamaica, St. Kitts, Puerto Rico.

Limosina niveipennis Malloch, 1913a: 370 [male]. Type locality: Puerto Rico, Mayagüez. HT male (USNM).

Leptocera (*Scotophilella*) *niveipennis*. - Spuler, 1925c: 147 [generic combination].

Leptocera (*Limosina*) *niveipennis*. - Richards, 1967b: 15 [subgeneric combination, Neotropical catalog].

Minilimosina (*Svarciella*) *niveipennis* - Marshall, 1985b: 26-27 [generic combination, redescription, phylogenetic notes, illustr.]; Roháček & Marshall, 1988: 243 [key].

Limosina varicosta Malloch, 1914: 14 [both sexes, illustr.]. Type locality: Costa Rica, Alajuela [3,100 ft]. HT male (ANSP). - Marshall, 1985b: 26 [synonymy].

Leptocera (*Scotophilella*) *varicosta*. - Duda, 1925: 176 [generic combination].

Leptocera (*Limosina*) *varicosta*. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog]; Richards, 1967b: 15 [Neotropical catalog].

Leptocera (*Limosina*) *mollis* Richards, 1963d: 243 [both sexes, illustr.]. Type locality: Honduras, Bras Lagoon. HT male (CASC). - Richards, 1967b: 15 [Neotropical catalog]; Marshall, 1985b: 26 [synonymy].

Minilimosina (*Svarciella*) *mollis*. - Roháček, 1983e: 31 [generic combination].

***Minilimosina* (*S.*) *puncticorpoides* (Papp, 1973) comb.n. Distr.:** Palaearctic: Mongolia.

Limosina puncticorpoides Papp, 1973a: 409 [female]. Type locality: Mongolia, Central aimak, Ulan-Baator, Nucht in Bogdo ul, 12 km SE from Centrum [1,950 m]. HT female (HNHM). - Papp, 1984: 102 [Palaearctic catalog].

***Minilimosina* (*S.*) *spinifera* Roháček & Marshall, 1988. Distr.:** Australasian/Oceanian: Papua New Guinea.

Minilimosina (*Svarciella*) *spinifera* Roháček & Marshall, 1988: 252 [both sexes, phylogenetic notes, illustr.]. Type locality: Papua New Guinea, Kokoda Trail, Iora Creek, 17 km S Kokoda. HT male (CNCI). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].

***Minilimosina* (*S.*) *triplex* Roháček & Marshall, 1988. Distr.:** Oriental: Malaysia.

Minilimosina (*Svarciella*) *triplex* Roháček & Marshall, 1988: 248 [both sexes, phylogenetic notes, illustr.]. Type locality: Malaysia, Kuala Lumpur, Ulu Gombak Fld. St. Ctr. HT male (CNCI).

***Minilimosina* (*S.*) *unica* (Papp, 1973). Distr.:** Palaearctic: Finland, Mongolia, Sweden.

Limosina unica Papp, 1973a: 413 [male]. Type locality: Mongolia, Central aimak, Bogdo ul., Bugijn az achuj [1,650 m]. HT male (HNHM). - Papp, 1984: 104 [Palaearctic catalog].

Minilimosina (*Svarciella*) *unica*. - Roháček, 1983e: 31 [generic combination]; Roháček & Marshall, 1988: 244, 246 [key, new female, taxonomy, illustr.].

Limosina hackmani Roháček, 1977b: 115 [male, illustr.]. Type locality: Finland, Kuusamo. HT male (MZHF). - Papp, 1984: 99 [Palaearctic catalog]; Roháček & Marshall, 1988: 246 [synonymy].

Minilimosina (*Svarciella*) *hackmani*. - Roháček, 1982c: 281-282 [illustr.]; Roháček, 1983e: 34-35 [generic combination, redescription, phylogenetic notes].

***Minilimosina* (*S.*) *v-atrum* (Villeneuve, 1917). Distr.:** Palaearctic: Czech Republic, Germany, Great Britain, Hungary, Poland, Russia (CET, FE), Slovakia, Sweden, Switzerland.

Leptocera (*Limosina*) *v-atrum* Villeneuve, 1917: 142 [both sexes]. Type locality: Germany, Berlin, Strausberg. LT male, designated by Roháček, 2001: 472 (MNHN).

Limosina (*Scotophilella*) *splendens* Duda, 1928: 167 [female]. Type locality: Poland, Wustung bei Habelschwerdt [= Bystrzyca Kłodzka]. LT female, designated by Roháček, 1983e: 33 (ZMHB). - Roháček, 2001: 472 [synonymy].

Limosina (Limosina) splendens. - Duda, 1938: 149 [subgeneric combination].

Limosina splendens. - Roháček, 1977b: 118 [male genitalia, illustr.]; Papp, 1984: 104 [Palaeartic catalog].

Minilimosina (Svarciella) splendens. - Roháček, 1982c: 278-280 [illustr.]; Roháček, 1983e: 33-34, [generic combination, redescription, phylogenetic notes]; Roháček & Marshall, 1988: 244 [key].

Limosina nitens. - Collin, 1956: 173 [misidentification]; Roháček, 1983e: 33 [synonymy].

Minilimosina (S.) vitripennis (Zetterstedt, 1847). **Distr.:** Nearctic: Canada (AB, BC, MB, NB, NF, NS, NT, ON, QC, YT), USA (AK, AZ, CA, CO, ID, NH, NC, OR, PA, UT, WA); Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Canary Is. (Spain), Cyprus, Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Hungary, Iceland, Italy, Latvia, Macedonia, Mongolia, Netherlands, North Korea, Norway, Poland, Rumania, Russia (FE, SET, WS), Slovakia, Spain, Sweden, Switzerland, Yugoslavia.

Limosina vitripennis Zetterstedt, 1847: 2505 [both sexes]. Type locality: Sweden, „in Scania ad Esperöd". LT male, designated by Roháček, 1983e: 32 (MZLU). - Papp, 1984: 105 [Palaeartic catalog].

Limosina (Scotophilella) vitripennis. - Duda, 1918: 118 [subgeneric combination, illustr.].

Leptocera (Scotophilella) vitripennis. - Duda, 1925: 155 [generic combination].

Leptocera (Limosina) vitripennis. - Richards, 1930: 293 [subgeneric combination].

Minilimosina (Svarciella) vitripennis. - Roháček, 1982c: 275-277 [illustr.]; Roháček, 1983e: 31-33 [generic combination, redescription, phylogenetic notes]; Marshall, 1985b: 27-29 [diagnosis, phylogenetic notes, biology, illustr.]; Roháček & Marshall, 1988: 244, 259 [key, taxonomy].

Leptocera (Scotophilella) albifrons Spuler, 1925c: 147 [male, illustr.]. Type locality: USA, Idaho, Kendrick. HT male (USNM). - Marshall, 1985b: 27 [synonymy].

Limosina paravitripennis Papp, 1973a: 404 [female]. Type locality: Mongolia, Bajan-Ölgij aimak, im Tal des Flusses Chavcalyn gol, 25 km O von Somon Cagannuur [1,850 m]. HT female (HNHM). - Papp, 1984: 101 [Palaeartic catalog]; Roháček & Marshall, 1988: 259 [synonymy].

Limosina fungicola. - Rondani, 1880: 23 [misidentification]; Duda, 1938: 124 [ditto].

Minilimosina (S.) vixa Marshall, 1985. **Distr.:** Canada (NB, NS, ON), USA (ME, NH).

Minilimosina (Svarciella) vixa Marshall, 1985b: 29 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Nova Scotia, Cape Breton Highland Natl. Pk., North Mt. [400 m]. HT male (CNCI). - Roháček & Marshall, 1988: 244 [key].

Minilimosina (S.) xanthosceles Roháček & Marshall, 1988. **Distr.:** Neotropical: Ecuador.

Minilimosina (Svarciella) xanthosceles Roháček & Marshall, 1988: 257 [both sexes, phylogenetic notes, illustr.]. Type locality: Ecuador, Pichincha, Guailabamba [1,650 m]. HT male (CNCI).

Minilimosina (S.) xestops Roháček & Marshall, 1988. **Distr.:** Nearctic: USA (FL).

Minilimosina (Svarciella) xestops Roháček & Marshall, 1988: 258 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Florida, Putnam Co., Welaka Exp. Sta. HT male (DENH).

Genus *Monteithiana* Richards, 1973

Monteithiana Richards, 1973: 391 (feminine). Type species: *Monteithiana dealata* Richards, 1973, original designation. - Richards, 1973: 391-395 [diagnosis, taxonomic notes, illustr.]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Monteithiana cynthia Richards, 1973. **Distr.:** Australasian/Oceanian: Australia (TAS).
Monteithiana cynthia Richards, 1973: 394 [male]. Type locality: Australia, Tasmania, Lake St. Clair, Cynthia Bay. HT male (QMBA). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Monteithiana dealata Richards, 1973. **Distr.:** Australasian/Oceanian: Australia (TAS).
Monteithiana dealata Richards, 1973: 393 [both sexes, illustr.]. Type locality: Australia, Tasmania, Hellyer Gorge, 15 miles N of Waratah. HT male (QMBA). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Genus *Myrmolimosina* Marshall, 2000

Myrmolimosina Marshall, 2000b: 109 (feminine). Type species: *Myrmolimosina andersoni* Marshall, 2000, monotypy. - Marshall, 2000b: 109-114 [diagnosis, phylogenetic notes, illustr.].

Myrmolimosina andersoni Marshall, 2000. **Distr.:** Neotropical: Mexico (CHI).
Myrmolimosina andersoni Marshall, 2000b: 109 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Chiapas, Cerro Huitepec (Pico), ca. 5 km W San Cristóbal [2,750 m]. HT male (DEBU).

Genus *Nearcticorpus* Roháček & Marshall, 1982

Nearcticorpus Roháček & Marshall, 1982: 381 (neuter). Type species: *Nearcticorpus canadense* Roháček & Marshall, 1982, original designation. - Roháček & Marshall, 1982: 381-389 [diagnosis, phylogeny, illustr.]; Marshall & Richards, 1987: 999 [diagnosis in key].

Nearcticorpus canadense Roháček & Marshall, 1982. **Distr.:** Nearctic: Canada (AB, BC, NB, NS, ON, QC, YT), USA (AK, CA, GA, ID, KY, MA, MT, NC, NH, NY, PA, TN, VA, VT, WV, WY).

Nearcticorpus canadense Roháček & Marshall, 1982: 385 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, New Brunswick, St. Andrews, Gibson Lake env. [200 ft]. HT male (CNCI).

Nearcticorpus pecki Marshall & Roháček, 1982. **Distr.:** Nearctic: USA (NM).

Nearcticorpus pecki Marshall & Roháček, 1982: 642 [male, phylogenetic notes, illustr.]. Type locality: USA, New Mexico, Santa Fe Co. HT male (CNCI).

Genus *Ocellipsis* Richards, 1938

Ocellipsis Richards, 1938a: 396 (feminine). Type species: *Ocellipsis cyclogaster* Richards, 1938, original designation. - Richards, 1938a: 402 [key]; Séguy, 1954b: 225-226 [key]; Richards, 1955b: 301 [diagnosis in key]; Richards, 1957: 383-384 [key]; Richards, 1965a: 416-427 [diagnosis, review of species, key, illustr.]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis alutacea* Richards, 1938. Distr.:** Afrotropical: Kenya.

Ocellipsis alutaceus Richards, 1938a: 401 [male, incorrect name termination]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT male (MNHN). - Richards, 1957: 377-378 [female, illustr.]; Richards, 1965a: 423-424 [male genitalia, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis brunneicauda* Richards, 1965. Distr.:** Afrotropical: Kenya.

Ocellipsis brunneicauda Richards, 1965a: 420 [male, illustr.]. Type locality: Kenya, Mt. Elgon, east side [4,200 m]. HT male (originally deposited in NHRS but not located recently, see Pitkin, 1989: 25). - Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis cyclogaster* Richards, 1938. Distr.:** Afrotropical: Kenya.

Ocellipsis cyclogaster Richards, 1938a: 396 [female]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT female (MNHN). - Richards, 1951a: 837, 839 [redescription, both sexes, illustr.]; Séguy, 1954b: 225-226 [female, diagnosis]; Richards, 1957: 377, 381 [illustr.]; Richards, 1965a: 424 [male genitalia, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis elgonensis* Richards, 1957. Distr.:** Afrotropical: Kenya.

Ocellipsis elgonensis Richards, 1957: 379 [both sexes, illustr.]. Type locality: Kenya, Mt. Elgon, 'versant Est' [2,900 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis humeralis* Richards, 1965. Distr.:** Afrotropical: Kenya.

Ocellipsis humeralis Richards, 1965a: 419 [both sexes, illustr.]. Type locality: Kenya, Aberdares, Kinangop [3,550 m]. HT male (originally deposited in NHRS but not located recently, see Pitkin, 1989: 26). - Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis jeanneli* Richards, 1938. Distr.:** Afrotropical: Kenya.

Ocellipsis jeanneli Richards, 1938a: 400 [female]. Type locality: Kenya, Marakwet, Campi Cherangani [3,000 m]. HT female (MNHN). - Richards, 1965a: 417-419 [redescription, both sexes, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis leleupi* Richards, 1957. Distr.:** Afrotropical: Kenya.

Ocellipsis leleupi Richards, 1957: 379 [male]. Type locality: Kenya, Mt. Elgon, SSE, crater [3,840 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis lonchomma* Richards, 1938. Distr.:** Afrotropical: Kenya.

Ocellipsis lonchomma Richards, 1938a: 399 [both sexes]. Type locality: Kenya, Camp II of Mount Elgon [3,500 m]. HT female (MNHN). - Richards, 1957: 378-379 [variability]; Richards, 1965a: 422-423 [male genitalia, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

***Ocellipsis melanocephala* Richards, 1938. Distr.:** Afrotropical: Kenya.

Ocellipsis melanocephala Richards, 1938a: 400 [both sexes]. Type locality: Kenya, Marakwet, Elgeyo escarpment [2,500 m]. HT female (MNHN). - Richards, 1980: 623 [Afrotropical catalog].

Ocellipsis selaginella Richards, 1965. **Distr.:** Afrotropical: Kenya.

Ocellipsis selaginella Richards, 1965a: 421 [male, illustr.]. Type locality: Kenya, Aberdares, 15 km north of Kinangop [3,100 m]. HT male (originally deposited in NHRS but not located recently, see Pitkin, 1989: 26). - Richards, 1980: 623 [Afrotropical catalog].

Ocellipsis spinata Richards, 1957. **Distr.:** Afrotropical: Kenya.

Ocellipsis spinata Richards, 1957: 382 [both sexes, illustr.]. Type locality: Kenya, Mt. Elgon, 'versant Est' [2,500 m]. HT male (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Ocellipsis verruciger Richards, 1938. **Distr.:** Afrotropical: Kenya.

Ocellipsis verruciger Richards, 1938a: 398 [both sexes]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT male (MNHN). - Richards, 1951a: 839 [illustr.]; Richards, 1965a: 424-425 [male genitalia, illustr.]; Richards, 1980: 623 [Afrotropical catalog].

Ocellipsis vulcan Richards, 1957. **Distr.:** Afrotropical: Kenya.

Ocellipsis vulcan Richards, 1957: 380 [both sexes, illustr.]. Type locality: Kenya, Mt. Elgon, SSE, crater [3,840 m]. HT female (MRAC). - Richards, 1980: 623 [Afrotropical catalog].

Genus *Ocellusia* Séguy, 1955

Ocellusia Séguy, 1955: 78 (feminine). Type species: *Ocellusia achroma* Séguy, 1955, original designation. - Hackman, 1969a: 207 [list, biogeography]; Richards, 1980: 623 [Afrotropical catalog].

Ocellusia achroma Séguy, 1955. **Distr.:** Afrotropical: Madagascar.

Ocellusia achroma Séguy, 1955: 80 [both sexes]. Type locality: Madagascar, extrême sud, Massif Montagneux de Andohahelo [1,800 m]. STs, both sexes (MNHN). - Richards, 1980: 624 [Afrotropical catalog].

Ocellusia jugorum Séguy, 1955. **Distr.:** Afrotropical: Madagascar.

Ocellusia jugorum Séguy, 1955: 79 [both sexes]. Type locality: Madagascar, Massif Montagneux de l'Ankaratra, Col du Tsiafajavona. STs, both sexes (MNHN). - Richards, 1980: 624 [Afrotropical catalog].

Genus *Opacifrons* Duda, 1918

Opacifrons Duda, 1918: 22 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina coxata* Stenhammar, 1855, subsequent designation by Spuler, 1924a: 121. - Duda, 1918: 28 [diagnosis in key]; Spuler, 1924a: 121-131 [as subgenus of *Leptocera* Olivier, 1813; diagnosis, revision of North American species, key]; Duda, 1925: 67-73 [as subgenus of *Leptocera*; key]; Richards, 1930: 288 [as subgenus of *Leptocera*, diagnosis]; Duda, 1938: 93-94 [as subgenus of *Limosina*; review of Palaeartic species]; Vanschuytbroeck, 1951b: 9 [as genus]; Richards, 1965c: 722 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 10 [as subgenus of *Leptocera*; Neotropical catalog]; Hackman, 1968b: 40-44 [as subgenus of *Leptocera*; new subgeneric concept, diagnosis, illustr.]; Hackman, 1969a: 204, 208 [as subgenus of *Leptocera*; phylogenetic notes, biogeography]; Papp, 1973c: 66-67 [as subgenus of *Leptocera*; key to Hungarian species, illustr.]; Richards, 1973: 320-324 [as subgenus of *Leptocera*; diagnosis, taxonomic notes]; Hackman, 1977: 401 [as subgenus of

Leptocera; Oriental catalog]; Richards, 1980: 620 [as subgenus of *Leptocera*; Afrotropical catalog]; Roháček, 1982a: 64-71 [as subgenus of *Leptocera*; taxonomic notes, key to Palearctic species, illustr.]; Papp, 1984: 88 [as genus; Palearctic catalog]; Marshall & Richards, 1987: 997 [as subgenus of *Leptocera*; diagnosis in key, illustr.]; Marshall & Langstaff, 1998: 2-26 [as genus; redefined concept, redescription, revision of New World species, phylogeny, key, illustr.]; Roháček, 1998a: 479 [diagnosis in key, illustr.].

Opacifrons aequalis (Grimshaw, 1901). **Distr.:** Australasian/Oceanian: Hawaii (USA).

Limosina aequalis Grimshaw, 1901: 76 [both sexes]. Type locality: Hawaii, Oahu, Kawaiiloa Creek. STs (BMNH).

Limosina (Opacifrons) aequalis. - Richards, 1952a: 430-431 [subgeneric combination, redescription].

Leptocera (Opacifrons) aequalis. - Tenorio, 1968: 183 [generic combination, redescription, illustr.].

Opacifrons aequalis. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog]; Marshall & Langstaff, 1998: 5 [key, illustr.].

Opacifrons bisecta (Malloch, 1914). **Distr.:** Nearctic: Canada (BC), USA (AZ, CA, NM, OR, TX, WA). Neotropical: Costa Rica, Guatemala, Mexico (BC, CHI, MEX, MOR, SIN, SLP).

Leptocera bisecta Malloch, 1914a: 20 [both sexes]. Type locality: Costa Rica, Cartago. HT male (ANSP).

Leptocera (Scotophilella) bisecta. - Duda, 1925: 197 [subgeneric combination].

Leptocera (Limosina) bisecta. - Richards, 1967b: 13 [subgeneric combination, Neotropical catalog].

Opacifrons bisecta. - Marshall & Langstaff, 1998: 6-8 [generic combination, redescription, phylogenetic notes, illustr.].

Leptocera (Opacifrons) coxata. - Spuler 1924a: 129 [misidentification]; Richards, 1965c: 722 [misidentification; Nearctic catalog].

Opacifrons brevisecunda Papp, 1991. **Distr.:** Oriental: India (Rajasthan, Uttar Pradesh), Sri Lanka, Vietnam.

Opacifrons brevisecunda Papp, 1991b: 240 [both sexes, key, illustr.]. Type locality: Sri Lanka, N. Centr. Prov., 3 mls S. Minneriya. HT male (MZLU).

Opacifrons brevistylus Marshall & Langstaff, 1998. **Distr.:** Neotropical: Costa Rica.

Opacifrons brevistylus Marshall & Langstaff, 1998: 8 [both sexes, phylogenetic notes, illustr.]. Type locality: Costa Rica, San José, San Gerardo de Dota, "93°3'N 8°48'W" (= 9°33'N 8°48'W). HT male (INBC).

Opacifrons cederholmi Papp, 1991. **Distr.:** Oriental: Sri Lanka.

Opacifrons cederholmi Papp, 1991b: 242 [both sexes, phylogenetic notes, illustr.]. Type locality: Sri Lanka, Sabaragamuwa Prov., Malwala, 3 mls NW Ratnapura. HT male (MZLU).

Opacifrons convexa (Spuler, 1924). **Distr.:** Nearctic: Canada (BC, MB, ON, QC, SK, YT), USA (AK, AZ, CA, ID, CO, UT, WA, WY).

Leptocera (Opacifrons) convexa Spuler, 1924a: 130 [both sexes, illustr.]. Type locality: USA, Idaho, Bovill. HT male (USNM). - Richards, 1965c: 722 [Nearctic catalog].

Opacifrons convexa. - Marshall & Langstaff, 1998: 9-10 [generic combination, redescription, phylogenetic notes, illustr.].

Opacifrons coxata (Stenhammar, 1855). **Distr.:** Afrotropical: Ethiopia, Madagascar, South Africa, Zaire (all need verification); Oriental: all records doubtful; Palae-

arctic: Afghanistan, Andorra, Armenia, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Egypt, Estonia, Finland, France (incl. Corsica), Germany, Great Britain, Greece (incl. Crete), Hungary, Iran, Italy (incl. Sardinia), Latvia, Lithuania, Macedonia, Madeira (Portugal), Malta, Mongolia, Netherlands, Norway, Poland, Portugal, Roumania, Russia (CET, ES, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Yugoslavia (Montenegro, Serbia).

Limosina coxata Stenhammar, 1855: 396 [both sexes]. Type localities: Sweden, "Scania, Hallandia, Smolandia, Ostrogothia, Uplandia, ad Holmiam et Upsalis". STs (not located in Stenhammar's collection, UZIU, probably lost, see Kim, 1972a: 206).

Limosina (Opacifrons) coxata. - Duda, 1918: 85-88 [subgeneric combination, redescription, illustr.]; Duda, 1938: 93-94 [redescription, illustr.].

Leptocera (Opacifrons) coxata. - Duda, 1925: 70 [generic combination]; Hackman, 1968b: 43 [female genitalia, illustr.]; Papp, 1973c: 67 [key, illustr.]; Roháček, 1975c: 264-265 [male & female genitalia, illustr.]; Hackman, 1977: 402 [Oriental catalog]; Richards, 1980: 621 [Afrotropical catalog]; Roháček, 1982a: 71 [key].

Opacifrons coxatus. - Frey, 1941: 26 [generic combination, incorrect name termination].

Opacifrons coxata. - Papp, 1984: 88 [Palaeartic catalog]; Marshall & Langstaff, 1998: 2-4, 26 [phylogeny].

Opacifrons costatus. - Hackman, 1960: 104 [misspelling].

Limosina pusio. - Rondani, 1880: 35 [misidentification].

Limosina nigricornis Dahl, 1909: 375 [sex not given]. Type locality: Germany, Plagefenn bei Chorin. HT, sex unknown (ZMHB). - Duda, 1918: 85 [synonymy].

Opacifrons cubita Marshall & Langstaff, 1998. **Distr.:** Neotropical: Brazil.

Opacifrons cubita Marshall & Langstaff, 1998: 10 [male, illustr.]. Type locality: Brazil, Rio de Janeiro, Teresópolis [1,200 m]. HT male (QBUM).

Opacifrons digna (Roháček, 1982). **Distr.:** Palaeartic: Bulgaria.

Leptocera (Opacifrons) digna Roháček, 1982a: 65 [male, illustr.]. Type locality: Bulgaria, gara Kresna (Kresnenske defile) near Struma river [230-300 m]. HT male (SNMC).

Opacifrons digna. - Marshall & Langstaff, 1998: 1-4, 26 [generic combination, phylogeny].

Opacifrons distorta Marshall & Langstaff, 1998. **Distr.:** Neotropical: Argentina.

Opacifrons distorta Marshall & Langstaff, 1998: 11 [male, phylogenetic notes, illustr.]. Type locality: Argentina, Salta, Cañada la Gotera, 15 km W Chicoana. HT male (DEBU).

Opacifrons dupliciseta (Duda, 1925). **Distr.:** Oriental: Taiwan, Vietnam.

Leptocera (Opacifrons) dupliciseta Duda, 1925: 68 [both sexes]. Type locality: Taiwan, Taihorin. LT male, designated (erroneously as HT) by Papp, 1991b: 242 (HNHM). - Hackman, 1977: 402 [Oriental catalog].

Opacifrons dupliciseta. - Papp, 1991b: 242-243, 245 [generic combination, diagnosis, key].

Opacifrons elbergi (Papp, 1979). **Distr.:** Palaeartic: Russia (FE).

Leptocera (Opacifrons) elbergi Papp, 1979c: 225 [both sexes, phylogenetic notes, illustr.]. Type locality: Russia, Far East, Habarovsk krai, Pivan.

Opacifrons elbergi. - Papp, 1984: 88 [generic combination, Palaeartic catalog]; Marshall & Langstaff, 1998: 2-4, 26 [phylogeny].

Opacifrons ghesquierei Vanschuytbroeck, 1951. **Distr.:** Afrotropical: Zaire.

Opacifrons ghesquierei Vanschuytbroeck, 1951b: 10 [both sexes, illustr.]. Type locality: Zaire, Eala. HT male (ISNB).

Leptocera (Opacifrons) ghesquierei. - Richards, 1980: 621 [generic combination, Afrotropical catalog].

Opacifrons ghesqueierei. - Marshall & Langstaff, 1980: 1 [misspelling].

Opacifrons inornata Marshall & Langstaff, 1998. **Distr.:** Neotropical: Costa Rica, Ecuador.

Opacifrons inornata Marshall & Langstaff, 1998: 12 [both sexes, phylogenetic notes, illustr.]. Type locality: Ecuador, Pichincha, Río Palenque Biological Station, 47 km S Sto. Domingo [250 m]. HT male (DEBU).

Opacifrons maculifrons (Becker, 1907). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, WA, SA), New Zealand; Nearctic: Canada (AB, BC, MB, ON, QC), USA (AZ, CA, CO, ID, IN, KA, MI, MT, NE, NV, NM, ND, TX, VA); Palaearctic: Algeria, Bulgaria, Czech Republic, Hungary, Iraq, Malta, Switzerland, Tunisia.

Limosina maculifrons Becker, 1907b: 374, 381 [female]. Type locality: Tunisia, La Marsa. HT female (ZMHB).

Limosina (Opacifrons) maculifrons. - Duda, 1918: 83-85 [subgeneric combination, redescription]; 1938: 94 [redescription]; Beschovski, 1968: 41-42 [redescription, male, genitalia, illustr.].

Leptocera (Opacifrons) maculifrons. - Duda, 1925: 69 [generic combination]; Roháček, 1982a: 71 [key].

Opacifrons maculifrons. - Papp, 1984: 88 [generic combination, Palaearctic catalog]; Marshall & Langstaff, 1998: 12-15 [redescription, phylogenetic notes, biology, illustr.].

Leptocera (Opacifrons) wheeleri Spuler, 1924a: 128 [female]. Type locality: USA, Texas, Austin. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog]; Marshall & Langstaff, 1998: 13 [synonymy].

Leptocera (Opacifrons) collessi Richards, 1973: 320 [both sexes, illustr.]. Type locality: Australia, Australian Capital Territory, Lake Burley Griffin. HT male (ANIC). - Marshall & Langstaff, 1998: 12 [synonymy].

Opacifrons collessi. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Opacifrons mirabilis (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Leptocera (Opacifrons) mirabilis Papp, 1973a: 416 [both sexes, taxonomic notes, illustr.]. Type locality: Mongolia, Suchebaator aimak, Ongon elis, 10 km S from Somon Chongor [900 m]. HT male (HNHM). - Roháček, 1982a: 70 [key].

Opacifrons mirabilis. - Papp, 1984: 89 [generic combination, Palaearctic catalog].

Note: A species of the *Opacifrons maculifrons* group.

Opacifrons moravica (Roháček, 1975). **Distr.:** Palaearctic: Bulgaria, Czech Republic, Germany, Hungary, Slovakia.

Leptocera (Opacifrons) moravica Roháček, 1975c: 262 [both sexes, phylogenetic notes, illustr.]. Type locality: Czech Republic, Moravia, Lednice. HT male (NMPC). - Roháček, 1982a: 71 [key].

Opacifrons moravica. - Papp, 1984: 89 [generic combination, Palaearctic catalog]; Marshall & Langstaff, 1998: 2-4, 26 [phylogeny].

Opacifrons niveohalterata (Duda, 1925). **Distr.:** Oriental: Indonesia (Java).

Leptocera (Opacifrons) niveohalterata Duda, 1925: 69 [both sexes, illustr.]. Type locality: Java, Semarang. STs, both sexes (ZMAN). - Hackman, 1977: 402 [Oriental catalog].

Opacifrons niveohalterata. - Papp, 1991b: 245 [generic combination, key].

Opacifrons obunca Marshall & Langstaff, 1998. **Distr.:** Neotropical: Ecuador.

Opacifrons obunca Marshall & Langstaff, 1998: 15 [both sexes, illustr.]. Type locality: Ecuador, Tarqui, Azuay [2,800 m]. HT male (CNCI).

Opacifrons orbicularis (Becker, 1920). **Distr.:** Neotropical: Argentina, Bolivia, Ecuador, Venezuela.

Limosina orbicularis Becker, 1920: 182 [male, illustr.]. Type locality: Ecuador, Cuenca [2,532 m]. LT male, designated by Marshall & Langstaff, 1998: 17 (MNHN).

Leptocera (Limosina) orbicularis. - Richards, 1967b: 15 [generic combination, Neotropical catalog].

Opacifrons orbicularis. - Marshall & Langstaff, 1998: 16-18 [generic combination, redescription, illustr.].

Leptocera (Opacifrons) impudica Duda, 1925: 70 [male]. Type locality: Peru, Cuzco, [3,200-4,200 m]. LT male, designated by Marshall & Langstaff, 1998: 17 (SMTD). - Richards, 1967b: 10 [Neotropical catalog]; Marshall & Langstaff, 1998: 16 [synonymy].

Opacifrons parabisecta Marshall & Langstaff, 1998. **Distr.:** Neotropical: Costa Rica.

Opacifrons parabisecta Marshall & Langstaff, 1998: 18 [both sexes, phylogenetic notes, illustr.]. Type locality: Costa Rica, Puntarenas, Monteverde [1,500-1,800 m]. HT male (INBC).

Opacifrons pavicula Marshall & Langstaff, 1998. **Distr.:** Neotropical: Argentina.

Opacifrons pavicula Marshall & Langstaff, 1998: 19 [both sexes, phylogenetic notes, illustr.]. Type locality: Argentina, Salta, La Caldera [1,500m]. HT male (DEBU).

Opacifrons parvicornis (Duda, 1918). **Distr.:** Palaearctic: ?Belgium, Poland.

Limosina (Opacifrons) parvicornis Duda, 1918: 82 [female]. Type locality: Poland, "Schlesien, Goldberg". HT female (ZMHB but cannot be located).

Leptocera (Opacifrons) parvicornis. - Duda, 1925: 69 [generic combination];

Opacifrons parvicornis. - Papp, 1984: 89 [generic combination, Palaearctic catalog].

Note: An intriguing species of unknown identity.

Opacifrons pseudimpudica (Deeming, 1969). **Distr.:** Oriental: India (Uttaranchal), Nepal, Sri Lanka.

Leptocera (Opacifrons) pseudimpudica Deeming, 1969: 57 [both sexes, illustr.]. Type locality: E Nepal, Taplejung Distr., river banks below Tamrang Bridge [5,500 ft]. HT male (BMNH). - Hackman, 1977: 402 [Oriental catalog].

Opacifrons pseudimpudica. - Papp, 1991b: 244-245 [generic combination, diagnosis, male genitalia, key, illustr.].

Opacifrons quadrispinosa Marshall & Langstaff, 1998. **Distr.:** Neotropical: Costa Rica.

Opacifrons quadrispinosa Marshall & Langstaff, 1998: 19 [both sexes, illustr.]. Type locality: Costa Rica, Puntarenas, Las Alturas Biological Station, 8°57'N, 82°58'W. HT male (INBC).

Opacifrons quarta Marshall & Langstaff, 1998. **Distr.:** Neotropical: Argentina, Costa Rica, Dominican Republic, Ecuador, Guatemala, Jamaica, Panama, Venezuela.

Opacifrons quarta Marshall & Langstaff, 1998: 19 [both sexes, taxonomic notes, illustr.]. Type locality: Venezuela, Mérida, 6 km S Azulita. HT male (DEBU).

Opacifrons redunca Marshall & Langstaff, 1998. **Distr.:** Neotropical: Ecuador.

Opacifrons redunca Marshall & Langstaff, 1998: 21 [both sexes, illustr.]. Type locality: Ecuador, Napo, 5 km N El Chaco. HT male (CNCI).

Opacifrons rubrifrons (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Zaire.

Limosina (Opacifrons) rubrifrons Vanschuytbroeck, 1950b: 57 [both sexes]. Type locality: Zaire, Tshikay. HT male (ISNB).

Leptocera (Opacifrons) rubrifrons. - Hackman, 1968b: 41 [generic combination]; Richards, 1980: 621 [Afrotropical catalog].

Opacifrons rubrifrons. - Marshall & Langstaff, 1998: 1 [generic combination].

Opacifrons simplisterna Marshall & Langstaff, 1998. **Distr.:** Neotropical: Costa Rica, Ecuador, Mexico (CHI), Panama, Venezuela.

Opacifrons simplisterna Marshall & Langstaff, 1998: 22 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Los Chorros [2,200 m]. HT male (DEBU).

Opacifrons spatulata Marshall & Langstaff, 1998. **Distr.:** Neotropical: Brazil.

Opacifrons spatulata Marshall & Langstaff, 1998: 23 [both sexes, illustr.]. Type locality: Brazil, Rio de Janeiro, Teresópolis [1,200 m]. HT male (DEBU).

Opacifrons triloba Marshall & Langstaff, 1998. **Distr.:** Neotropical: Ecuador.

Opacifrons triloba Marshall & Langstaff, 1998: 24 [both sexes, illustr.]. Type locality: Ecuador, Tandapi, 40 km SW Quito [1,300-1,500 m]. HT male (CNCI).

Genus *Opalimosina* Roháček, 1983

Opalimosina Roháček, 1983e: 137 (feminine). Type species: *Limosina mirabilis* Collin, 1902, original designation. - Roháček, 1983e: 137-152 [diagnosis, revision of West Palaearctic species, key, phylogenetic notes]; Roháček, 1985a: 159-173 [illustr.]; Marshall & Richards, 1987: 1003 [diagnosis in key]; Marshall, 1989b: 605 [Australasian/Oceanian catalog]; Roháček, 1998a: 487 [diagnosis in key, illustr.].

Opalimosina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Dentilimosina: see below as subgenus.

Hackmanina: see below as subgenus.

Pappiella: see below as subgenus.

Subgenus *Dentilimosina* Roháček, 1983

Dentilimosina Roháček, 1983e: 144 (feminine) [as subgenus of *Opalimosina* Roháček, 1983].

Type species: *Limosina (Scotophilella) denticulata* Duda, 1924, original designation. - Roháček, 1983e: 144-147 [diagnosis, revision of West Palaearctic species, phylogenetic notes]; Roháček, 1985a: 159, 164, 165, 167 [illustr.]; Roháček, 1998a: 487 [as subgenus of *Opalimosina*; diagnosis in key, illustr.].

Dentilimosina Roháček, 1982c: 225 [nomen nudum, phylogeny].

Opalimosina (D.) denticulata (Duda, 1924). **Distr.:** Palaearctic: Andorra, Austria, Belgium, Czech Republic, Finland, Germany, Great Britain, Hungary, Italy, Poland, Roumania, Slovakia, Spain, Sweden, Switzerland.

Limosina (Scotophilella) denticulata Duda, 1924b: 174 [both sexes, illustr.]. Type locality: Germany, Rheinland, St. Wendel. LT male, designated by Roháček, 1983e: 146 (ZMHB).

Leptocera (Scotophilella) denticulata. - Duda, 1925: 159 [generic combination].

Leptocera (Limosina) denticulata. - Richards, 1930: 295 [subgeneric combination].

Opalimosina (Dentilimosina) denticulata. - Roháček, 1983e: 145-147 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 164-165, 167 [illustr.].

Limosina denticulata. - Papp, 1984: 97 [Palaearctic catalog].

Subgenus *Hackmanina* Roháček, 1983

Hackmanina Roháček, 1983e: 142 (feminine) [as subgenus of *Opalimosina* Roháček, 1983].
Type species: *Limosina (Scotophilella) czernyi* Duda, 1918, original designation. - Roháček, 1983e: 142-144 [diagnosis, revision of West Palearctic species, phylogenetic notes]; Roháček, 1985a: 162-163 [illustr.]; Roháček, 1998a: 488 [as subgenus of *Opalimosina*; diagnosis in key, illustr.].

Hackmanina Roháček, 1982c: 225 [nomen nudum, phylogeny].

Opalimosina (H.) czernyi (Duda, 1918). **Distr.:** Palearctic: Andorra, Austria, Czech Republic, Germany, Great Britain, Hungary, Japan, Poland, Slovakia, Spain, Switzerland.

Limosina (Scotophilella) Czernyi Duda, 1918: 123 [male, illustr.]. Type locality: Austria, Admont. HT male (not found in ZMHB, probably lost - Roháček, 1983e: 143).

Leptocera (Scotophilella) Czernyi. - Duda, 1925: 156 [generic combination].

Limosina (Limosina) Czernyi. - Duda, 1938: 117 [subgeneric combination, redescription, illustr.].

Opalimosina (Hackmanina) czernyi. - Roháček, 1983e: 143-144 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 162-163 [illustr.].

Limosina czernyi. - Papp, 1984: 97 [Palearctic catalog].

Limosina (Scotophilella) Lambi Duda, 1928: 143 [both sexes]. Type locality: England, New Forest. LT female, designated by Roháček, 1983e: 143 (CUMZ). - Papp, 1973c: 43 [synonymy].

Leptocera (Limosina) lambi. - Richards, 1930: 294 [generic combination].

Subgenus *Opalimosina* Roháček, 1983

Opalimosina Roháček, 1983e: 137 (see above under the genus). - Roháček, 1983e: 147-152 [as subgenus of *Opalimosina* Roháček, 1983; diagnosis, revision of West Palearctic species, key, phylogenetic notes]; Roháček, 1985a: 165-173 [illustr.]; Roháček, 1998a: 488 [as subgenus; diagnosis in key, illustr.].

Opalimosina Roháček, 1982c: 225 [as subgenus, nomen nudum, phylogeny].

Opalimosina (O.) calcarifera (Roháček, 1975). **Distr.:** Oriental: Pakistan; Palearctic: Czech Republic, Germany, Great Britain, Hungary, Italy, Japan, Russia (FE), Slovakia, Spain, Sweden.

Limosina calcarifera Roháček, 1975d: 115 [both sexes, phylogenetic notes, illustr.]. Type locality: Slovakia, Slovenský kras, Hrušov. HT male (JRO). - Papp, 1984: 96 [Palearctic catalog].

Opalimosina (Opalimosina) calcarifera. - Roháček, 1983e: 149-150 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 167, 169-170 [illustr.].

Opalimosina (O.) collini (Richards, 1929). **Distr.:** Palearctic: Belgium, Czech Republic, Finland, Germany, Great Britain, Hungary, Italy, Japan, Latvia, North Korea, Russia (FE), Spain, Sweden.

Leptocera collini Richards, 1929: 175 [both sexes]. Type locality: England, Essex, Epping Forest. HT female (BMNH).

Leptocera (Limosina) collini. - Richards, 1930: 294 [subgeneric combination].

Limosina (Limosina) collini. - Duda, 1938: 116 [generic combination].

Limosina collini. - Roháček, 1975d: 118 [redescription, illustr.]; Papp, 1984: 97 [Palaeartic catalog].

Opalimosina (Opalimosina) collini. - Roháček, 1983e: 151-152 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 170, 172-173 [illustr.].

Leptocera grenstedti Richards, 1929: 175 [female]. Type locality: England, Cheshire, Redesmere. HT female (BMNH). - Roháček, 1981: 167 [synonymy].

Leptocera (Limosina) grenstedti. - Richards, 1930: 295 [subgeneric combination].

Limosina (Limosina) grenstedti. - Duda, 1938: 125 [generic combination].

Opalimosina (O.) mirabilis (Collin, 1902). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, WA), New Zealand, Hawaii (USA). Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC, SK), USA (AR, CA, CO, CT, FL, GA, IL, IN, KY, MA, MI, MS, NC, ND, NH, NJ, NM, NY, OH, OR, TN, TX, VA, WA, WY); Neotropical: Argentina, Brazil, Chile, Colombia, Costa Rica, Mexico (VRC); Oriental: ?Nepal, Pakistan; Palaeartic: Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Iran, Italy, Japan, Latvia, Netherlands, North Korea, Norway, Madeira (Portugal), Malta, Mongolia, Poland, Roumania, Russia (CET, FE, NET, WS), Slovakia, Spain, Sweden, Switzerland, Tunisia.

Limosina mirabilis Collin, 1902: 59 [both sexes, illustr.]. Type locality: England, Suffolk, S.L. Newmarket. LT male, designated by Roháček, 1983e: 148 (OXUM). - Papp, 1973c: 53 [key, illustr.]; Hackman, 1977: 402 [Oriental catalog]; Papp, 1984: 100 [Palaeartic catalog].

Limosina (Scotophilella) mirabilis. - Duda, 1918: 134 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) mirabilis. - Duda, 1925: 175 [generic combination].

Leptocera (Limosina) mirabilis. - Richards, 1930: 294 [subgeneric combination]; Richards, 1965c: 724 [Nearctic catalog]; Tenorio, 1968: 189, 207-208 [preimaginal stages, life-history, illustr.]; Richards, 1973: 370 [diagnosis]; Okely, 1974: 50 [puparium, illustr.].

Limosina (Limosina) mirabilis. - Duda, 1938: 132 [redescription, illustr.].

Opalimosina (Opalimosina) mirabilis. - Roháček, 1983e: 148-149 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 165-168, 172 [illustr.]. - Marshall, 1989b: 605 [Australasian/Oceanian catalog].

Opalimosina (O.) pseudomirabilis Hayashi, 1989. **Distr.:** Oriental: Nepal, Pakistan.

Opalimosina (Opalimosina) pseudomirabilis Hayashi, 1989c: 63 [both sexes, phylogenetic notes, illustr.]. Type locality: Pakistan, Nathia Gali, NWFP. HT male (ITLS).

Opalimosina (O.) simplex (Richards, 1929). **Distr.:** Palaeartic: Czech Republic, Finland, Germany, Great Britain, Hungary, Netherlands, Norway, Slovakia, Spain, Sweden.

Leptocera grenstedti var. *simplex* Richards, 1929: 175 [female]. Type locality: England, Essex, Epping Forest. HT female (BMNH).

Leptocera (Limosina) grenstedti var. *simplex*. - Richards, 1930: 296 [subgeneric combination, illustr.].

Limosina (Limosina) Grenstedti var. *simplex*. - Duda, 1938: 125 [generic combination].

Limosina simplex. - Roháček, 1981: 166-167 [species status, phylogenetic notes, illustr.]; Papp, 1984: 104 [Palaeartic catalog].

Opalimosina (Opalimosina) simplex. - Roháček, 1982c: 229 [generic combination, egg, illustr.]; Roháček, 1983e: 150-151 [redescription, phylogenetic notes]; Roháček, 1985a: 167, 171-173 [illustr.].

Opalimosina (O.) stepheni Papp, 1991. **Distr.:** Oriental: Nepal.

Opalimosina stepheni Papp, 1991b: 237 [male, phylogenetic notes, illustr.]. Type locality: Nepal, between Ghopte and Thare Pati [3,200 m]. HT male (CNCI). **Note:** A female specimen associated with this species by Papp (1991b: 238-239) does not belong to *Opalimosina*; it is *Telomerina levifrons* (Spuler, 1925), see under the latter species.

Subgenus *Pappiella* Roháček, 1983

Pappiella Roháček, 1983e: 139 (feminine) [as subgenus of *Opalimosina* Roháček, 1983]. Type species: *Limosina liliputana* Rondani, 1880, original designation. - Roháček, 1983e: 139-142 [diagnosis, revision of West Palearctic species, phylogenetic notes]; Roháček, 1985a: 159-161 [illustr.]; Roháček, 1998a: 488 [as subgenus of *Opalimosina*; diagnosis in key, illustr.].

Pappiella Roháček, 1982c: 225 [nomen nudum, phylogeny].

Opalimosina (P.) liliputana (Rondani, 1880). **Distr.:** Nearctic: Canada (BC, NB, NF, NS, ON), USA (MT, WA, WV, WY); Palearctic: Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Italy, Netherlands, Norway, Poland, Roumania, Russia (CET, FE), Slovakia, Spain, Sweden, Switzerland.

Limosina liliputana Rondani, 1880: 28 [both sexes?]. Type locality: Italy, "Italia superiore". LT female, designated by Roháček, 1981: 166 (MZUF). - Papp, 1984: 99 [Palearctic catalog].

Limosina (Scotophilella) liliputana. - Duda, 1918: 137 [subgeneric combination].

Leptocera liliputana. - Séguy, 1934: 466 [generic combination].

Opalimosina (Pappiella) liliputana. - Roháček, 1983e: 140-142 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 159-161 [illustr.]; Skidmore, 1993: 8, 17 [puparium, illustr.].

Limosina (Leptocera) appendiculata Villeneuve, 1918: 79 [both sexes]. Type locality: France, Rambouillet. LT female, designated by Roháček, 2001: 472 (MNHN). - Roháček, 1981: 166 [synonymy].

Limosina (Scotophilella) appendiculata. - Duda, 1924b: 173 [subgeneric combination].

Leptocera (Scotophilella) appendiculata. - Duda, 1925: 158 [generic combination].

Leptocera (Limosina) appendiculata. - Richards, 1930: 294 [subgeneric combination]; Okely, 1974: 50 [puparium, illustr.].

Limosina (Limosina) appendiculata. - Duda, 1938: 108 [redescription, illustr.].

Leptocera appendiculatia. - Nartshuk, 1988: 576 [misspelling].

Genus *Oribatomyia* Richards, 1960

Oribatomyia Richards, 1960a: 329 (feminine). Type species: *Oribatomyia flavicans* Richards, 1960, original designation. - Richards, 1960a: 329-332 [diagnosis, phylogenetic notes]; Ri-

chards, 1965a: 459 [diagnosis in key]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Richards, 1980: 624 [Afrotropical catalog].

Oribatomyia flaveola Richards, 1960. **Distr.:** Afrotropical: Zaire.

Oribatomyia flaveola Richards, 1960a: 332 [both sexes]. Type locality: Zaire, Kivu, territoire d'Uvira, Lubuku [2,780 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Oribatomyia flavicans Richards, 1960. **Distr.:** Afrotropical: Zaire.

Oribatomyia flavicans Richards, 1960a: 329 [both sexes, illustr.]. Type locality: Zaire, district of Kivu, territoire de Kabare, contrefort S.-E. du Kahuzi [2,080 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Genus *Otwayia* Richards, 1973

Otwayia Richards, 1973: 390 (feminine). Type species: *Otwayia sabina* Richards, 1973, original designation. - Richards, 1973: 390-391 [diagnosis, taxonomic notes, illustr.].

Otawayia. - Marshall, 1989b: 605 [misspelling, Australasian/Oceanian catalog].

Otwayia sabina Richards, 1973. **Distr.:** Australasian/Oceanian: Australia (VIC).

Otwayia sabina Richards, 1973: 390 [both sexes, illustr.]. Type locality: Australia, Victoria, Otway Ranges, Grey River crossing. HT male (QMBA).

Otawayia sabina. - Marshall, 1989b: 605 [misspelling, Australasian/Oceanian catalog].

Genus *Pachytarsella* Richards, 1963

Pachytarsella Richards, 1963a: 124 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera pachypus* Richards, 1956, original designation. - Richards, 1973: 352 [as subgenus of *Leptocera* Olivier, 1813, diagnosis]; Hackman, 1969a: 203, 207 [as genus; phylogenetic notes, biogeography]; Marshall, 1989b: 605 [as genus; Australasian/Oceanian catalog].

Pachytarsella boharti (Richards, 1963). **Distr.:** Australasian/Oceanian: Guam (USA), Palau (USA).

Leptocera (Pachytarsella) boharti Richards, 1963a: 124 [female, illustr.]. Type locality: Caroline Is., Palau, Peleliu I. HT female (originally deposited in USNM but not located recently, see Pitkin, 1989: 28).

Pachytarsella boharti. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Pachytarsella pachypus (Richards, 1956). **Distr.:** Australasian/Oceanian: Hawaii (USA), Papua New Guinea,

Leptocera (Limosina) pachypus Richards, 1956: 135 [both sexes, taxonomic notes, illustr.]. Type locality: Hawaiian Is., Oahu, Manoa Valley. HT female (originally deposited in BPBM but not located recently, see Pitkin, 1989: 28).

Leptocera (Pachytarsella) pachypus. - Richards, 1963a: 124 [subgeneric combination]; Richards, 1964a: 615 [distribution]; Richards, 1973: 352 [diagnosis].

Pachytarsella pachypus. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Genus *Palaeocoprina* Duda, 1920

Palaeocoprina Duda, 1920b: 436 (feminine) [as subgenus of *Archileptocera* Duda, 1920]. Type species: *Archileptocera (Palaeocoprina) geminiseta* Duda, 1920, monotypy. - Richards, 1967b: 7 [as subgenus of *Archileptocera* Duda; Neotropical catalog]; Marshall, 1998: 196-211 [as genus, redescription, revision, key, phylogeny, illustr.].

Palaeocoprina argentinensis Marshall, 1998. **Distr.:** Neotropical: Argentina, Bolivia.

Palaeocoprina argentinensis Marshall, 1998: 198 [both sexes, phylogenetic notes, illustr.]. Type locality: Argentina, Salta, 30 km E Salta, Campo Quijano. HT male (CNCI).

Palaeocoprina colombiensis Marshall, 1998. **Distr.:** Neotropical: Colombia.

Palaeocoprina colombiensis Marshall, 1998: 200 [both sexes, phylogenetic notes, illustr.]. Type locality: Colombia, 12 km S Bogotá [10,000 ft]. HT male (CNCI).

Palaeocoprina disticha (Becker, 1920). **Distr.:** Neotropical: Ecuador.

Limosina disticha Becker, 1920: 184 [male, illustr.]. Type locality: Ecuador, Chillacocho [3,590 m]. HT male (MNHN).

Leptocera (Coproica) disticha. - Richards, 1967b: 16 [generic combination, Neotropical catalog].

Coproica disticha. - Papp, 1979a: 104 [generic combination].

Palaeocoprina disticha. - Marshall, 1998: 202 [generic combination, redescription, both sexes, phylogenetic notes, illustr.].

Palaeocoprina equisetata Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Palaeocoprina equisetata Marshall, 1998: 204 [both sexes, illustr.]. Type locality: Ecuador, Napo, 27 km NW Baeza [2,700 m]. HT male (CNCI).

Palaeocoprina geminiseta (Duda, 1920). **Distr.:** Neotropical: Peru.

Archileptocera (Palaeocoprina) geminiseta Duda, 1920b: 439 [both sexes, illustr.]. Type locality: Peru, Cuzco. LT male, designated by Marshall, 1998: 206 (SMTD). - Richards, 1967b: 7 [Neotropical catalog].

Palaeocoprina geminiseta. - Marshall, 1998: 205 [generic combination, redescription, phylogenetic notes, illustr.].

Palaeocoprina longinotum Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Palaeocoprina longinotum Marshall, 1998: 206 [both sexes, illustr.]. Type locality: Ecuador, Napo Prov., Quito-Baeza road. HT male (CNCI).

Palaeocoprina masneri Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Palaeocoprina masneri Marshall, 1998: 207 [both sexes, phylogenetic notes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza road [4,000 m]. HT male (CNCI).

Palaeocoprina pisinna Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Palaeocoprina pisinna Marshall, 1998: 208 [both sexes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza road [4,000 m]. HT male (CNCI).

Palaeocoprina quadriseta Marshall, 1998. **Distr.:** Neotropical: Ecuador.

Palaeocoprina quadriseta Marshall, 1998: 210 [both sexes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza road. HT male (CNCI).

Genus *Papuella* Richards, 1973

Papuella Richards, 1973: 360 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Papuella) scrobifera* Richards, 1973, original designation. - Marshall, 1989b: 605 [as genus, Australasian/Oceanian catalog].

Papuella scrobifera (Richards, 1973). **Distr.:** Australasian/Oceanian: Papua New Guinea.

Leptocera (Papuella) scrobifera Richards, 1973: 360 [male]. Type locality: Papua New Guinea, Bainyik. HT male (AMSA).

Papuella scrobifera. - Marshall, 1989b: 695 [generic combination, Australasian/Oceanian catalog].

Genus *Paralimosina* Papp, 1973

Paralimosina Papp, 1973a: 385 (feminine). Type species: *Paralimosina kaszabi* Papp, 1973, original designation. - Roháček, 1982c: 223 [phylogeny]; Roháček, 1983e: 49-57 [diagnosis, key, revision of European species, illustr.]; Papp, 1984: 94 [Palaeartic catalog]; Roháček & Papp, 1988: 105-142 [redescription, review of world species, key, illustr., phylogeny]; Hayashi, 1994a: 31-52 [key to Oriental species]; Roháček, 1998a: 477, 492 [diagnosis in key, illustr.].

Hackmaniella Papp, 1979e: 368 (feminine). Type species: *Hackmaniella ceylanica* Papp, 1979, original designation. - Roháček & Papp, 1988: 106 [synonymy].

Nipponsina Papp, 1982c: 347 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Nipponsina) sexsetosa* Papp, 1982, original designation. - Roháček & Papp, 1988: 106 [synonymy].

Paralimosina acris Roháček & Papp, 1988. **Distr.:** Palaeartic: Russia (FE).

Paralimosina acris Roháček & Papp, 1988: 109 [male, phylogenetic notes, illustr.]. Type locality: Russia, Far East, Yuzh. Primoriye, 40 km SE Ussurijsk. HT male (ZMUM).

Paralimosina albipes Hayashi, 1994. **Distr.:** Oriental: Nepal.

Paralimosina albipes Hayashi, 1994a: 33 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Dobang Kharka [2,400 m]. HT male (KUEC).

Paralimosina altimontana (Roháček, 1977). **Distr.:** Oriental: Nepal, Pakistan.

Limosina altimontana Roháček, 1977a: 411 [male, illustr.]. Type locality: Nepal, Taplejung distr., below Sangu [6,000 ft]. HT male (BMNH).

Paralimosina (Paralimosina) altimontana. - Roháček, 1983e: 50 [generic combination].

Paralimosina altimontana. - Papp, 1984: 94 [Palaeartic catalog]; Roháček & Papp, 1988: 111 [taxonomic, phylogenetic notes, illustr.]; Hayashi, 1994a: 36 [female, phylogenetic notes, illustr.].

Paralimosina biloba Hayashi, 1994. **Distr.:** Oriental: Nepal.

Paralimosina biloba Hayashi, 1994a: 38 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Pokhara, Sarangkot. HT male (ENIH).

Paralimosina bracteata Roháček & Papp, 1988. **Distr.:** Oriental: Nepal.

Paralimosina bracteata Roháček & Papp, 1988: 112 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Kathmandu, Godavari [6,000 ft]. HT male (CNCI).

- Paralimosina brevis*** Roháček & Papp, 1988. **Distr.:** Oriental: Nepal.
Paralimosina brevis Roháček & Papp, 1988: 114 [both sexes, phylogenetic notes, illustr.].
 Type locality: Nepal, nr. Birganj Lothar. HT male (CNCI).
- Paralimosina cavata*** Hayashi, 1994. **Distr.:** Oriental: Nepal, Pakistan.
Paralimosina cavata Hayashi, 1994a: 40 [both sexes, phylogenetic notes, illustr.]. Type locality: Pakistan, Ayubia. HT male (ENIH).
- Paralimosina ceylanica*** (Papp, 1979). **Distr.:** Oriental: Sri Lanka.
Hackmaniella ceylanica Papp, 1979e: 369 [both sexes, illustr.]. Type locality: Ceylon, Central: Horton Plains [2,100 m]. HT male (MHNG).
Paralimosina ceylanica. - Roháček & Papp, 1988: 117 [redescription, generic combination, phylogenetic notes, illustr.].
- Paralimosina confusa*** Hayashi, 1994. **Distr.:** Oriental: Nepal.
Paralimosina confusa Hayashi, 1994a: 42 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Mt. Phulchoki (nr. Kathmandu). HT male (ENIH).
- Paralimosina dimorpha*** Roháček & Papp, 1988. **Distr.:** Oriental: India (Orissa, Uttaranchal, West Bengal), Nepal.
Paralimosina dimorpha Roháček & Papp, 1988: 120 [both sexes, phylogenetic notes, illustr.]. Type locality: India, W. Bengal, Tonglu [3,100 m]. HT male (MHNG).
- Paralimosina eximia*** Papp, 1991. **Distr.:** Oriental: Indonesia (West Flores).
Paralimosina eximia Papp, 1991b: 236 [both sexes, illustr.]. Type locality: Indonesia, W. Flores, Badjawa [1,200 m]. HT male (DEIC).
- Paralimosina fucata*** (Rondani, 1880). **Distr.:** Palaearctic: Algeria, Andorra, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, France (incl. Corsica), Germany, Great Britain, Hungary, Italy, Iran, Latvia, Macedonia, ?North Korea, Poland, Slovakia, Spain, Sweden, Switzerland, Tunisia.
Limosina fucata Rondani, 1880: 31 [male]. Type locality: Italy. HT male (MZUF). - Roháček, 1977a: 401 [redescription, illustr.].
Leptocera (Scotophilella) fucata. - Duda, 1925: 159 [generic combination].
Limosina (Limosina) fucata. - Duda, 1938: 123 [subgeneric combination, redescription, illustr.].
Paralimosina (Paralimosina) fucata. - Roháček, 1983e: 52-53, 193-195 [generic combination, both sexes, redescription, phylogenetic notes, illustr.].
Paralimosina fucata. - Papp, 1984: 94 [Palaearctic catalog]; Roháček & Papp, 1988: 123 [phylogenetic notes, distribution].
Limosina (Scotophilella) verticella. - Duda, 1918: 148 [misidentification, both sexes, redescription, illustr.]; Roháček, 1983e: 52 [synonymy].
- Paralimosina gigantea*** Roháček & Papp, 1988. **Distr.:** Oriental: India (West Bengal).
Paralimosina gigantea Roháček & Papp, 1988: 123 [male, phylogenetic notes, illustr.]. Type locality: India, W. Bengal, Ghoom, Tigerhill [2,500 - 2,600 m]. HT male (MHNG).
- Paralimosina icaros*** Roháček & Papp, 1988. **Distr.:** Oriental: India (Uttaranchal), Nepal.
Paralimosina icaros Roháček & Papp, 1988: 125 [both sexes, phylogenetic notes, illustr.]. Type locality: India, Uttaranchal (formerly Uttar Pradesh), Kumaon, Chaubattia [1,800 m]. HT male (MHNG).
- Paralimosina indica*** Roháček & Papp, 1988. **Distr.:** Oriental: India (Uttaranchal).
Paralimosina indica Roháček & Papp, 1988: 128 [both sexes, phylogenetic notes, illustr.]. Type locality: India, Uttaranchal (formerly Uttar Pradesh), Gharwal, Dhanolti [2,250 m]. HT male (MHNG).

- Paralimosina japonica*** Hayashi, 1985. **Distr.:** Palaearctic: Japan; Oriental: Nepal, Pakistan.
Paralimosina (Paralimosina) japonica Hayashi, 1985a: 329 [both sexes, illustr.]. Type locality: Japan, Hachioji, Tokyo. HT male (ITLJ).
Paralimosina japonica. - Roháček & Papp, 1988: 131 [supplement to description, phylogenetic notes].
- Paralimosina kaszabi*** Papp, 1973. **Distr.:** Palaearctic: Austria, Czech Republic, Germany, Mongolia, Norway, Slovakia, Spain, Sweden, Switzerland.
Paralimosina kaszabi Papp, 1973a: 386. [female]. Type locality: Mongolia, Chövsgöl aimak, 6 km WNW from Somon Tosoncengel [1,480 m]. HT female (HNHM). - Papp, 1984: 94 [Palaearctic catalog]; Roháček & Papp, 1988: 131 [phylogenetic notes].
Paralimosina (Paralimosina) kaszabi. - Roháček, 1983e: 56-57 [both sexes, redescription, phylogenetic notes]; Roháček, 1983f: 208, 211, 212 [illustr.].
Limosina latigena Roháček, 1977a: 415 [both sexes, illustr.]. Type locality: Czech Republic, Bohemia, Krkonoše Mts., Vítkovice. HT male (NMPC). - Roháček, 1983e: 56 [synonymy].
Paralimosina latigena. - Papp, 1984: 95 [generic combination; Palaearctic catalog].
Paralimosina kaszabi latigena. - Papp, 1998: 292 [subspecific status].
- Paralimosina lobata*** Roháček & Papp, 1988. **Distr.:** Oriental: Pakistan.
Paralimosina lobata Roháček & Papp, 1988: 132 [both sexes, phylogenetic notes, illustr.]. Type locality: Pakistan, Hazara, Naran [2,600 m]. HT male (MHNG).
- Paralimosina macedonica*** (Roháček, 1977). **Distr.:** Palaearctic: Afghanistan, Bulgaria, Greece, Hungary, Iran, Macedonia.
Limosina macedonica Roháček, 1977a: 406 [both sexes, illustr.]. Type locality: Macedonia, Prespa Geul, Otesevo. HT male (BMNH).
Paralimosina (Paralimosina) macedonica. - Roháček, 1983e: 54-55 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 206-207 [illustr.].
Paralimosina macedonica. - Papp, 1984: 95 [Palaearctic catalog]; Roháček & Papp, 1988: 135 [phylogenetic notes].
- Paralimosina marshalli*** Roháček & Papp, 1988. **Distr.:** Oriental: Nepal.
Paralimosina marshalli Roháček & Papp, 1988: 135 [male, phylogenetic notes, illustr.]. Type locality: Nepal, Kathmandu, Godavari [6,000 ft]. HT male (CNCI). - Hayashi, 1994a: 46 [female, illustr.].
- Paralimosina megaloba*** Hayashi, 1994. **Distr.:** Oriental: Nepal, Pakistan.
Paralimosina megaloba Hayashi, 1994a: 46 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Kathmandu, Gokarna. HT male (ENIH).
- Paralimosina minor*** Roháček & Papp, 1988. **Distr.:** Palaearctic: Russia (FE).
Paralimosina minor Roháček & Papp, 1988: 137 [male, phylogenetic notes, illustr.]. Type locality: Russia, Far East, Amurskaya obl., Zeya. HT male (ZMUM).
- Paralimosina prominens*** Hayashi, 1985. **Distr.:** Palaearctic: Japan.
Paralimosina (Paralimosina) prominens Hayashi, 1985a: 331 [both sexes, illustr.]. Type locality: Japan, Mt. Takao, Tokyo. HT male (ITLJ).
Paralimosina prominens. - Roháček & Papp, 1988: 137 [phylogenetic notes].
- Paralimosina sexsetosa*** (Papp, 1982). **Distr.:** Palaearctic: Japan.
Leptocera (Nipponosina) sexsetosa Papp, 1982c: 349 [both sexes, illustr.]. Type locality: Japan, Shikoku, Ehime pref., Omogo [500 m]. HT male (MHNG).
Paralimosina sexsetosa. - Roháček & Papp, 1988: 139 [generic combination, redescription, phylogenetic notes, illustr.].

Paralimosina similis Hayashi, 1994. **Distr.:** Oriental: Nepal.

Paralimosina similis Hayashi, 1994a: 50 [both sexes, phylogenetic notes, illustr.]. Type locality: Nepal, Phedi (nr. Pokhara). HT male (ENIH).

Paralimosina subcibrata (Roháček, 1977). **Distr.:** Palaearctic: Austria, Czech Republic, France, Hungary, Italy, Roumania, Slovakia, Sweden, Yugoslavia (Montenegro).

Limosina subcibrata Roháček, 1977a: 407 [male, illustr.]. Type locality: Czech Republic, Moravia, Brno-Soběšice. HT male (JRO).

Paralimosina (Paralimosina) subcibrata. - Roháček, 1983e: 53-54 [generic combination, both sexes, redescription, phylogenetic notes]; Roháček, 1983f: 203-205 [illustr.].

Paralimosina subcibrata. - Papp, 1984: 95 [Palaearctic catalog]; Roháček & Papp, 1988: 141 [phylogenetic notes]; Munari, 1998: 181-184 [morphological and taxonomic notes, genitalia, illustr.].

Paralimosina trichopyga (Richards, 1952). **Distr.:** Palaearctic: Austria, Czech Republic, France, Germany, Slovakia, Switzerland.

Leptocera (Limosina) trichopyga Richards, 1952b: 89 [male, illustr.]. Type locality: Austria, Niedere Tauern, Bösensteingruppe. HT male (BMNH).

Limosina trichopyga. - Roháček, 1977a: 409 [generic combination, both sexes, redescription, illustr.].

Paralimosina (Paralimosina) trichopyga. - Roháček, 1983e: 55-56 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 208-210 [illustr.].

Paralimosina trichopyga. - Papp, 1984: 95 [Palaearctic catalog]; Roháček & Papp, 1988: 141 [phylogenetic notes].

Genus *Paraptilotus* Richards, 1938

Paraptilotus Richards, 1938a: 393 (masculine). Type species: *Paraptilotus chaetosoma* Richards, 1938, original designation. - Richards, 1957: 376 [key]; Richards, 1965a: 427-435 [new concept, diagnosis, key, illustr.]; Hackman, 1969a: 203, 207 [phylogenetic notes, biogeography]; Richards, 1980: 624 [Afrotropical catalog].

Binorbitalia Richards, 1951a: 831 (feminine). Type species: *Binorbitalia nitidissima* Richards, 1951, original designation. - Richards, 1954: 389 [diagnosis, key to species]; Richards, 1955b: 301 [diagnosis in key]; Richards, 1965a: 427 [synonymy].

Paraptilotus brunneisternum Richards, 1938. **Distr.:** Afrotropical: Kenya.

Paraptilotus brunneisternum Richards, 1938a: 395 [male]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT male (MNHN). - Richards, 1951a: 838 [female]; Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus chaetosoma Richards, 1938. **Distr.:** Afrotropical: Kenya.

Paraptilotus chaetosoma Richards, 1938a: 393 [both sexes]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT female (MNHN). - Richards, 1951a: 839 [illustr.]; Richards, 1965a: 428-429 [genitalia, illustr.]; Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus discontinuus (Richards, 1954). **Distr.:** Afrotropical: Ethiopia.

Binorbitalia discontinuus Richards, 1954: 389 [female, illustr.]. Type locality: Ethiopia, Gamo Province, Mt. Tola [9,800 ft]. HT female (BMNH).

Paraptilotus discontinuus. - Richards, 1965a: 434 [generic combination, redescription]; Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus flavipes Richards, 1938. **Distr.:** Afrotropical: Kenya.

Paraptilotus flavipes Richards, 1938a: 395 [both sexes]. Type locality: Kenya, Camp III of Mount Elgon [3,500 m]. HT male (MNHN). - Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus nitidissimus (Richards, 1951). **Distr.:** Afrotropical: Kenya.

Binorbitalia nitidissima Richards, 1951a: 832 [female, illustr.]. Type locality: Kenya, Aberdare range, Nyeri track [10,500 ft]. HT female (BMNH).

Paraptilotus nitidissimus. - Richards, 1965a: 433-434 [generic combination, redescription]; Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus pallidus Richards, 1965. **Distr.:** Afrotropical: Kenya.

Paraptilotus pallidus Richards, 1965a: 430 [female]. Type locality: Kenya, Mt. Elgon, Maji ya Moto [3,600-3,700 m]. HT female (originally deposited in NHRS but not located there recently, see Pitkin, 1989: 29). - Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus rufescens Richards, 1965. **Distr.:** Afrotropical: Kenya.

Paraptilotus rufescens Richards, 1965a: 430 [male, illustr.]. Type locality: Kenya, Mt. Elgon, North Uganda pass summit [4,165 m]. HT male (originally deposited in NHRS but not located recently, see Pitkin, 1989: 29). - Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus senecionis Richards, 1957. **Distr.:** Afrotropical: Kenya.

Paraptilotus senecionis Richards, 1957: 375 [both sexes, illustr.]. Type locality: Kenya, Mt. Elgon, cratère [3,800-4,000 m]. HT male (MRAC). - Richards, 1965a: 429-430 [variability]; Richards, 1980: 624 [Afrotropical catalog].

Paraptilotus tricolor Richards, 1965. **Distr.:** Afrotropical: Kenya.

Paraptilotus tricolor Richards, 1965a: 432 [both sexes, illustr.]. Type locality: Kenya, Mt. Aberdare, east side [2,900 m]. HT male (originally deposited in NHRS but not located there recently, see Pitkin, 1989: 29). - Richards, 1980: 624 [Afrotropical catalog].

Genus *Paraspelobia* Duda, 1938

Paraspelobia Duda, 1938: 96 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina (Paraspelobia) vlasovi* Duda, 1938, original designation. - Hackman, 1969a: 208 [as genus; list, biogeography]; Roháček, 1983c: 227-232 [as genus, redescription, phylogenetic notes, illustr.]; Papp, 1984: 87 [Palaeartic catalog]; Roháček, 1998a: 485 [as genus; diagnosis in key, illustr.].

Paraspelobia vlasovi (Duda, 1938). **Distr.:** Palaeartic: Turkmenistan.

Limosina (Paraspelobia) Vlasovi Duda, 1938: 96 [both sexes, illustr.]. Type locality: Turkmenistan, Ashkhabad env. LT male, designated by Roháček, 1983c: 230 (ZISP).

Paraspelobia vlasovi. - Roháček, 1983c: 230-232 [generic combination, redescription, illustr.]; Papp, 1984: 87 [Palaeartic catalog].

Genus *Philocoprella* Richards, 1929

Philocoprella Richards, 1929: 172 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Philocoprella) arvernica* Richards, 1929, original designation. - Duda,

1938: 159 [as subgenus of *Limosina*, Macquart, 1835]; Deeming, 1964a: 146 [as subgenus of *Leptocera*, taxonomic notes, key to European species]; Hackman, 1969a: 207 [as genus; biogeography]; Papp, 1973c: 32 [as genus, diagnosis, key]; Papp, 1984: 82 [as genus; Palaearctic catalog]; Roháček, 1998a: 477 [as genus; diagnosis in key].

***Philocoprella arvernica* (Richards, 1929). Distr.:** Palaearctic: France.

Leptocera (Philocoprella) arvernica Richards, 1929: 172 [male, illustr.]. Type locality: France, Puy de Dôme, Besse-en-Chandesse. HT male (BMNH). - Deeming, 1964a: 146 [key].

Limosina (Philocoprella) arvernica. - Duda, 1938: 159 [generic combination].

Philocoprella arvernica. - Papp, 1984: 83 [generic combination, Palaearctic catalog].

Leptocera arvenica. - Nartshuk, 1988: 569 [misspelling].

***Philocoprella italica* (Deeming, 1964). Distr.:** Palaearctic: Afghanistan, Hungary, Italy, Mongolia, Slovakia, Spain, Sweden, Switzerland.

Leptocera (Philocoprella) italica Deeming, 1964a: 145 [both sexes, illustr., key]. Type locality: Italy, N Italy, near Verona, above Ferrara de Monte Baldo [3,000 ft]. HT male (BMNH).

Philocoprella italica. - Papp, 1973a: 383 [generic combination]; Papp, 1973c: 33 [key]; Papp, 1984: 83 [Palaearctic catalog].

***Philocoprella mongolica* Papp, 1973. Distr.:** Palaearctic: Mongolia.

Philocoprella mongolica Papp, 1973a: 383 [both sexes, phylogenetic notes]. Type locality: Mongolia, Central aimak, Dzsargaland [= Žargalant]. HT male (HNHM). - Papp, 1984: 83 [Palaearctic catalog].

***Philocoprella quadrispina* (Laurence, 1952). Distr.:** Palaearctic: Czech Republic, Finland, Great Britain, Hungary, Italy, Roumania, Slovakia, Sweden.

Limosina quadrispina Laurence, 1952: 81 [both sexes, phylogenetic notes, illustr.]. Type locality: Great Britain, England, Herts., Rothamsted Experimental Station. HT male (BMNH).

Leptocera (Philocoprella) quadrispina. - Deeming, 1964a: 145 [generic combination, key].

Philocoprella quadrispina. - Papp, 1971c: 434 [generic combination]; Papp, 1973c: 32 [key]; Papp, 1984: 83 [Palaearctic catalog].

***Philocoprella rectiradiata* Papp, 1973. Distr.:** Palaearctic: Mongolia.

Philocoprella rectiradiata Papp, 1973a: 384 [both sexes]. Type locality: Mongolia, Central aimak, Ulan-Bator [= Ulan-Baator]. HT male (HNHM). - Papp, 1984: 83 [Palaearctic catalog].

Genus *Phthitia* Enderlein, 1938

Phthitia Enderlein, 1938: 650 (feminine). Type species: *Phthitia venosa* Enderlein, 1938, original designation. - Richards, 1955a: 81-86 [partim; diagnosis, review of known species]; Richards, 1967b: 7 [Neotropical catalog]; Roháček, 1991b: 269-270 [phylogenetic relationships]; Marshall & Smith, 1992: 5-79 [redescription, new concept, revision of New World and Pacific species, phylogeny, key, illustr.]; Roháček, 1998a: 485 [diagnosis in key, illustr.].

Phthitia. - Hackman, 1969a: 207 [misspelling].

Pterodrepana Enderlein, 1938: 651 (feminine). Type species: *Pterodrepana selkirki* Enderlein, 1938, original designation. - Richards, 1955a: 81 [synonymy].

Aubertinia Richards, 1951a: 838 (feminine). Type species: *Aubertinia sanctaehelenae* Richards, 1951, original designation. - Richards, 1955b: 301 [diagnosis in key]; Richards, 1980: 615 [Afrotropical catalog]; Marshall & Smith, 1992: 5 [synonymy].

Alimosina: see below as subgenus.

Collimosina: see below as subgenus.

Kimosina: see below as subgenus.

Subgenus *Alimosina* Roháček, 1983

Alimosina Roháček, 1983e: 120 (feminine) [as subgenus of *Kimosina* Roháček, 1983]. Type species: *Borborus empiricus* Hutton, 1901, original designation. - Roháček, 1983e: 120-122 [diagnosis, phylogenetic notes]; Roháček, 1985a: 136-139 [illustr.]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Marshall & Smith, 1992: 10 [*Phthitia empirica* clade]; Roháček, 1998a: 485 [as subgenus of *Phthitia* Enderlein, 1938; diagnosis in key, illustr.].

Alimosina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Phthitia* (A.) *empirica (Hutton, 1901). **Distr.:** Australasian/Oceanian: Australia (ACT), Hawaii (USA), New Zealand (incl. Auckland Is., Campbell I., Snares Is.); Nearctic: Canada (NF, SK), USA (AZ, CA, NM); Neotropical: Argentina, Juan Fernández Is. (Chile), Falkland Is.; Palaearctic: Austria, Azores (Portugal), Belgium, Czech Republic, Denmark, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Hungary, Iceland, Netherlands, Norway, Slovakia, Sweden.

Borborus empiricus Hutton, 1901: 94 [female]. Type locality: New Zealand. HT female (CMNZ).

Leptocera (*Limosina*) *empirica*. - Harrison, 1959: 270 [generic combination, redescription, illustr.]; Richards, 1965c: 724 [Nearctic catalog]; Richards, 1967b: 14 [Neotropical catalog]; Richards, 1973: 370-371 [diagnosis, illustr.].

Limosina empirica. - Papp, 1973c: 47 [generic combination, key, illustr.]; Papp, 1984: 98 [Palaearctic catalog].

Kimosina (*Alimosina*) *empirica*. - Roháček, 1983e: 121-122 [generic combination, redescription, both sexes, phylogenetic notes, biology]; Roháček, 1985a: 136-139 [illustr.]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Phthitia empirica. - Marshall & Smith, 1992: 32 [generic combination, puparium, phylogenetic notes, synanthropy, illustr.].

Limosina (*Leptocera*) *pectinifera* Villeneuve, 1918a: 333 [male]. Type locality: France, Rambouillet. LT male, designated by Roháček, 2001: 473 (MNHN). - Harrison, 1959: 270 [synonymy].

Leptocera (*Limosina*) *pectinifera*. - Richards, 1930: 300 [generic combination].

Limosina (*Limosina*) *pectinifera*. - Duda, 1938: 137 [redescription, illustr.].

Limosina (*Scotophilella*) *cadaverina* Duda, 1918: 130 [female, illustr.]. Type locality: Austria, Wien. HT female (NHMW). - Richards, 1930: 300 [synonymy].

Leptocera (*Scotophilella*) *cadaverina*. - Duda, 1925: 175 [generic combination, probable synonymy].

Phthitia* (A.) *rennelli (Harrison, 1964). **Distr.:** Australasian/Oceanian: New Zealand (Campbell I.).

Leptocera (Limosina) rennelli Harrison, 1964: 315 [both sexes, illustr.]. Type locality: New Zealand, Campbell I., Tucker Cove. HT male (NZAC).

Kimosina (?Kimosina) rennelli. - Roháček, 1983e: 123 [generic combination]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Phthitia rennelli. - Marshall & Smith, 1992: 67-69 [generic combination, redescription, phylogenetic notes, illustr.].

Note: Subgeneric placement tentative (cf. discussion by Marshall & Smith, 1992: 10).

Subgenus *Collimosina* Roháček, 1983

Collimosina Roháček, 1983e: 117 (feminine) [as subgenus of *Kimosina* Roháček, 1983]. Type species: *Limosina spinosa* Collin, 1930, original designation. - Roháček, 1983e: 117-120 [diagnosis, phylogenetic notes]; Roháček, 1985a: 133-135 [illustr.]. - Marshall & Smith, 1992: 10 [*Phthitia spinosa* group]; Roháček, 1998a: 485 [as subgenus of *Phthitia* Enderlein, 1938; diagnosis in key, illustr.].

Collimosina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Phthitia (C.) quadricercus Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (AB, ON, YT), USA (AK, MA, NH).

Phthitia quadricercus Marshall in Marshall & Smith, 1992: 65 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Yukon, Marshall Creek, Alaska Highway km 974.9, 10 km W Haines Junction. HT male (CNCI).

Phthitia (C.) spinosa (Collin, 1930). **Distr.:** Palaearctic: Belgium, Czech Republic, Finland, France, Great Britain, Hungary, Russia (NET), Sweden, Switzerland.

Limosina spinosa Collin, 1930: 20 [male]. Type locality: England, Burwell Fen. HT male (OXUM). - Papp, 1973c: 60 [key]; Papp, 1984: 104 [Palaearctic catalog].

Leptocera (Limosina) spinosa. - Richards, 1930: 303 [generic combination].

Limosina (Limosina) spinosa. - Duda, 1938: 119 [repeated description].

Kimosina (Collimosina) spinosa. - Roháček, 1983e: 119-120 [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1985a: 133-135 [illustr.].

Phthitia spinosa. - Marshall & Smith, 1992: 3-4, 7-10 [generic combination, phylogenetic notes].

Subgenus *Kimosina* Roháček, 1983

Kimosina Roháček, 1983e: 122 (feminine) [as subgenus *Kimosina* s.str.]. Type species: *Limosina plumosula* Rondani, 1880, original designation. - Roháček, 1983e: 122-129 [diagnosis, revision of European species, phylogenetic notes]; Roháček, 1985a: 139-148 [illustr.]; Marshall, 1989b: 603 [Australasian/Oceanian catalog]; Roháček, 1998a: 485 [as subgenus of *Phthitia* Enderlein, 1938; diagnosis in key, illustr.].

Kimosina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Phthitia (K.) antillensis Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Dominican Republic.

Phthitia antillensis Marshall in Marshall & Smith, 1992: 16 [both sexes, illustr.]. Type locality: Dominican Republic, La Ciénaga. HT male (CNCI).

Phthitia (K.) antipoda (Roháček, 1984). **Distr.:** Australasian/Oceanian: Australia (ACT, NSW, QLD, VIC)

Kimosina (Kimosina) antipoda Roháček, 1984a: 57 [both sexes, taxonomic notes, illustr.]. Type locality: Australia, New South Wales, Sydney. HT male (HNHM). - Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Phthitia antipoda. - Marshall & Smith, 1992: 18 [generic combination, both sexes, taxonomic notes, illustr.].

Leptocera (Scotophilella) longisetosa. - Duda, 1925: 173 [misidentification].

Leptocera (Limosina) longisetosa. - Richards, 1973: 375 [misidentification; description, illustr.].

Phthitia (K.) bicalyx Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Argentina, Bolivia, Chile.

Phthitia bicalyx Marshall in Marshall & Smith, 1992: 20 [both sexes, illustr.]. Type locality: Chile, Termas de Chillán, Nuble. HT male (CNCI).

Phthitia (K.) cercipilis Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Bolivia, Chile.

Phthitia cercipilis Marshall in Marshall & Smith, 1992: 22 [both sexes, phylogenetic notes, illustr.]. Type locality: Chile, Santiago, 10 km S, along Río Clarillo. HT male (CNCI).

Phthitia (K.) chilénica (Duda, 1925). **Distr.:** Neotropical: Argentina, Chile.

Leptocera (Scotophilella) chilénica Duda, 1925: 174 [male; females belong to different species, see Marshall & Smith, 1992: 26]. Type locality: Chile, Punta Arenas. LT male, designated by Marshall & Smith, 1992: 24 (SMTD).

Leptocera (Limosina) chilénica. - Richards, 1931: 81 [subgeneric combination]; Richards, 1967b: 14 [Neotropical catalog].

Kimosina (Kimosina) chilénica. - Roháček, 1983e: 116, 123 [generic combination].

Phthitia chilénica. - Marshall & Smith, 1992: 24 [generic combination, redescription, both sexes, taxonomic notes, illustr.].

Phthitia (K.) ciliata (Duda, 1918). **Distr.:** Palaearctic: Algeria, ?Azores (Portugal), Israel, Italy (Sicily), ?Madeira (Portugal), Tunisia.

Limosina (Scotophilella) ciliata Duda, 1918: 129 [both sexes ?]. Type localities: Tunisia, Gafsa; Algeria, Biskra. ST female (HNHM, see Roháček, 1983e: 127).

Leptocera (Limosina) ciliata. - Richards, 1980: 620 [generic combination; Afrotropical catalog].

Kimosina (Kimosina) ciliata. - Roháček, 1983e: 127-128 [generic combination, redescription, female, taxonomic notes]; Roháček, 1985a: 145-146 [illustr.]; Papp & Roháček, 1987: 94-97 [redescription, male, genitalia, illustr.].

Limosina ciliata. - Papp, 1984: 96 [Palaearctic catalog].

Phthitia ciliata. - Marshall & Smith, 1992: 3 [generic combination].

Phthitia (K.) digiseta Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (YT).

Phthitia digiseta Marshall in Marshall & Smith, 1992: 28 [both sexes, taxonomic notes, illustr.]. Type locality: Canada, Yukon, Dempster Highway, Tombstone Mountain Campground. HT male (CNCI).

Phthitia (K.) digistylus Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (YT, NT), USA (AK).

Phthitia digistylus Marshall in Marshall & Smith, 1992: 30 [both sexes, taxonomic notes, illustr.]. Type locality: Canada, Yukon, Koidern, Alaska Highway, km 1133.7. HT male (CNCI).

Phthitia (K.) glabrescens (Villeneuve, 1917). **Distr.:** Palaearctic: Greece, Italy (incl. Sicily), Roumania, Yugoslavia (Serbia).

Leptocera (Limosina) glabrescens Villeneuve, 1917a: 141 [male]. Type locality: Italy, Vallombrosa. LT male, designated by Roháček, 2001: 473 (MNHN). - Papp, 1984: 106 [as species dubia, Palaearctic catalog].

Phthitia (Kimosina) glabrescens. - Roháček, 2001: 473 [generic combination, identity].

Kimolina (Kimosina) pappi Roháček, 1983e: 125 [male, phylogenetic notes]. Type locality: Yugoslavia, Serbia, Kosovo Metohija, Prevalac (defile) [1,550 m]. HT male (MMBC).- Roháček, 1985a: 140, 142, 144 [illustr.]; Roháček, 2001: 473 [synonymy].

Kimolina (Kimosina) cf. pappi. - Munari, 1988b: 62-65 [male genitalia, illustr.].

Phthitia pappi. - Marshall & Smith, 1992: 3-4 [generic combination].

Phthitia (K.) levigena (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC), USA (AZ, CA, CO, MT, UT, WA).

Leptocera (Scotophilella) levigena Spuler, 1925: 152 [both sexes, illustr.]. Type locality: USA, Washington, Clarkston. LT female (labeled as holotype by Spuler and treated as such by Marshall & Smith, 1992) should be regarded as lectotype, by fixation of Marshall & Smith, 1992: 36 (USNM). **Note:** The holotype from "New York, Cold Spring Harbor", is given in the original description (Spuler, 1925c: 153) by mistake; no such specimen apparently existed because the species does not occur in the eastern USA.

Leptocera (Limosina) levigena. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Paralimosina (? Paralimosina) levigena. - Roháček, 1983e: 50 [generic combination, misplacement].

Kimolina levigena. - Roháček & Papp, 1988: 142 [generic combination].

Phthitia levigena. - Marshall & Smith, 1992: 36-38 [generic combination, redescription, both sexes, illustr.].

Phthitia (K.) lineasterna Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (AB, YT).

Phthitia lineasterna Marshall in Marshall & Smith, 1992: 38 [male, taxonomic notes, illustr.]. Type locality: Canada, Alberta, Banff, Vermillion Lake [4,500 ft]. HT male (CASC).

Phthitia (K.) lobocercus Marshall in Marshall & Smith, 1992. **Distr.:** Australasian/Oceanian: New Zealand.

Phthitia lobocercus Marshall in Marshall & Smith, 1992: 39 [both sexes, illustr.]. Type locality: New Zealand, Morere, 30 km E Wairoa [400 ft]. HT male (CNCI).

Phthitia (K.) longisetosa (Dahl, 1909). **Distr.:** Palaearctic: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Iran, Italy, Latvia, Lithuania, Macedonia, Netherlands, Norway, Poland, Russia (WS), Slovakia, Spain, Sweden, Yugoslavia (Montenegro).

Limosina longisetosa Dahl, 1909: 370 [female]. Type locality: Germany, Grunewaldfenn. HT female (ZMHB). - Papp, 1984: 100 [Palaearctic catalog].

Limosina (Scotophilella) longisetosa. - Duda, 1918: 127-129 [subgeneric combination, redescription, both sexes, illustr.].

Leptocera (Scotophilella) longisetosa. - Duda, 1925: 173 [generic combination].

Leptocera (Limosina) longisetosa. - Richards, 1930: 300 [subgeneric combination].

Limosina (Limosina) longisetosa. - Duda, 1938: 130 [redescription, illustr.].

Kimosina (Kimosina) longisetosa. - Roháček, 1983e: 128-129 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 145, 147-148 [illustr.].

Phthitia longisetosa. - Marshall & Smith, 1992: 3-4, 7-9 [generic combination, phylogeny].

Limosina (Limosina) longisetosa var. *flavovaria* Duda, 1938: 130 [nomen nudum].

Phthitia (K.) luteocercus Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (AB, BC), USA (CA).

Phthitia luteocercus Marshall in Marshall & Smith, 1992: 41 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, 32 mi SW Terrace. HT male (CNCI).

Phthitia (K.) luteofrons Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (BC).

Phthitia luteofrons Marshall in Marshall & Smith, 1992: 44 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Hixon. HT male (CNCI).

Phthitia (K.) merida Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Argentina, Bolivia, Ecuador, Venezuela.

Phthitia merida Marshall in Marshall & Smith, 1992: 48 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Mucuchies, trail from Mucuchies to Páramo, 5 km S [3,700 m]. HT male (CNCI).

Phthitia (K.) mulroneyi Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (ON, QC).

Phthitia mulroneyi Marshall in Marshall & Smith, 1992: 26 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Quebec, Meach Lake. HT male (CNCI).

Phthitia (K.) nigrifacies Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (BC).

Phthitia nigrifacies Marshall in Marshall & Smith, 1992: 50 [male, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Hixon. HT male (CNCI).

Phthitia (K.) notthomasi Marshall in Marshall & Smith, 1992. **Distr.:** Australasian/Oceanian: New Zealand (incl. Campbell I.).

Phthitia notthomasi Marshall in Marshall & Smith, 1992: 52 [both sexes, taxonomic notes, illustr.]. Type locality: New Zealand, Whakamaru, 35 km NW Taupo. HT male (CNCI).

Phthitia (K.) obunca Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: USA (AZ, CA, NM, UT).

Phthitia obunca Marshall in Marshall & Smith, 1992: 54 [male, taxonomic notes, illustr.]. Type locality: USA, Arizona, Santa Rita Mountains, Madera Canyon. HT male (CNCI).

Phthitia (K.) occimosa Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (BC, NT), USA (AK, UT).

Phthitia occimosa Marshall in Marshall & Smith, 1992: 57 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Utah, Big Brush Creek, 22 mi N of Vernal [8,000 ft]. HT male (CNCI).

Phthitia (K.) ovicercus Marshall in Marshall & Smith, 1992. **Distr.:** Nearctic: Canada (AB, MB, NS, ON, QC, SK), USA (AK, ME, MT).

Phthitia ovicercus Marshall in Marshall & Smith, 1992: 59 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Wylde Lake Bog, south of Luther Lake, 8 km W Arthur. HT male (CNCI).

Phthitia (K.) plumosula (Rondani, 1880). **Distr.:** Afrotropical: ?Ethiopia; Nearctic: Canada (NB, NS, ON), USA (CT, MD, PA, VA, WI); Neotropical: Chile, ?Ecuador; Palaearctic: Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, China (HEB), Canary Is. (Spain), Czech Republic, Denmark, Estonia, Finland, France (incl. Corsica), Germany, Great Britain, Hungary, Iceland, Italy (incl. Sardinia), Latvia, Macedonia, Madeira (Portugal), Netherlands, Norway, Poland, Roumania, Russia (CET, FE), Slovakia, Spain, Sweden, Switzerland, Yugoslavia; South Atlantic: Gough I.

Limosina plumosula Rondani, 1880: 27 [male]. Type locality: Italy, Parma env. HT male (MZUF). - Papp, 1984: 102 [Palaearctic catalog].

Limosina (Scotophilella) plumosula. - Duda, 1918: 125-127 [subgeneric combination, redescription, both sexes, illustr.].

Leptocera (Scotophilella) plumosula. - Duda, 1925: 173 [generic combination].

Leptocera (Limosina) plumosula. - Richards, 1930: 299 [subgeneric combination]; Richards, 1967b: 15 [Neotropical catalog]; Richards, 1980: 620 [Afrotropical catalog].

Limosina (Limosina) plumosula. - Duda, 1938: 138-139 [redescription, illustr.].

Kimosina (Kimosina) plumosula. - Roháček, 1983e: 123-125 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 139-141 [illustr.].

Phthitia plumosula. - Marshall & Smith, 1992: 62-54 [generic combination, redescription, taxonomic & distributional notes, illustr.].

Phthitia (K.) pteremoides (Papp, 1973). **Distr.:** Palaearctic: Afghanistan, China (MON), Iran, Mongolia, Spain, Tadjikistan.

Limosina pteremoides Papp, 1973a: 407 [both sexes]. Type locality: Mongolia, Central aimak, 25 km E from Somon Lun [1,200 m]. HT male (HNHM). - Roháček, 1983e: 126 [incorrect synonymy with *Phthitia glabrescens* (Villeneuve, 1917)]; Papp, 1984: 102 [Palaearctic catalog].

Phthitia (Kimosina) pteremoides. - Roháček, 2001: 474 [generic combination, restitution from synonymy].

Limosina (Limosina) glabrescens. - Duda, 1938: 125 [misidentification, generic combination, female].

Kimosina (Kimosina) glabrescens. - Roháček, 1983e: 126-127 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 140, 143-144 [illustr.].

Phthitia glabrescens. - Marshall & Smith, 1992: 3, 6-9 [generic combination, phylogeny].

Phthitia (K.) sicana (Munari, 1988). **Distr.:** Palaearctic: Italy (Sicily), Malta.

Kimosina (Kimosina) sicana Munari, 1988b: 66 [male, taxonomic notes, illustr.]. Type locality: Italy, Sicily, F. Molinello a Lentini. HT male (MCNV).

Phthitia sicana. - Marshall & Smith, 1992: 3-4 [generic combination].

Phthitia (Kimosina) sicana. - Gatt, 2000: 515 [distribution].

Phthitia (K.) soikai (Munari, 1990). **Distr.:** Palaearctic: Italy.

Kimosina soikai Munari, 1990b: 67 [male, taxonomic notes, illustr.]. Type locality: Italy, Lido di Volano, valle Giralda (MCNV).

Phthitia soikai. - Marshall & Smith, 1992: 3 [generic combination].

Phthitia (K.) spinicalyx Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Argentina.

Phthitia spinicalyx Marshall in Marshall & Smith, 1992: 73 [both sexes, taxonomic notes, illustr.]. Type locality: Argentina, Jujuy, Agua Caliente, NE Güemes [1,100 m]. HT male (CNCI).

Phthitia (K.) squamosa Marshall in Marshall & Winchester, 1999. **Distr.:** Nearctic: Canada (BC).

Phthitia squamosa Marshall in Marshall & Winchester, 1999: 710 [male, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Upper Carmanah Valley. HT male (DEBU).

Phthitia (K.) thomasi (Harrison, 1959). **Distr.:** Australasian/Oceanian: New Zealand.

Leptocera thomasi Harrison, 1959: 271 [both sexes, illustr.]. Type locality: New Zealand, Auckland, Brown's Bay. HT male (NZAC).

Leptocera (Limosina) thomasi. - Richards, 1973: 381-382 [subgeneric combination].

Kimosina (?Kimosina) thomasi. - Roháček, 1983e: 123 [generic combination]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Phthitia thomasi. - Marshall & Smith, 1992: 75-77 [generic combination, redescription, taxonomic notes, illustr.].

Subgenus *Phthitia* Enderlein, 1938

Phthitia Enderlein, 1938: 650 (see above under the genus). - Richards, 1955a: 81-86 [as genus; diagnosis, revision of species, illustr.]; Richards, 1967b: 7 [as genus; Neotropical catalog]; Marshall & Smith, 1992: 10 [*Phthitia venosa* group and *P. sanctaehelenae*]; Marshall & Smith, 1995: 32-49 [*Phthitia venosa* group; description, revision of species, phylogeny, biogeography, key, illustr.].

Phthitia. - Hackman, 1969a: 207 [misspelling].

Pterodrepana Enderlein, 1938: 651 (feminine). Type species: *Pterodrepana selkirki* Enderlein, 1938, original designation. - Richards, 1955a: 81 [synonymy].

Aubertinia Richards, 1951a: 838 (feminine). Type species: *Aubertinia sanctaehelenae* Richards, 1951, original designation. - Richards, 1955b: 301 [diagnosis in key]; Marshall & Smith, 1992: 5 [synonymy].

Phthitia (P.) alexandri Richards, 1955. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Phthitia alexandri Richards, 1955a: 85 [both sexes, illustr.]. Type locality: Chile, Juan Fernández Is., Masatierra (= Robinson Crusoe I.). HT male (IESC). - Richards, 1967b: 7 [Neotropical catalog]; Marshall & Smith, 1992: 14-15 [redescription, illustr.]; Marshall & Smith, 1995: 36 [diagnosis, illustr.].

Phthitia (P.) charpentieri Marshall & Smith, 1995. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Phthitia charpentieri Marshall & Smith, 1995: 38 [both sexes, illustr.]. Type locality: Chile, Juan Fernández Is., Robinson Crusoe I., between Plazoleta and El Yunque. HT male (MNNC).

Phthitia (P.) cortesi Marshall & Smith, 1995. **Distr.:** Juan Fernández Is. (Chile).

Phthitia cortesi Marshall & Smith, 1995: 38 [male, illustr.]. Type locality: Chile, Juan Fernández Is., Robinson Crusoe I., between Plazoleta and El Yunque. HT male (MNNC).

Phthitia (P.) gonzalezi Marshall & Smith, 1995. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Phthitia gonzalezi Marshall & Smith, 1995: 42 [both sexes, taxonomic & phylogenetic notes, illustr.]. Type locality: Chile, Juan Fernández Is., Robinson Crusoe I., upper part of Plazoleta-El Yunque trail [575 m]. HT male (MNNC).

Phthitia selkirki. - Richards, 1955: 83 [partim].

Phthitia selkerki. - Marshall & Smith, 1992: 71 [misspelling, partim].

Phthitia (P.) miradorensis Marshall & Smith, 1995. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Phthitia miradorensis Marshall & Smith, 1995: 46 [both sexes, phylogenetic notes, illustr.]. Type locality: Chile, Juan Fernández Is., Robinson Crusoe I., north side of Mirador de Selkirk [450 m]. HT male (DEBU).

Phthitia (P.) sanctaehelena (Richards, 1951). **Distr.:** South Atlantic: Saint Helena.

Aubertinia sanctaehelena Richards, 1951a: 838 [both sexes, illustr.]. Type locality: Saint Helena. HT male (BMNH). - Richards, 1980: 615 [Afrotropical catalog].

Phthitia sanctaehelena. - Marshall & Smith, 1992: 69-71 [generic combination, both sexes, phylogenetic notes, illustr.].

Phthitia (P.) selkirki (Enderlein, 1938). **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Pterodrepana Selkirki Enderlein, 1938: 652 [male (erroneously reported as female in original description), illustr.]. Type locality: Chile, Juan Fernández Is., Masatierra (= Robinson Crusoe I.). HT male (NHRS, small remnants only, cf. Marshall & Smith, 1995: 42).

Phthitia selkirki. - Richards, 1955a: 83-85 [generic combination, redescription, both sexes, illustr.]; Richards, 1967b: 7 [Neotropical catalog]; Marshall & Smith, 1995: 40-42 [redescription, both sexes, genitalia, illustr.].

Phthitia selkerki. - Marshall & Smith, 1992: 71-73 [misspelling; redescription, taxonomic notes, illustr.].

Phthitia (P.) venosa Enderlein, 1938. **Distr.:** Neotropical: Juan Fernández Is. (Chile).

Phthitia venosa Enderlein, 1938: 651 [female, illustr.]. Type locality: Chile, Juan Fernández Is., Masatierra (= Robinson Crusoe I.). HT female (NHRS, small remnants only, cf. Marshall & Smith, 1992: 77). - Richards, 1955a: 82-83 (partim) [redescription, female]; Richards, 1967b: 7 [Neotropical catalog]; Marshall & Smith, 1992: 77-78 [redescription, male, illustr.]; Marshall & Smith, 1995: 44-46 [redescription, both sexes, taxonomic notes, illustr.].

Unplaced to subgenus

Phthitia megocula Marshall in Marshall & Smith, 1992. **Distr.:** Neotropical: Ecuador.

Phthitia megocula Marshall in Marshall & Smith, 1992: 46 [both sexes, phylogenetic notes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza Road [4,000 m]. HT male (CNCI).

Phthitia popularis (Richards, 1973) **comb.n.** **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Limosina) popularis Richards, 1973: 378 [both sexes, illustr.]. Type locality: Australia, New South Wales, National Park. HT male (AMSA).

Kimosina (? *Kimosina*) *popularis*. - Roháček, 1983e: 123 [generic combination]; Marshall, 1989b: 603 [Australasian/Oceanian catalog].

Note: According to Marshall & Smith (1992: 4) the species does not belong to *Phthitia* but its correct generic placement is unknown. Consequently, it is retained in the genus on an interim basis only.

Genus *Pismira* Richards, 1960

Pismira Richards, 1960a: 323 (feminine). Type species: *Pismira citrigo* Richards, 1960, original designation. - Richards, 1960a: 328 [diagnosis, key]; Richards, 1965a: 459 [diagnosis in key]; Hackman, 1969a: 207 [list, biogeography]; Richards, 1980: 624 [Afrotropical catalog].
Pismara. - Pitkin, 1989: 30 [misspelling].

Pismira citrigo Richards, 1960. **Distr.:** Afrotropical: Zaire.

Pismira citrigo Richards, 1960a: 323 [both sexes, illustr.]. Type locality: Zaire, Kivu, terr. de Kalehe, contrefort S.-O. du Kahuzi [2,200 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Pismira kabare Richards, 1960. **Distr.:** Afrotropical: Zaire.

Pismira kabare Richards, 1960a: 326 [both sexes]. Type locality: Zaire, distr. Kivu, terr. de Kabare, contrefort S.-E. du Kahuzi [2,080-2,200 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Pismira mwenga Richards, 1960. **Distr.:** Afrotropical: Zaire.

Pismira mwenga Richards, 1960a: 327 [both sexes]. Type locality: Zaire, Kivu, terr. de Mwenga, 'Itombwe S.-O.', mine d'or de la Lwiko [1,900 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Pismira uvira Richards, 1960. **Distr.:** Afrotropical: Zaire.

Pismira uvira Richards, 1960a: 327 [both sexes]. Type locality: Zaire, Kivu, terr. d'Uvira, Haut Luvubu [2,750 m]. HT male (MRAC). - Richards, 1980: 624 [Afrotropical catalog].

Genus *Pleuroseta* Richards, 1973

Pleuroseta Richards, 1973: 355 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Pleuroseta) wentworthi* Richards, 1973, original designation. - Marshall, 1989b: 605 [as genus, Australasian/Oceanian catalog].

Pleuroseta wentworthi (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Pleuroseta) wentworthi Richards, 1973: 355 [male]. Type locality: Australia, New South Wales, Blue Mountains, Wentworth Falls. HT male (AMSA).

Pleuroseta wentworthi. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Genus *Poecilosomella* Duda, 1925

Poecilosomella Duda, 1925: 78 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Copromyza punctipennis* Wiedemann, 1824, subsequent designation by Richards, 1930: 268. - Duda, 1925: 78-104 [description, key, review of species]; Duda, 1938: 23 [as subgenus of *Limosina* Macquart, 1835]; Vanschuytbroeck, 1951b: 12 [as genus]; Deeming, 1964b: 166 [as subgenus of *Leptocera*; checklist]; Richards, 1965c: 722 [as subgenus of

Leptocera; Nearctic catalog] Richards, 1967b: 12 [as subgenus of *Leptocera*; Neotropical catalog]; Deeming, 1969: 58-65 [as subgenus of *Leptocera*; review of Himalayan species, key, illustr.]; Hackman, 1969a: 203, 207 [as genus; phylogenetic notes, biogeography]; Hackman, 1977: 404-406 [as genus; Oriental catalog]; Richards, 1980: 621 [as subgenus of *Leptocera*; Afrotropical catalog]; Papp, 1984: 86 [as genus; Palaearctic catalog]; Marshall & Richards, 1987: 1000 [diagnosis in key, illustr.]; Marshall, 1989b: 605 [as genus; Australasian/Oceanian catalog]; Papp, 1990b: 134-151 [as genus; redescription, revision of Afrotropical species, key, illustr.]; Papp, 1991a: 101-122 [as genus; revision of Oriental, Australasian and Pacific species, key, illustr.]; Roháček, 1998a: 483 [as genus; diagnosis in key, illustr.].

Poecilosomella. - Vanschuytbroeck, 1959a: 20 [misspelling].

Poecilosomella Duda, 1920b: 435 [nomen nudum].

Poecilosomella aciculata (Deeming, 1969). **Distr.:** Oriental: India (West Bengal), Indonesia (Flores, Lombok), Nepal, Sri Lanka; Palaearctic: Japan.

Leptocera (Poecilosomella) aciculata Deeming, 1969: 60 [male, illustr.]. Type locality: E. Nepal, Taplejung Distr., Sangu [6,200 ft]. HT male (BMNH).

Poecilosomella aciculata. - Hackman, 1977: 404 [generic combination, Oriental catalog]; Hayashi, 1986a: 118-119 [key, illustr.]; Papp 1991a: 102-103 [redescription, both sexes, illustr.].

Poecilosomella albipes (Duda, 1925). **Distr.:** Oriental: Philippines, Sri Lanka.

Leptocera (Poecilosomella) albipes Duda, 1925: 86 [male]. Type locality: Philippines, Luzon, Mount Banahao. HT male (? MSNM, Bezzi's collection).

Poecilosomella albipes. - Hackman, 1977: 404 [generic combination, Oriental catalog]; Papp 1991a: 103-104 [redescription].

Poecilosomella amputata (Duda, 1925). **Distr.:** Oriental: Taiwan.

Leptocera (Poecilosomella) amputata Duda, 1925: 97 [both sexes]. Type locality: Taiwan, Chip Chip. LT male, designated by Papp, 1991a: 104 (HNHM).

Poecilosomella amputata. - Hackman, 1977: 404 [generic combination, Oriental catalog]; Papp 1991a: 104 [redescription].

Poecilosomella angulata (Thomson, 1869). **Distr.:** Afrotropical: Angola, Burundi, Ethiopia, Cameroon, Cape Verde Is., Congo, Gabon, Kenya, Madagascar, Malawi, Nigeria, South Africa, Tanzania, Togo, Uganda, Zaire; Australasian/Oceanian: all published records doubtful; Nearctic: USA (FL, TX); Neotropical: Bermuda, Brazil, Colombia, Costa Rica, Cuba, Dominican Republic, Haiti, Mexico (GUE, HID, MEX, MOR, OXA, PUE, QRE, SIN, SLP, VRC), Paraguay, Peru, Puerto Rico, Santa Lucia, St. Vincent; Palaearctic: Canary Is. (Spain).

Limosina angulata Thomson, 1869: 602 [sex ?]. Type locality: "Brasilia" (= Brazil). STs (NHRS, see Richards, 1961b: 563).

Leptocera (Poecilosomella) angulata. - Duda, 1925: 93-95 [generic combination, redescription, illustr.]; Richards, 1965c: 723 [Nearctic catalog]; Richards, 1967b: 12 [Neotropical catalog]; Richards, 1980: 621 [Afrotropical catalog].

Limosina (Poecilosomella) angulata. - Vanschuytbroeck, 1950a: 30 [subgeneric combination].

Poecilosomella angulata. - Vanschuytbroeck, 1951b: 14 [generic combination]; Papp, 1984: 86 [Palaearctic catalog]; Marshall, 1989b: 605 [Australasian/Oceanian catalog]; Papp, 1990b: 135-136, 150 [key, illustr.]; Papp, 1991a: 105-106 [male genitalia, illustr.].

Borborus venalicus Osten-Sacken, 1878: 263 [sex not stated]. Type locality: Cuba. STs, sex unknown (MCZC). - Williston, 1896a: 434 [redescription, illustr.]; Richards, 1961b: 563 [synonymy].

Limosina venalicus. - Coquillett, 1900b: 269 [generic combination, incorrect name termination].

Limosina venalicia. - Adams, 1904: 454 [correct spelling].

Leptocera (Limosina) venalicia. - Malloch, 1914a: 11 [generic combination].

Leptocera (Scotophilella) venalicia. - Spuler, 1925c: 80 [subgeneric combination, illustr.].

Poecilosomella annulitibia (Deeming, 1969). **Distr.:** Oriental: Nepal.

Leptocera (Poecilosomella) annulitibia Deeming, 1969: 62 [both sexes, illustr.]. Type locality: E. Nepal, Taplejung Distr., river banks below Tamrang Bridge [5,500 ft]. HT male (BMNH).

Poecilosomella annulitibia. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991a: 106 [redescription, male genitalia, illustr.].

Poecilosomella arnaudi Papp, 1990. **Distr.:** Afrotropical: Zaire.

Poecilosomella arnaudi Papp, 1990b: 137 [both sexes, illustr.]. Type locality: Zaire, Thysville. HT male (CASC).

Poecilosomella borboroides (F. Walker, 1860). **Distr.:** Oriental: India (Assam, Orissa), Indonesia (Celebes, Java), Malaysia, Philippines (Luzon), Sri Lanka, Taiwan.

Ephydra borboroides F. Walker, 1860: 171 [female]. Type locality: Indonesia, Celebes, Makassar (= Ujungpandang). ST(s) female(s) (BMNH).

Leptocera (Poecilosomella) borboroides. - Deeming, 1964b: 166 [generic combination].

Poecilosomella borboroides. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991a: 121 [key].

Limosina ornata de Meijere, 1908: 177 [sex not given]. Type locality: Java, Semarang. ST male (ZMAN, see de Jong, 2000: 159). - Deeming, 1964b: 166 [synonymy].

Leptocera (Poecilosomella) ornata. - Duda, 1925: 88-90 [generic combination, redescription, illustr.].

Limosina picturatus Malloch, 1913d: 653 [male, incorrect name termination, illustr.]. Type locality: Philippines, Manila. HT male (USNM). - Duda, 1925: 88 [synonymy, as *Limosina picturata*].

Leptocera (Poecilosomella) borboroides var. *picturata*. - Deeming, 1964b: 166 [status].

Poecilosomella brunettii (Deeming, 1969). **Distr.:** Oriental: India (West Bengal).

Leptocera (Poecilosomella) brunettii Deeming, 1969: 63 [male]. Type locality: India, Darjeeling. HT male (BMNH).

Poecilosomella brunettii. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991a: 107, 121 [diagnosis, key].

Poecilosomella capensis Papp, 1990. **Distr.:** Afrotropical: South Africa.

Poecilosomella capensis Papp, 1990b: 137 [both sexes, phylogenetic notes, illustr.]. Type locality: South Africa, Cape Province, Stroms Rivier [200 m]. HT male (CASC).

Poecilosomella cryptica Papp, 1991. **Distr.:** Oriental: Taiwan.

Poecilosomella cryptica Papp, 1991a: 108 [both sexes, illustr.]. Type locality: Taiwan, Koshun. HT male (HNHM).

Poecilosomella furcata (Duda, 1925). **Distr.:** Oriental: Taiwan, Vietnam.

Leptocera (Poecilosomella) furcata Duda, 1925: 91 [both sexes, illustr.]. Type locality: Taiwan, Chip Chip. LT male, designated by Papp, 1991a: 109 (HNHM).

Poecilosomella furcata. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991a: 109-110 [redescription, male genitalia, illustr.].

Poecilosomella giraffa (Richards, 1938). **Distr.:** Afrotropical: Burundi, Cameroon, Ethiopia, Kenya, Tanzania, Zaire.

Leptocera (Poecilosomella) giraffa Richards, 1938a: 390 [both sexes, illustr.]. Type locality: Kenya, E side of Mount Elgon, Suam Fishing Hut [2,400 m]. HT female (MNHN). - Richards, 1980: 621 [Afrotropical catalog].

Limosina (Poecilosomella) giraffa. - Vanschuytbroeck, 1959b: 56 [generic combination].

Poecilosomela giraffa. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Poecilosomella giraffa. - Papp, 1990b: 140-144 [male genitalia, illustr.].

Limosina (Poecilosomella) melania Vanschuytbroeck, 1950b: 16 [a primary junior homonym of *Limosina melania* Haliday, 1836 = *Trachyopella (T.) melania* (Haliday, 1836); both sexes]. Type locality: Zaire, Boma km 31, vers Tshela. HT male (ISNB). - Deeming, 1964b: 166 [homonymy]; Richards, 1980: 621 [homonymy]; Papp, 1990b: 140 [synonymy].

Leptocera (Poecilosomella) melania. - Deeming, 1964b: 166 [generic combination].

Poecilosomela melania. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Limosina (Poecilosomella) tincta Vanschuytbroeck, 1950a: 30 [male, illustr.]. Type locality: Zaire, P.N.A.[lbert], Gîte V. Nyiragongo [2,300 m]. HT male (MRAC). - Papp, 1990b: 143 [synonymy].

Leptocera (Poecilosomella) tincta. - Deeming, 1964b: 167 [generic combination]; Richards, 1980: 621 [Afrotropical catalog].

Poecilosomela tincta. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Limosina (Poecilosomella) upembana Vanschuytbroeck, 1959b: 53 [both sexes, illustr.]. Type locality: Zaire, P. N. U[pemba], Mukana [1,810 m]. HT male (MRAC). - Papp, 1990b: 143 [synonymy].

Leptocera (Poecilosomella) upembana. - Richards, 1980: 621 [generic combination, Afrotropical catalog].

Poecilosomela upembana. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Limosina (Poecilosomella) upembaensis. - Vanschuytbroeck, 1959b: 54 [misspelling].

Leptocera (Poecilosomella) melanioides Richards, 1980: 621 [nom.n. for *Limosina (Poecilosomella) melania* Vanschuytbroeck, 1950; Afrotropical catalog]. Type locality: Zaire, Boma km 31, vers Tshela. - Papp, 1990b: 143 [synonymy].

Poecilosomella himalayensis (Deeming, 1969). **Distr.:** Oriental: Nepal.

Leptocera (Poecilosomella) himalayensis Deeming, 1969: 61 [both sexes, illustr.]. Type locality: Nepal, Taplejung Distr., river banks below Tamrang Bridge [5,500 ft]. HT male (BMNH).

Poecilosomella himalayensis. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991a: 110-111,121 [diagnosis, key].

Poecilosomella hyalipennis Hackman, 1965. **Distr.:** Afrotropical: Ethiopia, South Africa.

Poecilosomella hyalipennis Hackman, 1965a: 498 [male, illustr.]. Type locality: South Africa, Cape Prov., Bainskloof E of Wellington [2,000 ft]. HT male (NMSA). - Papp, 1990b: 143, 150 [diagnosis, key].

Leptocera (Poecilosomella) hyalipennis. - Richards, 1980: 621 [generic combination]; Richards, 1980: 621 [Afrotropical catalog].

- Poecilosomella insularis*** Hayashi, 1997. **Distr.:** Australasian/Oceanian: Biak Is. (Indonesia), Papua New Guinea.
Poecilosomella insularis Hayashi, 1997: 49 [both sexes, illustr.]. Type locality: Papua New Guinea, Mt. Hagen, Beyer River [1,200 m]. HT male (ENIH).
- Poecilosomella longecostata*** (Duda, 1925). **Distr.:** Afrotropical: Ethiopia, Kenya, Nigeria, Tanzania, Togo, Uganda, South Africa, Zaire.
Leptocera (Poecilosomella) longecostata Duda, 1925: 92 [both sexes, illustr.]. Type locality: Ethiopia, Tshertsher. LT male, designated by Papp, 1990b: 145 (HNHM). - Richards, 1980: 621 [Afrotropical catalog].
Limosina (Poecilosomella) longecostata. - Vanschuytbroeck, 1950a: 12 [generic combination, diagnosis].
Poecilosomella longecostata. - Vanschuytbroeck, 1951b: 12 [generic combination]; Papp, 1990b: 145, 149 [distribution, key].
Leptocera (Poecilosomella) longicostata. - Deeming, 1964b: 166 [misspelling].
Poecilosomella longaecostata. - Hackman, 1965a: 499 [misspelling].
- Poecilosomella longinervis*** (Duda, 1925). **Distr.:** Afrotropical: record from Zaire is misidentification; Oriental: Burma, China (province unknown), India (Mizoram, Uttaranchal), Nepal, Taiwan.
Leptocera (Poecilosomella) longinervis Duda, 1925: 103 [both sexes, illustr.]. Type locality: Taiwan, Kosempo. LT male, designated by Papp, 1991a: 111 (HNHM). - Deeming, 1969: 59 [key, taxonomic notes].
Limosina (Poecilosomella) longinervis. - Vanschuytbroeck, 1959b: 54 [generic combination, misidentification].
Poecilosomella longinervis. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, misidentification, generic combination].
Poecilosomella longinervis. - Hackman, 1977: 405 [Oriental catalog]; Papp, 1991a: 111-112, 121 [redescription, key].
- Poecilosomella lusingana*** (Vanschuytbroeck, 1959). **Distr.:** Afrotropical: Congo, Zaire.
Limosina (Poecilosomella) lusingana Vanschuytbroeck, 1959b: 56 [male]. Type locality: Zaire, P.N.U[pemba], Lusinga [1,760 m]. HT male (MRAC).
Leptocera (Poecilosomella) lusingana. - Richards, 1980: 621 [generic combination, Afrotropical catalog].
Poecilosomella lusingana. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].
Poecilosomella lusingana. - Papp, 1990b: 145 [correct spelling, key].
- Poecilosomella maxima*** (Vanschuytbroeck, 1950). **Distr.:** Afrotropical: Cameroon, Kenya, Nigeria, Rwanda, South Africa, Zaire.
Limosina (Poecilosomella) maxima Vanschuytbroeck, 1950a: 28 [both sexes, illustr.]. Type locality: Zaire, Rutshuru. HT male (MRAC).
Leptocera (Poecilosomella) maxima. - Deeming, 1964b: 166 [generic combination]; Richards, 1980: 621 [Afrotropical catalog].
Poecilosomella maxima. - Vanschuytbroeck, 1951b: 15 [generic combination]; Papp, 1990b: 145-146, 151 [distribution, key].
- Poecilosomella mejerei*** (Duda, 1925). **Distr.:** Oriental: Indonesia (Java).
Leptocera (Poecilosomella) Meijerei Duda, 1925: 90 [sex not given, illustr.]. Type locality: Java, Tjibodas [5,000-6,000 ft]. HT sex unknown (not found in ZMAN, see Papp, 1991b: 112).

Leptocera (Poecilosomella) mejerei. - Deeming, 1964b: 166 [suggested homonymy].

Poecilosomella dudai Hackman, 1967: 405 [unnecessary nom. n. for *Leptocera (Poecilosomella) Mejerei* Duda, 1925, a secondary junior homonym of *Limosina (Scotophilella) Mejerei* Duda, 1918; Oriental catalog]. Type locality: Java, Tjibodas [5,000-6,000 ft]. - Papp, 1991a: 112 [synonymy].

Note: No material is currently available of the species which is therefore considered somewhat doubtful (Papp, 1991a: 112).

Poecilosomella mirabilis Vanschuytbroeck, 1951. **Distr.:** Afrotropical: Nigeria, Sudan, Uganda, Zaire.

Poecilosomella mirabilis Vanschuytbroeck, 1951b: 12 [female, illustr.]. Type locality: Zaire, Likete. HT female (ISNB). - Papp, 1990b: 146, 150-151 [taxonomic notes, key].

Limosina (Poecilosomella) mirabilis. - Vanschuytbroeck, 1959a: 20 [generic combination, misspelling of subgeneric name].

Leptocera (Poecilosomella) mirabilis. - Deeming, 1964b: 166 [generic combination].

Leptocera (Poecilosomella) mirabiloides Richards, 1980: 621 [unnecessary nom. n. for *Poecilosomella mirabilis* Vanschuytbroeck, 1951, a secondary junior homonym of *Limosina mirabilis* Collin, 1902; Afrotropical catalog]. Type locality: Zaire, Likete. - Papp, 1990b: 146 [synonymy].

Poecilosomella multicolor (Richards, 1968). **Distr.:** Afrotropical: Rwanda, South Africa, Zimbabwe.

Leptocera (Poecilosomella) multicolor Richards, 1968c: 100 [both sexes, illustr.]. Type locality: South Africa, Cape Province, Cape Peninsula, Muizenberg, "Waterval" (NMSA). - Richards, 1980: 621 [Afrotropical catalog].

Poecilosomella multicolor. - Papp, 1990b: 146-147, 150 [taxonomic notes, key].

Leptocera (Poecilosomella) multicolor spp. *lamellata* Richards, 1968: 104 [both sexes, illustr.]. Type locality: South Africa, Cape Province, Fort Beaufort district, Katberg. HT male (NMSA). - Richards, 1980: 621 [Afrotropical catalog]; Papp, 1990b: 146 [synonymy].

Leptocera (Poecilosomella) multicolor spp. *pallidifemur* Richards, 1968: 104 [both sexes, illustr.]. Type locality: South Africa, Natal, Lions River district, Howick, up the rapids of the Umgeni R. HT male (NMSA). - Richards, 1980: 621 [Afrotropical catalog]; Papp, 1990b: 146 [synonymy].

Poecilosomella multipunctata (Duda, 1925). **Distr.:** Oriental: India, Indonesia (Flores, Lombok, Sumbawa), Philippines (Luzon, Mindoro, Palawan), Taiwan.

Leptocera (Poecilosomella) multipunctata Duda, 1925: 101 [both sexes, illustr.]. Type locality: Taiwan, Kankau. LT male, designated by Papp, 1991a: 112.

Poecilosomella multipunctata. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991b: 112-114 [redescription, taxonomic notes].

Leptocera (Poecilosomella) apicata Richards, 1964a: 614 [both sexes, illustr.]. Type locality: Philippines, Mindoro, San Jose. HT male (CASC). - Papp, 1991a: 114 [synonymy].

Poecilosomella nepalensis (Deeming, 1969). **Distr.:** Oriental: Nepal, India (West Bengal).

Leptocera (Poecilosomella) nepalensis Deeming, 1969: 63 [male]. Type locality: Nepal, Taplejung Distr., river banks below Tamrang Bridge [5,500 m]. HT male (BMNH).

Poecilosomella nepalensis. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Papp, 1991b: 114-115 [redescription, taxonomic notes, illustr.].

Poecilosomella nigrotibiata (Duda, 1925). **Distr.:** Oriental: Taiwan.

Leptocera (Poecilosomella) nigrotibiata Duda, 1925: 98 [male]. Type locality: Taiwan, Takao. HT male (HNHM).

Poecilosomella nigrotibiata. - Papp, 1991a: 115, 121 [generic combination, redescription, key].

Poecilosomella nigrotibia. - Hackman, 1977: 405 [misspelling, Oriental catalog].

Poecilosomella pallidimana (Duda, 1925). **Distr.:** Afrotropical: Ethiopia, Madagascar, South Africa, Tanzania, Uganda, Zaire, Zimbabwe.

Leptocera (Poecilosomella) pallidimana Duda, 1925: 85 [male]. Type locality: Ethiopia, Marako. HT male (HNHM). - Richards, 1980: 621 [Afrotropical catalog].

Limosina (Poecilosomella) pallidimana. - Vanschuytbroeck, 1950a: 27 [generic combination].

Poecilosomella pallidimana. - Hackman, 1965a: 498 [generic combination]; Papp, 1990b: 147, 150 [distribution, key].

Poecilosomella pappi Hayashi, 1997. **Distr.:** Oriental: Malaysia (Borneo), Sri Lanka.

Poecilosomella pappi Hayashi, 1997: 50 [both sexes, illustr.]. Type locality: Sri Lanka, Kandy. HT male (ENIH).

Poecilosomella pectiniterga (Deeming, 1964). **Distr.:** Australasian/Oceanian: ?Australia (NT, NSW, QLD); Oriental: Christmas I. (Australia), ?Indonesia (Flores).

Leptocera (Poecilosomella) pectiniterga Deeming, 1964b: 164 [both sexes, illustr.]. Type locality: Christmas Island (Indian Ocean), East Coast. HT male (BMNH).

Poecilosomella pectiniterga. - Hackman, 1977: 405 [generic combination, Oriental catalog]; Marshall, 1989b: 605 [Australasian/Oceanian catalog]; Papp, 1991a: 116, 121 [distribution, key]; Hayashi, 1997: 52-53 [diagnosis, male genitalia, illustr.].

Poecilosomella perinetica (Hackman, 1967). **Distr.:** Afrotropical: Madagascar.

Leptocera (Poecilosomella) perinetica Hackman, 1967b: 33 [both sexes, illustr.]. Type locality: Madagascar, Province of Diégo-Suarez, Mtge d'Ambre. HT male (NHMB). - Richards, 1980: 621 [Afrotropical catalog].

Poecilosomella perinetica. - Papp, 1990b: 147, 150 [generic combination, key].

Poecilosomella pictitarsis (Richards, 1938). **Distr.:** Afrotropical: Kenya, South Africa, Zaire.

Leptocera (Poecilosomella) pictitarsis Richards, 1938: 388 [both sexes, illustr.]. Type locality: Kenya, Marakwet, Campi Cherangani [3,000 m]. HT female (MNHN). - Richards, 1980: 621 [Afrotropical catalog].

Poecilosomella pictitarsis. - Hackman, 1965a: 499 [generic combination]; Papp, 1990b: 147-149, 150 [diagnosis, male genitalia, key, illustr.].

Leptocera (Poecilosomella) pictitarsus. - Deeming, 1964b: 166 [misspelling].

Limosina (Poecilosomella) niveipes Vanschuytbroeck, 1950b: 17 [both sexes]. Type locality: Zaire, Mateba (île). HT male (ISNB). - Papp, 1990b: 147 [synonymy].

Poecilosomella niveipes. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, generic combination].

Leptocera (Poecilosomella) niveipes. - Richards, 1980: 621 [generic combination, Afrotropical catalog].

Poecilosomella punctipennis (Wiedemann, 1824). **Distr.:** Afrotropical: all records are based on misidentifications; Australasian/Oceanian: American Samoa, Australia (QLD), Guam (USA), Fiji, Hawaii (USA), Micronesia (Yap Is.), New Caledonia, Niue, Palau (USA), Papua New Guinea; Oriental: India (Madhya Pradesh, Maharashtra, Orissa, Uttaranchal, West Bengal), Indonesia (Flores, Sumbawa), Nepal, Philippines (Luzon), Sri Lanka, Taiwan, Vietnam. Palaeartic: Japan.

Copromyza punctipennis Wiedemann, 1824: 59 [sex not stated]. Type locality: "India orient.". ST(s), sex unknown (?ZMUC).

Leptocera (Poecilosomella) punctipennis. - Duda, 1925: 95-97 [generic combination, redescription, illustr.]; Tenorio, 1968: 184-185, 194 [redescription, illustr.].

Poecilosomella punctipennis. - Vanschuytbroeck, 1970: 264 [misspelling of genus name, misidentification, generic combination].

Poecilosomella punctipennis. - Hackman, 1977: 406 [Oriental catalog]; Hayashi, 1986a: 117, 119 [key, illustr.]; Marshall, 1989b: 605 [Australasian/Oceanian catalog]; Papp, 1991a: 116-118 [male genitalia, illustr.].

Poecilosomella rectinervis (Duda, 1925). **Distr.:** Oriental: Burma, Indonesia (Java).

Leptocera (Poecilosomella) rectinervis Duda, 1925: 100 [male]. Type locality: Java, "Mons Gede" [8,000 ft]. HT male (NHMW).

Poecilosomella rectinervis. - Hackman, 1977: 496 [generic combination, Oriental catalog]; Papp, 1991a: 118-119, 121 [redescription, key].

Poecilosomella varians (Duda, 1925). **Distr.:** Oriental: Burma, India (Maharashtra, West Bengal), Indonesia (Celebes, Flores), Malaysia, Nepal, Singapore, Sri Lanka, Taiwan.

Leptocera (Poecilosomella) varians Duda, 1925: 99 [both sexes]. Type locality: Singapore. LT male, designated by Papp, 1991a: 119 (HNHM). - Deeming, 1969: 59-64 [key, male genitalia, illustr.].

Poecilosomella varians. - Hackman, 1977: 406 [generic combination, Oriental catalog]; Papp, 1991a: 119-122 [redescription, key, illustr.].

Genus *Popondetta* Richards, 1973

Popondetta Richards, 1973: 356 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Leptocera (Popondetta) vittigera* Richards, 1973, original designation. - Marshall, 1989b: 605 [as genus; Australasian/Oceanian catalog].

Popondetta kurandensis (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (QLD).

Leptocera (Popondetta) kurandensis Richards, 1973: 358 [female, illustr.]. Type locality: Australia, Queensland, Kuranda. HT female (AMSA).

Popondetta kurandensis. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Popondetta vittigera (Richards, 1973). **Distr.:** Australasian/Oceanian: Papua New Guinea.

Leptocera (Popondetta) vittigera Richards, 1973: 357 [male]. Type locality: Papua New Guinea, Popondetta subdistrict, near Sasambata. HT male (AMSA).

Popondetta vittigera. - Marshall, 1989b: 606 [generic combination, Australasian/Oceanian catalog].

Genus *Pseudocollinella* Duda, 1924

Pseudocollinella Duda, 1924b: 166 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina septentrionalis* Stenhammar, 1855, monotypy. - Richards, 1930: 287 [as subgenus of *Leptocera* Olivier, 1813; diagnosis]; Hackman, 1969a: 204 [as synonym of

Opacifrons Duda, 1918]; Richards, 1973: 317 [as subgenus of *Leptocera*; diagnosis]; Roháček, 1991b: 269-270 [as genus, phylogenetic relationships]; Marshall & Smith, 1993: 835-857 [as genus, redefined concept, diagnosis, phylogeny, revision of Nearctic species, key, illustr.]; Roháček, 1998a: 479 [diagnosis in key, illustr.].

Spinotarsella Richards, 1929: 173 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Limosina humida* Haliday, 1836, original designation. - Hackman, 1968b: 42 [synonymy with *Opacifrons*]; Richards, 1980: 622 [Afrotropical catalog]; Marshall & Smith, 1993: 835 [synonymy].

Opacifrons. - Duda, 1918: 22 [partim]; Hackman, 1968b: 40-41 [as subgenus of *Leptocera*]; Hackman, 1969a: 204 [as subgenus of *Leptocera*]; Papp, 1984: 88-89 [as genus, catalog of Palearctic species].

Archicollinella. - Duda, 1925: 64-67 [partim, diagnosis]; Hackman, 1968b: 40-41 [partim, as subgenus of *Leptocera*; synonymy with *Pseudocollinella* and *Opacifrons*]; Marshall & Smith, 1993: 835 [partim, synonymy].

Pseudocollinella abhorrens (Roháček, 1990). **Distr.:** Nearctic: Canada (AB, MB, NT, YT), USA (AK). Palearctic: Sweden.

Opacifrons abhorrens Roháček, 1990a: 221 [male, illustr.]. Type locality: Sweden, Vg. Götene, Stora Lund. HT male (NHRS).

Pseudocollinella abhorrens. - Marshall & Smith, 1993: 836-843 [generic combination, both sexes, phylogenetic notes, key, illustr.].

Pseudocollinella aquilifrons Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (YT), USA (AK).

Pseudocollinella aquilifrons Marshall in Marshall & Smith, 1993: 856 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Yukon, Tombstone Mountain Campground, Dempster Highway. HT male (CNCI).

Pseudocollinella arctopellucida Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (NT, YT); USA (AK).

Pseudocollinella arctopellucida Marshall in Marshall & Smith, 1993: 845 [both sexes, illustr.]. Type locality: Canada, Northwest Territories, Frog Creek, Dempster Highway km 594. HT male (CNCI).

Pseudocollinella attractans Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (BC, MB, NT, YT).

Pseudocollinella attractans Marshall in Marshall & Smith, 1993: 843 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Yukon, North Richardson Mountains, Summit Lake. HT male (CNCI).

Pseudocollinella boreosciapidis Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (NT, ON).

Pseudocollinella boreosciapidis Marshall in Marshall & Smith, 1993: 849 [male, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Severn Falls, 5 mi S. HT male (CNCI).

Pseudocollinella caelobata (Spuler, 1924). **Distr.:** Nearctic: Canada (AB, BC, NB, ON), USA (AK, CA, ID, OR, WA).

Leptocera (Opacifrons) caelobata Spuler, 1924a: 126 [male, illustr.]. Type locality: USA, Washington, Pullman. HT male (USNM). - Richards, 1965c: 722 [Nearctic catalog].

Pseudocollinella caelobata. - Marshall & Smith, 1993: 856-857 [generic combination, both sexes, redescription, phylogenetic notes, illustr.]. HT male (USNM).

- Pseudocollinella charlottensis*** Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (BC), USA (WA).
Pseudocollinella charlottensis Marshall in Marshall & Smith, 1993: 845 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Queen Charlotte Islands, Graham I., Rennell Sound at Gregory Creek. HT male (DEBU).
- Pseudocollinella difficilis*** (Richards, 1973) **comb.n.** **Distr.:** Australasian/Oceanian: Australia (ACT).
Leptocera (Pseudocollinella) difficilis Richards, 1973: 317 [female]. Type locality: Australia, Australian Capital Territory, Black Mountain. HT female (ANIC).
Opacifrons difficilis. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].
Note: Generic placement uncertain.
- Pseudocollinella flavilabris*** (Hackman, 1968). **Distr.:** Nearctic: Canada (YT); Palaearctic: Finland, Russia (NET), Sweden.
Leptocera (Opacifrons) flavilabris Hackman, 1968b: 42 [both sexes, illustr.]. Type locality: Finland, Lkem. Muonio. HT male (MZHF).
Opacifrons flavilabris. - Papp, 1984: 88 [generic combination, Palaearctic catalog].
Pseudocollinella flavilabris. - Marshall & Smith, 1993: 844-845 [generic combination, redescription, phylogenetic notes, key, illustr.].
- Pseudocollinella grandis*** (Spuler, 1924). **Distr.:** Nearctic: USA (OR, WA).
Leptocera (Opacifrons) grandis Spuler, 1924a: 123 [both sexes, illustr.]. Type locality: USA, Oregon, Portland. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog].
Pseudocollinella grandis. - Marshall & Smith, 1993: 852-853 [generic combination, redescription, illustr.].
- Pseudocollinella hirsutipellucida*** Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: USA (NM).
Pseudocollinella hirsutipellucida Marshall in Marshall & Smith, 1993: 846 [male, phylogenetic notes, illustr.]. Type locality: USA, New Mexico, Jemez Springs. HT male (USNM).
- Pseudocollinella humida*** (Haliday, 1836). **Distr.:** Afrotropical: ?Madagascar, ?Zaire; Palaearctic: Afghanistan, Algeria, Andorra, Armenia, Austria, ?Azores (Portugal), Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France (incl. Corsica), Germany, Great Britain, Hungary, Iceland, Ireland, Italy (incl. Pantelleria I., Sardinia), Kazakhstan, Latvia, Lithuania, ?Madeira (Portugal), Malta, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (CET, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia.
Limosina humida Haliday, 1836: 328 [sex ?]. Type localities: Ireland, nr. Holywood; England, ? nr. London. STs (NMID, cf. Collin, 1914: 240).
Limosina (Opacifrons) humida. - Duda, 1918: 79-81 [subgeneric combination, redescription, illustr.].
Leptocera (Opacifrons) humida. - Duda, 1925: 68 [generic combination]; Hackman, 1968: 43 [female terminalia, illustr.]; Papp, 1973c: 67 [key, illustr.]; Roháček, 1982a: 69-70 [male genitalia, illustr.].
Leptocera (Spinotarsella) humida. - Richards, 1929: 173 [subgeneric combination]; Richards, 1980: 622 [Afrotropical catalog].
Limosina (Spinotarsella) humida. - Duda, 1938: 91-92 [redescription, illustr.].
Spinotarsella humida. - Frey, 1941: 26 [generic combination].

Opacifrons humida. - Papp, 1982a: 130 [generic combination, Palaearctic catalog].

Pseudocollinella humida. - Marshall & Smith, 1993: 835-839 [generic combination, phylogenetic notes, key].

Limosina pumilio. - Zetterstedt, 1847: 2495 [misidentification]; Stenhammar, 1855: 382-384 [misidentification, redescription].

Pseudocollinella jorlii (Carles-Tolrá, 1990). **Distr.:** Palaearctic: Algeria, Azores (Portugal), Canary Is. (Spain), Great Britain, Italy (incl. Sardinia, Sicily), Malta, Morocco, Portugal, Slovakia, Spain.

Opacifrons jorlii Carles-Tolrá, 1990a: 40 [both sexes, phylogenetic notes, illustr.]. Type locality: Spain, Province Gerona, Breda. HT male (CTB).

Pseudocollinella jorlii. - Marshall & Smith, 1993: 835-839 [generic combination, phylogenetic notes, key].

Opacifrons jorlii Carles-Tolrá, 1986: 32 [nomen nudum].

Pseudocollinella nasalis (Richards, 1973) **comb.n.** **Distr.:** Australasian/Oceanian: Australia (QLD).

Leptocera (Pseudocollinella) nasalis Richards, 1973: 318 [female]. Type locality: Australia, Queensland, Ingham. HT female (ANIC).

Opacifrons nasalis. - Marshall, 1989b: 605 [generic combination, Australasian/Oceanian catalog].

Note: Generic placement uncertain.

Pseudocollinella ochrea (Papp, 1974). **Distr.:** Palaearctic: Mongolia, Tadjikistan.

Leptocera (Opacifrons) ochrea Papp, 1974d: 262 [both sexes]. Type locality: Mongolia, South Gobi aimak, near Dund-Gol. HT male (ZISP).

Opacifrons ochrea. - Papp, 1984: 89 [generic combination, Palaearctic catalog].

Pseudocollinella ochrea. - Marshall & Smith, 1993: 835 [generic combination].

Pseudocollinella parapellucida Marshall in Marshall & Smith, 1993. **Distr.:** Neotropical: Mexico (BCN).

Pseudocollinella parapellucida Marshall in Marshall & Smith, 1993: 846 [both sexes, taxonomic notes, illustr.]. Type locality: Mexico, Baja California Norte, Sierra San Pedro Mártir, La Grulla [6,900 ft]. HT male (CASC).

Pseudocollinella parasciaspidis Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: USA (AZ, CA, NM).

Pseudocollinella parasciaspidis Marshall in Marshall & Smith, 1993: 855 [both sexes, taxonomic notes, illustr.]. Type locality: USA, Arizona, Flagstaff, Oak Creek Canyon at Sterling Canyon [5,900 ft]. HT male (CNCI).

Pseudocollinella pellucida (Spuler, 1924). **Distr.:** Nearctic: Canada (BC), USA (CO, ID, WA, WY).

Leptocera (Opacifrons) pellucida Spuler, 1924a: 127 [both sexes, illustr.]. Type locality: USA, Washington, Oroville. HT male (USNM). - Richards, 1965c: 722 [Nearctic catalog].

Pseudocollinella pellucida. - Marshall & Smith, 1993: 847 [redescription, both sexes, phylogenetic notes, illustr.].

Pseudocollinella sciaspidis (Spuler, 1924). **Distr.:** Nearctic: Canada (AB, BC, MB), USA (AK, CA, CO, ID, NV, OR, WA).

Leptocera (Opacifrons) sciaspidis Spuler, 1924a: 124 [both sexes, illustr.]. Type locality: USA, Washington, Friday Harbor. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog].

Pseudocollinella sciaspidis. - Marshall & Smith, 1993: 853-855 [redescription, both sexes, taxonomic notes, illustr.].

Pseudocollinella septentrionalis (Stenhammar, 1855). **Distr.:** Palaearctic: Bulgaria, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Latvia, Mongolia, Norway, Poland, Roumania, Russia (ES, FE, NET, WS), Switzerland, Sweden.

Limosina septentrionalis Stenhammar, 1855: 384 [both sexes]. Type localities: Sweden, "Lapponia" and "in Hallandia prope Karup" and "in Scania ad lacum Ringsjön". STs (UZI, MZLU, one ST in each, cf. Kim, 1972: 206, 208).

Limosina (Collinella) septentrionalis. - Duda, 1918: 76-79 [subgeneric combination, redescription, illustr.].

Limosina (Pseudocollinella) septentrionalis. - Duda, 1924b: 166 [subgeneric combination]; Duda, 1938: 68-69 [redescription, illustr.].

Leptocera (Archicollinella) septentrionalis. - Duda, 1925: 67 [subgeneric combination].

Leptocera (Pseudocollinella) septentrionalis. - Richards, 1930: 287 [subgeneric combination].

Leptocera (Opacifrons) septentrionalis. - Hackman, 1968b: 43 [subgeneric combination; genitalia, illustr.].

Opacifrons septentrionalis. - Papp, 1984: 89 [generic combination, Palaearctic catalog].

Pseudocollinella septentrionalis. - Marshall & Smith, 1993: 835-839 [generic combination, phylogenetic notes, key, illustr.].

Pseudocollinella tunisica (Papp, 1977). **Distr.:** Palaearctic: Tunisia.

Leptocera (Opacifrons) tunisica Papp, 1977d: 121 [female]. Type locality: Tunisia, Boughrara. HT female (HNHM).

Opacifrons tunisica. - Papp, 1984: 89 [generic combination, Palaearctic catalog].

Pseudocollinella tunisica. - Marshall & Smith, 1993: 835 [generic combination].

Pseudocollinella utapellucida Marshall in Marshall & Smith, 1993. **Distr.:** Nearctic: Canada (BC), USA (UT).

Pseudocollinella utapellucida Marshall in Marshall & Smith, 1993: 847 [male, taxonomic notes, illustr.]. Type locality: USA, Utah, Wasatch Co., 2 mi S Daniels Pass [8,500 ft]. HT male (CNCI).

Genus *Pteremis* Rondani, 1856

Pteremis Rondani, 1856: 124 (feminine). Type species: *Borborus nivalis* Haliday, 1833 [= *Pteremis fenestralis* (Fallén, 1820)], original designation. - Duda, 1918: 28 [as subgenus of *Limosina* Macquart, 1835; diagnosis in key]; Spuler, 1924d: 375 [as subgenus of *Leptocera* Olivier, 1813]; Richards, 1930: 288 [as subgenus of *Leptocera*; diagnosis]; Hackman, 1969a: 204, 208 [as subgenus of *Leptocera*; phylogenetic notes, biogeography]; Papp, 1984: 87 [as genus; Palaearctic catalog]; Marshall & Richards, 1987: 999 [as subgenus of *Leptocera*; diagnosis in key, illustr.]; Roháček, 1998a: 479 [diagnosis in key, illustr.].

Pteremis. - Schiner, 1864a: 334 [misspelling].

Coprobria Lioy, 1864: 1116 (feminine). Type species: *Copromyza fenestralis* Fallén, 1820, monotypy. - Richards, 1930: 265 [synonymy].

Stenhammaria Duda, 1918: 28 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Copromyza fenestralis* Fallén, 1820, monotypy. - Richards, 1930: 266 [synonymy].

Pteremis canaria (Papp, 1977). **Distr.:** Palaearctic: Canary Is. (Spain).

Leptocera (Pteremis) canaria Papp, 1977b: 126 [both sexes, illustr.]. Type locality: Canary Islands, Tenerife, Mte Realejo Alto. HT male (ULCI).

Pteremis canaria. - Papp, 1982a: 130 [generic combination]; Papp, 1984: 87 [Palaeartic catalog].

Pteremis fenestralis (Fallén, 1820). **Distr.:** Palaeartic: Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Ireland, Italy, Latvia, Netherlands, Norway, Poland, Portugal, Russia (CET, FE), Slovakia, Spain, Switzerland, Sweden.

Copromyza fenestralis Fallén, 1820: 8 [both sexes]. Type locality: Sweden, Esperöd. STs, both sexes (NHRS).

Limosina fenestralis. - Zetterstedt, 1847: 2504 [generic combination].

Limosina (Stenhammaria) fenestralis. - Duda, 1918: 88-90 [subgeneric combination, redescription, illustr.]; Duda, 1938: 90-91 [redescription, illustr.].

Leptocera (Stenhammaria) fenestralis. - Duda, 1925: 73 [generic combination].

Leptocera (Pteremis) fenestralis. - Richards, 1930: 845 [subgeneric combination]; Papp, 1973c: 66 [key, illustr.]; Okely, 1974: 49 [puparium, illustr.].

Pteremis fenestralis. - Hackman, 1963b: 59 [generic combination]; Papp, 1984: 87 [Palaeartic catalog]; Pitkin, 1988: 39, 103, 111, 123, 135, 149, 167 [key, genitalia, illustr.].

Borborus nivalis Haliday, 1833: 178 [both sexes ?]. Type locality: Ireland, Downshire, Hollywood. STs (not found in NMID, cf. Collin, 1914: 242, probably lost). - Collin, 1956: 178 [synonymy].

Limosina nivalis. - Haliday, 1836: 330 [generic combination].

Pteremis nivalis. - Rondani, 1856: 124 [generic combination].

Limosina (Pteremis) nivalis. - Duda, 1918: 90-92 [subgeneric combination, redescription]; Duda, 1938: 89-90 [redescription, illustr.].

Leptocera (Pteremis) nivalis. - Duda, 1925: 73 [generic combination].

Stenhammaria nivalis. - Collin, 1956: 178 [generic combination].

Limosina erratica Haliday, 1836: 330 [both sexes ?]. Type locality: not given. STs (not found in NMID cf. Collin, 1914: 244, probably lost). - Collin, 1914: 244 [synonymy].

Limosina paradoxa Stenhammar, 1855: 399 [female]. Type locality: Sweden, "Ostrogothia paroecia Wärna". HT female (not located in UZIU, cf. Kim, 1972a: 205-207, probably lost). - Duda, 1918: 90 [synonymy].

Pteremis subapterus Frey, 1947: 68 [both sexes, illustr., incorrect name termination]. Type localities: Finland, Om. Brahestad and Ok. Kajana and Suomussalmi. STs, both sexes (MZHF). - Hackman, 1964: 75, 84 [synonymy].

Pteremis subapterus Frey, 1941: 26 [nomen nudum].

Pteremis kaszabi (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Leptocera (Pteremis) kaszabi Papp, 1973a: 415 [male]. Type locality: Mongolia, Central aimak, Bogdo ul, Bugijn až achuj [1,650 m]. HT male (HNHM).

Pteremis kaszabi. - Papp, 1984: 88 [generic combination, Palaeartic catalog].

Pteremis mongolica (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Leptocera (Pteremis) fenestralis spp. *mongolica* Papp, 1973a: 414 [female]. Type locality: Mongolia, Bulgan aimak, between Somon Chischig-Öndör and Somon Orchon, 23 km NNE from Chischig-Öndör [1,390 m]. HT female (HNHM).

Pteremis mongolica. - Papp, 1984: 88 [generic combination, species status, Palaeartic catalog].

Pteremis unica (Spuler, 1924) **comb.n. Distr.:** Nearctic: USA (WY).

Leptocera (Pteremis) unica Spuler, 1924a: 134 [female]. Type locality: USA, Wyoming, Yellowstone National Park. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog]; Marshall, 1984: 397 [taxonomic notes].

Note: Generic placement uncertain.

Pteremis wirthi (Marshall, 1984) **comb.n. Distr.:** Nearctic: Canada (AB, NT, ON, QC, SK).

Leptocera (Pteremis) wirthi Marshall, 1984: 397 [both sexes, illustr.]. Type locality: Canada, Quebec, Mt. Albert, Gaspé Provincial Park. HT male (CNCI).

Genus *Pterogramma* Spuler, 1923

Pterogramma Spuler, 1924d: 376 (neuter) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Limosina sublugubrina* Malloch, 1912, original designation. - Spuler, 1925a: 100-103 [as subgenus of *Leptocera*; repeated description, review of species, key, illustr.]; Duda, 1938: 24 [as subgenus of *Limosina* Macquart, 1835; diagnosis in key]; Richards, 1965c: 723 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 12 [as subgenus of *Leptocera*; Neotropical catalog]; Hackman, 1969a: 203, 208 [as genus; phylogenetic notes, biogeography]; Richards, 1973: 365-369 [as subgenus of *Leptocera*; diagnosis, review of Australasian species, key, illustr.]; Marshall & Richards, 1987: 1000 [as genus; diagnosis in key, illustr.]; Marshall, 1989b: 606 [as genus, Australasian/Oceanian catalog].

Mallochella Duda, 1925: 75, 103 (feminine) [as subgenus of *Leptocera*]. Type species: *Limosina sublugubrina* Malloch, 1912, subsequent designation by Richards, 1930: 268. - Duda, 1925: 103-119 [key, review of species]; Richards, 1930: 268 [synonymy].

Mallochella Duda, 1920: 435 [nomen nudum].

Note: None of the Pacific species included here belong in *Pterogramma*, and a new genus is being described for these species (Marshall & Smith, in manuscript). The Pacific species *P. insulare*, *deemingi*, *conicum*, *brevivenosum*, *annectens*, and *aestivale* are retained here on an interim basis only. Similarly, the Neotropical species *P. robustum* and *P. ovipennis* do not belong in *Pterogramma*, and a new genus has been described in manuscript to include these two species and several new species (Marshall, Cui & Smith, unpublished). These species are retained in *Pterogramma* here on an interim basis. A reclassification and partial revision of the Neotropical *Pterogramma* is in manuscript (Smith & Marshall) and should be published soon. There is an immense number of undescribed Neotropical *Pterogramma* species.

Pterogramma aestivale (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia (NSW).

Leptocera (Pterogramma) aestivalis Richards, 1973: 368 [male, illustr.]. Type locality: Australia, New South Wales, Otford. HT male (ANIC).

Pterogramma aestivale. - Marshall, 1989b: 606 [generic combination, Australasian/Oceanian catalog].

Pterogramma annectens (Richards, 1964). **Distr.:** Australasian/Oceanian: Indonesia (Biak Is.), Papua New Guinea, Solomon Is. (Russell Is).

Leptocera (Pterogramma) annectens Richards, 1964a: 609 [both sexes, illustr.]. Type locality: Indonesia, Biak Island. HT male (CASC).

Pterogramma annectens. - Marshall, 1989b: 606 [generic combination, Australasian/Oceanian catalog].

Pterogramma brevivenosum (Tenorio, 1967). **Distr.:** Australasian/Oceanian: French Polynesia (Marquesas, Tahiti, Tubuai Is.), Hawaii (USA), Samoa, Tonga.

Leptocera (Limosina) brevivenosa Tenorio, 1967: 425 [both sexes, illustr.]. Type locality: Hawaii, Oahu. HT male (BPBM).

Pterogramma brevivenosum. - Marshall, 1989b: 606 [generic combination, Australasian/Oceanian catalog].

Pterogramma cardisomi Norrbom & Kim in Norrbom, Kim & Fee, 1984. **Distr.:** Neotropical: Costa Rica.

Pterogramma cardisomi Norrbom & Kim in Norrbom, Kim & Fee, 1984: 285 [both sexes, preimaginal stages, biology & behaviour, illustr.]. Type locality: Costa Rica, Cocos Island, Bahía Yglesias, 5°32'57"N, 86°59'17"W. HT male (USNM).

Pterogramma conicum (Richards, 1946). **Distr.:** Australasian/Oceanian: Caroline, Guam (USA), Micronesia (Ponape), Palau (USA), Papua New Guinea.

Leptocera (Poecilosomella) conica Richards, 1946: 130 [male]: Type locality: Guam, Pago. HT male (USNM).

Leptocera (Pterogramma) conica. - Richards, 1963a: 121-122 [subgeneric combination, taxonomic notes, illustr.].

Pterogramma conicum. - Marshall, 1989b: 606 [generic combination, Australasian/Oceanian catalog].

Pterogramma deemingi (Richards, 1973). **Distr.:** Australasian/Oceanian: Papua New Guinea.

Leptocera (Pterogramma) deemingi Richards, 1973: 367 [both sexes, illustr.]. Type locality: Papua New Guinea, Mafulu [4,000 ft]. HT male (BMNH).

Pterogramma deemingi. - Marshall, 1989: 606 [generic combination, Australasian/Oceanian catalog].

Pterogramma inconspicuum (Malloch, 1914) **comb.n.** **Distr.:** Neotropical: Brazil, Costa Rica, Ecuador, Venezuela.

Leptocera (Limosina) inconspicua Malloch, 1914a: 16 [female]. Type locality: Costa Rica, Cartago. HT female (ANSP).

Leptocera (Scotophilella) inconspicua. - Spuler, 1925c: 82 [subgeneric combination].

Leptocera (Mallochella) inconspicua. - Duda, 1925: 116 [subgeneric combination].

Leptocera (Pterogramma) inconspicua. - Richards, 1967b: 12 [subgeneric combination, Neotropical catalog].

Leptocera (Pterogramma) orthoneura Spuler, 1925a: 102. Type locality: Costa Rica, La Suiza de Turrialba. HT male (USNM). - Richards, 1967b: 12 [Neotropical catalog]. - **syn.n.** (see p. 23).

Pterogramma insulare Papp, 1972. **Distr.:** Australasian/Oceanian: Papua New Guinea.

Pterogramma insularis Papp, 1972c: 101 [female]. Type locality: Papua New Guinea, Lae, along Lae-Bululo road, beyond bridge of Markham River. HT female (HNHM).

Pterogramma insulare. - Marshall, 1989b: 506 [mandatory change, Australasian/Oceanian catalog].

Pterogramma luxor (Spuler, 1925) **comb.n.** **Distr.:** Neotropical: Costa Rica.

Leptocera (Pterogramma) luxor Spuler 1925a: 101 [female, illustr.]. Type locality: Costa Rica, La Suiza de Turrialba. HT female (USNM). - Richards, 1967b: 12 [Neotropical catalog].

Pterogramma madare (Spuler, 1925) **comb.n.** **Distr.:** Neotropical: Costa Rica.

Leptocera (Pterogramma) madaris Spuler, 1925a: 102 [female]. Type locality: Costa Rica, La Suiza de Turrialba. HT female (USNM). - Richards, 1967b: 12 [Neotropical catalog].

Pterogramma meridionale (Malloch, 1914) **comb.n.** **Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) meridionalis Malloch, 1914a: 13 [male, illustr.]. Type locality: Costa Rica, Alajuela [3,100 ft]. HT male (ANSP).

Leptocera (Pterogramma) meridionalis. - Spuler 1925a: 102 [subgeneric combination]; Richards, 1967b: 12 [Neotropical catalog].

Leptocera (Mallochella) meridionalis. - Duda, 1925: 107 [subgeneric combination].

Pterogramma monticola (Malloch, 1914) **comb.n. Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) monticola Malloch, 1914a: 14 [male, illustr.]. Type locality: Costa Rica, Juan Viñas [2,300 ft]. HT male (ANSP).

Leptocera (Pterogramma) monticola. - Spuler, 1925a: 101 [subgeneric combination]; Richards, 1967b: 12 [Neotropical catalog].

Leptocera (Mallochella) monticola. - Duda, 1925: 114 [subgeneric combination].

Pterogramma ovipenne (Duda, 1925) **comb.n. Distr.:** Neotropical: Paraguay, Costa Rica.

Leptocera (Mallochella) ovipennis Duda, 1925: 115 [both sexes, illustr.]. Type localities: Paraguay, San Bernardino; Costa Rica, La Suiza de Turrialba. STs (NHMW, HHNM).

Leptocera (Pterogramma) ovipennis. - Richards, 1967b: 12 [Neotropical catalog].

Pterogramma palliceus (C. W. Johnson, 1915). **Distr.:** Nearctic: Canada (ON), USA (AR, FL, GA, IN, LA, MD, MS, NC, NJ, NY, PA, SC, TN, TX, VA).

Leptocera palliceus C. W. Johnson, 1915: 22 [female]. Type locality: USA, New Jersey, Camden Co., Clementon. HT female (MCZC).

Leptocera (Scotophilella) palliceus. - Spuler, 1925c: 82 [subgeneric combination].

Leptocera (Pterogramma) palliceus. - Richards, 1964a: 613 [subgeneric combination, redescription]; Richards, 1965c: 723 [Nearctic catalog].

Pterogramma palliceus. - Marshall & Richards, 1987: 996 [generic combination].

Leptocera intrudens Malloch, 1922: 87 [male]. Type locality: USA, Maryland, Prince Georges Co., Beltsville. HT male (USNM). - **syn.n.** (see p. 23).

Leptocera (Pteremis) intrudens. - Richards, 1965c: 723 [subgeneric combination; Nearctic catalog].

Leptocera (Pteremis) flavifrons Spuler, 1924a: 133 [female, illustr.]. Type locality: USA Virginia, Arlington Co., Falls Church. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog]. - **syn.n.** (see p. 23).

Pterogramma flavifrons. - Marshall, 1984: 396 [generic combination].

Pterogramma parameridionale (Duda, 1925) **comb.n. Distr.:** Neotropical: Brazil.

Leptocera (Mallochella) parameridionalis Duda, 1925: 108 [female]. Type locality: Brazil, Santa Catarina. HT female (not located in ZMPA, possibly ZMHB ?).

Leptocera (Pterogramma) parameridionalis. - Richards, 1967b: 12 [subgeneric combination, Neotropical catalog].

Pterogramma poeciloptera (Malloch, 1914) **comb.n. Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) poeciloptera Malloch, 1914a: 11 [male, illustr.]. Type locality: Costa Rica, Cartago, Juan Viñas [2,500 ft]. HT male (ANSP).

Leptocera (Pterogramma) poeciloptera. - Spuler, 1925a: 101 [subgeneric combination]; Richards, 1967b: 13 [Neotropical catalog].

Leptocera (Mallochella) poeciloptera. - Duda, 1925: 108 [subgeneric combination].

Pterogramma robustum (Spuler, 1925) **comb.n. Distr.:** Nearctic: all Nearctic records are misidentifications; Neotropical: Belize, Costa Rica, Guatemala, Mexico (GUE, CHI, CHU, JAL, OXA, PUE, TAB, VRC, YUC).

Leptocera (Scotophilella) robusta Spuler, 1925c: 81 [female, illustr.]. Type locality: Costa Rica, Cartago, La Suiza de Turrialba. HT female (USNM).

Leptocera (Pterogramma) robusta. - Deeming, 1980: 499 [subgeneric combination].

Pterogramma rutilans (Duda, 1925) **comb.n. Distr.:** Neotropical: Argentina, Brazil, Paraguay, Peru, Trinidad.

Leptocera (Mallochella) rutilans Duda, 1925: 106 [male]. Type locality: Paraguay, Asunción. HT male (HNHM).

Pterogramma simplicicrus (Duda, 1925) **comb.n. Distr.:** Neotropical: Paraguay.

Leptocera (Mallochella) simplicicrus Duda, 1925: 112 [female]. Type locality: Paraguay, San Bernardino. HT female (NHMW; lost).

Leptocera (Pterogramma) simplicicrus. - Richards, 1967b: 13 [subgeneric combination, Neotropical catalog].

Pterogramma sublugubrinum (Malloch, 1912) **comb.n. Distr.:** Neotropical: Grenada, St. Vincent.

Limosina sublugubrina Malloch, 1912: 8 [nom.n. for *Limosina lugubris* Williston, 1896]. Type locality: West Indies, St. Vincent, St. George Parish, St. Andrews Botanical Garden, Kingstown.

Leptocera (Pterogramma) sublugubrina. - Spuler, 1924d: 376 [subgeneric combination]; Richards, 1964a: 611-613 [taxonomic & nomenclatural notes]; Richards, 1967b: 13 [Neotropical catalog].

Leptocera (Leptocera) sublugubrina. - Richards, 1961b: 563 [a mistake based on false type specimens of *Limosina lugubris* Williston, 1896].

Limosina lugubris Williston, 1896a: 433 [a primary junior homonym of *Limosina lugubris* Haliday, 1836 = *Chaetopodella scutellaris* (Haliday, 1836); sex not given, illustr.]. Type locality: West Indies, St. Vincent, St. George Parish, St. Andrews Botanical Garden, Kingstown. NT male, designated by Smith & Marshall, in prep. (USNM). - Malloch, 1912: 8 [homonymy].

Leptocera (Mallochella) lugubris. - Duda, 1925: 115 [subgeneric combination].

Pterogramma substitutum (Richards, 1961) **comb.n. Distr.:** Neotropical: Dominican Republic, Jamaica, Puerto Rico, St. Kitts, Virgin Is.

Leptocera (Pterogramma) substituta Richards, 1961b: 563 [both sexes]. Type locality: Puerto Rico, Utado. LT male, designated by Richards, 1964a: 612-613 (USNM). - Richards, 1964a: 612-613 [male, full description]; Richards, 1967b: 13 [Neotropical catalog].

Limosina lugubrina Malloch, 1913a: 369 [primary junior homonym of *Limosina lugubrina* Zetterstedt, 1847 = *Rachispoda lugubrina* (Zetterstedt, 1847); male]. Type locality: Puerto Rico, Aguadilla. HT male (USNM). - Richards, 1964a: 612 [synonymy, homonymy].

Leptocera (Pterogramma) lugubrina. - Spuler, 1925a: 103 [subgeneric combination].

Leptocera (Mallochella) lugubrina. - Duda, 1925: 114 [subgeneric combination].

Leptocera (Pterogramma) sublugubrina. - Spuler, 1925a: 101, 103 (partim) [key, misidentification].

Leptocera (Pterogramma) sylvicola Richards, 1966c: 121 [unnecessary nom.n. for *Limosina lugubrina* Malloch, 1913, cf. Richards, 1964a: 612]. Type locality: Puerto Rico, Aguadilla. - Richards, 1967b: 13 [Neotropical catalog]. **Note:** *L. (P.) sylvicola* is an objective synonym of *L. lugubrina* Malloch, 1913.

Pterogramma substriatum (Duda, 1925) **comb.n. Distr.:** Neotropical: Costa Rica.

Leptocera (Mallochella) substriata Duda, 1925: 109 [male]. Type locality: Costa Rica, La Suiza de Turrialba. HT male (HNHM).

Leptocera (Pterogramma) substriata. - Richards 1967b: 13 [subgeneric combination, Neotropical catalog].

Pterogramma vittatum (Malloch, 1914) **comb.n. Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) vittata Malloch, 1914a: 12 [male, illustr.]. Type locality: Costa Rica, Cartago, Juan Viñas. HT male (ANSP).

Leptocera (Pterogramma) vittata. - Spuler, 1925a: 101 [subgeneric combination, key]; Richards, 1967b: 13 [Neotropical catalog].

Leptocera (Mallochella) vittata. - Duda, 1925: 111 [subgeneric combination, key].

Genus *Pterogrammoides* Papp, 1972

Pterogrammoides Papp, 1972c: 103 (masculine). Type species: *Pterogrammoides baloghi* Papp, 1972, original designation. - Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Papp, 1989b: 328-338 [redescription, revision of species, key, illustr.].

Pterogrammoides baloghi Papp, 1972. **Distr.:** Australasian/Oceanian: Papua New Guinea.

Pterogrammoides baloghi Papp, 1972c: 105 [both sexes, illustr.]. Type locality: Papua New Guinea, Wau, near Field Station. HT male (incorrectly reported as female, HNHM). - Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Papp, 1989b: 329-330 [additions to description, genitalia, illustr.].

Pterogrammoides indicus Papp, 1989. **Distr.:** Oriental: India (Meghalaya, West Bengal).

Pterogrammoides indica Papp, 1989b: 330 [incorrect name termination; male, illustr.]. Type locality: India, Meghalaya, Garo Hills, Rongrengiri [400 m]. HT male (MHNG).

Pterogrammoides longipennis Papp, 1972. **Distr.:** Australasian/Oceanian: Papua New Guinea (incl. New Britain).

Pterogrammoides longipennis Papp, 1972c: 108 [male]. Type locality: Papua New Guinea, Baier River. HT male (HNHM). - Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Papp, 1989b: 333-335 [additions to description, male genitalia, illustr.].

Pterogrammoides poecilosomus Papp, 1972. **Distr.:** Australasian/Oceanian: Papua New Guinea.

Pterogrammoides poecilosomus Papp, 1972c: 107 [female]. Type locality: Papua New Guinea, Mount Kumbak-ut. HT female (HNHM). - Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Papp, 1989b: 334-336 [female terminalia, illustr.].

Pterogrammoides thaii Papp, 1989. **Distr.:** Oriental: Thailand.

Pterogrammoides thaii Papp, 1989b: 336 [male, illustr.]. Type locality: Thailand, Province de Chanthaburi, Khao Sabap National Park, environs de Phlin Waterfalls.

Genus *Pullimosina* Roháček, 1983

Pullimosina Roháček, 1983e: 98 (feminine). Type species: *Limosina heteroneura* Haliday, 1836, original designation. - Roháček, 1983e: 98-110 [diagnosis, revision of West Palaearctic species, key, phylogenetic notes]; Roháček, 1985a: 109, 112-126 [illustr.]; Marshall, 1986: 522-536 [diagnosis, revision of Nearctic species, key, phylogeny, illustr.]; Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Roháček, 1998a: 488 [diagnosis in key, illustr.].

Pullimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Dahlimosina: see below as subgenus.

Subgenus *Dahlimosina* Roháček, 1983

Dahlimosina Roháček, 1983e: 100 (feminine) [as subgenus of *Pullimosina* Roháček, 1983].

Type species: *Limosina (Scotophilella) Dahli* Duda, 1918, original designation. - Roháček, 1983e: 100-102 [diagnosis, revision of West Palaearctic species, phylogenetic notes]; Roháček, 1985a: 109, 112-113 [illustr.]; Marshall, 1986: 525 [diagnosis, revision of Nearctic species, illustr.]; Marshall & Richards, 1987: 1002 [diagnosis in key]; Marshall, 1993: 411-412 [phylogenetic notes]; Roháček, 1998a: 488 [as subgenus of *Pullimosina*; diagnosis in key, illustr.].

Dahlimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Pullimosina (D.) bladesi Marshall, 1993. **Distr.:** Nearctic: Canada (AB, ON).

Pullimosina (Dahlimosina) bladesi Marshall, 1993: 409 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Crieff Bog, 3 km W Puslinch. HT male (CNCI).

Pullimosina (D.) dahli (Duda, 1918). **Distr.:** Nearctic: Canada (NS, ON); Palaearctic: Czech Republic, Finland, Germany, Great Britain, Latvia, Norway, Poland, Russia (NET), Sweden.

Limosina (Scotophilella) Dahli Duda, 1918: 125 [sex unknown, illustr.]. Type locality: Germany, Plagefenn Hochmoor. HT, sex unknown (ZMHB, probably lost - Roháček, 1983e: 101).

Leptocera (Scotophilella) Dahli. - Duda, 1925: 157 [generic combination].

Limosina (Limosina) Dahli. - Duda, 1938: 118 [subgeneric combination, redescription, illustr.].

Pullimosina (Dahlimosina) dahli. - Roháček, 1983e: 101-102 [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1985a: 109, 112-113 [illustr.]; Marshall, 1986: 525 [diagnosis, illustr.].

Limosina dahli. - Papp, 1984: 97 [Palaearctic catalog].

Pullimosina (D.) darwini (Richards, 1931). **Distr.:** Neotropical: Argentina, Chile, Juan Fernández Is. (Chile).

Leptocera (Limosina) darwini Richards, 1931: 80 [male]. Type locality: Argentina, Rio Negro, Bariloche. HT male (BMNH). - Richards, 1967b: 14 [Neotropical catalog].

Pullimosina (Dahlimosina) darwini. - Marshall, 1997c: 168 [generic combination].

Gyretria crassicosta Enderlein, 1938: 654 [male, illustr.]. Type locality: Chile, Juan Fernández Is., Masafuera I. HT male (NHRS). - Richards, 1967b: 14 [synonymy].

Note: *P. darwini* possibly is synonymous with *P. paramoesta* (Duda, 1925).

Pullimosina (D.) hirsutiphallus Marshall, 1986. **Distr.:** Nearctic: Canada (NS, ON).

Pullimosina (Dahlimosina) hirsutiphallus Marshall, 1986: 525 [both sexes, illustr.]. Type locality: Canada, Ontario, Guelph. HT male (CNCI).

Pullimosina (D.) karelica (Papp, 1979). **Distr.:** Palaearctic: Russia (NET).

Limosina karelica Papp, 1979d: 190 [female]. Type locality: Russia, Karelia, Petrozavodsk. HT female (ZISP). - Papp, 1984: 99 [Palaearctic catalog].

Pullimosina (Dahlimosina) karelica. - Roháček, 1983e: 101 [generic combination].

Note: The species is probably synonymous with *P. dahli* (Duda, 1918).

Pullimosina (D.) paramoesta (Duda, 1925). **Distr.:** Neotropical: Argentina, Bolivia, Peru.

Leptocera (Scotophilella) paramoesta Duda, 1925: 194 [female, illustr.]. Type localities: Bolivia, Mapiiri, Sarampioni [700 m]; Peru, Pichis road. STs females (SMTD).

Leptocera (Limosina) paramoesta. - Richards, 1967b: 15 [subgeneric combination, Neotropical catalog].

Pullimosina (Pullimosina) paramoesta. - Roháček, 1983e: 99 [generic combination].

Leptocera (Scotophilella) analis Duda, 1929: 36 [male, illustr.]. Type locality: Argentina, Aguarai N. HT male (SMNS). - Duda, 1929: 36 [plausible synonym of *L. paramoesta*]; Richards, 1967b: 15 [probable synonym]. **Note:** Synonymy of the above species with *P. paramoesta* needs to be confirmed.

Pullimosina (D.) yukonensis Marshall, 1986. **Distr.:** Nearctic: Canada (YT).

Pullimosina (Dahlimosina) yukonensis Marshall, 1986: 525 [both sexes, illustr.]. Type locality: Canada, Yukon, km 155, Dempster Hwy. HT male (CNCI).

Subgenus *Pullimosina* Roháček, 1983

Pullimosina Roháček, 1983e: 98 (see above under the genus). - Roháček, 1983e: 102-110 [as subgenus of *Pullimosina* Roháček, 1983; diagnosis, revision of West Palearctic species, phylogenetic notes]; Roháček, 1985a: 114-126 [illustr.]; Marshall, 1986: 526-536 [diagnosis, revision of Nearctic species, illustr.]; Marshall & Richards, 1987: 1003 [diagnosis in key]; Roháček, 1998a: 489 [as subgenus; diagnosis in key, illustr.].

Pullimosina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Pullimosina (P.) costata (Richards, 1968). **Distr.:** Afrotropical: South Africa.

Leptocera (Limosina) costata Richards, 1968c: 98 [female, illustr.]. Type locality: South Africa, Transvaal, Pietersburg district, forest of Woodbush. HT male (NMSA). - Richards, 1980: 620 [Afrotropical catalog].

Pullimosina (Pullimosina) costata. - Roháček, 1983e: 99 [generic combination].

Pullimosina (P.) geminata Marshall, 1986. **Distr.:** Nearctic: Canada (ON).

Pullimosina (Pullimosina) geminata Marshall, 1986: 526 [male, illustr.]. Type locality: Canada, Ontario, Algonquin Park, 0.5 km S Billy Lake. HT male (CNCI).

Pullimosina (P.) heteroneura (Haliday, 1836). **Distr.:** Afrotropical: Cape Verde Is., Uganda, South Africa; Australasian/Oceanian: Australia (ACT, NSW, QLD, VIC), Hawaii (USA), New Zealand; Nearctic: Canada (AB, BC, MB, NB, ON, QC), USA (AZ, CA, IL, MA, MD, NC, NJ, NM, NY, OR, TX, UT, WY); Neotropical: Argentina, Bermuda, Ecuador, Mexico (BCN); Oriental: Taiwan; Palearctic: Afghanistan, Algeria, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Greece (incl. Crete), Hungary, Iceland, Israel, Italy (incl. Pantelleria I., Sardinia, Sicily), Japan, Latvia, Macedonia, Madeira (Portugal), Malta, Netherlands, Norway, Poland, Portugal, Roumania, Russia (CET, FE, NET), Slovakia, Slovenia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan, Tunisia; South Atlantic: Gough I.

Limosina heteroneura Haliday, 1836: 331 [both sexes]. Type locality: "Holywood". LT male, designated by Roháček, 1978c: 103 (NMID). - Hackman, 1977: 403 [Oriental catalog]; Roháček, 1978c: 128-131 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 99 [Palearctic catalog].

- Limosina (Scotophilella) heteroneura*. - Duda, 1918: 188 [subgeneric combination, redescription, illustr.].
- Leptocera (Scotophilella) heteroneura*. - Duda, 1925: 164 [generic combination].
- Leptocera (Limosina) heteroneura*. - Richards, 1930: 298 [subgeneric combination]; Richards, 1965c: 724 [Nearctic catalog]; Richards, 1973: 371-372 [diagnosis]; Richards, 1980: 620 [Afrotropical catalog].
- Leptocera heteroneura*. - Goddard, 1938: 242-243 [egg, cephalopharyngeal skeleton, puparium, illustr.].
- Limosina (Limosina) heteroneura*. - Duda, 1938: 126 [redescription, illustr.].
- Pullimosina (Pullimosina) heteroneura*. - Roháček, 1983e: 103-195 [generic combination, redescription, phylogenetic notes, illustr.]; Roháček, 1985a: 114-116 [illustr.]; Marshall, 1986: 526-528 [diagnosis, illustr.]; Marshall, 1989b: 606 [Australasian/Oceanian catalog].
- Pullimosina heteroneura*. - Skidmore, 1993: 8, 17 [puparium, illustr.].
- Limosina Jeanneli* Bezzi, 1911: 69 [both sexes, illustr.]. Type localities: Algeria, "Rhar Ifri, au Djebel Bou Zegza" and "Grotte du Lac souterrain à Hammam Meskoutine". STs (location unknown, probably lost - Roháček 1983e: 103). - Villeneuve, 1914a: 207 [synonymy].
- Leptocera (Scotophilella) jeanneli*. - Duda, 1925: 189 [misspelling, generic combination].
- Limosina (Limosina) heteroneura* var. *Jeanneli*. - Duda, 1938: 130 [misspelling, change of status].
- Limosina (Limosina) heteroneura* var. *Jeanneli*. - Vanschuytbroeck, 1942: 6 [misspelling].
- Leptocera (Scotophilella) rara* Spuler, 1925c: 155 [male, illustr.]. Type locality: USA, California, Alameda Co, Berkely Hills. HT male (USNM). - Marshall, 1986: 526 [synonymy].
- Leptocera (Limosina) rara*. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].
- Pullimosina (Pullimosina) rara*. - Roháček, 1983e: 99 [generic combination].
- Leptocera (Limosina) opaca* Aldrich, 1932: 6 [a primary junior homonym of *Leptocera (Scotophilella) opaca* Duda, 1925; both sexes]. Type locality: USA, Colorado, Ft. Collins. HT male (USNM). - Richards, 1961b: 564 [homonymy]; Marshall, 1986: 526 [synonymy].
- Leptocera (Limosina) opacella* Richards, 1961b: 564 [nom.n. for *Leptocera (Limosina) opaca* Aldrich, 1932]. - Richards, 1965c: 724 [Nearctic catalog]; Marshall, 1986: 526 [synonymy].
- Limosina fuscilabris* Stenhammar, 1855: 410 [nomen nudum].
- Pullimosina (P.) heteroneuroidea*** (Duda, 1925). **Distr.:** Afrotropical: Ethiopia, Zaire.
- Leptocera (Scotophilella) heteroneuroidea* Duda, 1925: 192 [both sexes, illustr.]. Type locality: Ethiopia, Marako. STs (HNHM).
- Leptocera (Limosina) heteroneuroidea*. - Richards, 1959: 183-184 [subgeneric combination, taxonomic notes].
- Pullimosina (Pullimosina) heteroneuroidea*. - Roháček, 1983e: 99 [generic combination].
- Leptocera (Limosina) heteroneuroides*. - Richards, 1980: 620 [misspelling; Afrotropical catalog].
- Pullimosina (P.) latipes*** (Duda, 1925). **Distr.:** Oriental: Singapore.
- Leptocera (Scotophilella) latipes* Duda, 1925: 190 [both sexes]. Type locality: Singapore. STs (HNHM).
- Limosina latipes*. - Hackman, 1977: 403 [generic combination, Oriental catalog].
- Pullimosina (Pullimosina) latipes*. - Roháček, 1983e: 99 [generic combination].

Note: generic placement uncertain (to be confirmed by the study of the male and female genitalia).

Pullimosina (P.) longicornuta (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina longicornuta Papp, 1973a: 397 [both sexes]. Type locality: Mongolia, Bulgan aimak, between Somon Chischig-Öndör and Somon Orchon, 23 km NNE from Somon Chischig-Öndör [1,390 m]. HT male (HNHM). - Papp, 1984: 99 [Palaearctic catalog].

?*Pullimosina longicornuta*. - Roháček, 1983e: 99 [generic combination].

Pullimosina (P.) longicosta (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC, SK), USA (CA, CO, IL, BC, NC, NY, OH, PA, TN, VT, WA).

Leptocera (Scotophilella) longicosta Spuler, 1925c: 155 [both sexes, illustr.]. Type locality: USA, Washington, Valleyford. HT male (USNM).

Leptocera (Limosina) longicosta. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Pullimosina (Pullimosina) longicosta. - Roháček, 1983e: 99 [generic combination]; Marshall, 1986: 528 [redescription, both sexes, illustr.].

Leptocera (Limosina) nidicola Richards, 1964b: 147 [both sexes, illustr.]. Type locality: USA, Illinois, Kankakee Co., between Hopkins Park and St. Anne. HT male (FMNH). - Marshall, 1986: 528 [synonymy].

Pullimosina (Pullimosina) nidicola. - Roháček, 1983e: 99 [generic combination].

Pullimosina (P.) mcalpinei Marshall, 1986. **Distr.:** Neotropical: Mexico (MEX).

Pullimosina (Pullimosina) mcalpinei Marshall, 1986: 528 [both sexes, illustr.]. Type locality: Mexico, Toluca, "Nevade de Toluca" (= Nevado de Toluca). HT male (CNCI).

Pullimosina (P.) mejerei (Duda, 1918). **Distr.:** Palaearctic: Austria, Czech Republic, Denmark, France, Germany, Great Britain, Hungary, Italy, Netherlands, Poland, Slovakia, Norway (Svalbard Is.), Sweden, Switzerland.

Limosina (Scotophilella) Mejerei Duda, 1918: 235 [female]. Type locality: The Netherlands, Holland, "v. Hage". HT female (ZMHB).

Leptocera (Scotophilella) Mejerei. - Duda, 1925: 561 [generic combination].

Leptocera (Limosina) mejerei. - Richards, 1930: 299 [subgeneric combination].

Limosina (Limosina) mejerei. - Duda, 1938: 132 [redescription].

Limosina mejerei. - Roháček, 1978c: 143-147 [redescription, both sexes, phylogenetic notes, illustr.]; Papp, 1984: 100 [Palaearctic catalog].

Pullimosina (Pullimosina) mejerei. - Roháček, 1983e: 109-110 [redescription, phylogenetic notes]; Roháček, 1985a: 114, 122, 125-126 [illustr.].

Limosina (Limosina) meyeri. - de Meijere, 1939: 164 [misspelling].

Pullimosina (P.) meruina (Richards, 1965) **comb.n.** **Distr.:** Afrotropical: Tanzania.

Leptocera (Limosina) meruina Richards, 1965a: 446 [both sexes, illustr.]. Type locality: Tanzania, Mt. Meru, Olkokola, northwest slope [2,600 m]. HT male (MRAC). - Richards, 1980: 620 [Afrotropical catalog].

Pullimosina (P.) moesta (Villeneuve, 1918). **Distr.:** Nearctic: All Nearctic records are doubtful; Palaearctic: Belgium, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Poland, Russia (CET, NET), Slovakia, Sweden, Spain.

Limosina (Leptocera) moesta Villeneuve, 1918a: 337 [both sexes]. Type locality: Austria: "Dornbach". LT female, designated by Roháček, 2001: 474 (MNHN).

Pullimosina (Pullimosina) moesta. - Roháček, 2001: 474 [taxonomic notes].

Limosina (Scotophilella) antennata Duda, 1918: 170 [both sexes, illustr.]. Type locality: Germany, Westfalen, Herten. LT male, designated by Roháček, 1978c: 135 (ZMHB). - Roháček, 2001: 474 [synonymy].

Limosina antennata. - Roháček, 1978c: 131-135 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 95 [Palaeartic catalog].

Pullimosina (P.) antennata. - Roháček, 1983e: 105-106 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 117-119 [illustr.]; Marshall, 1986: 526 [diagnosis, illustr.].

Pullimosina (P.) propecaeca (Richards, 1966) **comb.n. Distr.:** Afrotropical: Zaire.

Leptocera (Limosina) propecaeca Richards, 1966a: 243 [male, illustr.]. Type locality: Zaire, district du Kivu, territoire Lubero, bassin du Nil, Source Talia-N [2,500 m]. HT male (MRAC). - Richards, 1980: 620 [Afrotropical catalog].

Pullimosina (P.) pullula (Zetterstedt, 1847). **Distr.:** Afrotropical: all records are doubtful; Australasian/Oceanian: Hawaii (USA), New Zealand; Nearctic: Canada (AB, BC, NB, NS, ON, QC, SK), USA (IL, MA, MI, MN, NC, NH, NY); Palaeartic: Austria, Belgium, Czech Republic, Estonia, Finland, France, Germany, Great Britain, Hungary, Italy, Latvia, Netherlands, Norway, Poland, Roumania, Russia (CET, NET, SET, WS), Slovakia, Spain, Sweden, Switzerland.

Limosina pullula Zetterstedt, 1847: 2498 [both sexes]. Type locality: Sweden, Lund, "Paradisl.un." LT male, designated by Roháček, 1978c: 143 (MZLU). - Roháček, 1978c: 139-143 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 102 [Palaeartic catalog].

Limosina (Scotophilella) pullula. - Duda, 1918: 185 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) pullula. - Duda, 1925: 165 [generic combination].

Leptocera (Limosina) pullula. - Richards, 1930: 298 [subgeneric combination]; Okely, 1974: 51 [puparium, illustr.].

Limosina (Limosina) pullula. - Duda, 1938: 141 [redescription, illustr.].

Pullimosina (Pullimosina) pullula. - Roháček, 1982c: 234 [generic combination, puparium, illustr.]; Roháček, 1983e: 107-109 [redescription, phylogenetic notes, illustr.]; Roháček, 1985a: 122-124 [illustr.]; Marshall, 1986: 528-529 [diagnosis, illustr.].

Pullimosina (P.) umphreyi Marshall, 1986. **Distr.:** Nearctic: Canada (ON).

Pullimosina (Pullimosina) umphreyi Marshall, 1986: 529 [both sexes, illustr.]. Type locality: Canada, Ontario, Chaffey's Locks, Queen's University Biological Station. HT male (CNCI).

Pullimosina (P.) vockerothi Marshall, 1986. **Distr.:** Nearctic: Canada (NS, SK), USA (ND).

Pullimosina (Pullimosina) vockerothi Marshall, 1986: 529 [both sexes, illustr.]. Type locality: Canada, Nova Scotia, Cape Breton Highland National Park, North Mountain [400 m]. HT male (CNCI).

Pullimosina (P.) vulgesta Roháček, 2001. **Distr.:** Oriental: ?Nepal; Palaeartic: Andorra, Austria, ?Azores (Portugal), Belgium, ?Canary Is. (Spain), Czech Republic, Denmark, Finland, France (incl. Corsica), Germany, Great Britain, Hungary, Italy, Netherlands, ?North Korea, Norway, Poland, Russia (WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Yugoslavia (Montenegro).

Pullimosina (Pullimosina) vulgesta Roháček, 2001: 474 [proposed for *Pullimosina moesta* auctt. nec *P. moesta* (Villeneuve, 1918)]. Type locality: Czech Republic, Moravia sept., Úvalenské louky reserve (distr. Opava). HT male (SMOC).

- Leptocera (Scotophilella) moesta*. - Duda, 1925: 165 [partim; generic combination].
- Leptocera (Limosina) moesta*. - Richards, 1930: 298 [partim; subgeneric combination]; Okeley, 1974: 50-51 [? partim; puparium, illustr.].
- Limosina (Limosina) moesta*. - Duda, 1938: 133 [partim, generic combination, redescription, illustr.].
- Limosina moesta*. - Roháček, 1978c: 135-139 [misinterpretation; redescription, phylogenetic notes, illustr.]; Papp, 1984: 100 [Palaeartic catalog].
- Pullimosina (Pullimosina) moesta*. - Roháček, 1983e: 106-107 [misinterpretation; redescription, phylogenetic notes]; Roháček, 1985a: 117, 120-121 [illustr.].
- Pullimosina (P.) woodi*** Marshall, 1986. **Distr.:** Nearctic: Canada (BC, NS).
Pullimosina (Pullimosina) woodi Marshall, 1986: 529 [both sexes, illustr.]. Type locality: Canada, Nova Scotia, Cape Breton Highland National Park, North Mountain [400 m]. HT male (CNCI).
- Pullimosina (P.) zayensis*** Marshall, 1986. **Distr.:** Nearctic: USA (AL, FL, GA, TX); Neotropical: Argentina, Bolivia, Brazil, Dominican Republic, Galápagos Is. (Ecuador), Honduras, Jamaica, St. Kitts, Trinidad, Venezuela; Palaeartic: Canary Is. (Spain), Malta, Morocco, Portugal, Spain (incl. Balearic Is.).
Pullimosina (Pullimosina) zayensis Marshall, 1986: 531 [both sexes, illustr.]. Type locality: USA, Florida, Marion Co., Ocala National Forest, Zay Prairie. HT male (CNCI).
- Pullimosina (Pullimosina) microneura* Carles-Tolrá, 1986: 32 [nomen nudum].
- Pullimosina (Pullimosina) pappi* Carles-Tolrá, 1986: 32 [nomen nudum].

Genus *Puncticorpus* Duda, 1918

- Puncticorpus* Duda, 1918: 33 (neuter) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina (Puncticorpus) brevipennis* Duda, 1918, monotypy [= *Puncticorpus cribratum* (Villeneuve, 1918)]. - Duda, 1925: 74 [as subgenus of *Leptocera* Olivier, 1813]; Hackman, 1969a: 204, 208 [as genus; phylogenetic notes, biogeography]; Papp, 1973c: 63 [as genus; diagnosis]; Roháček & Marshall, 1982: 359-381 [as genus; diagnosis, redescription, revision of world species, key, phylogeny, zoogeography, illustr.]; Papp, 1984: 86 [as genus; Palaeartic catalog]; Roháček, 1998a: 483 [as genus; diagnosis in key, illustr.].
- Puncticorpus cribratum*** (Villeneuve, 1918). **Distr.:** Palaeartic: Andorra, Belgium, Czech Republic, Cyprus, Denmark, France, Germany, Great Britain, Greece, Hungary, Israel, Italy (incl. Sicily), Netherlands, Poland, Roumania, Slovakia, Slovenia, Sweden, Switzerland, Turkey.
Limosina (Leptocera) cribrata Villeneuve, 1918a: 336 [both sexes]. Type locality: France, Seine-et-Oise, Forêt de St-Germain. LT male, designated by Roháček, 2001: 475 (MNHN).
- Leptocera (Puncticorpus) cribrata*. - Duda, 1925: 74 [generic combination]; Richards, 1963b: 494 [male genitalia, illustr.].
- Limosina (Puncticorpus) cribratum*. - Duda, 1938: 100 [incorrect name termination, redescription, illustr.].
- Puncticorpus cribratum*. - Papp, 1973c: 64 [generic combination]; Roháček & Marshall, 1982: 365 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 86 [Palaeartic catalog].

Limosina (Puncticorpus) brevipennis Duda, 1918: 93 [female, illustr.]. Type locality: Poland, Lähn. LT female, designated by Roháček & Marshall, 1982: 365 (ZMHB). - Duda, 1925: 74 [synonymy].

Puncticorpus lusitanicum (Richards, 1963). **Distr.:** Palaearctic: France, Italy (Sardinia), Morocco, Portugal, Spain.

Leptocera (Puncticorpus) lusitanica Richards, 1963b: 491 [both sexes, illustr.]. Type locality: Portugal, Algarve, Portimão, Grutas de Mexilhoerinha. HT male (BMNH).

Puncticorpus lusitanicum. - Roháček & Marshall, 1982: 377 [generic combination, redescription, phylogenetic notes, illustr.]; Papp, 1984: 86 [Palaearctic catalog].

Puncticorpus susannae Papp, 1974. **Distr.:** Palaearctic: Hungary.

Puncticorpus susannae Papp, 1974a: 407 [female, illustr.]. Type locality: Hungary, Aranyos-gadány. HT female (HNHM). - Roháček & Marshall, 1982: 373 [redescription, phylogenetic notes, illustr.]; Papp, 1984: 86 [Palaearctic catalog].

Genus *Rachispoda* Lioy, 1864

Rachispoda Lioy, 1864: 1116 (feminine). Type species: *Copromyza limosa* Fallén, 1820, monotypy. - Spuler, 1924d: 375 [as subgenus of *Leptocera* Olivier, 1813]; Richards, 1930: 285 [as subgenus of *Leptocera*]; Richards, 1965c: 721 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 8-10 [as subgenus of *Leptocera*; Neotropical catalog]; Hackman, 1969a: 204, 208 [as subgenus of *Leptocera*; phylogenetic notes, biogeography]; Papp, 1973c: 70 [as subgenus of *Leptocera*; diagnosis, key to Hungarian species]; Hackman, 1977: 402-403 [as subgenus of *Leptocera*; Oriental catalog]; Richards, 1980: 621 [as subgenus of *Leptocera*; Afrotropical catalog]; Papp, 1984: 91 [as subgenus of *Leptocera*; Palaearctic catalog]; Marshall & Richards, 1987: 999 [as subgenus of *Leptocera*; diagnosis in key, illustr.]; Marshall, 1989b: 604 [as subgenus of *Leptocera*; Australasian/Oceanian catalog]; Roháček, 1991b: 114-280 [as subgenus of *Leptocera*; diagnosis, revision of West Palaearctic species, key, phylogeny, illustr.]; Wheeler, 1995: 159-230 [as genus; redescription, key, revision of a part of New World species]; Wheeler & Marshall, 1995: 1209-1307 [as genus; key, revision of a part of New World species]; Roháček, 1998a: 479 [as subgenus of *Leptocera*; diagnosis in key, illustr.].

Collinella Duda, 1918: 13, 27 (feminine) [as subgenus of *Limosina* Macquart; a junior homonym of *Collinella* Martens, 1871 and *Collinella* Schmidt, 1879 (Porifera)]. Type species: *Limosina Halidayi* Collin, 1902 [= *Rachispoda varicornis* (Strobl, 1900)], subsequent designation by Strand, 1928: 49. - Richards, 1930: 266 [homonymy, synonymy].

Colinella. - Duda, 1918: 28 [incorrect original spelling]; Richards, 1930: 268 [misspelling].

Collinellula Strand, 1928: 49 (feminine) [nom.n. for *Collinella* Duda, 1918]. Type species: *Limosina Halidayi* Collin, 1902 [= *Rachispoda varicornis* (Strobl, 1900)], automatic. - Richards, 1930: 269 [synonymy]; Vanschuytbroeck, 1951b: 6 [as genus].

Colluta Strand, 1932: 120 (feminine). Type species: *Limosina Zernyi* Duda, 1924 [= *Rachispoda acrosticalis* (Becker, 1903)], monotypy. - Duda, 1938: 84 [synonymy].

Rachispodina Enderlein, 1936: 173 (female) [as subgenus of *Leptocera* Olivier]. Type species: *Borborus fuscipennis* Haliday, 1833, monotypy. - Papp, 1984: 89 [synonymy].

Rachispoda acrosticalis (Becker, 1903). **Distr.:** Afrotropical: Botswana, Cape Verde Is., Madagascar, South Africa, Sudan, Tanzania, Zaire; Palaearctic: Algeria, Azores (Portugal), Canary Is. (Spain), Egypt, Greece, Israel, Italy (Sicily), Malta,

Spain, Turkey. **Note:** All Afrotropical records need verification; they probably deal with a complex of hitherto unrecognized species.

Limosina acrosticalis Becker, 1903b: 126 [both sexes]. Type locality: Egypt, Kairo. LT male, designated by Roháček, 1991b: 193 (ZMHB).

Leptocera (Collinella) acrosticalis. - Duda, 1925: 19, 46 [generic combination, redescription, key].

Limosina (Collinellula) acrosticalis. - Duda, 1938: 71 [subgeneric combination, redescription].

Leptocera (Rachispoda) acrosticalis. - Richards, 1939: 68 [subgeneric combination]; Richards, 1980: 621 [Afrotropical catalog]; Papp, 1984: 91 [Palearctic catalog].

Collinellula acrosticalis. - Hackman, 1958b: 37 [generic combination].

Limosina (Leptocera) acrostichalis. - Frey, 1936: 108 [misspelling, subgeneric combination].

Collinellula acrostichalis. - Hackman, 1965a: 497 [misspelling].

Leptocera (Rachispoda) acrostichalis. - Hackman, 1967b: 31 [misspelling]; Roháček, 1991b: 192-197 [misspelling, redescription, phylogenetic notes, illustr.].

Rachispoda acrostichalis. - Gatt, 2000: 517 [generic combination, misspelling].

Limosina (Collinella) Zernyi Duda, 1924b: 180 [female]. Type locality: Italy, Sicily, Siracusa. LT female, designated by Roháček 1991b: 193 (NHMW). - Roháček 1991b: 192 [synonymy].

Leptocera (Collinella) Zernyi. - Duda, 1925: 19, 46 [generic combination, key].

Limosina (Collinellula) Zernyi. - Duda, 1938: 84 [subgeneric combination, redescription].

Leptocera (Rachispoda) zernyi. - Papp, 1984: 94 [subgeneric combination, Palearctic catalog].

Rachispoda aeditua Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Guyana.

Rachispoda aeditua Wheeler in Wheeler & Marshall, 1995: 1250 [both sexes, illustr.]. Type locality: Guyana, Mazaruni-Potaro District, Takutu Mountains, 6°15' N, 59°5' W. HT male (USNM).

Rachispoda aemula (Roháček, 1993) **comb.n.** **Distr.:** Palearctic: Afghanistan, Uzbekistan.

Leptocera (Rachispoda) aemula Roháček, 1993a: 115 [both sexes, phylogenetic notes, illustr.]. Type locality: Afghanistan, Bande Amir. HT male (JRO).

Rachispoda aequalitarsis (Duda, 1925) **comb.n.** **Distr.:** Afrotropical: Ethiopia, Madagascar, Zaire.

Leptocera (Collinella) aequalitarsis Duda, 1925: 24 [both sexes]. Type locality: Ethiopia, Diro-Daua. STs (HNHM).

Leptocera (Rachispoda) aequalitarsis. - Richards, 1938a: 384 [subgeneric combination]; Hackman, 1967b: 28, 31 [illustr.]; Richards, 1980: 621 [Afrotropical catalog].

Limosina (Collinellula) aequalitarsis. - Vanschuytbroeck, 1950a: 21 [generic combination].

Collinellula aequalitarsis. - Vanschuytbroeck, 1970: 265 [generic combination].

Rachispoda aequipilosa (Duda, 1925). **Distr.:** Neotropical: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru.

Leptocera (Collinella) aequipilosa Duda, 1925: 34 [both sexes]. Type locality: Paraguay, Asunción. LT male, designated by Wheeler & Marshall, 1995: 1213 (SMTD).

Leptocera (Rachispoda) aequipilosa. - Richards, 1931: 62 [subgeneric combination]; Richards, 1967b: 9 [Neotropical catalog].

Rachispoda aequipilosa. - Wheeler & Marshall, 1995: 1213-1215 [generic combination, redescription, illustr.].

Rachispoda afghanica (Papp, 1978) **comb.n.** **Distr.:** Palaearctic: Afghanistan, Tadjikistan.

Leptocera (Rachispoda) afghanica Papp, 1978a: 160 [male, phylogenetic notes, illustr.]. Type locality: Afghanistan, Prov. Kandahar, Arghandab river, 5 km from Kandahar [1,000 m]. HT male (HNHM). - Papp, 1984: 91 [Palaearctic catalog].

Rachispoda afra (Roháček, 1991) **comb.n.** **Distr.:** Afrotropical: Kenya, Sierra Leone, Tanzania, Uganda, Zimbabwe; Palaearctic: Canary Is. (Spain).

Leptocera (Rachispoda) afra Roháček, 1991b: 260 [both sexes, phylogenetic notes, illustr.]. Type locality: Tanzania, Katona, Mto-ja-Kifaru. HT male (HNHM).

Rachispoda alces Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina.

Rachispoda alces Wheeler in Wheeler & Marshall, 1995: 1215 [both sexes, illustr.]. Type locality: Argentina, Jujuy, Dique La Ciénaga, 8 km W El Carmen [1,200 m]. HT male (CNCI).

Rachispoda altimontana Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.

Rachispoda altimontana Wheeler in Wheeler & Marshall, 1995: 1288 [both sexes, illustr.]. Type locality: Ecuador, Azuay, 10 km S Cuenca [2,200 m]. HT male (CNCI).

Rachispoda amarilla Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Dominican Republic.

Rachispoda amarilla Wheeler in Wheeler & Marshall, 1995: 1252 [both sexes, illustr.]. Type locality: Dominican Republic, Manabao. HT male (CNCI).

Rachispoda anathema Wheeler, 1995. **Distr.:** Nearctic: USA (CA, OR).

Rachispoda anathema Wheeler, 1995: 207 [both sexes, illustr.]. Type locality: USA, Oregon, Jackson Co., 17.3 km N Prospect, Union Creek Campground, Rogue River [975 m]. HT male (CASC).

Rachispoda anceps (Stenhammar, 1855) **comb.n.** **Distr.:** Palaearctic: Austria, Czech Republic, Finland, Germany, Great Britain, Hungary, Poland, Russia (NET), Spain, Sweden, Switzerland.

Limosina anceps Stenhammar, 1855: 372 [? sex]. Type locality: Sweden, Skåne (= Scania), Kullaberg. NT male, designated by Roháček, 1991b: 135 (MZLU).

Leptocera (Collinella) anceps. - Duda, 1925: 17, 34 [generic combination, key, partim].

Limosina (Collinella) breviceps var. *anceps*. - Duda, 1938: 71 [subgeneric combination, redescription, partim].

Leptocera (Rachispoda) anceps. - Papp, 1973c: 76 [subgeneric combination]; Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 105, 135-139 [redescription, both sexes, egg, phylogenetic notes, illustr.].

Limosina tarsata Zetterstedt, 1855: 4796. LT male, designated by Roháček, 1977c: 178 (MZLU). - Roháček, 1991b: 135 [synonymy].

Rachispoda andina Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Peru.

Rachispoda andina Wheeler in Wheeler & Marshall, 1995: 1254 [both sexes, illustr.]. Type locality: Peru, Junín, Ondores, Puna [4,100 m]. HT male (MZLU).

Rachispoda ariana (Papp, 1978) **comb.n.** **Distr.:** Palaearctic: Afghanistan, Tadjikistan, Uzbekistan.

Leptocera (Rachispoda) ariana Papp, 1978: 161 [both sexes, illustr.]. Type locality: Afghanistan, Prov. Kandahar, Arghandab river, 5 km from Kandahar [1,000 m]. HT male

- (HNHM). - Papp, 1984: 91 [Palaeartic catalog]; Roháček, 1993a: 120 [phylogenetic notes].
- Rachispoda arnaudi*** Wheeler, 1995. **Distr.:** Nearctic: USA (CA, OR); Neotropical: Mexico (BCN, CHU, DUR).
Rachispoda arnaudi Wheeler, 1995: 178 [both sexes, illustr.]. Type locality: Mexico, Baja California, Agua Caliente (San Carlos), 18.5 km E Maneadero. HT male (CASC).
- Rachispoda aroana*** (Richards, 1973) **comb.n. Distr.:** Australasian/Oceanian: Papua New Guinea.
Leptocera (Rachispoda) aroana Richards, 1973: 310 [both sexes, illustr.]. Type locality: Papua New Guinea, Aroana Estate, Aroa river. HT male (AMSA). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].
- Rachispoda atra*** (Adams, 1903). **Distr.:** Nearctic: USA (AZ, CA, CO, KS, MO, NM, NV, OR, SD, TX, UT, WY); Neotropical: Mexico (BCN, BCS, CHU, COL, DUR, HID, NUL, SIN, SON).
Limosina atra Adams, 1903: 223 [female]. Type locality: USA, Kansas, Douglas Co. HT female (SEMC).
Leptocera atra. - Spuler in Cole & Lovett, 1921: 319 [generic combination].
Leptocera (Collinella) atra. - Spuler, 1924b: 113 [subgeneric combination, diagnosis, key, illustr.].
Leptocera (Rachispoda) atra. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog]; Richards, 1967b: 9 [Neotropical catalog].
Rachispoda atra. - Wheeler, 1995: 180-182 [generic combination, both sexes, redescription, illustr.].
Limosina setigera Adams, 1903: 223 [female]. Type locality: USA, New Mexico, Magdalena Mts. LT female, designated by Wheeler, 1995: 182 (SEMC). - Spuler, 1924b: 113 [synonymy].
Leptocera (Limosina) setigera. - Richards, 1965c: 724 [generic combination, Nearctic catalog].
Leptocera (Rachispoda) setigera. - Roháček, 1991b: 268 [subgeneric combination].
- Rachispoda atrolimosa*** (Frey, 1945) **comb.n. Distr.:** Palaeartic: Azores (Portugal).
Leptocera atrolimosa Frey, 1945: 75 [both sexes]. Type locality: Azores, São Miguel, Sete Cidades. LT male, designated by Roháček, 1991b: 206 (MZHF).
Collinellula atrolimosa. - Hackman, 1958a: 50 [generic combination, illustr.].
Leptocera (Rachispoda) atrolimosa. - Papp, 1984: 91 [subgeneric combination; Palaeartic catalog]; Roháček, 1991b: 206-209 [redescription, phylogenetic notes, illustr.].
Leptocera atrolimosa var. *abnormalis* Frey, 1945: 45 [male]. Type locality: Azores, São Jorge, Calheta. HT male (MZHF). - Hackman, 1958a: 50 [synonymy].
- Rachispoda australica*** (Duda, 1925) **comb.n. Distr.:** Australasian/Oceanian: Australia (QLD).
Leptocera (Collinella) australica Duda, 1925: 30 [both sexes]. Type locality: Australia, Queensland, Brisbane. STs (HNHM).
Leptocera (Rachispoda) australica. - Richards, 1973: 308 [subgeneric combination]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].
- Rachispoda awalensis*** (Richards, 1973) **comb.n. Distr.:** Australasian/Oceanian: Papua New Guinea.
Leptocera (Limosina) awalensis Richards, 1973: 374 [male]. Type locality: Papua New Guinea, Popondetta subdistrict, Awala Estate. HT male (AMSA). - Marshall, 1989b: 607 [Australasian/Oceanian catalog].

- Rachispoda baezensis*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.
Rachispoda baezensis Wheeler in Wheeler & Marshall, 1995: 1289 [both sexes, illustr.]. Type locality: Ecuador, Napo, Baeza [2,000 m]. HT male (CNCI).
- Rachispoda barbata*** (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: Canada (NB, ON, QC), USA (AK, MI, NH, UT).
Leptocera barbata Sabrosky, 1949: 16 [both sexes, illustr.]. Type locality: USA, Michigan, Isle Royale. HT male (USNM).
Leptocera (Rachispoda) barbata. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog].
- Rachispoda bipilosa*** (Duda, 1925). **Distr.:** Neotropical: Argentina, Bolivia, Brazil, Colombia.
Leptocera (Collinella) bipilosa Duda, 1925: 43 [both sexes]. Type locality: Bolivia, Mapiro, Lorenzopata. LT male, designated by Wheeler & Marshall, 1995: 1302 (SMTD).
Leptocera (Rachispoda) bipilosa. - Richards, 1963d: 236 [subgeneric combination]; Richards, 1967b: 9 [Neotropical catalog].
Rachispoda bipilosa. - Wheeler & Marshall, 1995: 1302-1304 [generic combination, redescription, illustr.].
- Rachispoda boninensis*** (Richards, 1963) **comb.n. Distr.:** Australasian/Oceanian: Bonin Is. (Japan).
Leptocera (Rachispoda) boninensis Richards, 1963a: 115 [both sexes]. Type locality: Bonin Islands, Chichi Jima, Ani Jima, Southwest bay. HT male (originally in USNM, now probably lost, see Pitkin, 1989: 19). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].
- Rachispoda breviceps*** (Stenhammar, 1855) **comb.n. Distr.:** Palaearctic: ?Belgium, Czech Republic, Denmark, Finland, ?France, Germany, Hungary, Italy, Poland, ?Netherlands, Norway, Slovakia, Sweden, Yugoslavia (Serbia).
Limosina breviceps Stenhammar, 1855: 374 [? sex]. Type localities: Sweden, "in Uplandia ad Holmiam", "in Ostrogothia ad Häradschammar". LT male, designated by Roháček, 1991b: 167 (UZIUI).
Limosina (Collinella) breviceps Duda, 1918: 62 [subgeneric combination, redescription, partim, illustr.].
Leptocera (Collinella) breviceps Duda, 1925: 17 [generic combination, key, partim].
Limosina (Collinellula) breviceps Duda, 1938: 71 [subgeneric combination, redescription, partim].
Leptocera (Rachispoda) breviceps Papp, 1973b: 76 [subgeneric combination, key, partim]; Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 167-172 [redescription, both sexes, phylogenetic notes, illustr.].
- Rachispoda brevior*** (Roháček, 1983). **Distr.:** Palaearctic: Austria, Bulgaria, Czech Republic, Great Britain, Greece (Crete), Hungary, Israel, Italy (incl. Sardinia), Malta, Morocco, Roumania, Slovakia, Spain, Tunisia, Yugoslavia (Montenegro, Serbia).
Leptocera (Rachispoda) brevior Roháček, 1991b: 152 [both sexes, phylogenetic notes, illustr.]. Type locality: Czech Republic, Moravia, Strachotin-Pansee (distr. Břeclav). HT male (SMOC).
Rachispoda brevior. - Gatt, 2000: 517 [generic combination].
- Rachispoda breviseta*** (Malloch, 1914) **comb.n. Distr.:** Neotropical: Costa Rica.

- Leptocera (Limosina) breviseta* Malloch, 1914a: 23 [male, illustr.]. Type locality: Costa Rica, Cartago. HT male (ANSP).
- Leptocera (Rachispoda) breviseta*. - Richards, 1967b: 9 [subgeneric combination, Neotropical catalog].
- Leptocera (Collinella) brevista*. - Spuler, 1924b: 113 [misspelling, subgeneric combination].
- Rachispoda caesia*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Venezuela.
- Rachispoda caesia* Wheeler in Wheeler & Marshall, 1995: 1291 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Los Chorros. HT male (CNCI).
- Rachispoda canadensis*** Wheeler, 1995. **Distr.:** Nearctic: Canada (AB, MB, ON, QC); USA (CO, IN, MT, NH, NY, UT).
- Rachispoda canadensis* Wheeler, 1995: 184 [both sexes, illustr.]. Type locality: Canada, Ontario, Ottawa. HT male (CNCI).
- Rachispoda caudatula*** Roháček, **nom.n.** **Distr.:** Palaearctic: Italy, Malta, Tunisia.
- Leptocera (Rachispoda) caudata* Roháček, 1991b: 222 [a primary junior homonym of *Leptocera (Scotophilella) caudata* Duda, 1929, currently a synonym of *Sclerocoelus plumiseta* (Duda, 1925); female, phylogenetic notes, illustr.]. Type locality: Italy, Litorale Veneto. HT female (MCNV).
- Rachispoda caudata*. - Gatt, 2000: 518 [generic combination]; Munari, 2001: 25-27 [male, genitalia, illustr.].
- Rachispoda cеста*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Costa Rica.
- Rachispoda cеста* Wheeler in Wheeler & Marshall, 1995: 1255 [both sexes, illustr.]. Type locality: Costa Rica, Hwy 2 km 95, 83°44'W, 9°36' [320 m]. HT male (CNCI).
- Rachispoda chisholmae*** Wheeler in Wheeler and Marshall, 1995. **Distr.:** Neotropical: Colombia, Guyana, Trinidad.
- Rachispoda chisholmae* Wheeler in Wheeler and Marshall, 1995: 1216 [both sexes, illustr.]. Type locality: Trinidad, Caroni, 3 km W Caroni. HT male (CNCI).
- Rachispoda cilifera*** (Rondani, 1880) **comb.n.** **Distr.:** Afrotropical: all records doubtful; Palaearctic: Albania, Austria, Bulgaria, Czech Republic, Hungary, Italy, Poland, Russia (CET, ?FE), Slovakia, Yugoslavia (Serbia).
- Limosina cilifera* Rondani, 1880: 22, 31 [both sexes ?]. Type locality: Italy, Emilia. LT male, designated by Roháček, 1991b: 122 (MZUF).
- Limosina (Collinella) cilifera*. - Duda, 1918: 74 [partim, subgeneric combination, redescription, illustr.].
- Leptocera (Collinella) cilifera*. - Duda, 1925: 20 [partim, generic combination, key].
- Limosina (Collinellula) cilifera*. - Duda, 1938: 73 [partim, subgeneric combination, redescription].
- Leptocera (Rachispoda) cilifera*. - Papp, 1973a: 74 [subgeneric combination]; Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 122-127 [redescription, both sexes, phylogenetic notes, illustr.].
- Rachispoda clivicola*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Mexico (HID).
- Rachispoda clivicola* Wheeler in Wheeler & Marshall, 1995: 1257 [both sexes, illustr.]. Type locality: Mexico, Hidalgo, 5 km N Zicualtipan, Hwy 105 [2,500 m]. HT male (MZLU).
- Rachispoda colombiana*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Colombia.

Rachispoda colombiana Wheeler in Wheeler & Marshall, 1995: 1259 [male, illustr.]. Type locality: Colombia, Cundinamarca, El Colegio. HT male (USNM).

Rachispoda condyla Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Chile.

Rachispoda condyla Wheeler in Wheeler & Marshall, 1995: 1230 [male, illustr.]. Type locality: Chile, Magellanes, Tres Brazos, Punta Arenas. HT male (CNCI).

Rachispoda congoensis (Vanschuytbroeck, 1950) **comb.n.** **Distr.:** Afrotropical: Zaire.

Limosina (*Collinellula*) *congoensis* Vanschuytbroeck, 1950a: 19 [female]. Type locality: Zaire, Parc Albert, Cratère Musinga. HT female (MRAC).

Leptocera (*Rachispoda*) *congoensis*. - Richards, 1980: 621 [generic combination, Afrotropical catalog].

Rachispoda conradti (Duda, 1925) **comb.n.** **Distr.:** Afrotropical: Bioko I. (Equatorial Guinea).

Leptocera (*Collinella*) *acrosticalis* var. *Conradti* Duda, 1925: 47 [male]. Type locality: Fernando Póo (= Bioko I.). HT male (not located in ZMPA, possibly ZMHB?).

Leptocera (*Rachispoda*) *acrosticalis* var. *conradti*. - Richards, 1980: 621 [Afrotropical catalog].

Leptocera (*Rachispoda*) *conradti*. - Roháček, 1991b: 266 [subgeneric combination, species status].

Rachispoda cryptica (Sabrosky, 1949) **comb.n.** **Distr.:** Nearctic: Canada (MB), USA (CA, CO, ID, NV, OR, UT, WA).

Leptocera cryptica Sabrosky, 1949: 12 [both sexes, illustr.]. Type locality: USA, Idaho, Moscow. HT male (USNM).

Leptocera (*Rachispoda*) *cryptica*. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog].

Rachispoda cryptistyla Wheeler, 1995. **Distr.:** Nearctic: Canada (AB, MB, NT, ON, QC); USA (CO, IA, IL, KS, MD, NM, NY).

Rachispoda cryptistyla Wheeler, 1995: 209 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Midland. HT male (CNCI).

Rachispoda cryptochaeta (Duda, 1918) **comb.n.** **Distr.:** Palaearctic: Denmark, Germany, Great Britain, Ireland, Spain, Sweden.

Limosina (*Collinella*) *breviceps* var. *cryptochaeta* Duda, 1918: 64 [both sexes]. Type locality: Germany, Westfalen, Herten. LT male, designated by Roháček, 1991b: 139 (ZMHB).

Limosina (*Collinellula*) *breviceps* subvar. *cryptochaeta*. - Duda, 1938: 72 [subgeneric combination, redescription].

Leptocera (*Rachispoda*) *cryptochaeta*. - Richards, 1930: 286 [generic combination]; Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 139-143 [redescription, phylogenetic notes, illustr.].

Rachispoda decimsetosa (Richards, 1931). **Distr.:** Neotropical: Argentina, Uruguay.

Leptocera (*Rachispoda*) *decimsetosa* Richards, 1931: 83 [male]. Type locality: Uruguay, Montevideo. HT male (BMNH). - Richards, 1967b: 9 [Neotropical catalog].

Rachispoda decimsetosa. - Wheeler & Marshall, 1995: 1231-1233 [generic combination, redescription, both sexes, illustr.].

Rachispoda digitata Wheeler, 1995. **Distr.:** Nearctic: USA (CA); Neotropical: Mexico (BCS, JAL, SIN, SON).

Rachispoda digitata Wheeler, 1995: 185 [male, illustr.]. Type locality: Mexico, Sinaloa, 26 mi S Culiacán. HT male (SEMC).

Rachispoda disciseta (Richards, 1963) **comb.n. Distr.:** Australasian/Oceanian: Marshall Is., Micronesia (Ponape, Truk Is.), Palau (USA), Vanuatu; Oriental: Malaysia.

Leptocera (Rachispoda) disciseta Richards, 1963a: 116. Type locality: Caroline Islands, Ponape, Colonia. HT male (originally in USNM, now probably lost, see Pitkin, 1989: 19). - Hackman, 1977: 402 [Oriental catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Rachispoda divergens (Duda, 1925). **Distr.:** Neotropical: Argentina, Bolivia, Chile, Colombia, Peru, Uruguay, Venezuela.

Leptocera (Collinella) divergens Duda, 1925: 44 [both sexes]. Type locality: Chile, Punta Arenas. LT male, designated by Wheeler & Marshall, 1995: 1235 (SMTD).

Leptocera (Rachispoda) divergens. - Richards, 1931: 62 [subgeneric combination]; Richards, 1967b: 9 [Neotropical catalog].

Rachispoda divergens. - Wheeler & Marshall, 1995: 1233 [generic combination, redescription, illustr.].

Leptocera (Collinella) divergeus. - Duda, 1929: 34 [misspelling].

Leptocera (Rachispoda) ensinada Richards, 1931: 76 [both sexes, illustr.]. Type locality: Chile, Ensenada. HT male (BMNH). - Richards, 1967b: 9 [Neotropical catalog]; Wheeler & Marshall, 1995: 1233 [synonymy].

Rachispoda dolorosa (Williston, 1896) **comb.n. Distr.:** Neotropical: Saint Lucia, St. Vincent.

Limosina dolorosa Williston, 1896a: 432 [both sexes]. Type locality: West Indies, Saint Vincent. LT female, designated by Buck (see p. 38) (AMNH). - Richards, 1961b: 563 [identity of type specimens].

Leptocera (Leptocera) dolorosa. - Spuler, 1924b: 115 [generic combination]; Richards, 1961b: 563 [notes on type material]; Richards, 1967b: 8 [Neotropical catalog].

Rachispoda luciana Wheeler in Wheeler & Marshall, 1995: 1222 [both sexes, illustr.]. Type locality: St. Lucia, Black Bay. HT male (CNCI). - **syn.n.** (see p. 23).

Rachispoda duodecimseta (Papp, 1973) **comb.n. Distr.:** Palaearctic: Afghanistan, Algeria, Israel, Italy (Sicily), Mongolia, Morocco, Tadjikistan.

Leptocera (Rachispoda) duodecimseta Papp, 1973a: 419 [both sexes, phylogenetic notes]. Type locality: Mongolia, Central aimak, 25 km E Somon Lun [1,200 m]. HT male (HNHM). - Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 231-235 [redescription, phylogenetic notes, illustr.].

Rachispoda duplex (Roháček, 1991) **comb.n. Distr.:** Palaearctic: Bulgaria, Hungary, Slovakia, Spain, Yugoslavia (Serbia).

Leptocera (Rachispoda) duplex Roháček, 1991b: 148 [both sexes, phylogenetic notes, illustr.]. Type locality: Hungary, Kiskunsági N. P., Fülöpháza. HT male (HNHM).

Rachispoda eurystyla Wheeler, 1995. **Distr.:** Neotropical: Mexico (CHI, CHU, GUE, HID, JAL, MEX, MIC, MOR, QRE, SLP, TAM).

Rachispoda eurystyla Wheeler, 1995: 187 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Morelos, Cuernavaca. HT male (SEMC).

Rachispoda excavata (Papp, 1979) **comb.n. Distr.:** Palaearctic: Russia (FE, NET).

Leptocera (Rachispoda) excavata Papp, 1979c: 226 [both sexes, phylogenetic notes, illustr.]. Type locality: Russia, Habarovsk krai, P. Osipenko. HT male (IZBE). - Papp, 1984: 91 [Palaearctic catalog]; Roháček, 1991b: 239-242 [redescription, phylogenetic notes, illustr.].

Rachispoda falcicula Wheeler, 1995. **Distr.:** Nearctic: USA (CA).

Rachispoda falcicula Wheeler, 1995: 189 [both sexes, illustr.]. Type locality: USA, California, Stanislaus Co., Del Puerto Canyon, 4 mi W Highway 15. HT male (CASC).

Rachispoda filiforceps (Duda, 1925) **comb.n. Distr.:** Australasian/Oceanian: Australia. Oriental: Indonesia (Java), Philippines (Luzon), Sri Lanka, Taiwan, Vietnam.

Leptocera (Collinella) filiforceps Duda, 1925: 40 [both sexes]. Type localities: Taiwan, Tainan; Java, Batavia and Goewe Lawa Bobokan; Vietnam, "Mittel-Annam". STs (HNHM, ZMAN, MHNW).

Leptocera (Rachispoda) filiforceps. - Hackman, 1977: 402 [subgeneric combination, Oriental catalog].

Rachispoda forceps (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: Canada (AB), USA (AZ, ID, KS, NV, OR, SD, TX, UT, WA).

Leptocera forceps Sabrosky, 1949: 10 [both sexes, illustr.]. Type locality: USA, Kansas, Manhattan. HT male (USNM).

Leptocera (Rachispoda) forceps. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog].

Rachispoda forficula Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina, Chile.

Rachispoda forficula Wheeler in Wheeler & Marshall, 1995: 1235 [both sexes, illustr.]. Type locality: Argentina, Neuquén, Catán Lil [900 m]. HT male (CNCI).

Rachispoda freyi (Hackman, 1958) **comb.n. Distr.:** Palaearctic: Canary Is. (Spain).

Collinellula freyi Hackman, 1958a: 49 [both sexes, illustr.]. Type locality: Canary Is., Tenerife, Las Mercedes. HT male (MZHF).

Leptocera (Rachispoda) freyi. - Papp, 1982a: 130 [generic combination]; Papp, 1984: 92 [Palaearctic catalog]; Roháček, 1991b: 160-163 [redescription, both sexes, phylogenetic notes, illustr.].

Rachispoda frosti (C. W. Johnson, 1915). **Distr.:** Nearctic: USA (MA, ME, NH).

Leptocera frosti C. W. Johnson, 1915: 21 [female]. Type locality: USA, Massachusetts, Framingham. HT female (MCZC).

Leptocera (Collinella) frosti. - Spuler, 1924b: 111 [subgeneric combination, illustr.].

Leptocera (Rachispoda) frosti. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog].

Rachispoda frosti. - Wheeler, 1995: 212-214 [generic combination, redescription, both sexes, illustr.].

Rachispoda fumipennis (Spuler, 1924) **comb.n. Distr.:** Nearctic: Canada (BC), USA (CA, ID, IL, TX, WA).

Leptocera (Collinella) fumipennis Spuler, 1924b: 10 [both sexes, illustr.]. Type locality: Canada, British Columbia, Nelson. HT male (USNM).

Leptocera (Rachispoda) fumipennis. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda fuscinervis (Malloch, 1912). **Distr.:** Nearctic: USA (FL, MD); Neotropical: Costa Rica, Dominican Republic, Ecuador, Guatemala, Honduras, Mexico (CHI, GUE, VRC), Nicaragua, Panama, Puerto Rico, Trinidad, Venezuela.

Limosina fuscinervis Malloch, 1912: 6 [female]. Type locality: Panama, Canal Zone, Tabernilla. HT female (USNM).

Leptocera (Limosina) fuscinervis. - Malloch, 1914a: 22 [generic combination].

Leptocera (Paracollinella) fuscinervis. - Duda, 1925: 36 [subgeneric combination].

Leptocera (Leptocera) fuscinervis. - Richards, 1967b: 8 [subgeneric combination; Neotropical catalog].

- Leptocera (Rachispoda) fuscineris*. - Roháček, 1991b: 267 [subgeneric combination].
- Rachispoda fuscineris*. - Wheeler & Marshall, 1995: 1260-1262 [generic combination, both sexes, redescription, illustr.].
- Leptocera (Collinella) fuscineris*. - Spuler, 1924b: 111 [misspelling, subgeneric combination].
- Leptocera (Collinella) limbinervis* Duda, 1925: 33 [female]. Type locality: Costa Rica, Suiza de Turrialba. HT female (HNHM). - Wheeler & Marshall, 1995: 1260 [synonymy].
- Leptocera (Rachispoda) limbinervis*. - Richards, 1963d: 236 [subgeneric combination].
- Leptocera (Collinella) ruficornis* Duda, 1925: 41 [female]. Type locality: ?Ecuador, Tambillo. HT female (NHMW). - Wheeler & Marshall, 1995: 1260 [synonymy].
- Leptocera (Rachispoda) ruficornis*. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].
- Rachispoda fuscipennis*** (Haliday, 1833). **Distr.:** Afrotropical: Madagascar, Namibia, Saudi Arabia, Yemen (Socotra), Zaire; Australasian/Oceanian: Australia (NSW), Guam (USA), Hawaii (USA), New Zealand; Oriental: Taiwan; Nearctic: Canada (BC, MB, NS, ON, SK), USA (CA, FL, GA, MA, NY); Neotropical: Bahamas, Bermuda, Galápagos Is. (Ecuador), Mexico (SIN); Palaearctic: Afghanistan, Algeria, Austria, Azerbaidjan, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Egypt, Finland, France (inc. Corsica), Germany, Great Britain, Greece, Iraq, Israel, Italy (incl. Sardinia, Sicily), Latvia, Japan, Jordan, Kirghizstan, Malta, Mongolia, Morocco, Netherlands, Norway, Poland, Portugal, Roumania, Russia (SET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tunisia, Turkey, Uzbekistan, Yugoslavia (Serbia); South Atlantic: Saint Helena.
- Borborus fuscipennis* Haliday, 1833: 178 [sex not stated]. Type locality: Ireland. LT male, designated by Roháček, 1991b: 225 (NMID).
- Limosina fuscipennis*. - Haliday, 1836: 332 [generic combination].
- Limosina (Collinella) fuscipennis*. - Duda, 1918: 54 [subgeneric combination, illustr.].
- Leptocera fuscipennis* - Spuler in Cole & Lovett, 1921: 319 [generic combination].
- Leptocera (Collinella) fuscipennis* - Spuler, 1924b: 109 [subgeneric combination, illustr.]; Duda, 1925: 19 [key].
- Leptocera (Rachispoda) fuscipennis*. - Richards, 1930: 286 [subgeneric combination]; Richards, 1965c: 721 [Nearctic catalog]; Richards, 1980: 621 [Afrotropical catalog]; Papp, 1984: 92 [Palaearctic catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog]; Roháček, 1991b: 105-107, 224-231 [redescription, phylogenetic notes, illustr.].
- Limosina (Leptocera) fuscipennis*. - Frey, 1936: 108 [subgeneric combination].
- Limosina (Collinellula) fuscipennis*. - Duda, 1938: 74 [subgeneric combination].
- Collinellula fuscipennis*. - Hackman, 1958a: 49 [generic combination].
- Leptocera fuscipennis*. - Mihara et al., 1983a: 7-12 [morphology, adult, preimaginal stages, biology, illustr.]; Mihara et al., 1983b: 13-20 [mass breeding, migration].
- Rachispoda fuscipennis*. - Wheeler, 1995: 204 [generic combination, redescription, illustr.].
- Limosina oelandica* Stenhammar, 1855: 391 [both sexes ?]. Type locality: Sweden, Öland (Oelandia). LT male, designated by Roháček, 1991b: 225 (MZLU). - Papp, 1984: 92 [synonymy].
- Limosina plurisetosa* Strobl, 1900: 69 [sexes mot stated]. Type locality: Spain, Algeciras. LT male, designated by Roháček, 1991b: 225 (NMBA). - Papp, 1984: 92 [synonymy].
- Leptocera (Collinella) fuscipennis* var. *plurisetosa*. - Duda, 1925: 45 [generic combination].
- Leptocera (Rachispoda) fuscipennis* var. *plurisetosa*. - Richards, 1980: 622 [subgeneric combination, Afrotropical catalog].

Leptocera (Collinella) echinaspis Spuler, 1924b: 108 [male, illustr.]. Type locality: USA, California, Palo Alto. HT male (USNM). - Wheeler, 1995: 204 [synonymy].

Leptocera (Rachispoda) echinaspis. - Richards, 1965c: 721 [subgeneric combination; Nearctic catalog].

Leptocera downesi Richards, 1944: 137 [both sexes]. Type locality: Great Britain, Scotland, Glasgow. HT male (BMNH). - Pitkin, 1988: 10 [synonymy].

Leptocera (Leptocera) downesi. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Leptocera (Rachispoda) downesi. - Papp, 1984: 91 [subgeneric combination, Palaearctic catalog].

Rachispoda gel (Papp, 1978). **Distr.:** Palaearctic: Afghanistan, Armenia, Austria, Czech Republic, Germany, Great Britain, Greece, Hungary, Israel, Italy, Malta, Poland, Portugal, Slovakia, Spain, Sweden, Tadjikistan, Tunisia.

Leptocera (Rachispoda) gel Papp, 1978a: 162 [both sexes, phylogenetic notes, illustr.]. Type locality: Afghanistan, Prov. Kabul, Bini Hesar lake, 5 km SE Kabul city [1,780 m]. HT male (HNHM). - Papp, 1984: 92 [Palaearctic catalog]; Roháček, 1991b: 163-167 [redescription, phylogenetic notes, illustr.].

Rachispoda gel. - Gatt, 2000: 518 [generic combination].

Rachispoda geneiates Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Puerto Rico.

Rachispoda geneiates Wheeler in Wheeler & Marshall, 1995: 1262 [male, illustr.]. Type locality: Puerto Rico, El Verde Station, Colorado forest. HT male (CNCI).

Rachispoda gobiensis (Papp, 1974) **comb.n.** **Distr.:** Palaearctic: Mongolia.

Leptocera (Rachispoda) gobiensis Papp, 1974d: 265 [both sexes, phylogenetic notes, illustr.]. Type locality: Mongolia, South Gobi aimak, 40 km SSE Nomgon. HT male (ZISP). - Papp, 1984: 92 [Palaearctic catalog].

Rachispoda hammersteini (Duda, 1925) **comb.n.** **Distr.:** Afrotropical: Tanzania.

Leptocera (Collinella) Hammersteini Duda, 1925: 36 [female]. Type locality: Tanzania, Nyembe. HT female (not located in ZMPA, possibly ZMHB ?).

Collinellula hammersteini. - Vanschuytbroeck, 1970: 265 [generic combination].

Leptocera (Rachispoda) hammersteini. - Richards, 1980: 622 [subgeneric combination, Afrotropical catalog].

Rachispoda hoplites (Spuler, 1924). **Distr.:** Nearctic: Canada (AB, BC, MB, QC, SK, YT); USA (AK, OR, VT, WA).

Leptocera (Leptocera) hoplites Spuler, 1924b: 115 [both sexes, illustr.]. Type locality: USA, Washington, Washougal. HT male (USNM). - Richards, 1965c: 721 [Nearctic catalog].

Leptocera (Rachispoda) hoplites. - Roháček, 1991b: 267 [subgeneric combination].

Rachispoda hoplites. - Wheeler, 1995: 214 [generic combination, redescription, phylogenetic notes, illustr.].

Rachispoda hostica (Villeneuve, 1917) **comb.n.** **Distr.:** Afrotropical: record from Zaire doubtful; Palaearctic: Afghanistan, Albania, Austria, Bulgaria, Czech Republic, Finland, Hungary, Iran, Italy, Mongolia, Poland, Roumania, Russia (SET), Slovakia, Sweden, Tadjikistan, Turkey, Yugoslavia (Montenegro).

Leptocera (Limosina) hostica Villeneuve, 1917a: 140 [both sexes]. Type locality: North Italy, Macerata. LT female, designated by Roháček, 2001: 471 (MNHN).

Limosina (Collinella) hostica. - Duda, 1924b: 164 [subgeneric combination].

Leptocera (Collinella) hostica. - Duda, 1925: 17, 40 [key].

Limosina (Collinellula) hostica. - Duda, 1938: 75 [subgeneric combination].

Leptocera (Rachispoda) hostica. - Papp, 1973c: 71 [subgeneric combination]; Papp, 1984: 92 [Palearctic catalog]; Roháček, 1991b: 184-188 [redescription, phylogenetic notes, illustr.].

Limosina (Collinella) fuscolimosa Duda, 1918: 58 [both sexes, illustr.]. Type locality: Hungary, Csetnek. LT male, designated by Roháček, 1991b: 184 (HNHM). - Duda, 1924b: 164 [synonymy].

Rachispoda iberica (Roháček, 1991) **comb.n. Distr.:** Palearctic: Spain.

Leptocera (Rachispoda) iberica Roháček, 1991b: 146 [male, phylogenetic notes, illustr.]. Type locality: Spain, Guadarrama. HT male (MZHF).

Rachispoda intermedia (Duda, 1918) **comb.n. Distr.:** Palearctic: Austria, Finland, Germany, Great Britain, Hungary, Iran, Mongolia, Roumania, Slovakia, Sweden, Turkey.

Limosina (Collinella) fuscipennis var. *intermedia* Duda, 1918: 58 [both sexes]. Type localities: Germany, Westfalen, Eickel; Denmark, Borkum, Thorda. STs, both sexes (ZMHB but recently not located - Roháček, 1991b: 218).

Leptocera (Collinella) fuscipennis var. *intermedia*. - Duda, 1925: 45 [generic combination].

Leptocera (Rachispoda) intermedia. - Roháček, 1991b: 218-222 [redescription, phylogenetic notes, illustr.].

Rachispoda intonsa Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina, Chile.

Rachispoda intonsa Wheeler in Wheeler & Marshall, 1995: 1218 [both sexes, illustr.]. Type locality: Chile, Cautín, 20 km E Temuco. HT male (CASC).

Rachispoda joycei Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Brazil, Paraguay.

Rachispoda joycei Wheeler in Wheeler & Marshall, 1995: 1220 [both sexes, illustr.]. Type locality: Paraguay, Dpto. Central, San Lorenzo. HT male (USNM).

Rachispoda justini Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.

Rachispoda justini Wheeler in Wheeler & Marshall, 1995: 1263 [both sexes, illustr.]. Type locality: Ecuador, Pichincha, 16 km E Santo Domingo, Tinalandia [680 m]. HT male (CNCI).

Rachispoda kabuli (Papp, 1978). **Distr.:** Palearctic: Afghanistan, Algeria, Bulgaria, Canary Is. (Spain), Cyprus, Germany, Great Britain, Israel, Italy (incl. Sardinia, Sicily), Malta, Morocco, Portugal, Roumania, Spain (incl. Balearic Is.), Tunisia.

Leptocera (Rachispoda) kabuli Papp, 1978a: 164 [both sexes, illustr.]. Type locality: Afghanistan, Prov. Kabul, Bini Hesar lake, 5 km SE from Kabul city [1,780 m]. HT male (HNHM). - Papp, 1984: 92 [Palearctic catalog]; Roháček, 1991b: 209-213 [redescription, phylogenetic notes, illustr.].

Rachispoda kabuli. - Gatt, 2000: 518 [generic combination].

Limosina (Collinella) fuscipennis var. *oelandica*. - Duda, 1918: 57 [misidentification, nec *Limosina oelandica* Stenhammar, 1855].

Leptocera (Collinella) fuscipennis var. *oelandica*. - Duda, 1925: 45 [generic combination].

Leptocera (Rachispoda) fuscipennis var. *oelandica*. - Richards, 1930: 286 [subgeneric combination].

Limosina (Collinellula) fuscipennis var. *oelandica*. - Duda, 1938: 75 [subgeneric combination].

Rachispoda kaieteurana Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Guyana.

Rachispoda kaieteurana Wheeler in Wheeler & Marshall, 1995: 1293 [both sexes, illustr.].
Type locality: Guyana, Mazaruni-Potaro District, E side Potaro River downstream Tukelt Falls [600 ft]. HT male (ROME).

Rachispoda kuntzei (Duda, 1918) **comb.n. Distr.:** Russia (SET).

Limosina (*Collinella*) *Halidayi* var. *Kuntzei* Duda, 1918: 51 [male]. Type locality: Russia, Samara. HT male (probably in SMTD).

Leptocera (*Collinella*) *Halidayi* var. *Kuntzei*. - Duda, 1925: 16, 26 [generic combination, key].

Limosina (*Collinellula*) *varicornis* var. *Kuntzei*. - Duda, 1938: 83 [subgeneric combination].

Leptocera (*Rachispoda*) *kuntzei*. - Roháček, 1991b: 267 [specific status, generic combination].

Rachispoda lacustrina Wheeler, 1995. **Distr.:** Nearctic: USA (WA).

Rachispoda lacustrina Wheeler, 1995: 220 [both sexes, illustr.]. Type locality: USA, Washington, Lincoln Co., N end Lake Lenore, 10 mi N Soap Lake. HT male (WSUC).

Rachispoda lagura (Roháček, 1991) **comb.n. Distr.:** Palaearctic: Afghanistan, Algeria, Azerbaidjan, Egypt, Iran, Israel, Mongolia, Uzbekistan, Tunisia.

Leptocera (*Rachispoda*) *lagura* Roháček, 1991b: 214 [both sexes, phylogenetic notes, illustr.]. Type locality: Algeria, Sahara, El Golea Lac. HT male (MCNV).

Rachispoda latiforceps (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: Canada (BC), USA (CA).

Leptocera latiforceps Sabrosky, 1949: 21 [male, illustr.]. Type locality: Canada, British Columbia, Terrace. HT male (USNM).

Leptocera (*Rachispoda*) *latiforceps*. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda laureata Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Brazil.

Rachispoda laureata Wheeler in Wheeler & Marshall, 1995: 1222 [both sexes, illustr.]. Type locality: Brazil, Paraná, Curitiba. HT male (CNCI).

Rachispoda limosa (Fallén, 1820). **Distr.:** Afrotropical: all records doubtful; Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC), USA (CA, CO, IA, ID, IL, IN, KS, MD, MI, MS, MT, NC, NH, NV, NY, OH, OR, PA, TN, UT, WA, WV, WY). Palaearctic: Afghanistan, Algeria, Austria, Belgium, Bulgaria, Canary Is. (Spain), Croatia, Czech Republic, Denmark, Egypt, Finland, France (incl. Corsica), Georgia, Germany, Great Britain, Hungary, Italy (incl. Sicily), Latvia, Lithuania, Netherlands, Norway, Poland, Roumania, Russia (CET, FE, NET, SET), Slovakia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Uzbekistan, Yugoslavia (Serbia).

Copromyza limosa Fallén, 1820: 5 [both sexes ?]. Type locality: Sweden, Scania, Esperöd. LT male, designated by ICZN, 1993: 253 (see also Roháček, 1991b: 179; Wheeler 1995: 218) (NHRS).

Borborus limosus. - Meigen, 1830: 207 [generic combination]; Morge, 1976: Pl. 163, Figs 11a-c [Meigen's original illustr.].

Limosina limosa. - Macquart, 1835: 572 [generic combination].

Rachispoda limosa. - Lioy, 1864: 216 [generic combination]; Wheeler, 1995: 216-219 [redescription, nomenclatural notes].

Limosina (*Collinella*) *limosa*. - Duda, 1918: 59 [subgeneric combination, redescription, illustr.].

Leptocera limosa. - Spuler in Cole & Lovett, 1921: 111 [generic combination].

- Leptocera (Collinella) limosa*. - Spuler, 1924b: 111 [illustr.].
- Leptocera (Rachispoda) limosa*. - Richards, 1930: 286 [subgeneric combination]; Richards, 1965c: 721 [Nearctic catalog]; Papp, 1984: 92 [Palearctic catalog]; Roháček, 1991b: 178-184 [redescription, phylogenetic notes, illustr.].
- Limosina (Collinellula) limosa*. - Duda, 1938: 76 [subgeneric combination, redescription].
- Collinellula limosa*. - Vanschuytbroeck, 1970: 265 [generic combination].
- Nerea limosella* Hendel, 1932: 225 [unnecessary nom.n. for *Limosina limosa* auct.].
- Rachispoda longior*** (Roháček, 1991) **comb.n. Distr.:** Palearctic: Austria, Bulgaria, Czech Republic, Estonia, Germany, Great Britain, Greece (incl. Corfu), Hungary, Israel, Italy (incl. Sardinia, Sicily), Roumania, Slovakia, Spain (incl. Balearic Is.), Sweden, Tadjikistan.
- Leptocera (Rachispoda) longior* Roháček, 1991b: 156 [both sexes, egg, phylogenetic notes, illustr.]. Type locality: Czech Republic, Moravia mer., Strachotín, Pansee (distr. Břeclav). HT male (SMOC).
- Rachispoda lucaris*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Costa Rica, Peru.
- Rachispoda lucaris* Wheeler in Wheeler & Marshall, 1995: 1294 [both sexes, illustr.]. Type locality: Costa Rica, La Selva. HT male (CNCI).
- Rachispoda lugubrina*** (Zetterstedt, 1847) **comb.n. Distr.:** Palearctic: Czech Republic, Finland, Hungary, Latvia, Slovakia, Sweden.
- Limosina lugubrina* Zetterstedt, 1847: 2502 [both sexes ?]. Type locality: Sweden, Gottlandia, nr. Öja and Gothem. LT male, designated by Roháček, 1991b: 172 (MZLU).
- Limosina (Thoracochaeta) lugubrina*. - Duda, 1938: 97 [subgeneric combination].
- Thoracochaeta lugubrina*. - Papp, 1984: 85 [generic combination, Palearctic catalog].
- Leptocera (Rachispoda) lugubrina*. - Florén, 1989: 6 [generic combination]; Roháček, 1991b: 172-176 [redescription, both sexes, phylogenetic notes, illustr.].
- Rachispoda luisi*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina, Chile.
- Rachispoda luisi* Wheeler in Wheeler & Marshall, 1995: 1237 [both sexes, illustr.]. Type locality: Chile, Santiago, Las Brisas. HT male (CNCI).
- Rachispoda luminosa*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Peru.
- Rachispoda luminosa* Wheeler in Wheeler & Marshall, 1995: 1265 [both sexes, illustr.]. Type locality: Peru, Madre de Dios, Manú Natl. Pk., Cocha Cashu Biol. Sta. HT male (ROME).
- Rachispoda lutosa*** (Stenhammar, 1855) **comb.n. Distr.:** Nearctic: Canada (MB), USA (AK); Palearctic: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Iceland, Italy, Japan, Latvia, Lithuania, Netherlands, North Korea, Norway, Poland, Roumania, Russia (CET, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Yugoslavia (Montenegro).
- Limosina lutosa* Stenhammar, 1855: 380 [both sexes]. Type localities: Sweden, "Scania, Hallandia, Bahusia, Westrogothia, Ostrogothia, Gottlandia, Oelandia" (origin of LT not recognized because all syntypes are without locality labels). LT male, designated by Roháček, 1991b: 243 (UZIU).
- Limosina (Collinella) lutosa*. - Duda, 1918: 51 [subgeneric combination, redescription, illustr.].
- Leptocera (Collinella) lutosa*. - Spuler, 1924b: 112 [generic combination, illustr.].

- Limosina (Collinellula) lutosa*. - Duda, 1938: 78 [subgeneric combination, illustr.].
- Leptocera (Rachispoda) lutosa*. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog]; Papp, 1984: 92 [Palaeartic catalog]; Roháček, 1991b: 105, 243-249 [redescription, egg, phylogenetic notes, illustr.].
- Limosina palustris* Collin, 1930: 19 [both sexes]. Type locality: Great Britain, England, Suffolk, S.L. Newmarket. LT male, designated by Roháček, 1991b: 243 (OXUM). - Duda, 1938: 78 [synonymy].
- Leptocera (Rachispoda) palustris*. - Richards, 1930: 285 [generic combination].
- Nerea limosa*. - Hendel, 1932: 225 [generic combination, misinterpretation; nec *Copromyza limosa* Fallén, 1820]. - Duda, 1938: 78 [synonymy].
- Rachispoda lutosoidea* (Duda, 1938). **Distr.:** Palaeartic: Afghanistan, Algeria, Austria, Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Finland, France, Germany, Great Britain, Greece, Hungary, Iran, Israel, Italy (incl. Sardinia, Sicily), Lithuania, Malta, Morocco, Poland, Portugal, Roumania, Russia (CET, SET, ?WS), Slovakia, Spain, Sweden, Switzerland, ?Tadjikistan, Tunisia, Turkey, Yugoslavia (Montenegro, Serbia).**
- Limosina (Collinellula) lutosoidea* Duda, 1938: 79 [both sexes]. Type locality: Poland, O.S., Gleiwitz (= Gliwice). LT male, designated by Roháček, 1991b: 249 (ZMHB).
- Leptocera lutosoidea*. - Sabrosky, 1949: 7 [generic combination].
- Leptocera (Rachispoda) lutosoidea*. - Papp, 1973c: 73 [subgeneric combination]; Papp, 1984: 93 [Palaeartic catalog]; Roháček, 1991b: 249-255 [redescription, phylogenetic notes, illustr.].
- Rachispoda lutosoidea*. - Gatt, 2000: 518 [generic combination].
- Limosina lutosa*. - Collin, 1930: 19 [misinterpretation; nec *Limosina lutosa* Stenhammar, 1855].
- Leptocera (Rachispoda) lutosa*. - Richards, 1930: 285 [generic combination, misinterpretation].
- Rachispoda m-nigrum* (Malloch, 1912). **Distr.:** Nearctic: USA (FL, LA, TX); Neotropical: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Dominica, Dominican Republic, Ecuador, Guatemala, Honduras, Jamaica, Mexico (CHI, GUE, JAL, MOR, SLP, TAM, VRC), Panama, Paraguay, Peru, St. Lucia, St. Vincent, Trinidad, Venezuela.**
- Limosina m-nigrum* Malloch, 1912: 7 [male]. Type locality: Panama, Canal Zone, Paraíso. HT male (USNM).
- Leptocera (Limosina) m-nigrum*. - Malloch, 1914a: 23 [generic combination].
- Leptocera (Collinella) M-nigrum*. - Spuler, 1924b: 114 [subgeneric combination].
- Leptocera (Rachispoda) m-nigrum*. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].
- Rachispoda m-nigrum*. - Wheeler & Marshall, 1995: 1304-1306 [generic combination, both sexes, illustr.].
- Leptocera (Collinella) paraguayensis* Duda, 1925: 29 [both sexes, illustr.]. Type locality: Paraguay, San Bernardino. LT male, designated by Wheeler & Marshall, 1995: 1304 (SMTD). - Wheeler & Marshall, 1995: 1304 [synonymy].
- Leptocera (Rachispoda) paraguayensis*. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].
- Leptocera weemsi* Sabrosky, 1956: 74 [both sexes, illustr.]. Type locality: USA, Florida, Alachua Co. HT male (USNM). - Wheeler & Marshall, 1995: 1304 [synonymy].

Leptocera (Rachispoda) weemsi. - Richards, 1965c: 722 [subgeneric combination, Nearctic catalog].

Rachispoda macalpinei (Richards, 1973) **comb.n. Distr.:** Australasian/Oceanian: Papua New Guinea.

Leptocera (Rachispoda) macalpinei Richards, 1973: 311 [both sexes, illustr.]. Type locality: Papua New Guinea, Bainyik. HT male (AMSA). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Rachispoda maculinea (Richards, 1966) **Distr.:** Neotropical: Brazil, Paraguay.

Leptocera (Rachispoda) maculinea Richards, 1966c: 121 [nom.n. for *Leptocera (Collinella) maculipennis* Duda, 1925]. Type locality: Paraguay, San Bernardino. - Richards, 1967b: 9 [Neotropical catalog].

Rachispoda maculinea. - Wheeler & Marshall, 1995: 1296-1298 [generic combination, redescription, both sexes, illustr.].

Leptocera (Collinella) maculipennis Duda, 1925: 39 [a primary junior homonym of *Leptocera (Scotophilella) maculipennis* Spuler, 1925 = *Spelobia maculipennis* (Spuler, 1925); ?both sexes, illustr.]. Type locality: Paraguay, San Bernardino. LT male, designated by Wheeler & Marshall, 1995: 1296 (HNHM). - Richards, 1966c: 121 [homonymy].

Rachispoda marginalis (Malloch, 1914) **Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) marginalis Malloch, 1914a: 22 [both sexes]. Type locality: Costa Rica, Cartago. HT male (ANSP).

Leptocera (Collinella) marginalis. - Spuler, 1924b: 112 [subgeneric combination].

Leptocera (Rachispoda) marginalis. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].

Rachispoda marginalis. - Wheeler & Marshall, 1995: 1300-1301 [generic combination, redescription, illustr.].

Rachispoda meges (Papp, 1978) **comb.n. Distr.:** Palaearctic: Afghanistan.

Leptocera (Rachispoda) meges Papp, 1978a: 165 [both sexes, illustr.]. Type locality: Afghanistan, Prov. Kabul, Kabul [1,780 m]. HT male (HNHM). - Papp, 1984: 93 [Palaearctic catalog]; Roháček, 1993a: 104-107 [redescription, phylogenetic notes, illustr.].

Rachispoda melanderi (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: USA (WA).

Leptocera melanderi Sabrosky, 1949: 20 [male, illustr.]. Type locality: USA, Washington, Friday Harbor. HT male (USNM).

Leptocera (Rachispoda) melanderi. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda merga Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina, Chile.

Rachispoda merga Wheeler in Wheeler & Marshall, 1995: 1239 [both sexes, illustr.]. Type locality: Argentina, Tucumán, Arroyo, 14 km S El Tala [700 m]. HT male (CNCI).

Rachispoda meringoterga Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina, Brazil, Peru.

Rachispoda meringoterga Wheeler in Wheeler & Marshall, 1995: 1267 [both sexes, illustr.]. Type locality: Brazil, Nova Teutônia, 27°11'S, 52°23'W [300-500 m]. HT male (CNCI).

Rachispoda mexicana Wheeler, 1995. **Distr.:** Nearctic: USA (CA, TX); Neotropical: Mexico (DF, HID, JAL, MEX, MIC, MOR, QRE, SLP).

Rachispoda mexicana Wheeler, 1995: 191 [both sexes, illustr.]. Type locality: Mexico, Mexico, Tepexpan. HT male (CNCI).

Rachispoda michigana (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: USA (CA, ID, IL, IN, MA, ME, MI, NH, NY, OR, PA, SD, UT, WA).

Leptocera michigana Sabrosky, 1949: 14 [both sexes, illustr.]. Type locality: USA, Michigan, Lapeer Co., North Branch. HT male (USNM).

Leptocera (Rachispoda) michigana. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda microarista (Papp, 1973) **comb.n. Distr.:** Palaearctic: Mongolia.

Leptocera (Rachispoda) microarista Papp, 1973a: 421 [male]. Type locality: Mongolia, Uvs aimak, at Baruunturuun gol (river), nr. Somon Baruunturuun [1,280 m]. HT male (HNHM). - Papp, 1984: 93 [Palaearctic catalog].

Rachispoda micropyga (Papp, 1978) **comb.n. Distr.:** Oriental: Sri Lanka; Palaearctic: Afghanistan.

Leptocera (Rachispoda) micropyga Papp, 1978a: 166 [male, phylogenetic notes, illustr.]. Type locality: Afghanistan, Prov. Nangarhar, Band-e Darunta [590 m]. HT male (HNHM). - Papp, 1984: 93 [Palaearctic catalog].

Rachispoda modesta (Duda, 1924) **comb.n. Distr.:** Palaearctic: Afghanistan, Algeria, Armenia, Austria, Belgium, Bulgaria, Canary Is. (Spain), Croatia, Czech Republic, Cyprus, Germany, Great Britain, Greece, Hungary, Italy (incl. Sardinia, Sicily), Iraq, Iran, Israel, Poland, Portugal, Roumania, Slovakia, Slovenia, Spain (incl. Balearic Is.), Sweden, Tadjikistan, Tunisia, Turkey, Uzbekistan, Yugoslavia (Montenegro, Serbia).

Limosina (Collinella) modesta Duda, 1924b: 170 [both sexes]. Type locality: Hungary, Gyón. LT male, designated by Roháček, 1991b: 201 (HNHM).

Leptocera (Collinella) modesta. - Duda, 1925: 16 [generic combination].

Limosina (Collinellula) modesta. - Duda, 1938: 80 [subgeneric combination, redescription].

Collinellula modesta. - Hackman, 1958a: 51 [generic combination].

Leptocera (Rachispoda) modesta. - Papp, 1973c: 74 [subgeneric combination, key]; Papp, 1984: 93 [Palaearctic catalog]; Roháček, 1991b: 105, 201-206 [redescription, egg, phylogenetic notes, illustr.].

Rachispoda multisetosa (Duda, 1925). **Distr.:** Neotropical: Chile, Paraguay.

Leptocera (Collinella) multisetosa Duda, 1925: 48 [both sexes]. Type locality: Chile, Los Andes [800 m]. LT male, designated by Wheeler & Marshall, 1995: 1243 (SMTD).

Note: This lectotype designation is incorrect - no such material is given in the original description. The lectotype should be from Paraguay, Chaco (NHMW)

Leptocera (Rachispoda) multisetosa. - Richards, 1931: 83 [subgeneric combination]; Richards, 1967b: 10 [Neotropical catalog].

Rachispoda multisetosa. - Wheeler & Marshall, 1995: 1241 [generic combination, redescription, both sexes, illustr.].

Leptocera (Rachispoda) rossi Richards, 1963d: 237 [both sexes]. Type locality: Chile, Cautín, 20 km E Temuco. HT male (CASC). - Richards, 1967b: 10 [Neotropical catalog]; Wheeler & Marshall, 1995: 1241 [synonymy].

Rachispoda mycophora (Munari, 1995) **comb.n. Distr.:** Afrotropical: Sierra Leone.

Leptocera (Rachispoda) mycophora Munari, 1995a: 113 [both sexes, phylogenetic notes, illustr.]. Type locality: Sierra Leone, W.A., Regent. HT male (MCNV).

Rachispoda nebulosa (de Meijere, 1916) **comb.n. Distr.:** Oriental: Indonesia (Java).

Limosina nebulosa de Meijere, 1916a: 211 [both sexes]. Type locality: Indonesia, Java, Tjibodas [5,000-6,000 ft]. STs, both sexes (ZMAN).

Leptocera (Rachispoda) nebulosa. - Richards, 1963a: 119 [restituted from synonymy with *Rachispoda subinctipennis* (Brunetti, 1913); generic combination]; Hackman, 1977: 402 [Oriental catalog].

Rachispoda obfuscata (Tucker, 1907) **comb.n. Distr.:** Nearctic: USA (CO).

Limosina obfuscata Tucker, 1907: 103 [female]. Type locality: USA, Colorado, Colorado Springs. HT female (SEMC).

Leptocera obfuscata. - Duda, 1925: 64 [generic combination].

Leptocera (Limosina) obfuscata - Richards, 1965c: 724; subgeneric combination, Nearctic catalog].

Leptocera (Rachispoda) obfuscata. - Roháček, 1991b: 267 [subgeneric combination].

Rachispoda ochrocephala (Munari, 1989) **comb.n. Distr.:** Palaearctic: Italy.

Leptocera (Rachispoda) ochrocephala Munari, 1989a: 70 [female, illustr.]. Type locality: Italy, Volano, Argine Valnova. HT female (MCNV); Roháček, 1991b: 176-178 [redescription, female, phylogenetic notes, illustr.].

Rachispoda octisetosa (Becker, 1903) **comb.n. Distr.:** Afrotropical: Tanzania, ?Zaire; Palaearctic: Egypt.

Limosina octisetosa Becker, 1903b: 127 [original spelling - see note below; female, erroneously stated as both sexes]. Type locality: Egypt, Luxor. Lectotype female, designated by Roháček, 1991b: 197 (ZMHB). - Becker, 1905: 34 [Palaearctic catalog].

Limosina (Collinella) octisetosa. - Duda, 1918: 58 [corrected spelling; subgeneric combination, key].

Leptocera (Collinella) octisetosa. - Duda, 1925: 16, 46 [generic combination, key].

Limosina (Collinellula) octisetosa. - Duda, 1938: 81 [subgeneric combination, redescription].

Collinellula octisetosa. - Vanschuytbroeck, 1951b: 6 [generic combination].

Leptocera (Rachispoda) octisetosa. - Richards, 1980: 622 [subgeneric combination, Afrotropical catalog]; Papp, 1984: 93 [Palaearctic catalog]; Roháček, 1991b: 197-201 [redescription, both sexes, phylogenetic notes, illustr.].

Note: The original spelling "*octisetosa*" was only found in Becker (1903b, 1905). All subsequent authors used the corrected spelling "*octisetosa*" which is therefore preserved in accordance with Art. 33.3.1. of the Code (ICZN, 1999). It was used in 14 papers - besides those listed above also by Duda (1922), Frey (1945), Vanschuytbroeck (1950a,b, 1970), Papp & Roháček (1987) and Munari (1995a).

Rachispoda omega (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: USA (CO).

Leptocera omega Sabrosky, 1949: 21 [male, illustr.]. Type locality: USA, Colorado, Pingree Park, W of Ft. Collins. HT male (USNM).

Leptocera (Rachispoda) omega. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda opinata (Roháček, 1991) **comb.n. Distr.:** Palaearctic: Czech Republic, Great Britain, Hungary, Slovakia.

Leptocera (Rachispoda) opinata Roháček, 1991b: 131 [both sexes, phylogenetic notes, illustr.]. Type locality: Slovakia, Búč (distr. Komárno). HT male (SMOC).

Rachispoda oreadis Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Venezuela.

Rachispoda oreadis Wheeler in Wheeler & Marshall, 1995: 1268 [both sexes, illustr.]. Type locality: Venezuela, Mérida, Mucuchíes Trail, 5 km S Paramo near lake [4,000 m]. HT male (CNCI).

- Rachispoda paludicola*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Dominica, Dominican Republic, Guadeloupe, Grenada, Panama, Puerto Rico, St. Lucia.
Rachispoda paludicola Wheeler in Wheeler & Marshall, 1995: 1225 [both sexes, illustr.]. Type locality: Dominica, Cabrit Swamp. HT male (USNM).
- Rachispoda papuana*** (Richards, 1973) **comb.n. Distr.:** Australasian/Oceanian: Australia (QLD), Papua New Guinea.
Leptocera (Rachispoda) papuana Richards, 1973: 308 [both sexes, illustr.]. Type locality: Papua New Guinea, Bainyik (AMSA). - Marshall, 1989b: 604 [Australasian/Oceanian catalog].
- Rachispoda paralutosa*** (Papp, 1973) **comb.n. Distr.:** Palaearctic: Mongolia.
Leptocera (Rachispoda) paralutosa Papp, 1973a: 421 [both sexes, phylogenetic notes, illustr.]. Type locality: Mongolia, Suchebaator aimak, 15 km N from Somon Erdenezagan [950 m]. HT male (HNHM). - Papp, 1984: 93 [Palaearctic catalog].
- Rachispoda pectinata*** Wheeler, 1995. **Distr.:** Nearctic: Canada (AB, BC), USA (CA, ID, MT, OR, UT, WA, WY); Neotropical: Mexico (BCN).
Rachispoda pectinata Wheeler, 1995: 193 [both sexes, illustr.]. Type locality: USA, California, Lassen Co., 1.6 km E Eagle Lk. Field Station, 37 km N Susanville [1,585 m]. HT male (CASC).
- Rachispoda pereger*** Wheeler, 1995. **Distr.:** Neotropical: Chile, Peru.
Rachispoda pereger Wheeler, 1995: 195 [both sexes, illustr.]. Type locality: Peru, Lima, Rimac valley. HT male (BMNH).
- Rachispoda persica*** (Roháček, 1993) **comb.n. Distr.:** Palaearctic: Iran.
Leptocera (Rachispoda) persica Roháček, 1993a: 108 [male, phylogenetic notes, illustr.]. Type locality: Iran, Qars-i-Shirin. HT male (MCNV).
- Rachispoda pluriseta*** (Duda, 1925). **Distr.:** Neotropical: Bolivia.
Leptocera (Collinella) pluriseta Duda, 1925: 45 [both sexes]. Type locality: Bolivia, Guaqui, Titicaca lake. LT male, designated by Wheeler & Marshall, 1995: 1244 (SMTD).
Leptocera (Rachispoda) pluriseta. - Richards, 1931: 62 [subgeneric combination]; Richards, 1967b: 10 [Neotropical catalog].
Rachispoda pluriseta. - Wheeler & Marshall, 1995: 1243-1245 [generic combination, redescription, illustr.].
- Rachispoda praealta*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.
Rachispoda praealta Wheeler in Wheeler & Marshall, 1995: 1298 [both sexes, illustr.]. Type locality: Ecuador, Napo, Quito-Baeza Pass [4,000 ft]. HT male (CNCI).
- Rachispoda praeapicalis*** (Papp, 1979) **comb.n. Distr.:** Palaearctic: Russia (FE).
Leptocera (Rachispoda) praeapicalis Papp, 1979c: 227 [both sexes, phylogenetic notes, illustr.]. Type locality: Russia, Far East, Habarovsk kraj, P. Osipenko. HT male (IZBE). - Papp, 1984: 93 [Palaearctic catalog].
Leptocera (Rachispoda) preapicalis. - Roháček, 1991b: 268 [misspelling].
- Rachispoda promissa*** (Duda, 1925) **comb.n. Distr.:** Afrotropical: South Africa.
Leptocera (Collinella) promissa Duda, 1925: 23 [both sexes]. Type locality: South Africa, Transvaal, Pretoria. STs (HNHM).
Collinellula promissa. - Hackman, 1965a: 496 [generic combination].
Leptocera (Rachispoda) promissa. - Richards, 1980: 622 [subgeneric combination; Afrotropical catalog].

Rachispoda pseudocilifera (Papp, 1974) **comb.n. Distr.:** Palaearctic: Mongolia, Russia (ES).

Leptocera (Rachispoda) pseudocilifera Papp, 1974d: 266 [both sexes, illustr.]. Type locality: Mongolia, Central aimak, Ulan-Baator, Nucht in Bodo-ul. [1,500 m]. HT male (HNHM). - Papp, 1984: 93 [Palaearctic catalog]; Roháček, 1993a: 104 [phylogenetic notes].

Rachispoda pseudohostica (Duda, 1924) **comb.n. Distr.:** Afrotropical: record from Zaire very doubtful; Palaearctic: Austria, Czech Republic, Hungary, Italy, Mongolia, Roumania, Russia (FE), Slovakia.

Limosina (Collinella) pseudohostica Duda, 1924b: 172 [both sexes]. Type locality: Hungary, Gyón. LT male, designated by Roháček, 1991b: 188 (HNHM).

Leptocera (Collinella) pseudohostica. - Duda, 1925: 17 [generic combination].

Limosina (Collinellula) pseudohostica. - Duda, 1938: 81 [subgeneric combination, redescription].

Collinellula pseudohostica. - Vanschuytbroeck, 1970: 265 [generic combination].

Leptocera (Rachispoda) pseudohostica. - Papp, 1973c: 70 [subgeneric combination, key]; Papp, 1984: 93 [Palaearctic catalog]; Roháček, 1991b: 188-192 [redescription, phylogenetic notes, illustr.].

Rachispoda pseudoctisetosa (Duda, 1925) **comb.n. Distr.:** Afrotropical: Ethiopia, Madagascar, Tanzania, Zaire; Australasian/Oceanian: Australia (QLD); Oriental: Burma, Indonesia (Java), Philippines, Sri Lanka, Taiwan.

Leptocera (Collinella) pseudoctisetosa Duda, 1925: 27 [both sexes]. Type localities: Taiwan, Tainan; Australia, Queensland, Brisbane; Java, Batavia and Semarang; Philippines, Los Baños. STs (HNHM, ZMAN, MSNM).

Leptocera (Rachispoda) pseudoctisetosa. - Richards, 1938: 384 [subgeneric combination]; Richards, 1973: 308 [subgeneric combination]. - Richards, 1980: 621 [Afrotropical catalog]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Collinellula pseudoctisetosa. - Vanschuytbroeck, 1962a: 472 [misspelling, generic combination].

Leptocera (Rachispoda) pseudoctisetosa. - Hackman, 1977: 402 [misspelling; Oriental catalog].

Rachispoda quadrilineata (de Meijere, 1918) **comb.n. Distr.:** Oriental: Indonesia (Java).

Limosina quadrilineata de Meijere, 1918: 324 [nom.n. for *Limosina ornata* de Meijere, 1914]. Type locality: Java, Batavia. - de Jong, 2000: 183 [catalog of types].

Limosina ornata de Meijere, 1914: 270 [a primary junior homonym of *Limosina ornata* de Meijere, 1908 = *Poecilosomella borboroides* (F. Walker, 1860); sex not given]. Type locality: Java, Batavia. LT female, designated by Roháček (see p. 38) (ZMAN). - de Meijere, 1918: 324 [homonymy]; de Jong, 2000: 159 [catalog of types].

Rachispoda quadriseta (Duda, 1938) **comb.n. Distr.:** Mongolia, Russia (ES).

Limosina (Collinellula) quadriseta Duda, 1938: 81 [both sexes]. Type localities: Russia, Siberia, "Kirchdorf Ust-Kut, link. Ufer d. ober. Lena", "Chochur-Tjordjo, bei Amge, Umgebung von Jakutsk", "Turannach, Weg zum Amge-Bach, Umgebung von Jakutsk", "12 Werst oberh. Kirensk, link. Lena Ufer", "Ljutenge, am Wege nach dem Fluß Amge Jakut". STs (ZISP).

Leptocera (Rachispoda) quadriseta. - Papp, 1973a: 422 [generic combination]; Papp, 1984: 93 [Palaearctic catalog].

- Rachispoda recavisterna*** Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Mexico (CHI).
Rachispoda recavisterna Wheeler in Wheeler & Marshall, 1995: 1270 [both sexes, illustr.].
 Type locality: Mexico, Chiapas, 12 mi SE San Cristóbal. HT male (CNCI).
- Rachispoda rhizophora*** Wheeler, 1995. **Distr.:** Neotropical: Dominican Republic, Jamaica, Puerto Rico.
Rachispoda rhizophora Wheeler, 1995: 197 [both sexes, illustr.]. Type locality: Puerto Rico, Guanica. HT male (CNCI).
- Rachispoda richardsi*** (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: Canada (ON), USA (AZ, CA, FL, IN, KS, LA, MD, MI, NM, NV, TX).
Leptocera richardsi Sabrosky, 1949: 18 [both sexes, illustr.]. Type locality: USA, Kansas, Manhattan. HT male (USNM).
Leptocera (Rachispoda) richardsi. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].
- Rachispoda rutshuruensis*** (Vanschuytbroeck, 1950) **comb.n. Distr.:** Afrotropical: Zaire.
Limosina (Collinellula) rutshuruensis Vanschuytbroeck, 1950a: 21 [male]. Type locality: Zaire, Rutshuru. HT male (MRAC).
Collinellula rutshuruensis. - Vanschuytbroeck, 1951b: 6 [generic combination].
Leptocera (Rachispoda) rutshuruensis. - Richards, 1980: 622 [generic combination, Afrotropical catalog].
- Rachispoda sajanica*** (Papp, 1979) **comb.n. Distr.:** Palaearctic: Russia (WS).
Leptocera (Rachispoda) sajanica Papp, 1979c: 229 [both sexes, illustr.]. Type locality: Russia: Khargin, 6 km E Kyren Sajany. HT male (ZISP). - Papp, 1984: 93 [Palaearctic catalog].
- Rachispoda sauteri*** (Duda, 1925) **comb.n. Distr.:** Oriental: Taiwan.
Leptocera (Collinella) sauteri Duda, 1925: 26 [both sexes]. Type locality: Taiwan, Chip Chip. STs, both sexes (HNHM).
Leptocera (Rachispoda) sauteri. - Hackman, 1977: 402 [subgeneric combination, Oriental catalog].
- Rachispoda schildi*** (Spuler, 1924). **Distr.:** Neotropical: Costa Rica.
Leptocera (Collinella) schildi Spuler, 1924b: 111 [male, illustr.]. Type locality: Costa Rica, La Suiza de Turrialba. HT male (USNM).
Leptocera (Rachispoda) schildi. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].
Rachispoda schildi. - Wheeler & Marshall, 1995: 1272-1273 [generic combination, redescription, both sexes, illustr.].
- Rachispoda scotti*** (Richards, 1939) **comb.n. Distr.:** Afrotropical: Ethiopia.
Leptocera (Rachispoda) scotti Richards, 1939: 68 [male]. Type locality: Ethiopia, Mt. Chillálo [12,000-13,000 ft]. HT male (BMNH). - Richards, 1980: 622 [Afrotropical catalog].
- Rachispoda segem*** (Roháček, 1991) **comb.n. Distr.:** Palaearctic: Austria, Bulgaria, Czech Republic, Hungary, Italy, Poland, Russia (NET), Slovakia, Spain.
Leptocera (Rachispoda) segem Roháček, 1991: 127 [both sexes, phylogenetic notes, illustr.].
 Type locality: Slovakia, Snina env., shore of Cirocha river. HT male (SMOC).
Leptocera (Rachispoda) ciliifera. - Hackman, 1972: 87 [misspelling, misidentification].

Rachispoda spatulata Wheeler, 1995. **Distr.:** Nearctic: Canada (AB, BC), USA (AZ, CA, CO, NM, NV, OR, WA); Neotropical: Mexico (BCN, BCS, CHU, MEX, SON).

Rachispoda spatulata Wheeler, 1995: 222 [both sexes, illustr.]. Type locality: USA, California, Salton, Mecca. HT male (CNCL).

Rachispoda spinicaudata (Papp, 1973) **comb.n. Distr.:** Palaearctic: Mongolia.

Leptocera (Rachispoda) spinicaudata Papp, 1973a: 422 [both sexes, illustr.]. Type locality: Mongolia, Gobi Altaj aimak, Mongol els, 10 km SE from Somon Chechmort [1,600 m]. HT female (HNHM). - Papp, 1984: 94 [Palaearctic catalog].

Rachispoda spinisterna (Papp, 1974) **comb.n. Distr.:** Palaearctic: Mongolia.

Leptocera (Rachispoda) spinisterna Papp, 1974d: 266 [female, illustr.]. Type locality: Mongolia, South Gobi aimak, near Dund-Gol. HT female (ZISP). - Papp, 1984: 94 [Palaearctic catalog].

Rachispoda spuleri (Sabrosky, 1949). **Distr.:** Nearctic: USA (AR, DC, FL, GA, IN, KS, LA, MA, MD, MO, MS, NC, PA, TX, VA); Neotropical: Guatemala, Mexico (CHI, TAB, VRC).

Leptocera spuleri Sabrosky, 1949: 8 [both sexes, illustr.]. Type locality: USA, Louisiana, Many. HT male (USNM).

Leptocera (Rachispoda) spuleri. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog]; Richards, 1967b: 10 [Neotropical catalog].

Rachispoda spuleri. - Wheeler & Marshall, 1995: 1227-1229 [generic combination, redescription, illustr.].

Leptocera (Collinella) trochanteratus. - Spuler, 1924b: 112 [incorrect name termination, misidentification, nec *Limosina trochanteratus* Malloch, 1913]. - Sabrosky, 1949: 8 [synonymy].

Rachispoda striata (Duda, 1925). **Distr.:** Neotropical: Argentina, Chile, Paraguay, Peru.

Leptocera (Collinella) striata Duda, 1925: 32 [both sexes]. Type locality: Chile, Los Andes [800 m]. LT male, designated by Wheeler & Marshall, 1995: 1275 (SMTD).

Leptocera (Rachispoda) striata. - Richards, 1931: 62 [subgeneric combination]; Richards, 1967b: 10 [Neotropical catalog].

Rachispoda striata. - Wheeler & Marshall, 1995: 1273-1275 [generic combination, redescription, illustr.].

Rachispoda suberecta (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: USA (CA, CO, WA).

Leptocera suberecta Sabrosky, 1949: 20 [male, illustr.]. Type locality: USA, Colorado, Pingree Park, west of Ft. Collins. HT male (USNM).

Leptocera (Rachispoda) suberecta. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda subpiligera (Malloch, 1914). **Distr.:** Nearctic: Canada (NS, ON, QC), USA (OR, NH, NY, PA).

Leptocera (Limosina) subpiligera Malloch, 1914c: 176 [male]. Type locality: USA, Pennsylvania, Hazleton. HT male (ANSP).

Leptocera (Collinella) subpiligera. - Duda, 1925: 15, 22 [subgeneric combination, redescription, key].

Leptocera (Rachispoda) subpiligera. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda subpiligera. - Wheeler, 1992b: 730-735 [generic combination, gynandromorph, illustr.].

Rachispoda subsolana Wheeler, 1995. **Distr.:** Nearctic: Canada (ON), USA (AL, AR, FL, GA, IN, KS, LA, MS, NC, NJ, NY, TX); Neotropical: Bermuda.

Rachispoda subsolana Wheeler, 1995: 199 [both sexes, illustr.]. Type locality: USA, Indiana, Randolph Co., Lynn. HT male (CNCI).

Rachispoda subtinctipennis (Brunetti, 1913) **comb.n. Distr.:** Afrotropical: Cape Verde Is., Ethiopia, Madagascar, South Africa, Tanzania; Australasian/Oceanian: Micronesia (Yap Is.), Palau (USA), Solomon Is.; Oriental: Indonesia (Java), India (Assam), Nepal, Philippines, Sri Lanka, Taiwan, Vietnam; Palaearctic: Japan; South Atlantic: Saint Helena. **Note:** All extra-Oriental records are to be verified.

Limosina subtinctipennis Brunetti, 1913: 174 [sex not stated]. Type locality: India, Assam, Dibrugarh. HT, sex unknown (IMCI, lost ?).

Leptocera (Collinella) subtinctipennis. - Duda, 1925: 37 [generic combination, redescription, illustr.].

Leptocera (Rachispoda) subtinctipennis. - Richards, 1938a: 384 [subgeneric combination]; Richards, 1963a: 118 (redescription, illustr.); Hackman, 1977: 402 [Oriental catalog]; Richards, 1980: 622 [Afrotropical catalog]; Papp, 1984: 94 [Palaearctic catalog]; Hayashi, 1986a: 117, 119 [key, illustr.]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Collinellula subtinctipennis. - Hackman, 1958a: 37 [generic combination].

Limosina (Paracollinella) subtinctipennis. - Vanschuytbroeck, 1962a: 8 [subgeneric combination].

Collinellula subtectipennis. - Vanschuytbroeck, 1970: 265 [misspelling].

Rachispoda subulata Wheeler, 1995. **Distr.:** Nearctic: USA (CA); Neotropical: Mexico (BCN).

Rachispoda subulata Wheeler, 1995: 201. Type locality: Mexico, Baja California, 3.2 km S Rosarito, 1.6 km N km 58 on Mex. Hwy 1. HT male (CASC).

Rachispoda synoria Wheeler in Wheeler & Marshall, 1995. **Distr.:** Nearctic: USA (AZ, NM, TX); Neotropical: Guatemala, Mexico (AGC, BCN, DUR, HID, JAL, MOR, SON).

Rachispoda synoria Wheeler in Wheeler & Marshall, 1995: 1275 [both sexes, illustr.]. Type locality: USA, Texas, near Sinton, Welder Wildlife Refuge. HT male (CNCI).

Rachispoda tenaculata (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: USA (CA, WA).

Leptocera tenaculata Sabrosky, 1949: 16 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, California, Smith River. HT male (USNM).

Leptocera (Rachispoda) tenaculata. - Richards, 1965c: 721 [subgeneric combination, Nearctic catalog].

Rachispoda territorialis (Richards, 1973) **comb.n. Distr.:** Australasian/Oceanian: Australia (QLD), Papua New Guinea.

Leptocera (Rachispoda) territorialis Richards, 1973: 313 [both sexes, phylogenetic notes, illustr.]. Type locality: Papua New Guinea, Baiyik. HT male [AMSA]. - Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Rachispoda thaliathrix Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina.

Rachispoda thaliathrix Wheeler in Wheeler & Marshall, 1995: 1245 [both sexes, illustr.]. Type locality: Argentina, Catamarca, 4 km N Santa María [1,700 m]. HT male (CNCI).

Rachispoda thermastris Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.

Rachispoda thermastris Wheeler in Wheeler & Marshall, 1995: 1278 [both sexes, illustr.]. Type locality: Ecuador, Carchi, Los Duendes [2,000 m]. HT male (CNCI).

Rachispoda trichopyga Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Argentina.

Rachispoda trichopyga Wheeler in Wheeler & Marshall, 1995: 1280 [male, illustr.]. Type locality: Argentina, Catamarca, Ao. El Pintado, S La Viña [650 m]. HT male (CNCI).

Rachispoda trifascigera (Malloch, 1928) **comb.n.** **Distr.:** Australasian/Oceanian: Australia (QLD).

Leptocera (Collinella) trifascigera Malloch, 1928: 326 [female, illustr.]. Type locality: Australia, Queensland, Mt. Molloy. HT female (location unknown, probably lost - Lee et al. 1955: 338).

Leptocera (Rachispoda) trifascigera. - Richards, 1973: 315 [subgeneric combination]; Marshall, 1989b: 604 [Australasian/Oceanian catalog].

Rachispoda trigonata (Spuler, 1924). **Distr.:** Neotropical: Costa Rica.

Leptocera (Collinella) trigonata Spuler, 1924b: 109 [both sexes, illustr.]. Type locality: Costa Rica, La Suiza de Turrialba. HT male (USNM).

Leptocera (Rachispoda) trigonata. - Richards, 1967b: 10 [subgeneric combination, Neotropical catalog].

Rachispoda trigonata. - Wheeler & Marshall, 1995: 1281-1283 [generic combination, redescription, illustr.].

Rachispoda trochanterata (Malloch, 1913). **Distr.:** Nearctic: Canada (ON), USA (FL, LA, OK, TN, TX, VA); Neotropical: Mexico (DUR).

Limosina trochanteratus Malloch, 1913b: 462 [male, incorrect name termination]. Type locality: USA, Virginia, Rosslyn. HT male (USNM).

Leptocera trochanterata. - Duda, 1925: 36 [generic combination].

Leptocera (Collinella) trochanteratus. - Duda, 1925: 64 [incorrect spelling]. **Note:** Duda (1925) says that *L. trochanterata* is either a *Collinella* or a *Paracollinella*.

Leptocera (Rachispoda) trochanterata. - Richards, 1965c: 722 [subgeneric combination, Nearctic catalog].

Rachispoda trochanterata. - Wheeler & Marshall, 1995: 1283-1285 [generic combination, redescription, both sexes, illustr.].

Rachispoda tuberosa (Duda, 1938) **comb.n.** **Distr.:** Palaearctic: Czech Republic, Estonia, Germany, Hungary, Latvia, Poland.

Limosina (Collinellula) tuberosa Duda, 1938: 83 [both sexes]. Type locality: Poland, Silesia, Nimptsch (= Niemcza). LT male, designated by Roháček, 1991b: 235 (ZMHB).

Leptocera tuberosa. - Nartshuk, 1970a: 341 [generic combination].

Leptocera (Rachispoda) tuberosa. - Papp, 1973b: 75 [subgeneric combination, key]; Papp, 1984: 94 [Palaearctic catalog]; Roháček, 1991b: 235-239 [both sexes, phylogenetic notes, illustr.].

Limosina (Collinella) anceps. - Duda, 1918: 64 [misidentification; nec *Limosina anceps* Stenhammar, 1855; illustr.].

Rachispoda unca (Roháček, 1993) **comb.n.** **Distr.:** Palaearctic: Russia (ES).

Leptocera (Rachispoda) unca Roháček, 1993a: 112 [male, phylogenetic notes, illustr.]. Type locality: Russia, E. Siberia, Jakutsk. obl., Lena river, Jelanskoje env. HT male (SMOC).

Rachispoda uniseta (Roháček, 1991) **comb.n.** **Distr.:** Palaearctic: Morocco, Tunisia.

Leptocera (Rachispoda) uniseta Roháček, 1991b: 143 [male, phylogenetic notes, illustr.].
Type locality: Tunisia, Ain Draham. HT male (HNHM).

Rachispoda urodela (Sabrosky, 1949) **comb.n. Distr.:** Nearctic: Canada (AB), USA (AZ, CA, CO, ID, KS, NV, WA).

Leptocera urodela Sabrosky, 1949: 18 [both sexes, illustr.]. Type locality: USA, Idaho, Moscow. HT male (USNM).

Leptocera (Rachispoda) urodela. - Richards, 1965c: 722 [subgeneric combination, Nearctic catalog].

Rachispoda varicornis (Strobl, 1900). **Distr.:** Afrotropical: all records doubtful; Palaearctic: Afghanistan, Algeria, Austria, Azores (Portugal), Belgium, Bosnia, Bulgaria, Canary Is. (Spain), Croatia, Egypt, France, Great Britain, Greece (incl. Crete), Hungary, Iran, Iraq, Israel, Italy (incl. Sicily), Malta, Morocco, Portugal, Roumania, Spain, Tadjikistan, Tunisia, Turkey, Uzbekistan.

Limosina limosa var. *varicornis* Strobl, 1900: 69 [both sexes]. Type locality: Spain. LT male, designated by Roháček, 1991b: 255 (NMBA).

Limosina varicornis. - Czerny & Strobl, 1909: 277 [change of status].

Leptocera (Rachispoda) varicornis. - Richards, 1930: 285 [generic combination]; Richards, 1980: 622 [Afrotropical catalog]; Papp, 1984: 94 [Palaearctic catalog]; Roháček, 1991b: 255-260 [redescription, phylogenetic notes, illustr.].

Limosina (Collinellula) varicornis. - Duda, 1938: 83 [subgeneric combination, redescription].

Rachispoda varicornis. - Gatt, 2000: 519 [generic combination].

Limosina Halidayi Collin, 1902: 58 [both sexes]. Type locality: Great Britain, England, Cambs., Kirtling. LT male, designated by Roháček, 1991b: 255 (OXUM). - Czerny & Strobl, 1909: 277 [synonymy].

Limosina (Collinella) Halidayi. - Duda, 1918: 49 [subgeneric combination, redescription].

Leptocera (Collinella) Halidayi. - Duda, 1925: 16 [generic combination].

Collinellula Halidayi. - Vanschuytbroeck, 1951b: 6 [generic combination].

Rachispoda velutina (Séguy, 1933) **comb.n. Distr.:** Afrotropical: South Africa.

Leptocera velutina Séguy, 1933: 45 [male]. Type locality: South Africa, Natal, Durban. HT male (MHNM).

Leptocera (Rachispoda) velutina. - Richards, 1980: 622 [subgeneric combination, Afrotropical catalog].

Rachispoda villosa Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Paraguay.

Rachispoda villosa Wheeler in Wheeler & Marshall, 1995: 1247 [male, illustr.]. Type locality: Paraguay, Depto. Central, San Lorenzo. HT male (USNM).

Rachispoda zygolepis Wheeler in Wheeler & Marshall, 1995. **Distr.:** Neotropical: Ecuador.

Rachispoda zygolepis Wheeler in Wheeler & Marshall, 1995: 1285 [both sexes, illustr.]. Type locality: Ecuador, Azuay, Cuenca [2,200 m]. HT male (CNCI).

Genus *Reunionia* Papp, 1979

Reunionia Papp, 1979e: 367 (feminine). Type species: *Reunionia unica* Papp, 1979, original designation. - Papp, 1979e: 367-368 [diagnosis, taxonomic notes, illustr.].

Reunionia unica Papp, 1979. **Distr.:** Afrotropical: Reunion.

Reunionia unica Papp, 1979e: 367 [male, illustr.]. Type locality: La Réunion, Basse Vallée [700 m]. HT male (MHNG).

Genus *Rudolfina* Roháček, 1987

Rudolfina Roháček, 1987a: 474 (feminine) [nom.n. for *Rudolfia* Roháček, 1982]. Type species: *Limosina rozkosnyi* Roháček, 1975, automatic. - Roháček, 1998a: 483 [diagnosis, illustr.].

Rudolfia Roháček, 1982c: 225 (feminine) [a junior homonym of *Rudolfia* Wilson, 1924 (Crustacea: Copepoda)]. Type species: *Limosina rozkosnyi* Roháček, 1975, monotypy. - Roháček, 1982c: 225 [formal diagnosis, phylogeny]; Roháček, 1983e: 152-154 [full description, phylogenetic notes]; Marshall & Richards, 1987: 999-1000 [diagnosis in key, illustr.]; Roháček, 1987a: 474 [homonymy].

Rudolfina cavernicola Marshall & Fitzgerald, 1997. **Distr.:** Nearctic: USA (AZ, CO).

Rudolfina cavernicola Marshall & Fitzgerald, 1997: 641 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Colorado, Larimer Co., Kremmer's cave, Rt 287,6 mi N of Jct. Rt. 14 [6,000 ft]. HT male (CNCI).

Rudolfina digitata Marshall, 1991. **Distr.:** Nearctic: Canada (AB, YT), USA (AK, CO, NH, WY).

Rudolfina digitata Marshall, 1991a: 621 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Yukon, Dempster Highway, km 28. HT male (CNCI).

Rudolfina opuntiae (Richards, 1967). **Distr.:** Neotropical: Galápagos Is. (Ecuador).

Leptocera (*Trachyopella*) *opuntiae* Richards, 1967c: 531 [both sexes, illustr.]. Type locality: Galápagos Archipelago, Isla Pinta, S coast. HT male (CASC).

Rudolfina opuntiae. - Pitkin, 1989: 33 [generic combination].

Rudolfina prominens (Duda, 1925) **comb.n.** **Distr.:** Neotropical: Paraguay.

Leptocera (*Acuminiseta*) *prominens* Duda, 1925: 124 [both sexes, illustr.]. Type locality: Paraguay, San Bernardino. STs, both sexes (NHMW, SMTD). - Richards, 1967b: 12 [Neotropical catalog].

Note: New World species of *Rudolfina* are under revision; "*Acuminiseta*" does not occur in the New World !

Rudolfina rozkosnyi (Roháček, 1975). **Distr.:** Palaearctic: Austria, Czech Republic, Germany, Norway, Russia (NET), Slovakia, Sweden.

Limosina rozkosnyi Roháček, 1975: 119 [both sexes, taxonomic notes, illustr.]. Type locality: Slovakia, Nízke Tatry Mts., Demänovská dolina. HT male (MMBC). - Papp, 1984: 103 [Palaearctic catalog].

Rudolfia rozkosnyi. - Roháček, 1982c: 225 [generic combination]; Roháček, 1983e: 153-154 [redescription]; Roháček, 1985a: 174-176 [illustr.].

Rudolfina rozkosnyi. - Roháček, 1987a: 474-475 [generic combination, biogeography].

Genus *Sclerocoelus* Marshall, 1995

Sclerocoelus Marshall, 1995: 283 (masculine). Type species: *Limosina sordipes* Adams, 1904, original designation. - Marshall, 1995: 283-284 [diagnosis, taxonomic notes, illustr.]; Mar-

shall, 1997b: 97-115 [diagnosis, *S. galapagensis* group, description, revision, phylogeny, biogeography, key].

Sclerocoelus andensis Marshall, 1997. **Distr.:** Neotropical: Argentina, Bolivia, Venezuela.

Sclerocoelus andensis Marshall, 1997b: 99 [both sexes, taxonomic notes, illustr.]. Type locality: Argentina, Salta, 40 km N Salta, Camino La Cornisa [1,500 m]. HT male (CNCI).

Sclerocoelus brasiliensis Marshall, 1997. **Distr.:** Neotropical: Bolivia, Brazil, Ecuador, Panama.

Sclerocoelus brasiliensis Marshall, 1997b: 100 [both sexes, taxonomic notes, illustr.]. Type locality: Brazil, Paraná, Curitiba. HT male (CNCI).

Sclerocoelus caribensis Marshall, 1997. **Distr.:** Neotropical: Costa Rica, Cuba, Dominica, Dominican Republic, El Salvador, Guatemala, Jamaica, Mexico (CHI, SLP), Puerto Rico, Venezuela.

Sclerocoelus caribensis Marshall, 1997b: 102 [both sexes, taxonomic notes, illustr.]. Type locality: Dominican Republic, near Cabo Rojo, Las Abejas [1,300 m]. HT male (CNCI).

Sclerocoelus clarae (Papp, 1973) **comb.n.** **Distr.:** Palaearctic: Mongolia.

Limosina clarae Papp, 1973a: 388 [both sexes, illustr.]. Type locality: Mongolia, Bulgan aimak, Dasincsilén. HT male (HNHM). - Papp, 1984: 96 [Palaearctic catalog].

Sclerocoelus galapagensis Marshall, 1997. **Distr.:** Neotropical: Galápagos (Ecuador).

Sclerocoelus galapagensis Marshall, 1997b: 103 [both sexes, taxonomic notes, illustr.]. Type locality: Ecuador, Galápagos Is., Sta. Cruz, Los Gemelos [600 m]. HT male (CNCI).

Sclerocoelus hemorrhoidalis Marshall, 1997. **Distr.:** Neotropical: Ecuador, Venezuela.

Sclerocoelus hemorrhoidalis Marshall, 1997b: 104 [both sexes, taxonomic notes, illustr.]. Type locality: Venezuela, Mérida, La Punta, Río Chama. HT male (CNCI).

Sclerocoelus plumiseta (Duda, 1925). **Distr.:** Neotropical: Paraguay.

Leptocera (Scotophilella) plumiseta Duda, 1925: 185 [female]. Type locality: „Paraguay“. HT female (HNHM).

Leptocera (Limosina) plumiseta. - Richards, 1967b: 15 [subgeneric combination, Neotropical catalog].

Sclerocoelus plumiseta. - Marshall, 1995: 284 [generic combination].

Leptocera (Scotophilella) caudata Duda, 1929: 35 [both sexes, illustr.]. Type locality: Paraguay, Trinidad near Asunción. STs, both sexes (SMNS). - Richards, 1967b: 15 [probable synonymy].

Sclerocoelus rectangularis (Malloch, 1914). **Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) rectangularis Malloch, 1914a: 19 [both sexes, illustr.]. Type locality: Costa Rica, Juan Viñas [3,300 ft]. HT female (ANSP).

Leptocera (Scotophilella) rectangularis. - Spuler, 1925c: 151 [subgeneric combination].

Leptocera (Chaetopodella) rectangularis. - Duda, 1925: 147 [subgeneric combination]; Richards, 1967b: 11 [Neotropical catalog].

Chaetopodella rectangularis. - Roháček, 1983e: 114 [generic combination].

Sclerocoelus rectangularis. - Marshall, 2001: 282 [generic combination].

Sclerocoelus regularis (Malloch, 1914). **Distr.:** Neotropical: Costa Rica.

Leptocera (Limosina) regularis Malloch, 1914a: 19 [both sexes?]. Type locality: Costa Rica, Juan Viñas [2,500 ft]. HT male (ANSP). - Richards, 1967b: 15 [Neotropical catalog].

Leptocera (Scotophilella) regularis. - Spuler, 1925c: 151 [subgeneric combination].

Sclerocoelus regularis. - Marshall, 1995: 284 [generic combination].

- Sclerocoelus sordipes*** (Adams, 1904). **Distr.:** Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC, SK), USA (AR, AZ, CA, CO, GA, IL, IN, KS, KY, LA, MA, MO, NC, ND, NH, NM, NY, TN, TX, VA, WA, WI, WV, WY).
Limosina sordipes Adams, 1904: 455 [both sexes]. Type locality: USA, South Dakota, Brookings. LT male, designated by Marshall, 1995: 285 (SEMC).
Leptocera (Limosina) sordipes. - Richards, 1965c: 724 [generic combination, Nearctic catalog].
Sclerocoelus sordipes. - Marshall, 1995: 284-286, 288 [generic combination, redescription, both sexes, illustr.].
Limosina evanescens Tucker, 1907: 102 [both sexes]. Type locality: USA, South Dakota, Brookings. LT male, designated by Marshall, 1995: 285 (SEMC). - Richards, 1965c: 724 [synonymy]. **Note:** The lectotype designation is invalid because lectotype was not chosen from type series but from a series of specimens considered "metatypes" by Tucker (l.c.).
Leptocera (Scotophilella) evanescens. - Spuler, 1925c: 160 [generic combination, diagnosis, illustr.].
- Sclerocoelus subbrevipennis*** (Frey, 1954). **Distr.:** South Atlantic: Tristan da Cunha.
Limosina subbrevipennis Frey, 1954: 35 [female]. Type locality: Tristan da Cunha group, Nightingale I. LT female (MZHf).
Leptocera (Limosina) subbrevipennis. - Richards, 1980: 620 [generic combination; Afrotropical catalog].
Sclerocoelus subbrevipennis. - Marshall, 1997b: 104-106, 115 [generic combination, redescription, both sexes, taxonomic & phylogenetic notes, illustr.].

Genus *Scutelliseta* Richards, 1960

- Scutelliseta* Richards, 1960b: 71 (feminine). Type species: *Scutelliseta coriacea* Richards, 1960, original designation. - Richards, 1965a: 457 [diagnosis in key]; Richards, 1968b: 68-91 [redescription, revision of known species, taxonomic notes, key, illustr.]; Hackman, 1969a: 207 [list, biogeography]; Richards, 1980: 624 [Afrotropical catalog].
- Scutelliseta albicoxa*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta albicoxa Richards, 1968b: 75 [both sexes, illustr.]. Type locality: South Africa, Cape Province, Knysna district, Swart River forest, between George and Knysna. HT male (NMSA). - Richards, 1980: 624 [Afrotropical catalog].
- Scutelliseta bicolorina*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta bicolorina Richards, 1968b: 80 [both sexes, illustr.]. Type locality: South Africa, Natal, district of Bergville, Natal Drakensberg, forest along Oqalweni River [1,800 m]. HT male (NMSA). - Richards, 1980: 624 [Afrotropical catalog].
- Scutelliseta brunneonigra*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta brunneonigra Richards, 1968b: 81 [both sexes]. Type locality: South Africa, Transvaal, Barberton district, Twello forest [1,372 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta caledoniana*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta caledoniana Richards, 1968b: 72 [both sexes, illustr.]. Type locality: South Africa, Cape Province, Caledon district, Sonder End Berg, Oubos to Lindeshof. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].

- Scutelliseta coriacea*** Richards, 1960. **Distr.:** Afrotropical: South Africa.
Scutelliseta coriacea Richards, 1960b: 72 [both sexes, illustr.]. Type locality: South Africa, E. Cape Province, Tzitzikama distr., Storms River Pass [300 ft]. HT male (NMSA). - Richards, 1968b: 77 [partial redescription, male genitalia, illustr.]; Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta leonina*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta leonina Richards, 1968b: 80 [male, illustr.]. Type locality: South Africa, Natal, Lions River district, Howick, above the falls of the Umgeni River. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta lepidogaster*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta lepidogaster Richards, 1968b: 77 [both sexes, illustr.]. Type locality: South Africa, Transvaal, district of Pilgrim's Rest, Mariepskop forest [1,400 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta luteifrons*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta luteifrons Richards, 1968b: 73 [both sexes, illustr.]. Type locality: South Africa, Knysna district, Swart River forest, between George and Knysna. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta megalogaster*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta megalogaster Richards, 1968b: 85 [both sexes]. Type locality: South Africa, Swaziland, near Transvaal border, Pigg's Peak region [1,212 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta mesaptiloides*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta mesaptiloides Richards, 1968b: 70 [both sexes, illustr.]. Type locality: South Africa, Cape Province, east slope of Table Mt., Kirstenbosch [300 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta microptera*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta microptera Richards, 1968b: 83 [both sexes, illustr.]. Type locality: South Africa, Transvaal, district of Pietersberg, Woodbush forest. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta mischogaster*** Norrbom & Kim, 1985. **Distr.:** Afrotropical: South Africa.
Scutelliseta mischogaster Norrbom & Kim, 1985c: 555 [female, illustr.]. Type locality: South Africa, Natal, Pietermaritzburg, Town Bush. HT female (NMSA).
- Scutelliseta nigrocaerulea*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta nigrocaerulea Richards, 1968b: 86 [male, illustr.]. Type locality: South Africa, Transvaal, Pilgrim's Rest district, Graskop forest. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta orbitalis*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta orbitalis Richards, 1968b: 72 [male, illustr.]. Type locality: South Africa, Cape Province, Swellendam district, Grootvadersbos. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta peregrina*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta peregrina Richards, 1968b: 79 [both sexes, illustr.]. Type locality: South Africa, Transvaal, district of Pilgrim's Rest, Mariepskop Forest [1,400 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].
- Scutelliseta procoxalis*** Richards, 1968. **Distr.:** Afrotropical: South Africa.
Scutelliseta procoxalis Richards, 1968b: 87 [both sexes, illustr.]. Type locality: South Africa, Natal, Nongoma district, Ngomi forest. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].

Scutelliseta swaziana Richards, 1968. **Distr.:** Afrotropical: South Africa.

Scutelliseta swaziana Richards, 1968b: 82 [both sexes, illustr.]. Type locality: South Africa, Swaziland, near frontier with Transvaal, Piggs Peak region [1,311 m]. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].

Scutelliseta xanthothorax Richards, 1968. **Distr.:** Afrotropical: South Africa.

Scutelliseta xanthothorax Richards, 1968b: 76 [both sexes, illustr.]. Type locality: South Africa, Cape Province, Humansdorp district, Wit Els Bos, 20 km E of Storms River. HT male (NMSA). - Richards, 1980: 625 [Afrotropical catalog].

Genus *Siphlopteryx* Enderlein, 1908

Siphlopteryx Enderlein, 1908b: 401 (feminine). Type species: *Siphlopteryx antarctica* Enderlein, 1908, monotypy. - Enderlein, 1908b: 401-403 [diagnosis, illustr.]; Séguy, 1940: 250 [diagnosis, illustr.]; Richards, 1955a: 91 [key]; Richards, 1965a: 457 [key]; Hackman, 1969a: 202, 207 [phylogenetic notes, biogeography, illustr.].

Siphlopteryx antarctica Enderlein, 1908. **Distr.:** Subantarctic: Crozet Is.

Siphlopteryx antarctica Enderlein, 1908b: 403 [both sexes ?, illustr.]. Type locality: Possession Island, "Weihnachts-Bucht". STs (ZMHB). - Womersley, 1937: 68, 70 [puparium, illustr.]; Séguy, 1940: 250-252 [redescription, illustr.]; Hackman, 1969a: 202 [male genitalia, illustr.]; Papp, 1983c: 245 [phylogenetic notes]; Tréhen & Vernon, 1982: 108-119 [biology, ecology, distribution].

Genus *Spelobia* Spuler, 1924

Spelobia Spuler, 1924d: 376 (feminine) [as subgenus of *Leptocera* Olivier, 1813]. Type species: *Limosina tenebrarum* Aldrich, 1897, original designation. - Spuler, 1925a: 117 [as subgenus of *Leptocera*; diagnosis, repeated]; Duda, 1938: 24, 95 [as subgenus of *Limosina* Macquart, 1835]; Roháček, 1982c: 223 [as genus, phylogeny]; Roháček, 1983e: 59-98 [new genus concept, diagnosis, revision of European species, key, illustr.]; Marshall, 1985a: 9-100 [as genus, diagnosis, revision of New World species, key, phylogeny, illustr.]; Marshall, 1989b: 606 [as genus; Australasian/Oceanian catalog]; Roháček, 1998a: 489 [as genus; diagnosis in key, illustr.].

Bifronsina: see below as subgenus.

Eulimosina: see below as subgenus.

Subgenus *Bifronsina* Roháček, 1983

Bifronsina Roháček, 1983e: 95 (feminine) [as subgenus of *Spelobia* Spuler, 1924]. Type species: *Limosina bifrons* Stenhammar, 1855, original designation. - Roháček, 1983e: 95-98 [revision of European species, phylogenetic notes, illustr.]; Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Roháček, 1998a: 491 [diagnosis in key, illustr.].

Bifronsina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Bifronsia. - Marshall, 1985a: 18 [as subgenus of *Spelobia*; misspelling, diagnosis]; Marshall & Richards, 1987: 999 [as subgenus of *Spelobia*; misspelling, diagnosis in key]; Poole & Gentili, 1996: 249 [as synonym of *Spelobia*, misspelling].

Spelobia (B.) bifrons (Stenhammar, 1855). **Distr.:** Afrotropical: Madagascar, Seychelles, South Africa, Zaire; Australasian/Oceanian: Australia (ACT, VIC), Bonin Is. (Japan), French Polynesia (Tahiti), Guam (USA), Hawaii (USA), Kiribati (Tarawa Atoll), Marshall Is., Micronesia (Ponape, Yap Is.), North Mariana Is., New Zealand, Niue, Palau (USA); Nearctic: Canada (AB, BC, MB, NB, NS, ON, QC, SK), USA (AZ, CA, CO, DC, FL, IA, IL, IN, KY, MA, MI, NC, OH, OK, OR, SC, TX, WY); Neotropical: Argentina, Barbados, Bermuda, Brazil, Costa Rica, Dominica, Dominican Republic, Ecuador, Galápagos Is. (Ecuador), Jamaica, Mexico (HID), St. Kitts, St. Vincent; Oriental: China (HAI), India (Rajasthan, Uttar Pradesh), Philippines, Taiwan; Palaearctic: Afghanistan, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Great Britain, Hungary, Italy (incl. Sardinia, Sicily), Israel, Japan, Latvia, Madeira (Portugal), Malta, Morocco, Netherlands, Norway, Poland, Roumania, Russia (CET, FE, NET, WS), Slovakia, Slovenia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tadjikistan.

Limosina bifrons Stenhammar, 1855: 401 [both sexes]. Type localities: Sweden, Ostrogothia and Scania. Type material probably lost (not located in Stenhammar's collection - UZIU, Kim 1972a: 206). - Hackman, 1977: 403 [Oriental catalog]; Papp, 1984: 96 [Palaearctic catalog].

Limosina (Limosina) bifrons. - Duda, 1938: 111 [subgeneric combination, illustr.].

Leptocera bifrons. - Tenorio, 1968: 180, 207 [egg, puparium, life-history, illustr.].

Leptocera (Limosina) bifrons. - Okely, 1974: 52-53 [generic combination, puparium, illustr.]; Richards, 1980: 619 [Afrotropical catalog].

Spelobia (Bifronsina) bifrons. - Roháček, 1983e: 96-98 [generic combination, redescription]; Roháček, 1985a: 109-111 [illustr.]; Marshall, 1989b: 606 [Australasian/Oceanian catalog].

Spelobia (Bifronsia) bifrons. - Marshall, 1985a: 19-20 [misspelling, diagnosis, illustr.].

Limosina puerula Rondani, 1880: 34 [both sexes]. Type locality: Czech Republic, Asch (= Aš). LT female, designated by Roháček, 1983e: 96 (MZUF). - Duda, 1938: 111 [synonymy, redescription].

Limosina (Scotophilella) puerula. - Duda, 1918: 154 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) puerula. - Duda, 1925: 162 [generic combination, key].

Leptocera (Scotophilella) elegans Spuler, 1925c: 149 [both sexes, illustr.]. Type locality: Bermuda Islands. HT female (USNM). - Marshall, 1985a: 19 [synonymy].

Leptocera (Limosina) elegans. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog]; Richards, 1967b: 14 [Neotropical catalog].

Leptocera (Limosina) femorina Richards, 1946: 129 [both sexes]. Type locality: Guam, Pago. HT male (USNM). - Richards, 1963a: 125 [taxonomic notes, illustr.]; Marshall, 1989b: 606 [synonymy].

Trachypella ealensis Vanschuytbroeck, 1951b: 15 [both sexes]. Type locality: Zaire, Eala. HT male (ISNB). - Roháček & Marshall, 1986a: 105 [synonymy].

Leptocera (Trachyopella) ealensis. - Richards, 1980: 622 [generic combination, Afrotropical catalog].

Subgenus *Eulimosina* Roháček, 1983

Eulimosina Roháček, 1983e: 64 (feminine) [as subgenus of *Spelobia* Spuler, 1924]. Type species: *Borborus ochripes* Meigen, 1830, original designation. - Roháček, 1983e: 64-66 [revision of European species, phylogenetic notes, illustr.]; Marshall, 1985a: 16 [diagnosis]; Marshall & Richards, 1987: 1003 [diagnosis in key]; Roháček, 1998a: 491 [diagnosis in key, illustr.].

Eulimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Spelobia (E.) ochripes (Meigen, 1830). **Distr.:** Nearctic: Canada (AB, BC, ON, QC, SK), USA (CA, MI, NY); Oriental: Nepal, Pakistan; Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France (incl. Corsica), Germany, Great Britain, Greece, Hungary, Italy, Kazakhstan, Kirghizstan, Latvia, Lithuania, Norway, Macedonia, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (CET, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Yugoslavia (Montenegro).

Borborus ochripes Meigen, 1830: 209 [both sexes]. Type locality: not given. LT male, designated by Roháček, 1983e: 65 (NHMW). - Morge, 1976: Pl. 237, Figs 16a,b [Meigen's original illustr.].

Limosina ochripes. - Haliday, 1836: 329 [generic combination]; Papp, 1984: 100 [Palaearctic catalog].

Limosina (Scotophilella) ochripes. - Duda, 1918: 157 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) ochripes. - Duda, 1925: 162 [generic combination, key].

Leptocera (Limosina) ochripes. - Richards, 1930: 300 [subgeneric combination]; Richards, 1965c: 724 [Nearctic catalog].

Limosina (Limosina) ochripes. - Duda, 1938: 135 [redescription].

Spelobia (Eulimosina) ochripes. - Roháček, 1983e: 65-66 [redescription, phylogenetic notes]; Roháček, 1983f: 213, 215-216 [illustr.]; Marshall, 1985a: 16-18 [diagnosis, phylogenetic notes, illustr.].

Limosina fulviceps Rondani, 1880: 34 [not stated]. Type locality: Denmark. LT male, designated by Roháček, 1983e: 65 (MZUF). - Duda, 1938: 135 [synonymy].

Limosina (Scotophilella) fulviceps. - Duda, 1918: 159 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) fulviceps. - Duda, 1925: 162 [generic combination, key].

Subgenus *Spelobia* Spuler, 1924

Spelobia Spuler, 1924d: 376 (see above under the genus). - Roháček, 1982c: 223 [as subgenus s.str.; phylogeny]; Roháček, 1983e: 67-95 [new concept of the subgenus, diagnosis, revision of European species, key, illustr.]; Marshall, 1985a: 20-100 [as subgenus; diagnosis, revision

of New World species, key, illustr.]; Marshall & Richards, 1987: 1003 [as subgenus; diagnosis in key]; Marshall, 1989b: 606 [as subgenus; Australasian/Oceanian catalog]; Roháček, 1998a: 491 [as subgenus; diagnosis in key, illustr.].

Spelobia (S.) abundans (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC), USA (AZ, CA, CO, ID, NM, OR, UT, WY).

Leptocera (Scotophilella) abundans Spuler, 1925c: 151 [both sexes, illustr.]. Type locality: USA, Idaho, Moscow. HT female (USNM).

Leptocera (Limosina) abundans. - Richards, 1965c: 723 [subgeneric combination, Nearctic catalog].

Spelobia (Spelobia) abundans. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985: 73 [redescription, phylogenetic notes, illustr.].

Spelobia (S.) acadensis Marshall, 1985. **Distr.:** Nearctic: Canada (NB, ON).

Spelobia (Spelobia) acadensis Marshall, 1985a: 77 [male, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Alfred, Alfred bog. HT male (CNCI).

Spelobia (S.) aciculata Marshall, 1985. **Distr.:** Neotropical: Mexico (CHI, OXA).

Spelobia (Spelobia) aciculata Marshall, 1985a: 59 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Chiapas, 4 m W San Cristóbal de las Casas [7,900 ft]. HT male (CNCI).

Spelobia (S.) algida Marshall, 1989. **Distr.:** Nearctic: Canada (ON, YT), USA (AK, NH).

Spelobia algida Marshall, 1989a: 13 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Algonquin Provincial Park, E of Kearney, Jubilee Lake. HT male (CNCI).

Spelobia (S.) baezi (Papp, 1977). **Distr.:** Palaearctic: Andorra, Canary Is. (Spain), Great Britain (England), Italy (Sardinia, Sicily), Morocco, Spain.

Limosina baezi Papp, 1977b: 124 [male, illustr.]. Type locality: Spain, Canary Islands, Tenerife, El Socorro. HT male (ULCI). - Papp, 1984: 96 [Palaearctic catalog].

Spelobia (Spelobia) baezi. - Roháček, 1983e: 72-73 [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1983f: 221-224 [illustr.].

Spelobia (S.) beadyi Marshall, 1985. **Distr.:** Neotropical: Mexico (DUR).

Spelobia (Spelobia) beadyi Marshall, 1985a: 48 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Durango, "10 mi 2. E Salto" [9,000 ft]. HT male (CNCI).

Spelobia (S.) belanica Roháček, 1983. **Distr.:** Palaearctic: Czech Republic, Denmark, Hungary, Slovakia, Sweden.

Spelobia (Spelobia) belanica Roháček, 1983e: 92 [both sexes, phylogenetic notes, illustr.]. Type locality: Slovakia, Belanské Tatry Mts., Tatranská Kotlina-Šarpanec. HT male (JRO). - Roháček, 1985a: 101-102 [illustr.]; Roháček, 1996: 224-225 [redescription, female, illustr.].

Spelobia (S.) bispina Marshall, 1985. **Distr.:** Nearctic: Canada (MB); Palaearctic: Russia (ES), Sweden.

Spelobia (Spelobia) bispina Marshall, 1985a: 30 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Manitoba, Warkworth Cr., near Churchill. HT male (CNCI).

Spelobia (S.) brevipteryx Marshall, 1985. **Distr.:** Nearctic: Canada (MB, NB, ON, QC); USA (IL, IN, MA, MN, NH, NY, PA).

Spelobia (Spelobia) brevipteryx Marshall, 1985a: 68 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Cookstown. HT male (CNCI).

Spelobia (S.) brunealata Marshall, 1985. **Distr.:** Neotropical: Mexico (MEX).

Spelobia (Spelobia) brunealata Marshall, 1985a: 60 [both sexes, phylogenetic notes, illustr.].
Type locality: Mexico, México, Toluca, "Nevada de Toluca" = Nevado de Toluca. HT male (CNCI).

Spelobia (S.) brunneiptera (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina brunneiptera Papp, 1973a: 387 [both sexes, illustr.]. Type locality: Mongolia, Chövsgöl aimak, 6 km WNW Somon Tosoncengel [1,480 m]. HT male (HNHM). - Papp, 1984: 96 [Palaearctic catalog].

Spelobia (Spelobia) brunneiptera. - Roháček, 1983e: 68 [generic combination, misspelling].

Spelobia (S.) bumamma Marshall, 1985. **Distr.:** Nearctic: Canada (BC, NB, NS, ON, QC), USA (NC, NH, OR, TN, WA).

Spelobia (Spelobia) bumamma Marshall, 1985a: 65 [both sexes, phylogenetic notes, illustr.].
Type locality: USA, North Carolina, Swain Co., NE slope Mt. Collins [5,900 ft]. HT male (CNCI).

Spelobia (S.) cambrica (Richards, 1929). **Distr.:** Palaearctic: Czech Republic, Finland, Great Britain, Ireland, North Korea, Norway, Russia (ES, WS), Slovakia, Sweden, Switzerland.

Leptocera cambrica Richards, 1929: 174 [both sexes]. Type locality: Great Britain, Wales, Brecon, Hepster Valley. HT male (BMNH).

Leptocera (Limosina) cambrica. - Richards, 1930: 302 [subgeneric combination, illustr.].

Limosina (Limosina) cambrica. - Duda, 1938: 113 [generic combination].

Spelobia (Spelobia) cambrica. - Roháček, 1983e: 94-95. [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1985a: 106-108 [illustr.].

Limosina cambrica. - Papp, 1984: 96 [Palaearctic catalog].

Spelobia (S.) clunipes (Meigen, 1830). **Distr.:** Nearctic: Canada (AB, BC, NB, NF, NS, ON, QC, YT), USA (AK, AR, AZ, CA, GA, IA, ID, IL, IN, KS, MD, MT, NC, NH, NJ, NY, OH, OR, PA, SD, TN, UT, VA, VT, WA, WI, WV, WY); Palaearctic: Afghanistan, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, China (China (HEB, TIB, XIN), Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Hungary, Iceland, Ireland, Italy (incl. Sicily), Latvia, Lithuania, Macedonia, Mongolia, Netherlands, Norway, Poland, Portugal, Roumania, Russia (CET, FE, NET, SET, WS), Slovakia, Slovenia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Ukraine, Uzbekistan, Yugoslavia (Montenegro, Serbia).

Borborus clunipes Meigen, 1830: 208 [? sex]. Type locality: not given (? Germany). LT male, designated by Roháček, 1983e: 68 (NHMW). - Morge, 1976: Pl. 163, Figs 13a,b [Meigen's original illustr.].

Limosina (Scotophilella) crassimana var. *clunipes*. - Duda, 1918: 170 [generic combination, redescription, illustr.].

Leptocera (Scotophilella) crassimana var. *clunipes*. - Duda, 1925: 162 [generic combination].

Limosina (Limosina) clunipes. - Duda, 1938: 115 [subgeneric combination, redescription, illustr.].

Leptocera (Limosina) clunipes. - Okely, 1974: 52-53 [variability of puparium]; Richards, 1980: 620 [Afrotropical catalog].

Spelobia (Spelobia) clunipes. - Roháček, 1983e: 68-70 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 217-221 [illustr.]; Marshall, 1985a: 83 [redescription, illustr.].

Limosina clunipes. - Papp, 1984: 97 [Palaearctic catalog].

- Limosina crassimana* Haliday, 1936: 328 [both sexes]. Type locality: Ireland. LT male, designated by Roháček, 1983e: 68 (NMID). - Duda, 1938: 115 [synonymy]; Laurence 1955a: 189 [biology, preimaginal stages, illustr.].
- Limosina crassimanus*. - Aldrich, 1905: 575 [incorrect name termination].
- Limosina (Scotophilella) crassimana*. - Duda, 1918: 167 [subgeneric combination, redescription].
- Leptocera crassimana*. - Spuler in Cole & Lovett, 1921: 319 [generic combination].
- Leptocera (Scotophilella) crassimana*. - Spuler, 1925c: 157 [subgeneric combination].
- Leptocera (Limosina) crassimana*. - Richards, 1930: 301 [subgeneric combination]; Richards, 1965c: 723 [Nearctic catalog].
- Leptocera crassimana*. - Goddard, 1938: 244-245 [puparium, illustr.].
- Copromyza pygmaea* Zetterstedt, 1838: 771 [sex not stated]. Type localities: Sweden, Lapponia Tornensi, Lapponia Umensi, Stensele. None of the alleged syntypes (MZLU) corresponds with the original description and, therefore no lectotype was designated (cf. Roháček, 1983e: 68). - Zetterstedt, 1860: 6415 [synonymy].
- Limosina nigrinervis* Dahl, 1909: 374 [female]. Type locality: Germany, Brandenburg, Plägefenn (Plagesee) bei Chorin. HT female (ZMHB). - Duda, 1918: 167 [synonymy].
- Spelobia (S.) costalis* (Becker, 1920) comb.n. Distr.:** Nearctic: USA (NM); Neotropical: Colombia, Costa Rica, Ecuador, Mexico (CHI, MEX, PUE, SLP, VRC), Panama, Venezuela.
- Limosina costalis* Becker, 1920: 182 [female]. Type locality: Ecuador, Cuenca [2,532 m]. HT female (MNHN).
- Leptocera (Pterogramma) costalis*. - Richards, 1967b: 12 [generic combination, Neotropical catalog].
- Spelobia (Spelobia) pulliforma* Marshall, 1985a: 20 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Veracruz, 10 mi SW Teocelo [4,400 ft]. HT male (CNCI). - **syn.n.** (see p. 23).
- Spelobia (S.) curvata* Marshall, 1985. Distr.:** Nearctic: USA (NM).
- Spelobia (Spelobia) curvata* Marshall, 1985a: 58 [both sexes, illustr.]. Type locality: USA, New Mexico, Gallinas Peak, 10 mi W Corona [8,600 ft]. HT male (CNCI).
- Spelobia (S.) curvipecta* Marshall, 1985. Distr.:** Nearctic: USA (CO).
- Spelobia (Spelobia) curvipecta* Marshall, 1985a: 44 [male, phylogenetic notes, illustr.]. Type locality: USA, Colorado, Doolittle Ranch, Mt. Evans [9,800 ft]. HT male (CNCI).
- Spelobia (S.) czizeki* (Duda, 1918). Distr.:** Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Germany, Hungary, Italy, Roumania, Russia (NET, SET), Slovakia, Spain.
- Limosina (Scotophilella) Czizeki* Duda, 1918: 176 [both sexes, illustr.]. Type locality: Czech Republic, Moravský kras, Wypustek (= Výpustek) cave. LT male, designated by Roháček, 1983e: 77 (MMBC).
- Leptocera (Scotophilella) Czizeki*. - Duda, 1925: 163 [generic combination].
- Limosina (Limosina) Czizeki*. - Duda, 1938: 118 [subgeneric combination, redescription].
- Spelobia (Spelobia) czizeki*. - Roháček, 1983e: 77-78 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 229-231 [illustr.].
- Limosina czizeki*. - Papp, 1984: 97 [Palaearctic catalog].
- Spelobia (S.) depilicercus* Marshall, 1985. Distr.:** Nearctic: USA (AZ, CA).
- Spelobia (Spelobia) depilicercus* Marshall, 1985a: 26 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, California, Marin Co., San Anselmo. HT male (CNCI).

Spelobia (S.) divergens (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina divergens Papp, 1973a: 390 [female, illustr.]. Type locality: Mongolia, Bulgan aimak, Namnan ul Mts., 23 km NW Somon Chutag [1,150 m]. HT female (HNHM). - Papp, 1974d: 257 [male]; Papp, 1984: 97 [Palaearctic catalog].

Spelobia (Spelobia) divergens. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) dudai (Papp, 1978). **Distr.:** Oriental: Indonesia (Sumatra); Palaearctic: Afghanistan.

Limosina dudai Papp, 1978a: 156 [both sexes, phylogenetic notes]. Type locality: Afghanistan, Prov. Nangarhar, Band-e Darunta [590 m]. HT male (HNHM). - Papp, 1984: 98 [Palaearctic catalog].

Spelobia (Spelobia) dudai. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) duplisetaria (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina duplisetaria Papp, 1973: 391 [female, phylogenetic notes]. Type locality: Mongolia, Gobi Altaj aimak, Baga nuurun erd els, at SE end of Döröö nuur (lake) [1,200 m]. HT female (HNHM). - Papp, 1974d: 257 [male, phylogenetic notes]; Papp, 1984: 98 [Palaearctic catalog].

Spelobia (Spelobia) duplisetaria. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) eclecta (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina eclecta Papp, 1973a: 392 [male, phylogenetic notes]. Type locality: Mongolia, Chövsgöl aimak, 3 km SW Somon Burenchaan [1,650 m]. HT male (HNHM). - Papp, 1984: 98 [Palaearctic catalog].

Spelobia (Spelobia) eclecta. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) faeroensis (Deeming, 1966). **Distr.:** Palaearctic: Faeroe Is. (Denmark), Slovakia, Switzerland.

Leptocera (Limosina) faeroensis Deeming, 1966a: 279 [male, illustr.]. Type locality: Faeroe Islands, Bordö. HT male (ZMUC).

Spelobia (Spelobia) faeroensis. - Roháček, 1983e: 72 [generic combination, redescription, male, phylogenetic notes]; Roháček, 1983f: 218, 221-222 [illustr.].

Limosina faeroensis. - Papp, 1984: 98 [Palaearctic catalog].

Spelobia (S.) frustrilabris Marshall, 1985. **Distr.:** Nearctic: Canada (NB, NS, ON).

Spelobia (Spelobia) frustrilabris Marshall, 1985a: 67 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Guelph, University of Guelph Arboretum. HT male (CNCI).

Spelobia frustrilabris. - Poole & Gentili, 1996: 249 [misspelling].

Spelobia (S.) fungivora Marshall, 1985. **Distr.:** Nearctic: USA (CA, NM, UT).

Spelobia (Spelobia) fungivora Marshall, 1985: 54 [both sexes, illustr.]. Type locality: USA, New Mexico, Santa Fe Co., 14 mi NE Santa Fe [9,600 ft]. HT male (CNCI).

Spelobia (S.) ghaznavi (Papp, 1978). **Distr.:** Palaearctic: Afghanistan.

Limosina ghaznavi Papp, 1978a: 157 [both sexes, phylogenetic notes, illustr.]. Type locality: Afghanistan, Prov. Ghazni, Holzak [3,000 m]. HT male (MMBC). - Papp, 1984: 99 [Palaearctic catalog].

Spelobia (Spelobia) ghaznavi. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) glabrocercata (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina glabrocercata Papp, 1973a: 393 [female, phylogenetic notes]. Type locality: Mongolia, Archangaj aimak, Changaj Mts., 8 km W of Somon Urdtamer [1,620 m]. HT female (HNHM). - Papp, 1984: 99 [Palaearctic catalog].

Spelobia (Spelobia) glabrocercata. - Roháček, 1983e: 68 [generic combination].

- Spelobia (S.) hirsuta*** Marshall, 1985. **Distr.:** Nearctic: Canada (BC, SK); USA (AK, CA, ID, OR, WA).
Spelobia (Spelobia) hirsuta Marshall, 1985a: 81 [both sexes, phylogenetic notes, illustr.].
 Type locality: USA, California, Marin Co., Point Reyes. HT male (CNCI).
- Spelobia (S.) hungarica*** (Villeneuve, 1917). **Distr.:** Palaearctic: Denmark, Germany (introduced ?), Greece (Crete), Hungary, Italy (incl. Sardinia), Israel, Spain (Balearic Is.), Tunisia.
Leptocera (Limosina) hungarica Villeneuve, 1917a: 143 [both sexes]. Type locality: Hungary, Gyón. LT male, designated by Roháček, 2001: 476 (MNHN). - Papp, 1984: 106 [species dubia, Palaearctic catalog].
Leptocera (Scotophilella) hungarica. - Duda, 1925: 187 [subgeneric combination].
Limosina (Limosina) hungarica. - Duda, 1938: 127 [generic combination].
Limosina hungarica. - Papp, 1973c: 56 [key].
Spelobia (Spelobia) hungarica. - Roháček, 1983e: 158 [generic combination]; Roháček, 2001: 476 [species identity].
Limosina (Scotophilella) villosa Duda, 1918: 173 [both sexes, illustr.]. Type locality: Greece, Crete, Canea. LT male, designated by Roháček, 1983e: 79 (HNHM). - Roháček, 2001: 476 [confirmation of synonymy].
Leptocera (Scotophilella) villosa. - Duda, 1925: 163, 187 [synonymy; generic combination].
Limosina (Limosina) villosa. - Duda, 1938: 151 [species status, subgeneric combination, redescription, illustr.].
Spelobia (Spelobia) villosa. - Roháček, 1983e: 79-80 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 235-237 [illustr.].
Limosina villosa. - Papp, 1984: 105 [Palaearctic catalog].
- Spelobia (S.) ibrida*** Roháček, 1983. **Distr.:** Palaearctic: Czech Republic, Finland, Italy (incl. Sardinia), Norway, Slovakia, Sweden.
Spelobia (Spelobia) ibrida Roháček, 1983e: 86 [both sexes, phylogenetic notes]. Type locality: Czech Republic, Moravia, Hrubý Jeseník Mts., Karlov. HT male (SMOC). - Roháček, 1983f: 245, 247 [illustr.].
- Spelobia (S.) interima*** (Papp, 1973). **Distr.:** Palaearctic: Mongolia.
Limosina interima Papp, 1973a: 394 [both sexes, phylogenetic notes]. Type locality: Mongolia, Archangaj aimak, Cecerleg. HT male (HNHM). - Papp, 1984: 99 [Palaearctic catalog].
Spelobia (Spelobia) interima. - Roháček, 1983e: 68 [generic combination].
- Spelobia (S.) lineatarsata*** (Papp, 1973). **Distr.:** Palaearctic: Mongolia.
Limosina lineatarsata Papp, 1973a: 397 [male]. Type locality: Mongolia, Bulgan aimak, 23 km NNE of Somon Chischig-Öndör [1,390 m]. HT male (HNHM). - Papp, 1984: 99 [Palaearctic catalog].
Spelobia (Spelobia) lineatarsata. - Roháček, 1983e: 68 [generic combination].
- Spelobia (S.) lucifuga*** (Spuler, 1925). **Distr.:** Nearctic: USA (AZ, IL, NM, OR, WY).
Leptocera (Spelobia) lucifuga Spuler, 1925a: 117 [male]. Type locality: USA, Oregon, Corvallis. HT male (USNM).
Leptocera (Limosina) lucifuga. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].
Spelobia (Spelobia) lucifuga. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985a: 45-46 [both sexes, phylogenetic notes, illustr.].
- Spelobia (S.) luteilabris*** (Rondani, 1880). **Distr.:** Australasian/Oceanian: New Zealand; Nearctic: Canada (AB, BC, MB, NB, NS, NT, QC, SK), USA (AK, AZ, CA, ID,

IL, MA, MD, MN, NH, NM, MT, NY, OH, OR, SD, TN, WA, WV); Palaearctic: Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Croatia, Czech Republic, Denmark, Faeroe Is. (Denmark), Finland, France (incl. Corsica), Germany, Great Britain, Hungary, Iceland, Italy, Japan, Latvia, Macedonia, Madeira (Portugal), Netherlands, North Korea, Norway, Poland, Russia (CET, FE, NET, WS), Slovakia, Spain, Sweden, Switzerland, Yugoslavia (Montenegro, Serbia).

Limosina luteilabris Rondani, 1880: 32 [male]. Type locality: Italy, Parma. LT male, designated by Roháček, 1983e: 87 (MZUF). - Papp, 1984: 100 [Palaearctic catalog].

Limosina (Scotophilella) luteilabris. - Duda, 1918: 164 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) luteilabris. - Duda, 1925: 163 [generic combination].

Leptocera (Limosina) luteilabris. - Richards, 1930: 304 [subgeneric combination]; Okely, 1974: 52-53 [puparium, illustr.].

Spelobia (Spelobia) luteilabris. - Roháček, 1982c: 229 [generic combination, egg, illustr.]; Roháček, 1983e: 87-88 [redescription, phylogenetic notes]; Roháček, 1983f: 247-249 [illustr.]; Marshall, 1985a: 80-81 [diagnosis, illustr.]; Marshall, 1989b: 606 [Australasian/Oceanian catalog].

Spelobia luteilabris. - Buck, 1997a: 141 [biology]; Hayashi & Tuno, 1998: 358 [breeding records from fungi].

Limosina simplicimana Rondani, 1880: 31 [both sexes?]. Type locality: Italy. LT female, designated by Roháček, 1983e: 87 (MZUF). - Duda, 1918: 164 [synonymy].

Leptocera simplicimana. - Séguéy, 1934: 470 [generic combination].

Leptocera (Scotophilella) carinata Spuler, 1925c: 153 [female, illustr.]. Type locality: USA, Illinois. HT female (USNM). - Marshall, 1985a: 80 [synonymy].

Leptocera (Limosina) carinata. - Richards, 1965c: 723 [subgeneric combination, Nearctic catalog].

***Spelobia (S.) macrosetitarsalis* (Papp, 1974). **Distr.:** Palaearctic: Mongolia.**

Limosina macrosetitarsalis Papp, 1974d: 258 [male, illustr.]. Type locality: Mongolia, Suhebaator aimak, 120 km NW of Baruun Urt. HT male (HNHM). - Papp, 1984: 100 [Palaearctic catalog].

Spelobia (Spelobia) macrosetitarsalis. - Roháček, 1983e: 68 [generic combination].

***Spelobia (S.) maculipennis* (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC, MB, NS, ON, QC, SK), USA (AK, AZ, CA, CO, MA, NM, OR, WA); Neotropical: Mexico (CHI, HID, MEX, OXA, VRC).**

Leptocera (Scotophilella) maculipennis Spuler, 1925c: 80 [male, illustr.]. Type locality: USA, Washington, Friday Harbour. HT male (USNM).

Leptocera (Limosina) maculipennis. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Spelobia (Spelobia) maculipennis. - Marshall, 1985a: 22-25 [generic combination, redescription, both sexes, illustr.].

***Spelobia (S.) manicata* (Richards, 1927). **Distr.:** Palaearctic: Austria, Czech Republic, Finland, France, Germany, Great Britain, Hungary, Norway, Slovakia, Spain, Switzerland, Sweden.**

Limosina manicata Richards, 1927: 36 [both sexes]. Type locality: Great Britain, England, Hogley. LT male, designated by Roháček, 1983e: 71 (OXUM). - Papp, 1984: 100 [Palaearctic catalog].

Leptocera (Limosina) manicata. - Richards, 1930: 302 [generic combination].

Leptocera manicata. - Goddard, 1938: 246-247 [puparium, illustr.].

Spelobia (Spelobia) manicata. - Roháček, 1983e: 70-71 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 217-219 [illustr.].

Spelobia (S.) mexicana Marshall, 1985. **Distr.:** Neotropical: Cayman Is., Costa Rica, Guatemala, Honduras, Mexico (CHI, HID, JAL, MEX, MOR, OXA, PUE, SLP), Panama.

Spelobia (Spelobia) mexicana Marshall, 1985a: 84 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Oaxaca, 4.2 mi E jct. Mex. 175 and Yuvila Rd. [7,900 ft]. HT male (MCZC).

Spelobia (S.) multihama Marshall, 1985. **Distr.:** Nearctic: Canada (ON); USA (NH).

Spelobia (Spelobia) multihama Marshall, 1985a: 76 [male, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Peterborough Co., Warsaw Cave. HT male (DEBU).

Spelobia (S.) nana (Rondani, 1880). **Distr.:** Nearctic: Canada (YT), USA (AK); Palaearctic: Andorra, Austria, Belgium, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Italy, Netherlands, Norway, Poland, Slovakia, Spain, Sweden, Switzerland.

Limosina nana Rondani, 1880: 24 [both sexes ?]. Type locality: Italy. LT male, designated by Roháček, 1983e: 89 (MZUF). - Papp, 1984: 100 [Palaearctic catalog].

Limosina (Scotophilella) nana. - Duda, 1918: 152 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) nana. - Duda, 1925: 161 [generic combination].

Leptocera (Limosina) nana. - Richards, 1930: 303 [subgeneric combination].

Limosina (Limosina) nana. - Duda, 1938: 134 [redescription, illustr.].

Spelobia (Spelobia) nana. - Roháček, 1983e: 89-90 [generic combination, both sexes, redescription, phylogenetic notes]; Roháček, 1983f: 251-253 [illustr.]; Buck, 1997a: 146 [biology].

Spelobia (S.) nigrifrons (Spuler, 1925). **Distr.:** Nearctic: Canada (AB, BC), USA (AK, OR, WA).

Leptocera (Scotophilella) nigrifrons Spuler, 1925c: 158 [both sexes, illustr.]. Type locality: USA, Washington, Seattle. HT male [incorrectly labelled as PT, cf. Spuler, 1925c: 159] (USNM). **Note:** a male from "Oregon, Newhart, Beaver Creek", labelled by Spuler as holotype, has to be considered a paratype !

Leptocera (Limosina) nigrifrons. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Minilimosina (Svarciella) nigrifrons. - Roháček, 1983e: 31 [generic combination].

Spelobia (Spelobia) nigrifrons. - Marshall, 1985a: 53 [generic combination, redescription, phylogenetic notes, illustr.].

Spelobia (S.) nudiprocta Marshall, 1985. **Distr.:** Nearctic: Canada (BC, NB, NS, ON, SK), USA (AR, GA, IL, KY, MA, NC, NH, NY, SC, TN, VA, WV).

Spelobia (Spelobia) nudiprocta Marshall, 1985a: 86 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Chaffey's Locks, Queen's University Biological Station. HT male (CNCL).

Spelobia (S.) occidentalis (Adams, 1904). **Distr.:** Nearctic: Canada (BC), USA (CA, WA).

Limosina occidentalis Adams, 1904: 455 [male]. Type locality: USA, California, Santa Clara Co., Palo Alto. HT male (CASC).

Leptocera (Scotophilella) occidentalis. - Spuler, 1925c: 161 [generic combination, illustr.].

Leptocera (Limosina) occidentalis. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Spelobia (Spelobia) occidentalis. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985: 50-53 [redescription, both sexes, phylogenetic notes, illustr.].

Leptocera (Scotophilella) curtipennis Spuler, 1925c: 150 [both sexes?, illustr.]. Type locality: USA, Washington, Tacoma. HT male (USNM). - Marshall, 1985a: 50 [synonymy].

Leptocera (Limosina) curtipennis. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Spelobia (S.) ordinaria (Spuler, 1925). **Distr.:** Nearctic: Canada (BC), USA (CA, ID, MT, WA).

Leptocera (Scotophilella) ordinaria Spuler, 1925c: 159 [both sexes?]. Type locality: USA, Idaho, Collins. HT male (USNM).

Leptocera (Limosina) ordinaria. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Spelobia (Spelobia) ordinaria. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985a: 74-76 [redescription, both sexes, phylogenetic notes, illustr.].

Spelobia (S.) ovata Marshall, 1985. **Distr.:** Nearctic: Canada (BC), USA (CA, CO, NM, UT, WA, WY).

Spelobia (Spelobia) ovata Marshall, 1985a: 38 [both sexes, illustr.]. Type locality: USA, New Mexico, Lincoln Co., Sierra Blanca [9,700 ft]. HT male (CNCI).

Spelobia (S.) palmata (Richards, 1927). **Distr.:** Palaearctic: Andorra, Austria, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Greece (incl. Crete), Hungary, Italy, Norway, Roumania, Russia (NET, SET), Slovakia, Spain (incl. Balearic Is.), Sweden, Switzerland, Tunisia.

Limosina palmata Richards, 1927: 36 [both sexes]. Type locality: Great Britain, England, Bagley Wood nr. Oxford. LT male, designated by Roháček, 1983e: 73 (OXUM). - Papp, 1984: 101 [Palaearctic catalog].

Leptocera (Limosina) palmata. - Richards, 1930: 301 [generic combination]; Okely, 1974: 52-53 [variability of puparium].

Limosina (Limosina) palmata. - Duda, 1938: 136 [redescription].

Leptocera palmata. - Goddard, 1938: 245-246 [puparium, illustr.].

Spelobia (Spelobia) palmata. - Roháček, 1982c: 229, 233 [generic combination, cephalopharyngeal skeleton, puparium, illustr.]; Roháček, 1983e: 73-75 [redescription, phylogenetic notes]; Roháček, 1983f: 218, 224-225 [illustr.].

Spelobia palmata. - Buck, 1997a: 141 [biology].

Limosina (Limosina) Leruthi Duda, 1938: 128 [female]. Type locality: Belgium, "aus einer belgischen Mergelgrotte". HT female (ISNB) - Roháček, 1981: 165 [synonymy].

Spelobia (S.) pappi Roháček, 1983. **Distr.:** Nearctic: Canada (ON); Palaearctic: Czech Republic, Germany, Sweden.

Spelobia (Spelobia) pappi Roháček, 1983e: 93 [both sexes, phylogenetic notes]. Type locality: Czech Republic, Moravia, Řásná nr. Telč. HT male (JRO). - Marshall, 1985a: 49 [diagnosis]; Roháček, 1985a: 103-105 [illustr.].

Spelobia pappi Roháček, 1982c: 211, 216 [nomen nudum].

Spelobia (S.) paraczizeki (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina paraczizeki Papp, 1973a: 400 [male, phylogenetic notes]. Type locality: Mongolia, Chövsgöl aimak, 3 km SW of Somon Burenchaan [1,650 m]. HT male (HNHM). - Papp, 1984: 101 [Palaearctic catalog].

Spelobia (Spelobia) paraczizeki. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) parolineatarsata (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Limosina parolineatarsata Papp, 1973a: 397 [male]. Type locality: Mongolia, Bulgan aimak, 23 km NNE of Somon Chischig-Öndör [1,390 m]. HT male (HNHM). - Papp, 1984: 101 [Palaeartic catalog].

Spelobia (Spelobia) parolineatarsata. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) parapenetrális (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Limosina parapenetrális Papp, 1973a: 403 [both sexes, illustr.]. Type locality: Mongolia, Bulgan aimak, 7 km NW from Somon Chanžargalant [1,350 m]. HT male (HNHM). - Papp, 1984: 101 [Palaeartic catalog].

Spelobia (Spelobia) parapenetrális. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) parapusio (Dahl, 1909). **Distr.:** Palaeartic: Andorra, Austria, Belgium, Bulgaria, Canary Is. (Spain), Croatia, Czech Republic, Denmark, Finland, France (incl. Corsica), Germany, Great Britain, Hungary, Italy, Latvia, Madeira (Portugal), Netherlands, North Korea, Norway, Poland, Russia (CET, NET, WS), Slovakia, Spain, Sweden, Switzerland, Tunisia, Yugoslavia (Montenegro); South Atlantic: Gough I. (introduced).

Limosina parapusio Dahl, 1909: 371 [female]. Type locality: Germany, Plagesee. HT female (ZMHB). - Papp, 1984: 101 [Palaeartic catalog].

Limosina (Scotophilella) parapusio. - Duda, 1918: 160 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) parapusio. - Duda, 1925: 163 [generic combination].

Leptocera (Limosina) parapusio. - Richards, 1930: 303 [subgeneric combination]; Okely, 1974: 52-53 [puparium, illustr.].

Spelobia (Spelobia) parapusio. - Roháček, 1982c: 229, 231, 233 [generic combination, egg, puparium, illustr.]; Roháček, 1983e: 90-92 [redescription, both sexes, phylogenetic notes]; Roháček, 1983f: 251, 254-255 [illustr.].

Spelobia parapusio. - Smith, 1989: 206 [larva, illustr.].

Leptocera parapusia. - Nartshuk, 1988: 579 [misspelling].

Limosina (Leptocera) rustica Villeneuve, 1918a: 335 [female ?]. Type localities: France, Royan and Rambouillet; Italy, Rovereto. STs, females ? (not found in MNHN, ? lost - Roháček, 1983e: 91). - Duda, 1925: 215 [synonymy]; Richards, 1930: 303 [synonymy].

Spelobia (S.) paratalparum (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Limosina paratalparum Papp, 1973a: 404 [male, phylogenetic notes]. Type locality: Mongolia, Central aimak, 11 ESE of Somon Bajanzogt [1,600 m]. HT male (HNHM). - Papp, 1984: 101 [Palaeartic catalog].

Spelobia (Spelobia) paratalparum. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) peltata Marshall, 1985. **Distr.:** Nearctic: Canada (BC, MB, YT).

Spelobia (Spelobia) peltata Marshall, 1985a: 40 [both sexes, illustr.]. Type locality: Canada, Yukon Territory, North Fork Crossing, Mile 42 Peel Pt. Rd. [3,500 ft]. HT male (CNCI).

Spelobia (S.) pseudoluteilabris (Papp, 1973). **Distr.:** Palaeartic: Mongolia.

Limosina pseudoluteilabris Papp, 1973a: 405 [female]. Type locality: Mongolia, Central aimak, Tosgoni ovoov, 5-10 km N of Ulan-Baator [1,700-1,900 m]. HT female (HNHM). - Papp, 1984: 102 [Palaeartic catalog].

Spelobia (Spelobia) pseudoluteilabris. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) pseudonivalis (Dahl, 1909). **Distr.:** Palaearctic: Belgium, Czech Republic, Finland, France, Germany, Great Britain, Hungary, Latvia, Netherlands, ?North Korea, Portugal, ?Ukraine, Sweden.

Limosina pseudonivalis Dahl, 1909: 369 [male]. Type locality: Germany, Plagefenn. HT male (ZMHB). - Papp, 1984: 102 [Palaearctic catalog].

Limosina (Scotophilella) pseudonivalis. - Duda, 1918: 179 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) pseudonivalis. - Duda, 1925: 161 [generic combination].

Leptocera (Limosina) pseudonivalis. - Richards, 1930: 303 [subgeneric combination]; Okely, 1974: 52-53 [puparium, illustr.].

Limosina (Limosina) pseudonivalis. - Duda, 1938: 140 [redescription, illustr.].

Spelobia (Spelobia) pseudonivalis. - Roháček, 1983e: 78-79 [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1983f: 232-234 [illustr.].

Spelobia (S.) pseudosetaria (Duda, 1918). **Distr.:** Australasian/Oceanian: New Zealand; Nearctic: Canada (AB, QC, SK), USA (CA, NM, WY); Palaearctic: Afghanistan, Andorra, Austria, Azores (Portugal), Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Germany, Great Britain, Hungary, Iceland, Italy (incl. Pantelleria I.), Latvia, Madeira (Portugal), Norway, Poland, Roumania, Russia (CET, FE, NET, WS), Slovakia, Spain, Sweden, Switzerland, Tadjikistan, Ukraine.

Limosina (Scotophilella) pseudosetaria Duda, 1918: 178 [male, illustr.]. Type locality: Germany, Westfalen, Eickel. HT male (ZMHB).

Leptocera (Scotophilella) pseudosetaria. - Duda, 1925: 161 [generic combination].

Limosina (Limosina) pseudosetaria. - Duda, 1938: 141 [subgeneric combination].

Spelobia (Spelobia) pseudosetaria. - Roháček, 1983e: 83-85 [generic combination, redescription, both sexes, phylogenetic notes]; Roháček, 1983f: 242-244 [illustr.]; Marshall, 1985a: 78-80 [diagnosis, illustr.].

Limosina pseudosetaria. - Papp, 1984: 102 [Palaearctic catalog].

Limosina penetralis Collin, 1925: 333 [both sexes]. Type locality: North Sea, between Newcastle and Norway. LT male, designated by Roháček, 1981: 166 (OXUM). - Roháček, 1981: 166 [synonymy].

Leptocera (Limosina) penetralis. - Richards, 1930: 304, 345 [generic combination, puparium, illustr.].

Limosina (Limosina) penetralis. - Duda, 1938: 107 [key].

Spelobia (S.) pseudosetatarsalis (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina pseudosetatarsalis Papp, 1973a: 406 [male]. Type locality: Mongolia, Central aimak, 11 km S of Zosijn davaa pass, ca. 90 km S of Ulan-Baator [1,650 m]. HT male (HNHM). - Papp, 1984: 102 [Palaearctic catalog].

Spelobia (Spelobia) pseudosetatarsalis. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) quadrata Marshall, 1985. **Distr.:** Nearctic: USA (NM, WY).

Spelobia (Spelobia) quadrata Marshall, 1985a: 36 [male, illustr.]. Type locality: USA, New Mexico, Catron Co., 5 mi W Luna, San Francisco River [7,400 ft]. HT male (CNCI).

Spelobia (S.) quaesita Roháček, 1983. **Distr.:** Palaearctic: Algeria, Morocco, Spain.

Spelobia (Spelobia) quaesita Roháček, 1983e: 80 [both sexes, phylogenetic notes]. Type locality: Spain, Salou nr. Tarragona. HT male (JRO). - Roháček, 1983f: 237-239 [illustr.].

Spelobia quaesita Roháček, 1982c: 220 [nomen nudum].

Spelobia (S.) quinata Marshall, 1985. **Distr.:** Nearctic: Canada (ON), USA (GA, IL, IN, MA, MI, NC, TN, VA).

Spelobia (Spelobia) quinata Marshall, 1985a: 62 [both sexes, illustr.]. Type locality: USA, Michigan, Tekonsha. HT male (CNCI).

Spelobia (S.) rimata Marshall, 1985. **Distr.:** Nearctic: Canada (BC), USA (AZ, CA, NM, WY); Neotropical: Mexico (HID, OXA).

Spelobia (Spelobia) rimata Marshall, 1985a: 70 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, New Mexico, Lincoln Co., Gallinas Pk., 10 mi W Corona [8,600 ft]. HT male (CNCI).

Spelobia (S.) robinsoni Marshall, 1985. **Distr.:** Neotropical: Mexico (MOR, TAM).

Spelobia (Spelobia) robinsoni Marshall, 1985a: 25 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Tamaulipas, Rancho del Cielo, Salamander Cave. HT male (CNCI).

Spelobia (S.) rufilabris (Stenhammar, 1855). **Distr.:** Oriental: Nepal; Palaearctic: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Hungary, Iceland, Italy, Latvia, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (NET), Slovakia, Spain, Sweden, Switzerland, Yugoslavia (Montenegro).

Limosina rufilabris Stenhammar, 1855: 408 [both sexes ?]. Type locality: Sweden, "Gttb". LT male, designated by Roháček, 1983e: 85 (UZIU). - Hackman, 1977: 404 [Oriental catalog]; Papp, 1984: 103 [Palaearctic catalog].

Limosina (Scotophilella) rufilabris. - Duda, 1918: 162 [subgeneric combination, redescription, illustr.].

Leptocera (Scotophilella) rufilabris. - Duda, 1925: 164 [generic combination].

Leptocera (Limosina) rufilabris. - Richards, 1930: 304 [subgeneric combination].

Limosina (Limosina) rufilabris. - Duda, 1938: 143 [redescription, illustr.].

Spelobia (Spelobia) rufilabris. - Roháček, 1983e: 85-86 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 245-247 [illustr.]; Skidmore, 1993: 8, 18 [puparium, illustr.].

Limosina (Limosina) rufitarsis. - Vanschuytbroeck, 1942: 11 [misspelling, list].

Spelobia (S.) sejuncta Marshall, 1985. **Distr.:** Nearctic: USA (AZ); Neotropical: Mexico (CHI, HID, SLP).

Spelobia (Spelobia) sejuncta Marshall, 1985a: 56 [both sexes, phylogenetic notes, illustr.]. Type locality: Mexico, Hidalgo, 12 mi SW Jacala [6,200 ft]. HT male (CNCI).

Spelobia (S.) semioculata (Richards, 1964). **Distr.:** Nearctic: Canada (MB, NB, NS, ON, QC, SK), USA (IL, NY, VA, WI).

Leptocera (Limosina) semioculata Richards, 1964b: 141 [both sexes, illustr.]. Type locality: USA, Illinois, Kankakee Co., between Hopkins Park and St. Anne. HT male (FMNH).

Spelobia (Spelobia) semioculata. - Roháček, 1983e: 38 [generic combination]; Marshall, 1985a: 33-34 [redescription, phylogenetic notes, illustr.].

Spelobia (S.) setilaterata (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina setilaterata Papp, 1973a: 410 [female, phylogenetic notes]. Type locality: Mongolia, Central aimak, 12 km S of Somon Bajanbaraat [1,380 m]. HT female (HNHM). - Papp, 1974d: 260-261 [male, phylogenetic notes]; Papp, 1984: 103 [Palaearctic catalog].

Spelobia (Spelobia) setilaterata. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) setitarsalis (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina setitarsalis Papp, 1973a: 411 [female, phylogenetic notes]. Type locality: Mongolia, Bajanchogor aimak, Chantaj Mts., 120 km W of Somon Zag [2,200 m]. HT female (HNHM). - Papp, 1974d: 260 [male, phylogenetic notes, illustr.].

Spelobia (Spelobia) setitarsalis. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) simplicipes (Duda, 1925). **Distr.:** Palaearctic: Afghanistan, Austria, Belgium, France (Corsica), Germany, Greece (Crete), Hungary, Italy (incl. Sardinia), Kirghizstan, Malta, Netherlands, Roumania, Slovakia, Slovenia, Spain (Balearic Is.), Tadjikistan, Tunisia.

Leptocera (Scotophilella) simplicipes Duda, 1925: 188 [nom.n. for *Limosina (Scotophilella) simplicimana* Duda, 1918]. Type locality: Greece, Crete, Canea.

Limosina (Limosina) simplicipes. - Duda, 1938: 147 [generic combination, redescription].

Leptocera (Limosina) simplicipes. - Deeming, 1966a: 280 [male genitalia, illustr.].

Spelobia (Spelobia) simplicipes. - Roháček, 1983e: 81 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 237-238, 240-241 [illustr.].

Limosina simplicipes. - Papp, 1984: 104 [Palaearctic catalog].

Leptocera simplicis. - Nartshuk, 1970a: 351 [misspelling, key]; Nartshuk, 1988: 581 [misspelling, key].

Limosina (Scotophilella) simplicimana Duda, 1918: 175 [a primary junior homonym of *Limosina simplicimana* Rondani, 1880 = *Spelobia (S.) luteilabris* (Rondani, 1880); both sexes]. Type locality: Greece, Crete, Canea. LT male, designated by Roháček, 1983e: 82 (HNHM). - Duda, 1925: 188 [homonymy].

Spelobia (S.) spinifemorata (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina spinifemorata Papp, 1973a: 412 [female]. Type locality: Mongolia, Central aimak, 11 km ESE of Somon Bajanzogt [1,600 m]. HT female (HNHM). - Papp, 1984: 104 [Palaearctic catalog].

Spelobia (Spelobia) spinifemorata. - Roháček, 1983e: 68 [generic combination].

Spelobia (S.) talis Roháček, 1983. **Distr.:** Palaearctic: Czech Republic, Germany, Slovakia, Spain, Switzerland.

Spelobia (Spelobia) talis Roháček, 1983e: 76 [both sexes, phylogenetic notes]. Type locality: Switzerland, Canton de Vaud, Cudrefin [435 m]. HT male (CASC). - Roháček, 1983f: 226, 228-229 [illustr.].

Spelobia (S.) talparum (Richards, 1927). **Distr.:** Palaearctic: Afghanistan, Andorra, Austria, Belgium, Bulgaria, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Italy, Latvia, Lithuania, Norway, Portugal, Russia (SET), Slovakia, Spain, Sweden, Switzerland, Ukraine.

Limosina talparum Richards, 1927: 37 [both sexes]. Type locality: Great Britain, England, Hogley Bog nr. Oxford. LT male, designated by Roháček, 1983e: 75 (OXUM). - Papp, 1984: 104 [Palaearctic catalog].

Leptocera (Limosina) talparum. - Richards, 1930: 302 [generic combination].

Limosina (Limosina) talparum. - Duda, 1938: 150 [redescription].

Leptocera talparum. - Goddard, 1938: 247-249 [puparium, illustr.].

Spelobia (Spelobia) talparum. - Roháček, 1983e: 75-77 [generic combination, redescription, phylogenetic notes]; Roháček, 1983f: 224, 226-228 [illustr.].

Spelobia (S.) tenebrarum (Aldrich, 1897). **Distr.:** Nearctic: USA (AL, AR, GA, IL, IN, KY, MO, NY, PA, TN, WV).

Limosina tenebrarum Aldrich, 1897: 190 [both sexes]. Type locality: USA, Indiana, Wyandotte Cave. LT male, designated by Marshall, 1985a: 42 (USNM). - Banta, 1907: 45-47 [biology, puparium, illustr.].

Leptocera (Spelobia) tenebrarum. - Spuler, 1924d: 376 [generic combination]; Spuler, 1925a: 117 [key, illustr.].

Leptocera (Limosina) tenebrarum. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Spelobia (Spelobia) tenebrarum. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985a: 41 [redescription, phylogenetic notes, illustr.].

Limosina stygia Coquillett in Call, 1897: 384 [both sexes]. Type locality: USA, Kentucky, Mammoth Cave. STs, both sexes (USNM). - Spuler, 1925a: 117 [synonymy].

Spelobia (S.) tuberculosa Marshall, 1985. **Distr.:** Nearctic: Canada (AB, BC), USA (CA, CO, ID, MT, NV, OR, UT, WA, WY).

Spelobia (Spelobia) tuberculosa Marshall, 1985a: 34 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Utah, Summit Co., Bear River Camp, Wasatch Forest [8,400 m]. HT male (CNCI).

Spelobia (S.) tufta Marshall, 1985. **Distr.:** Nearctic: Canada (BC), USA (AK).

Spelobia (Spelobia) tufta Marshall, 1985a: 29 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, British Columbia, Ainsworth, Woodbury Creek. HT male (CNCI).

Spelobia (S.) typhlops (Richards, 1964). **Distr.:** Nearctic: USA (IL).

Leptocera (Limosina) typhlops Richards, 1964b: 144 [both sexes, illustr.]. Type locality: USA, Illinois, Kankakee Co., 7 mi NNW Hopkins Park. HT male (FMNH).

Spelobia (Spelobia) typhlops. - Roháček, 1983e: 68 [generic combination]; Marshall, 1985a: 46-48 [redescription, phylogenetic notes, illustr.].

Spelobia (S.) ulla Roháček, 1983. **Distr.:** Palaearctic: Finland.

Spelobia (Spelobia) ulla Roháček, 1983e: 89 [male, phylogenetic notes, illustr.]. Type locality: Finland, Finnish Lapland, Lk. Pallasjärvi (lake). HT male (MZHf). - Roháček, 1983f: 250 [illustr.].

Limosina ulla Hackman, 1980: 147 [nomen nudum].

Spelobia ulla Roháček, 1982c: 219 [nomen nudum].

Unplaced to subgenus

†***Spelobia palaeobrevipteryx*** Marshall in Marshall, Langstaff & Grimaldi, 1999. **Distr.:** Neotropical: Dominican Republic.

Spelobia palaeobrevipteryx Marshall in Marshall, Langstaff & Grimaldi, 1999: 296 [male, amber fossil, phylogenetic notes, illustr.]. Type locality: Dominican Republic. HT male (AMNH).

Genus *Spinilimosina* Roháček, 1983

Spinilimosina Roháček, 1983e: 110 (feminine). Type species: *Limosina (Scotophilella) brevicostata* Duda, 1918, original designation. - Roháček, 1983e: 110-112 [diagnosis, revision of West Palaearctic species, phylogenetic notes]; Roháček, 1985a: 127-130 [illustr.]; Marshall & Richards, 1987: 1003 [diagnosis in key]; Marshall, 1989b: 606 [Australasian/Oceanian catalog]; Roháček, 1998a: 491 [diagnosis in key, illustr.].

Spinilimosina Roháček, 1982c: 223 [nomen nudum, phylogeny].

Spinilimosina brevicostata (Duda, 1918). **Distr.:** Afrotropical: Ethiopia, Madagascar, South Africa, Zaire; Australasian/Oceanian: Hawaii (USA), Papua New Guinea;

Nearctic: USA (FL, TX); Neotropical: Bermuda, Brazil, Dominican Republic, Honduras, Jamaica, St. Kitts (Nevis); Oriental: Nepal, Sri Lanka, Taiwan; Palaearctic: Afghanistan, Azores (Portugal), Canary Is. (Spain), Czech Republic, Egypt, Finland, Germany, Great Britain, Hungary, Israel, Italy, Madeira (Portugal), Malta, Morocco, Poland, Russia (SET), Spain, Tunisia, Yugoslavia.

Limosina (Scotophilella) brevicostata Duda, 1918: 183 [both sexes, illustr.]. Type locality: Germany, S.-Harz, Ilfeld. LT male, designated by Roháček, 1983e: 111 (ZMHB).

Leptocera (Scotophilella) brevicostata. - Duda, 1925: 164 [generic combination].

Limosina (Limosina) brevicostata. - Duda, 1938: 112 [subgeneric combination, illustr.].

Limosina brevicostata. - Hackman, 1977: 403 [Oriental catalog]; Papp, 1984: 96 [Palaearctic catalog].

Leptocera (Limosina) brevicostata. - Richards, 1980: 619 [Afrotropical catalog].

Spinilimosina brevicostata. - Roháček, 1983e: 111-112 [generic combination, redescription, phylogenetic notes]; Roháček, 1985a: 127-130 [illustr.].

Spinilimosina pectinata (Tenorio, 1968). **Distr.:** Australasian/Oceanian: Hawaii (USA); Oriental: Nepal; Palaearctic: Japan.

Leptocera (Limosina) pectinata Tenorio, 1968: 187 [both sexes, taxonomic notes, egg, illustr.]. Type locality: Hawaiian Is., Oahu, Kailua. HT male (BPBM).

Spinilimosina pectinata. - Roháček, 1983e: 111 [generic combination]; Marshall, 1989b: 606 [Australasian/Oceanian catalog].

Spinilimosina rufifrons (Duda, 1925). **Distr.:** Afrotropical: Ethiopia, Zaire; Australasian/Oceanian: Bonin Is. (Japan), Cook Is., Hawaii (USA), Papua New Guinea; Neotropical: Brazil; Oriental: India (Maharashtra), Malaysia, Taiwan; Palaearctic: Japan.

Limosina (Scotophilella) brevicostata var. *rufifrons* Duda, 1925: 188 [both sexes]. Type localities: Taiwan (Formosa), Anping and Takao; Papua New Guinea, "N. Guinea, Seleu; India, O. India, Matheran; Ethiopia, Marako. STs, both sexes (HNHM).

Leptocera (Limosina) brevicostata var. *rufifrons*. - Tenorio, 1968: 186-187, 207 [subgeneric combination, diagnosis, egg, puparium, life-history, illustr.].

Leptocera (Limosina) rufifrons. - Richards, 1973: 373-374 [species status, diagnosis].

Spinilimosina rufifrons. - Roháček, 1983e: 111 [generic combination]; Marshall, 1989b: 606 [Australasian/Oceanian catalog].

Spinilimosina tetrasticha (Richards, 1973) **comb.n.** **Distr.:** Australasian/Oceanian: Papua New Guinea.

Leptocera (Limosina) tetrasticha Richards, 1973: 380 [male]. Type locality: Papua New Guinea, Bainyik. HT male (AMSA). - Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Note: Generic placement tentative; it is necessary to confirm it by the examination of the male genitalia.

Genus *Telomerina* Roháček, 1983

Telomerina Roháček, 1983e: 129 (feminine). Type species: *Borborus flavipes* Meigen, 1830, original designation. - Roháček, 1983e: 129-137 [diagnosis, revision of European species, key, illustr.]; Marshall & Roháček, 1984: 128-162 [diagnosis, revision of world species, key,

phylogeny, illustr.]; Marshall & Richards, 1987: 1003 [diagnosis in key, illustr.]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Roháček, 1998a: 488 [diagnosis in key, illustr.].
Telomerina Roháček, 1982c: 224 [nomen nudum, phylogeny].

Telomerina beringiensis Marshall, 1987. **Distr.:** Nearctic: Canada (YT), USA (AK).

Telomerina beringiensis Marshall, 1987d: 205 [both sexes, phylogenetic notes, illustr.].
 Type locality: Canada, Yukon, Forestry Camp near Dawson City. HT male (CNCI).

Telomerina cana Marshall & Roháček, 1984. **Distr.:** Nearctic: USA (AL, OK, TN).

Telomerina cana Marshall & Roháček, 1984: 150 [both sexes, phylogeny, illustr.]. Type locality: USA, Alabama, Marshall Co., 4 mi N Union Grove, Merrill Cave. HT male (CNCI).

Telomerina cellularis (Spuler, 1925). **Distr.:** Nearctic: USA (TX).

Leptocera (*Scotophilella*) *cellularis* Spuler, 1925c: 79 [male, illustr.]. Type locality: USA, Texas, Austin. HT male (USNM, probably lost, Marshall & Roháček, 1984: 157).

Leptocera (*Limosina*) *cellularis*. - Richards, 1965c: 723 [subgeneric combination, Nearctic catalog].

Telomerina cellularis. - Roháček, 1983e: 130 [generic combination]; Marshall & Roháček, 1984: 157 [taxonomic notes].

Note: A doubtful species possibly belonging to *Telomerina*.

Telomerina chillcotti Marshall & Roháček, 1984. **Distr.:** Nearctic: Canada (NB, ON), USA (FL, LA, SC, TN, TX).

Telomerina chillcotti Marshall & Roháček, 1984: 144 [both sexes, phylogeny, illustr.]. Type locality: USA, Louisiana, 11 mi SW Alexandria. HT male (CNCI).

Telomerina eburnea Roháček, 1983. **Distr.:** Palaearctic: Czech Republic, Denmark, Finland, Germany, Hungary, Italy, Russia (WS), Sweden.

Telomerina eburnea Roháček, 1983e: 133 [female, phylogenetic notes]. Type locality: Czech Republic, Moravia, Studenec. HT female (JRO). - Roháček, 1985a: 154-155 [female, illustr.]; Marshall & Roháček, 1984: 148 [both sexes, redescription, phylogeny, illustr.]; Buck, 1997a: 146 [biology].

Telomerina flavipes (Meigen, 1830). **Distr.:** Afrotropical: South Africa; Australasian/Oceanian: Australia (NSW), New Zealand; Nearctic: Canada (AB, BC, MB, NB, ON, QC), Greenland (subfossil), USA (AR, AZ, CO, FL, ID, IL, LA, MA, NM, NY, TN, VA, WA, WY); Neotropical: Brazil, Chile, Juan Chile (Fernandez Is.), Mexico (MOR, NUL); Oriental: Taiwan; Palaearctic: Afghanistan, Andorra, Andorra, Austria, Belgium, Bulgaria, Canary Is. (Spain), Czech Republic, Denmark, Egypt, Finland, France, Germany, Great Britain, Greece, Hungary, Iceland, Israel, Italy (incl. Sicily, Pantelleria I.), Iran, Japan, Malta, Mongolia, Netherlands, Norway, Poland, Roumania, Russia (CET, NET, SET), Slovakia, Spain, Sweden, Switzerland, Tadjikistan, Tunisia, Yugoslavia.

Borborus flavipes Meigen, 1830: 208 [? both sexes]. Type locality: not given (? Austria). LT male, designated by Roháček, 1983e: 134 (NHMW). - Morge, 1976: Pl. 215, Figs 8a,b [Meigen's original illustr.].

Limosina (*Limosina*) *flavipes*. - Duda, 1938: 122 [generic combination, both sexes, redescription, illustr.].

Leptocera (*Limosina*) *flavipes*. - Harrison, 1959: 269 [generic combination]; Richards, 1967b: 14 [Neotropical catalog]; Richards, 1973: 372-373 [diagnosis]; Richards, 1980: 620 [Afrotropical catalog].

Limosina flavipes. - Papp, 1973c: 55 [key, illustr.]; Papp, 1984: 98 [Palaearctic catalog].

Telomerina flavipes. - Roháček, 1983e: 134 [generic combination, both sexes, redescription]; Roháček, 1985a: 149, 155-157 [illustr.]; Marshall & Roháček, 1984: 140 [redescription, phylogeny, preimaginal stages, illustr.]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Skidmore, 1993: 9, 19 [puparium, illustr.]; Buck, 1997a: 146 [biology].

Limosina minutissima Zetterstedt, 1847: 2505 [male]. Type localities: Sweden, Scania, nr. Lund & Paradislyckan; Ostrogothia, nr. Wadsena; North Jemtlandia, Åreskutan. Preserved syntypes (MZLU) do not correspond with the original description; described specimens apparently lost (Roháček, 1983e: 134). - Duda, 1938: 122 [synonymy].

Leptocera (Limosina) minutissima. - Richards, 1930: 296 [generic combination].

Limosina retracta Rondani, 1880: 25 [both sexes]. LT male, designated by Roháček, 1983e: 134 (MZUF). - Duda 1938: 122 [synonymy].

Limosina (Scotophilella) retracta. - Duda, 1918: 140 [redescription, subgeneric combination, illustr.].

Leptocera (Scotophilella) retracta. - Duda, 1925: 161 [generic combination].

Leptocera (Scotophilella) gracilipennis Spuler, 1925c: 78 [male, illustr.]. Type locality: USA, Washington, Friday Harbour. HT male (USNM). - Marshall & Roháček, 1984: 140 [synonymy].

Leptocera (Limosina) gracilipennis. - Richards, 1965c: 724 [subgeneric combination, Neartic catalog].

Telomerina gracilipennis. - Roháček, 1983e: 130 [generic combination].

Limosina (Limosina) ventruosella Venturi, 1965: 7 [both sexes, illustr.]. Type locality: Italy, Sicily, Mt. Etna, grotta di S. Gregorio. STs (possibly in IPBC). - Roháček, 1983e: 134 [synonymy].

***Telomerina kaszabi* (Papp, 1973). **Distr.:** Palaearctic: Mongolia.**

Limosina kaszabi Papp, 1973a: 396 [male, illustr.]. Type locality: Mongolia, Bulgan aimak, 11 km W of Somon Bajannuur at lake Bajannuur [1,000 m]. HT male (HNHM). - Papp, 1984: 99 [Palaearctic catalog].

Telomerina kaszabi. - Roháček, 1983e: 130 [generic combination]; Marshall & Roháček, 1984: 132 [male, redescription, phylogeny, illustr.].

***Telomerina lanceola* Roháček, 1990. **Distr.:** Palaearctic: Sweden.**

Telomerina lanceola Roháček, 1990a: 225 [male, phylogenetic notes, illustr.]. Type locality: Sweden, Sö., Saltsjöbaden. HT male (NHRS).

***Telomerina levifrons* (Spuler, 1925). **Distr.:** Nearctic: USA (ID, MD, MI, OR, WA); Oriental: Nepal; Palaearctic: Czech Republic, Germany, Italy, Japan, Norway, Slovakia, Spain (Balearic Is.), Sweden.**

Leptocera (Scotophilella) levifrons Spuler, 1925c: 77 [female, illustr.]. Type locality: USA, Idaho, Kendrick. HT female (USNM).

Leptocera (Limosina) levifrons. - Richards, 1965c: 724 [subgeneric combination, Nearctic catalog].

Telomerina levifrons. - Marshall & Roháček, 1984: 130 [generic combination, both sexes, redescription, phylogeny, illustr.].

Telomerina antonini Roháček, 1983e: 131 [both sexes, phylogenetic notes]. Type locality: Czech Republic, Moravia, Řásná nr. Telč. HT male (JRO). - Roháček, 1985a: 149-151 [illustr.]; Marshall & Roháček, 1984: 130 [synonymy].

Telomerina antonini Roháček, 1982c: 224 [nomen nudum].

Opalimosina stepheni. - Papp 1991b: 238-239 [partim, female, misidentification].

***Telomerina orpha* Marshall & Roháček, 1984. **Distr.:** Nearctic: Canada (ON), USA (AR, GA, IL, MA); Neotropical: Dominican Republic.**

Telomerina orpha Marshall & Roháček, 1984: 146 [male, phylogeny, illustr.]. Type locality: USA, Illinois, Champaign Co., Mahomet, Hart Woods. HT male (CNCI).

Telomerina paraflavipes (Papp, 1973). **Distr.:** Palaearctic: Mongolia.

Limosina paraflavipes Papp, 1973a: 401 [both sexes, illustr.]. Type locality: Mongolia, Bulgan aimak, 11 km W of Somon Bajannuur at Bajannuur lake [1,000 m]. HT male (HNHM). - Papp, 1984: 101 [Palaearctic catalog].

Telomerina paraflavipes. - Roháček, 1983e: 130 [generic combination]; Marshall & Roháček, 1984: 154 [both sexes, redescription, phylogeny, illustr.].

Telomerina pengellyi Marshall & Roháček, 1984. **Distr.:** Nearctic: Canada (AB, NB, ON), USA (AR, MA, WV, WY).

Telomerina pengellyi Marshall & Roháček, 1984: 134 [both sexes, phylogeny, illustr.]. Type locality: Canada, Alberta, Lower Kananaska Highway. HT male (CNCI).

Telomerina pseudoleucoptera (Duda, 1924). **Distr.:** Palaearctic: Andorra, Belgium, Bulgaria, Czech Republic, Denmark, Finland, Germany, Great Britain, Hungary, Italy, Netherlands, Norway, Russia (NET), Slovakia, Spain, Sweden, Switzerland.

Limosina (Scotophilella) pseudoleucoptera Duda, 1924b: 175 [both sexes]. Type locality: Germany, Westfalen, Herten. LT male, designated by Roháček, 1983e: 136 (HNHM).

Leptocera (Scotophilella) pseudoleucoptera. - Duda, 1925: 159 [generic combination, key].

Leptocera (Limosina) pseudoleucoptera. - Richards, 1930: 297 [subgeneric combination].

Limosina (Limosina) pseudoleucoptera. - Duda, 1938: 139 [redescription].

Limosina pseudoleucoptera. - Laurence 1955a: 189 [biology, preimaginal stages, illustr.].

Telomerina pseudoleucoptera. - Roháček, 1983e: 136 [generic combination, both sexes, redescription]; Roháček, 1985a: 157-159 [illustr.]; Marshall & Roháček, 1984: 138 [both sexes, redescription, phylogeny, illustr.].

Limosina pseudoleucoptera. - Papp, 1984: 102 [Palaearctic catalog].

Telomerina submerda Marshall & Roháček, 1984. **Distr.:** Nearctic: USA (AL, AR, FL, LA, MS, OK, SC, TX).

Telomerina submerda Marshall & Roháček, 1984: 132 [both sexes, phylogeny, illustr.]. Type locality: USA, Florida, Alachua Co. HT male (CNCI).

Telomerina ursina Roháček, 1983. **Distr.:** Palaearctic: Russia (FE, WS), Slovakia.

Telomerina ursina Roháček, 1983e: 132 [both sexes, phylogenetic notes]. Type locality: Slovakia, Kremnické pohorie Mts., Turček env. [850 m]. HT male (SMOC). - Roháček, 1985a: 150, 152-153 [illustr.]; Marshall & Roháček, 1984: 142 [both sexes, redescription, phylogeny, illustr.].

Genus *Terrilimosina* Roháček, 1983

Terrilimosina Roháček, 1983e: 21 (feminine). Type species: *Limosina racovitzai* Bezzi, 1911, original designation. - Roháček, 1983e: 21-27 [diagnosis, revision of European species, key, illustr.]; Marshall, 1985c: 759-764 [diagnosis, revision of Nearctic species, key, illustr.]; Marshall, 1987a: 502-511 [diagnosis, review of world species, key, phylogeny, illustr.]; Marshall & Richards, 1987: 1000 [diagnosis in key]; Hayashi, 1992b: 567-574 [diagnosis, revision of Japanese species, key, illustr.]; Roháček, 1998a: 489 [diagnosis in key, illustr.].

Terrilimosina Roháček, 1982c: 222 [nomen nudum, phylogeny].

Terrilimosina brevipexa Marshall, 1987. **Distr.:** Palaearctic: Japan.

Terrilimosina brevipexa Marshall, 1987a: 503 [both sexes, phylogeny, illustr.]. Type locality: Japan, Shikoku, Ishizuchi Mt. National Park, Tsuchigoya [1,400 m]. HT male (CNCI). - Hayashi, 1992b: 568 [key, illustr.].

Terrilimosina corrivalis (Villeneuve, 1918). **Distr.:** Palaearctic: Czech Republic, Germany, Slovakia, Switzerland, Ukraine.

Limosina (Leptocera) corrivalis Villeneuve, 1918b: 81 [male]. Type locality: Ukraine, Tiszaborkút (= Borkút = Kvasi) nr. Rakhov. LT male, designated by Roháček, 2001: 476 (MNHN).

Leptocera (Scotophilella) corrivalis. - Duda, 1925: 161 [generic combination, key].

Limosina (Limosina) corrivalis. - Duda, 1938: 117 [subgeneric combination].

Limosina corrivalis. - Papp, 1973c: 56 [key]; Papp, 1984: 97 [Palaearctic catalog].

Terrilimosina corrivalis. - Roháček, 2001: 476 [generic combination, notes].

Limosina sudetica Roháček, 1975d: 121 [both sexes, illustr.]. Type locality: Czech Republic, Moravia, Hrubý Jeseník Mts., Kouty nad Desnou. HT male (JRO). - Papp, 1984: 104 [Palaearctic catalog]; Roháček, 2001: 476 [synonymy].

Terrilimosina sudetica. - Roháček, 1982c: 270-272 [illustr.]; Roháček, 1983e: 25 [generic combination, redescription, illustr.]; Marshall, 1987a: 511 [phylogeny].

Terrilimosina deemingi Marshall, 1987. **Distr.:** Oriental: Nepal.

Terrilimosina deemingi Marshall, 1987a: 504 [both sexes, phylogeny, illustr.]. Type locality: Nepal, between Ghopte and Thare Pati [3,200 m]. HT male (CNCI).

Terrilimosina intricata Papp, 1991. **Distr.:** Oriental: Nepal, Pakistan.

Terrilimosina intricata Papp, 1991b: 231 [both sexes, illustr.]. Type locality: Pakistan, Swat, Malam Jabba [2,500-2,600 m]. HT male (MHNG).

Terrilimosina longipexa Marshall, 1987. **Distr.:** Oriental: India (Uttaranchal), Nepal; Palaearctic: Japan.

Terrilimosina longipexa Marshall, 1987a: 505 [both sexes, phylogeny, illustr.]. Type locality: Japan, Shikoku, Ishizuchi Mt. National Park, Omogo Valley [700 m]. HT male (CNCI). - Hayashi, 1992b: 568 [key, phylogenetic notes, illustr.].

Terrilimosina nana Hayashi, 1992. **Distr.:** Palaearctic: Japan.

Terrilimosina nana Hayashi, 1992b: 569 [both sexes, phylogenetic notes, illustr.]. Type locality: Japan, Saitama, Iruma-gun, Moroyama. HT male (ITLJ). - Hayashi & Tuno, 1998: 359 [breeding record from fungi].

Terrilimosina paralongipexa Hayashi, 1992. **Distr.:** Palaearctic: Japan.

Terrilimosina paralongipexa Hayashi, 1992b: 572 [both sexes, phylogenetic notes, illustr.]. Type locality: Japan, Saitama, Iruma-gun, Moroyama. HT male (ITLJ).

Terrilimosina pexa Marshall, 1985. **Distr.:** Nearctic: Canada (NB, NS, ON), USA (AK, AR, NH, OK).

Terrilimosina pexa Marshall, 1985c: 761 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Deux Rivieres. HT male (CNCI). - Marshall, 1987a: 511 [phylogeny].

Terrilimosina racovitzai (Bezzi, 1911). **Distr.:** Nearctic: Canada (ON), USA (IA, IL, NY, PA, WI); Palaearctic: Afghanistan, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Czech Republic, Finland, France, Germany, Great Britain, Hungary, Italy, Netherlands, Poland, Russia (SET), Slovakia, Spain, Sweden, Switzerland, Turkey, Ukraine.

Limosina Racovitzai Bezzi, 1911: 66 [both sexes]. Type localities: France, Grotte de la Garosse à La-Bastide-de-Sérou; Ruisseau souterrain d'Aulot à Saint-Girons; Grotte de

Neuf-Fonts à Aulus; Grotte d'Izeste ou d'Arudy à Arudy; Baoumo de Pasques à Collias; Catacombes de Bicêtre au Kremlin- Bicêtre; Gouffre de Padivac à Padivac. STs, both sexes (depository not located, see Roháček, 1983e: 48). - Papp, 1984: 102 [Palaeartic catalog].

Limosina (Scotophilella) Racovitzai. - Duda, 1918: 113 [redescription, subgeneric combination, illustr.].

Leptocera (Scotophilella) Racovitzai. - Duda, 1925: 155 [generic combination].

Limosina (Limosina) Racovitzai - Duda, 1938: 142 [subgeneric combination, illustr.].

Limosina Rakovitzai. - Papp, 1973c: 49 [key, misspelling].

Terrilimosina racovitzai. - Roháček, 1982c: 267-269 [illustr.]; 1983e: 23 [generic combination, redescription, phylogenetic notes]; Marshall, 1987a: 511 [phylogeny]; Skidmore, 1993: 9, 19 [puparium, illustr.].

Limosina mikrops Duda in Czizek, 1916: 40 [both sexes]. Type locality: Czech Republic, Moravia, Ochoser Höhle (= Ochozská jeskyně). LT male, designated by Roháček, 1981: 163 (MMBC). - Roháček, 1981: 163 [synonymy].

Limosina (Scotophilella) Racovitzai var. *microps*. - Duda, 1918: 36 [misspelling].

Leptocera (Limosina) racovitzai var. *microps*. - Richards, 1964b: 146 [misspelling].

Limosina (Scotophilella) Racovitzai var. *Pokorny* Duda, 1918: 113 [both sexes]. Type locality: Hungary, Agtelbarlang. LT male, designated by Roháček, 1981: 163 (HNHM). - Roháček, 1981: 163 [synonymy].

Terrilimosina schmitzi (Duda, 1918). **Distr.:** Nearctic: Canada (AB, BC, NB, NF, NS, NT, QC, SK, YT), USA (AK, NC, NH, NY, OR, WA); Palaeartic: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Great Britain, Hungary, Iceland, Italy, Latvia, Mongolia, Netherlands, North Korea, Norway, Poland, Roumania, Russia (FE, NET, WS), Slovakia, Spain, Sweden, Switzerland.

Limosina (Scotophilella) Schmitzi Duda, 1918: 111 [both sexes, illustr.]. Type locality: Germany, Südharz, Ilfeld. LT male, designated by Roháček, 1983e: 26 (ZMHB).

Leptocera (Scotophilella) Schmitzi. - Duda, 1925: 155 [generic combination].

Leptocera (Limosina) schmitzi. - Richards, 1930: 292 [subgeneric combination]; Richards, 1965c: 724 [Nearctic catalog].

Limosina (Limosina) Schmitzi. - Duda, 1938: 144 [redescription, illustr.].

Terrilimosina schmitzi. - Roháček, 1982c: 267, 272-274 [illustr.]; Roháček, 1983e: 26-27 [generic combination, redescription]; Marshall, 1985c: 763 [diagnosis]; Marshall, 1987a: 511 [phylogeny].

Limosina schmitzi. - Papp, 1984: 103 [Palaeartic catalog].

Leptocera (Scotophilella) curtiventris. - Spuler, 1925c: 73 [misidentification, cf. Roháček, 1983e: 27].

Terrilimosina smetanai Marshall, 1987. **Distr.:** Oriental: Nepal, Pakistan.

Terrilimosina smetanai Marshall, 1987a: 507 [both sexes, phylogeny, illustr.]. Type locality: Nepal, below Thare Pati [3,300 m]. HT male (CNCI).

Terrilimosina unio Marshall, 1987. **Distr.:** Oriental: Indonesia (Java), Nepal.

Terrilimosina unio Marshall, 1987a: 508 [both sexes, phylogeny, illustr.]. Type locality: Nepal, Taplejung Distr., river banks below Tamrang Bridge [5,500 ft]. HT male (BMNH).

Genus *Thoracochaeta* Duda, 1918

- Thoracochaeta* Duda, 1918: 32 (feminine) [as subgenus of *Limosina* Macquart, 1835]. Type species: *Borborus zosterae* Haliday, 1833, subsequent designation by Spuler, 1925a: 120. - Spuler, 1924d: 375 [as subgenus of *Leptocera* Olivier, 1813; diagnosis in key]; Spuler, 1925a: 119-122 [as subgenus of *Leptocera*; diagnosis, revision of Nearctic species, key]; Duda, 1925: 198-199 [as subgenus of *Leptocera*; diagnosis]; Richards, 1930: 289-290 [as subgenus of *Leptocera*; diagnosis]; 1931: 77-79 [as subgenus of *Leptocera*; key]; Duda, 1938: 23, 97-100 [as subgenus of *Limosina*; review of Palaearctic species, key]; Vanschuytbroeck, 1962a: 476 [as genus, diagnosis]; Richards, 1965c: 722 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 11 [as subgenus of *Leptocera*; Neotropical catalog]; Hackman, 1969a: 202, 207 [as genus, relationships, illustr.]; Papp, 1973c: 33-34 [as genus; diagnosis, Hungarian species, key, illustr.]; Richards, 1973: 324-329 [as subgenus of *Leptocera*; diagnosis, review of Australasian species, key to World species, illustr.]; Richards, 1980: 622 [as subgenus of *Leptocera*; Afrotropical catalog]; Marshall, 1982a: 64-76 [as subgenus of *Leptocera*; redescription, revision of Nearctic species, key, illustr.]; Papp, 1984: 84 [as genus; Palaearctic catalog]; Marshall & Richards, 1987: 999 [as genus; diagnosis in key]; Marshall, 1989b: 607 [as genus; Australasian/Oceanian catalog]; Roháček, 1998a: 481 [as genus; diagnosis in key, illustr.]; Marshall & Roháček, 2000: 262-309 [as genus; diagnosis, phylogenetic notes, revision of extra-Holarctic species, key, illustr.]; Roháček & Marshall, 2000: 316-369 [as genus; diagnosis, phylogenetic notes, revision of Palaearctic species, key, illustr.].
- Toracochaeta*. - Kuznetzova, 1986a: 12 [misspelling]; Kuznetzova, 1987a: 64, 67 [ditto].

Thoracochaeta accola Roháček & Marshall, 2000. **Distr.:** Palaearctic: Georgia, Greece, Ukraine.

Thoracochaeta accola Roháček & Marshall, 2000: 334 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Ukraine, Odessa, 46°28' N, 30°48' E. HT male (SMOC).

Thoracochaeta acinaces Roháček & Marshall, 2000. **Distr.:** Oriental: China (FUJ); Palaearctic: Japan.

Thoracochaeta acinaces Roháček & Marshall, 2000: 362 [both sexes, phylogenetic notes, key, illustr.]. Type locality: China, Fujian, Foochow (= Fuzhou). HT male (BMNH).

Thoracochaeta alia Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian: New Zealand.

Thoracochaeta alia Marshall & Roháček, 2000: 282 [both sexes, phylogenetic notes, key, illustr.]. Type locality: New Zealand, South Island, Nape Nape, 20 km SE Cheviot. HT male (NZAC).

Thoracochaeta ancudensis (Richards, 1931) **Distr.:** Australasian/Oceanian: New Zealand; Neotropical: Chile.

Leptocera (*Thoracochaeta*) *ancudensis* Richards, 1931: 78 [both sexes, illustr.]. Type locality: Chile, Chiloé I., Ancud. HT male (BMNH). - Richards, 1967b: 11 [Neotropical catalog]; Richards, 1973: 329 [key].

Thoracochaeta ancudensis. - Marshall & Roháček, 2000: 287-290 [generic combination, redescription, phylogenetic notes, key, illustr.].

Leptocera (*Limosina*) *aucklandica* Harrison, 1959: 276 [both sexes, illustr.]. Type locality: New Zealand, Auckland, Blockhouse Bay. HT male (NZAC). - Richards, 1973: 381 [diagnosis, taxonomic notes]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Roháček, 2000: 287 [synonymy].

Thoracochaeta arnaudi (Richards, 1963). **Distr.:** Nearctic: Canada (BC), USA (CA); Neotropical: Mexico (BCS).

Leptocera (Thoracochaeta) arnaudi Richards, 1963d: 239 [both sexes, illustr.]. Type locality: Mexico, Baja California, San Bartolomé. HT male (CASC). - Richards, 1967b: 11 [Neotropical catalog]; Richards, 1973: 329 [key]; Marshall, 1982a: 66-67 [redescription, genitalia, illustr.].

Thoracochaeta arnaudi. - Marshall & Norrbom, 1985: 24 [generic combination]; Marshall & Roháček, 2000: 266 [key].

Thoracochaeta bajaminuta (Marshall, 1982). **Distr.:** Nearctic: USA (CA); Neotropical: Mexico (BCN, SON).

Leptocera (Thoracochaeta) bajaminuta Marshall, 1982a: 76 [both sexes, illustr.]. Type locality: Mexico, Baja California Norte, Isla Miramar (Isla el Muerto). HT male (CASC).

Thoracochaeta bajaminuta. - Marshall & Roháček, 2000: 266 [generic combination, key].

Thoracochaeta brachystoma (Stenhammar, 1855). **Distr.:** Afrotropical: Cameroon, Ghana, Seychelles, South Africa, Yemen; Australasian/Oceanian: Australia (NSW), Cook Is., Hawaii (USA), Micronesia (Yap Is.), New Caledonia, Palau (USA); Nearctic: Canada (NB, NS, PE, QC), USA (CT, FL, MA, NH, NY, RI, TX); Neotropical: Antigua, Argentina, Bahamas, Belize, Bermuda, Chile, Dominica, Easter I., Jamaica, Juan Fernández Is. (Chile), Mexico (QNR, YUC), Peru, Turks & Caicos, Venezuela; Oriental: Indonesia (Sumatra), Philippines; Palearctic: Algeria, Azores (Portugal), Belgium, Bulgaria, Canary Is. (Spain), Croatia, Czech Republic, Denmark, Egypt, Finland, France, Georgia, Germany, Great Britain, Greece, Italy, Lebanon, Japan, Madeira (Portugal), Malta, Netherlands, Norway, Poland, Roumania, Spain (incl. Balearic Is.), Sweden, Tunisia, Ukraine; South Atlantic: Gough I., Tristan da Cunha.

Limosina brachystoma Stenhammar, 1855: 393 [both sexes]. Type locality: Sweden, Skåne, Lomma. NT male, designated by Roháček & Marshall, 2000: 321 (MZLU).

Limosina (Thoracochaeta) brachystoma. - Duda, 1918: 100-103 [subgeneric combination, redescription, illustr.]; Duda, 1938: 98 [redescription, illustr.].

Leptocera (Thoracochaeta) brachystoma. - Duda, 1925: 198 [generic combination]; Tenorio, 1968: 183, 190, 194, 206-207 [diagnosis, male genitalia, preimaginal stages, life-history, illustr.]; Richards, 1965c: 722 [Nearctic catalog]; Richards, 1967b: 11 [Neotropical catalog]; Richards, 1973: 329 [key]; Richards, 1980: 622 [Afrotropical catalog]; Marshall, 1982a: 69-71 [redescription, both sexes, larva, taxonomic notes, illustr.].

Thoracochaeta brachystoma. - Frey, 1941: 26 [generic combination]; Papp, 1973c: 34 [key, illustr.]; Papp, 1984: 85 [Palearctic catalog]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Skidmore, 1993: 10, 19 [puparium, illustr.]; Marshall & Roháček, 2000: 265, 269-273 [taxonomic & phylogenetic notes, variability, distribution, key, illustr.]; Roháček & Marshall, 2000: 318, 321-327 [redescription, phylogenetic notes, variability, biology, distribution, key, illustr.].

Limosina andalusiaca Strobl, 1900: 69 [both sexes]. Type locality: Spain, Algeciras. LT male, designated by Roháček & Marshall, 2000: 322 (NMBA). - Duda, 1918: 100 [synonymy].

Limosina (Thoracochaeta) brachystoma var. *nigripennis* Duda, 1918: 102 [female]. Type locality: Germany, Westfalen, Eickel ["Herten" on original label]. HT female (ZMHB). - Roháček & Marshall, 2000: 321 [synonymy].

Thoracochaeta nigripennis. - Papp, 1984: 86 [generic combination, species status, Palearctic catalog].

- Leptocera (Thoracochaeta) rufa* Spuler, 1925a: 122 [both sexes]. Type locality: USA, Massachusetts, Horseneck Beach. HT male (USNM). - Richards, 1965c: 722 [Nearctic catalog]; Richards, 1973: 329 [key]; Marshall, 1982a: 69 [synonymy].
- Thoracochaeta rudis* Vanschuytbroeck, 1951c: 186 [female]. Type locality: Belgium, Knocke-sur-mer. HT female (ISNB). - Papp, 1984: 85 [Palaeartic catalog]; Roháček & Marshall, 2000: 321 [synonymy].
- Limosina (Thoracochaeta) fittkai* Remmert, 1955: 471 [both sexes, illustr.]. Type locality: Egypt, Hurgada. HT, sex not stated (present depository unknown, see Roháček & Marshall, 2000: 322); 3 male and 3 female paratypes (BMNH). - Richards, 1963a: 120 [taxonomic notes, illustr.]; Richards, 1973: 329 [key]; Roháček & Marshall, 2000: 321 [synonymy].
- Thoracochaeta fittkai*. - Papp, 1984: 85 [generic combination, Palaeartic catalog]; Marshall, 1989b: 607 [Australasian/Oceanian catalog].
- Elachisoma spinicosta* Collin, 1966: 36 [female]. Type locality: Italy, Delta Padono, Rosolina mare. HT female (MCNV). - Papp, 1984: 83 [Palaeartic catalog]; Munari, 1994: 195 [synonymy].
- Leptocera (Thoracochaeta) fucicola* Richards, 1973: 326 [both sexes, illustr.]. Type locality: Australia, New South Wales, Long Reef. HT male (AMSA). - Marshall & Roháček, 2000: 268 [synonymy].
- Thoracochaeta fucicola*. - Marshall, 1989b: 607 [generic combination; Australasian/Oceanian catalog].
- Thoracochaeta tunisica* Papp, 1978c: 198 [both sexes, illustr.]. Type locality: Tunisia, Monastir. NT male, designated by Roháček & Marshall, 2000: 322 (HNHM). - Papp, 1984: 85 [Palaeartic catalog]; Roháček & Marshall, 2000: 321 [synonymy].
- Thoracochaeta calminuta*** (Marshall, 1982). **Distr.:** Nearctic: USA (CA).
Leptocera (Thoracochaeta) calminuta Marshall, 1982a: 76 [male, illustr.]. Type locality: USA, California, San Diego Co., Del Mar Beach. HT male (CNCI).
Thoracochaeta calminuta. - Poole & Gentili, 1996: 250 [generic combination]; Marshall & Roháček, 2000: 263 [key].
- Thoracochaeta cercalis*** Roháček & Marshall, 2000. **Distr.:** Palaeartic: Russia (FE).
Thoracochaeta cercalis Roháček & Marshall, 2000: 350 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Russia, Kuril Archipelago, Lovushki Rocks, 48°33'26" N, 153°51'40" E. HT male (CASC).
- Thoracochaeta conglobata*** Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian: New Zealand.
Thoracochaeta conglobata Marshall & Roháček, 2000: 279 [both sexes, phylogenetic notes, key, illustr.]. Type locality: New Zealand, North Island, Castle Point Beach. HT male (NZAC).
- Thoracochaeta cubita*** Marshall & Norrbom, 1985. **Distr.:** Nearctic: USA (CA).
Thoracochaeta cubita Marshall & Norrbom, 1985: 24 [male, puparium, illustr.]. Type locality: USA, California, Marin Co., Bolinas Point. HT male (CASC). - Marshall & Roháček, 2000: 266 [key].
- Thoracochaeta erectiseta*** Carles-Tolrá, 1994. **Distr.:** Palaeartic: Canary Is. (Spain), Great Britain, Italy (Sicily), Spain (Balearic Is.).
Thoracochaeta erectiseta Carles-Tolrá, 1994a: 92 [both sexes, taxonomic notes, illustr.]. Type locality: Spain, Balearic Islands, Ibiza, Cala Es Canar. HT male (CTB). - Roháček & Marshall, 2000: 320, 338-341 [redescription, phylogenetic notes, key, illustr.].
- Thoracochaeta falx*** Marshall & Roháček, 2000. **Distr.:** Afrotropical: South Africa.

Thoracochaeta falx Marshall & Roháček, 2000: 305 [both sexes, phylogenetic notes, key, illustr.]. Type locality: South Africa, Western Cape, Stilbaai-Wes, 34°23'01" S, 21°25'24" E. HT male (NMSA).

Thoracochaeta flaminuta (Marshall, 1982). **Distr.:** Nearctic: USA (FL); Neotropical: Bahamas, Mexico (QRN).

Leptocera (*Thoracochaeta*) *flaminuta* Marshall, 1982a: 73 [male, illustr.]. Type locality: USA, Florida, Pennecamp Coral Reef Park. HT male (CNCI).

Thoracochaeta flaminuta. - Poole & Gentili, 1996: 250 [generic combination]; Marshall & Roháček, 2000: 266, 308 [key, distribution].

Thoracochaeta gemina Roháček & Marshall, 2000. **Distr.:** Palaearctic: Russia (FE).

Thoracochaeta gemina Roháček & Marshall, 2000: 353 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Russia, Kuril Archipelago, Yankicha, 47°30'45" N, 152°49'09" E. HT male (CASC).

Thoracochaeta harrisoni Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian: New Zealand.

Thoracochaeta harrisoni Marshall & Roháček, 2000: 293 [both sexes, phylogenetic notes, key, illustr.]. Type locality: New Zealand, Chatham Island, Port Weeding. HT male (NZAC).

Thoracochaeta hirsutimera Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian: Australia (SA).

Thoracochaeta hirsutimera Marshall & Roháček, 2000: 277 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Australia, South Australia, Glenelg. HT male (FMNH).

Thoracochaeta imitatrix Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian: New Zealand.

Thoracochaeta imitatrix Marshall & Roháček, 2000: 272 [male, phylogenetic notes, key, illustr.]. Type locality: New Zealand, South Island, Farewell Spit. HT male (NZAC).

Thoracochaeta johnsoni (Spuler, 1925). **Distr.:** Nearctic: Canada (BC), USA (CA, OR, WA); Neotropical: Argentina, Chile, Mexico (BCS); Palaearctic: Great Britain, Italy, Japan.

Leptocera (*Thoracochaeta*) *johnsoni* Spuler, 1925: 121 [both sexes, illustr.]. Type locality: USA, Washington, Seattle. HT female (USNM). - Richards, 1965c: 722 [Nearctic catalog]; Richards, 1967b: 11 [Neotropical catalog]; Richards, 1973: 329 [key]; Marshall, 1982a: 71-73 [both sexes, illustr.].

Leptocera johnsoni. - Kompfner, 1972: 45-51 [larva, puparium, biology, illustr.].

Thoracochaeta johnsoni. - Hayashi, 1986a: 116, 199 [generic combination, key, illustr.]; Munari & Scarpa, 1989: 80 [distribution]; Kurahashi et al., 1998: 1-5 [morphology, biology, illustr.]; Mihara et al., 1998: 61-66 [mass breeding, migration, control, illustr.]; Marshall & Roháček, 2000: 266, 306 [key, distribution]; Roháček & Marshall, 2000: 318, 366-369 [redescription, phylogenetic notes, key, illustr.].

Thoracochaeta lanx Roháček & Marshall, 2000. **Distr.:** Palaearctic: Great Britain.

Thoracochaeta lanx Roháček & Marshall, 2000: 346 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Great Britain, England, Pagham Beach, 50°46' N, 00°45' W. HT male (BMNH).

Thoracochaeta mediterranea Munari, 1989. **Distr.:** Palaearctic: Croatia, Italy (Pantelleria I.), Malta, Spain (Balearic Is.).

Thoracochaeta mediterranea Munari, 1989b: 70 [male, taxonomic notes, illustr.]. Type locality: Italy, Is. Pantelleria (TP), Le Balate. HT male (MCNV). - Roháček & Marshall, 2000: 320, 330-334 [redescription, both sexes, phylogenetic notes, key, illustr.].

Thoracochaeta palpebris Carles-Tolrá, 1994a: 94 [both sexes, phylogenetic notes, illustr.].
Type locality: Spain, Balearic Islands, Ibiza, Cala Es Canar. HT male (CTB). - Roháček
& Marshall, 2000: 330 [synonymy].

Thoracochaeta miranda Roháček & Marshall, 2000. **Distr.:** Palaearctic: Japan.

Thoracochaeta miranda Roháček & Marshall, 2000: 356 [male, phylogenetic notes, key,
illustr.]. Type locality: Japan, Hokkaido, Kamiiso. HT male (ENIH).

Thoracochaeta mucronata Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian:
New Zealand.

Thoracochaeta mucronata Marshall & Roháček, 2000: 285 [male, phylogenetic notes, key,
illustr.]. Type locality: New Zealand, South Island, Farewell Spit. HT male (NZAC).

Thoracochaeta neofucicola Marshall & Roháček, 2000. **Distr.:** Australasian/Oceanian:
Australia (NSW, SA).

Thoracochaeta neofucicola Marshall & Roháček, 2000: 274 [both sexes, phylogenetic notes,
key, illustr.]. Type locality: Australia, South Australia, Victoria Harbour. HT male
(AMSA).

Thoracochaeta pauliani (Séguy, 1954). **Distr.:** Subantarctic: Kerguelen Is.

Leptocera Pauliani Séguy, 1954a: 610 [both sexes, illustr.]. Type localities: Iles Kerguelen,
Pointe Guite; Pointe Suzanne; Presqu'île du Prince-de-Galles. STs, both sexes (MNHN),
but recently not located, see Marshall & Roháček, 2000: 309).

Leptocera (? *Thoracochaeta*) *pauliani*. - Richards, 1973: 329 [subgeneric combination].

Thoracochaeta pauliani. - Marshall & Roháček, 2000: 309 [generic combination].

Note: A doubtful species, possibly synonym of *T. brachystoma*.

Thoracochaeta peculiaris (Richards, 1973). **Distr.:** Australasian/Oceanian: Australia
(NSW, SA, WA).

Leptocera (*Thoracochaeta*) *peculiaris* Richards, 1973: 324 [both sexes, illustr.]. Type loca-
lity: Australia, Western Australia, Carnac Is. HT male (ANIC).

Thoracochaeta peculiaris. - Marshall, 1989b: 607 [generic combination; Australasian/Ocean-
ian catalog]; Marshall & Roháček, 2000: 266-270 [redescription, phylogenetic notes,
key, illustr.].

Thoracochaeta pertica Marshall & Roháček, 2000. **Distr.:** Afrotropical: Namibia.

Thoracochaeta pertica Marshall & Roháček, 2000: 299 [both sexes, phylogenetic notes, key,
illustr.]. Type locality: Namibia, Lüderitz distr., False Plum Pudding, at 27°36'20" S,
15°29'59" E. HT male (NMWN).

Thoracochaeta pugillaris Marshall & Roháček, 2000. **Distr.:** Afrotropical: Namibia,
South Africa.

Thoracochaeta pugillaris Marshall & Roháček, 2000: 302 [both sexes, phylogenetic notes,
key, illustr.]. Type locality: South Africa, Northern Cape, McDougall's Bay, 29°17'10" S,
16°52'39" E. HT male (NMWN).

Thoracochaeta securis Marshall & Roháček, 2000. **Distr.:** Afrotropical: Namibia,
South Africa.

Thoracochaeta securis Marshall & Roháček, 2000: 296 [both sexes, phylogenetic notes, key,
illustr.]. Type locality: Namibia, Swakopmund distr., at 22°23'34" S, 14°26'23" E. HT
male (NMWN).

Thoracochaeta seticosta (Spuler, 1925). **Distr.:** Nearctic: Canada (BC, NB, NF, NS,
PE, QC), USA (AK, CA, OR, WA); Palaearctic: Denmark, Great Britain, Japan,
Norway, Russia (FE), Sweden; South Atlantic: ?Tristan da Cunha.

Leptocera (*Thoracochaeta*) *seticosta* Spuler, 1925a: 120 [female, illustr.]. Type locality:
USA, Washington, Seattle. HT female (USNM). - Richards, 1965c: 722 [Nearctic cata-

log]; Richards, 1973: 329 [key]; Richards, 1980: 622 [Afrotropical catalog]; Marshall, 1982a: 72-73 [redescription, both sexes, larva, illustr.].

Thoracochaeta seticosta. - Florén, 1989: 14 [generic combination]; Marshall & Roháček, 2000: 266, 309 [key, distribution]; Roháček & Marshall, 2000: 321, 359-362 [redescription, phylogenetic notes, key, illustr.].

Thoracochaeta teskeyi (Marshall, 1982). **Distr.:** Nearctic: USA (CA, OR), Canada (BC).

Leptocera (*Thoracochaeta*) *teskeyi* Marshall, 1982: 67 [both sexes, illustr.]. Type locality: USA, Oregon, Santa Cruz Co., Beach at Waddell Creek. HT male (CASC).

Thoracochaeta teskeyi. - Poole & Gentili, 1996: 250 [generic combination]; Marshall & Roháček, 2000: 266 [key].

Thoracochaeta valentinei Roháček & Marshall, 2000. **Distr.:** Palaearctic: Belgium, Great Britain.

Thoracochaeta valentinei Roháček & Marshall, 2000: 327 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Great Britain, England, Somerset, Berrow Sands. HT male (BMNH).

Thoracochaeta zealandica (Harrison, 1959). **Distr.:** Australasian/Oceanian: New Zealand.

Leptocera (*Thoracochaeta*) *zealandica* Harrison, 1959: 277 [both sexes, illustr.]. Type locality: New Zealand, Waiheke Island, Palm Beach. HT male (NZAC). - Richards, 1973: 329 [key].

Thoracochaeta zealandica. - Marshall, 1989b: 607 [generic combination; Australasian/Oceanian catalog]; Marshall & Roháček, 2000: 290-293 [redescription, phylogenetic notes, key, illustr.].

Thoracochaeta zosteræ (Haliday, 1833). **Distr.:** Nearctic: Canada (NB, NS, ON, PE), USA (ME); Neotropical: Argentina; Palaearctic: Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Faeroe Is. (Denmark), Finland, France, Germany, Great Britain, Greece, Hungary, Iceland, Ireland, Italy, Japan, Latvia, Lebanon, Malta, Netherlands, Norway, Poland, Roumania, Russia (NET, FE, SET), Slovakia, Sweden, Switzerland, Turkey, Yugoslavia; South Atlantic: Gough I.; South Indian Ocean: Ile Saint Paul.

Borborus Zosteræ Haliday, 1833: 178 [both sexes ?]. Type locality: Ireland, Downshire, Holywood. LT male, designated by Roháček & Marshall, 2000: 341 (NMID).

Limosina Zosteræ. - Haliday, 1836: 333 [generic combination, redescription].

Limosina (*Thoracochaeta*) *zosteræ*. - Duda, 1918: 97-100 [subgeneric combination, redescription, illustr.]; Duda, 1938: 99-100 [redescription, illustr.].

Leptocera (*Thoracochaeta*) *Zosteræ*. - Duda, 1925: 198 [generic combination].

Leptocera (*Thoracochaeta*) *zosteræ*. - Richards, 1930: 289 [correct spelling, preimaginal stages, illustr.]; Richards, 1973: 329 [key]; Marshall, 1982a: 67-69 [redescription, both sexes, preimaginal stages, biology, illustr.].

Thoracochaeta zosteræ. - Frey, 1941: 26 [generic combination]; Egglisshaw, 1961a: 124-128 [life-history, preimaginal stages, illustr.]; Egglisshaw, 1961b: 17-18 [mass migration]; Papp, 1973c: 34 [key, illustr.]; Papp, 1984: 85 [Palaearctic catalog]; Skidmore, 1993: 10, 19 [puparium, illustr.]; Marshall & Roháček, 2000: 265, 309 [key, distribution]; Roháček & Marshall, 2000: 320, 341-346 [redescription, phylogenetic notes, key, biology, illustr.].

Toracochaeta zosteræ. - Kuznetzova, 1986a: 12 [misspelling of genus name]; Kuznetzova, 1987a: 64, 67 [ditto].

- Limosina fulvipes* Meigen, 1838: 411 [sex not stated]. Type locality: Germany, "Hiesige Gegend" [probably nr. Aachen]. LT female, designated by Roháček & Marshall, 2000: 342 (MNHN). - Villeneuve, 1914a: 207 [synonymy].
- Borborus fulvipes*. - Morge, 1976: Pl. 303, Figs 9a,b [Meigen's original illustr.].
- Limosina setulosa* Zetterstedt, 1847: 2502 [female]. Type locality: Sweden, "ad Östra Torp Scaniae". HT female (MZLU, cf. Roháček & Marshall, 2000: 342). - Zetterstedt, 1860: 6414 [synonymy].
- Limosina piligera* Stenhammar, 1855: 386 [both sexes?]. Type locality: Sweden, Lappland, "ad Muonioniska". STs (not located in UZIU, cf. Kim, 1972: 206, present depository unknown). - Zetterstedt, 1860: 6414 [probable synonymy]; Duda, 1938: 99 [synonymy].
- Limosina ciliosa* Rondani, 1880: 29 [both sexes?]. Type locality: Italy, "Italia superiore et media". LT male, designated by Roháček & Marshall, 2000: 342 (MZUF). - Duda, 1918: 97 [synonymy].
- Leptocera Sancti-Pauli* Séguy, 1940: 252 [female]. Type locality: Ile Saint-Paul, intér. du cratère, côté nord. LT female, designated by Richards, 1973: 329 (MNHN). - Marshall & Roháček, 2000: 309 [synonymy].
- Leptocera (Thoracochaeta) sanctipauli*. - Richards, 1973: 329 [subgeneric combination, taxonomic notes].

Genus *Trachyopella* Duda, 1918

- Trachyopella* Duda, 1918: 15, 34 (feminine) [nom.n. for *Trachyops* Rondani, 1880; as subgenus of *Limosina* Macquart, 1835]. Type species: *Limosina melania* Haliday, 1836, automatic. - Spuler, 1924d: 376 [as subgenus of *Leptocera* Olivier, 1813; key]; Spuler, 1925a: 103 [as subgenus of *Leptocera*; unnecessary type species designation]; Duda, 1925: 75, 199-202 [as subgenus of *Leptocera*; diagnosis, key, review of species]; Richards, 1930: 305-306 [as subgenus of *Leptocera*; diagnosis, British species, key]; Duda, 1938: 154-158 [as subgenus of *Limosina*; review of Palearctic species, key]; Vanschuytbroeck, 1951b: 15 [as genus]; Richards, 1963a: 128-132 [as subgenus of *Leptocera*; diagnosis, Micronesian species]; Richards, 1965c: 225 [as subgenus of *Leptocera*; Nearctic catalog]; Richards, 1967b: 15 [as subgenus of *Leptocera*; Neotropical catalog]; Richards, 1967c: 533-534 [key to world species]; Hackman, 1969a: 202, 207 [as genus; phylogenetic notes, biogeography]; Papp, 1973c: 35-37 [as genus; Hungarian species, key]; Hackman, 1977: 406 [as genus; Oriental catalog]; Richards, 1980: 622 [as subgenus of *Leptocera*; Afrotropical catalog]; Papp, 1984: 84 [as genus; Palearctic catalog]; Roháček & Marshall, 1986a: 7-104 [diagnosis, revision of Holarctic species, key, phylogeny, zoogeography, illustr.]; Marshall & Richards, 1987: 1000 [as genus; diagnosis in key]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Montagnes, 1990: 851-875 [revision of Pacific species, key, phylogenetic notes, illustr.]; Roháček, 1998a: 479 [diagnosis in key, illustr.].
- Trachyops* Rondani, 1880: 24 (masculine) [a junior homonym of *Trachyops* Dallas, 1851 (Hemiptera)]. Type species: *Limosina melania* Haliday, 1836, monotypy. - Duda, 1918: 15 [homonymy]; Richards, 1930: 265 [homonymy].
- Insulomyia* Papp, 1972c: 109 (feminine). Type species: *Insulomyia microps* Papp, 1972, original designation. - Roháček & Marshall, 1986a: 34 [as subgenus of *Trachyopella* Duda, 1918]. - Marshall & Montagnes, 1990: 852 [synonymy].
- Minuscula* Roháček & Marshall, 1986a: 46 (feminine) [a junior homonym of *Minuscula* Lebour, 1925 (Protozoa); as subgenus of *Trachyopella* Duda, 1918]. Type species: *Trachyopella*

minuscula Collin, 1956, original designation. - Roháček, 1998b: 153 [homonymy]. - **syn.n.** (see p. 22).

Nudopella: see below as subgenus.

Subgenus *Nudopella* Roháček & Marshall, 1986

Nudopella Roháček & Marshall, 1986a: 21 (feminine) [as subgenus of *Trachyopella* Duda, 1918]. Type species: *Limosina leucoptera* Haliday, 1836, original designation. - Roháček & Marshall, 1986a: 21-33 [diagnosis, revision of Holarctic species, key, phylogeny, illustr.]; Roháček, 1998a: 481 [diagnosis in key, illustr.].

Trachyopella* (*N.*) *collinella (Richards, 1946). **Distr.:** Australasian/Oceanian: Fiji Is, Guam (USA), Micronesia (Ponape, Truk Is., Yap Is.), New Caledonia, Northern Mariana Is. (Saipan), Palau (USA), Solomon Is.; Oriental: Indonesia (Celebes, Java), Maldives, Malaysia, Nepal.

Leptocera (*Limosina*) *collinella* Richards, 1946: 129 [both sexes]. Type locality: Guam, Pago. HT male (USNM). - Richards, 1963a: 127 [diagnosis, illustr.]; Marshall, 1989b: 607 [as unplaced species of Limosiniinae; Australasian/ Oceanian catalog].

Trachyopella collinella. - Marshall & Montagnes, 1990: 867-870 [generic combination, re-description, both sexes, phylogenetic notes, illustr.].

Leptocera (*Trachyopella*) *obliqua* Richards, 1963a: 129 [both sexes]. Type locality: Palau Is., Babelthuap I., Ngiwal. NT male (erroneously referred to as lectotype), designated by Marshall & Montagnes, 1990: 867 (BMNH). - Marshall & Montagnes, 1990: 867 [synonymy].

Trachyopella obliqua. - Hackman, 1977: 406 [generic combination, Oriental catalog]; Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Trachyopella* (*N.*) *hem Roháček & Marshall, 1986. **Distr.:** Palaearctic: Azores (Portugal), Canary Is. (Spain), Czech Republic, Madeira (Portugal), Portugal.

Trachyopella (*Nudopella*) *hem* Roháček & Marshall, 1986a: 25 [both sexes, phylogenetic notes, illustr.]. Type locality: Azores, São Miguel, Furnas. HT male (MZHF).

Trachyopella* (*N.*) *leucoptera (Haliday, 1836). **Distr.:** Afrotropical: ?Ethiopia, ?Zaire; Australasian/Oceanian: Hawaii Is. (USA); Nearctic: Canada (ON), USA (FL, MD); Oriental: Sri Lanka; Palaearctic: Afghanistan, Andorra, Azores (Portugal), Belgium, Canary Is. (Spain), Czech Republic, Denmark, Finland, Germany, Great Britain, Hungary, Ireland, Italy, Malta, Portugal, Roumania, Slovakia, Spain, Sweden, Switzerland; South Atlantic: ?Saint Helena.

Limosina leucoptera Haliday, 1836: 333 [both sexes]. Type locality: Ireland. LT male, designated by Roháček & Marshall, 1986a: 29 (NMID).

Limosina (*Trachyopella*) *leucoptera*. - Duda, 1918: 201 [subgeneric combination, re-description, illustr.]; Duda, 1938: 157 [redescription, illustr.].

Leptocera (*Trachyopella*) *leucoptera*. - Duda, 1925: 202 [generic combination]; Okely, 1974: 55-56 [puparium, illustr.]; Richards, 1980: 622 [Afrotropical catalog].

Trachyopella leucoptera. - Frey, 1945: 79 [generic combination]; Papp, 1984: 84 [Palaearctic catalog].

Trachyopella (*Nudopella*) *leucoptera*. - Roháček & Marshall, 1986a: 29-33 [subgeneric combination, re-description, phylogenetic notes, illustr.].

Limosina crassinervis Stenhammar, 1855: 424 [nomen nudum]. - Roháček & Marshall, 1986a: 29 [list].

Trachyopella (N.) operta Roháček & Marshall, 1986. **Distr.:** Palaearctic: North Korea. *Trachyopella (Nudopella) operta* Roháček & Marshall, 1986a: 22 [male, phylogenetic notes, illustr.]. Type locality: North Korea, Prov. South Pyongan, Chang-lyong san, 50 km E of Pyongyan and 15 km E of Sa-gam. HT male (HNHM).

Subgenus *Trachyopella* Duda, 1918

Trachyopella Duda, 1918: 15 (see above under the genus). - Roháček & Marshall, 1986a: 50-99 [as subgenus of *Trachyopella*; diagnosis, revision of Holarctic species, phylogenetic notes, key, illustr.]; Roháček, 1998a: 481 [diagnosis in key].

Trachyops Rondani, 1880: 24 (masculine) [a junior homonym of *Trachyops* Dallas, 1851 (Hemiptera)]. Type species: *Limosina melania* Haliday, 1836, monotypy. - Duda, 1918: 15 [homonymy]; Richards, 1930: 265 [homonymy].

Insulomyia Papp, 1972c: 109 (feminine). Type species: *Insulomyia microps* Papp, 1972, original designation. - Roháček & Marshall, 1986a: 34 [as subgenus of *Trachyopella* Duda, 1918]; Marshall & Montagnes, 1990: 852 [synonymy]; Roháček, 1998a: 481 [as subgenus of *Trachyopella*; diagnosis in key, illustr.].

Minuscula Roháček & Marshall, 1986a: 46 (feminine) [a junior homonym of *Minuscula* Lebour, 1925 (Protozoa); as subgenus of *Trachyopella* Duda, 1918]. Type species: *Trachyopella minuscula* Collin, 1956, original designation. - Roháček, 1998a: 481 [as subgenus of *Trachyopella*; diagnosis in key, illustr.]; Roháček, 1998b: 153 [homonymy]. - **syn.n.** (see p. 22).

Trachyopella (T.) aposterna Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: Australia (QLD).

Trachyopella aposterna Marshall in Marshall & Montagnes, 1990: 855 [male, phylogenetic notes, illustr.]. Type locality: Australia, Queensland, 10 km SE El Arish, Lacey's Creek, near Mission Beach. HT male (ANIC).

Trachyopella aposterni. - Marshall & Montagnes, 1990: 851, 854, 855 [misspelling].

Trachyopella (T.) apotarsata Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: Papua New Guinea (Bismarck Is., d'Entrecasteaux Is.).

Trachyopella apotarsata Marshall in Marshall & Montagnes, 1990: 856 [both sexes, phylogenetic notes, illustr.]. Type locality: Papua New Guinea, Goodenough Is., E Slope [900 m]. HT male (AMNH).

Trachyopella apotarsati. - Marshall & Montagnes, 1990: 851, 853, 854 [misspelling].

Trachyopella (T.) artivena Roháček & Marshall, 1986. **Distr.:** Palaearctic: Czech Republic, North Korea, Slovakia.

Trachyopella (Insulomyia) artivena Roháček & Marshall, 1986a: 43 [male, phylogenetic notes, illustr.]. Type locality: North Korea, Prov. South Phenan, NE outskirts of Pyongyang. HT male (HNHM). - Roháček, 1996: 228-230 [female, illustr.].

Trachyopella (T.) atomus (Rondani, 1880). **Distr.:** Afrotropical: ?Zaire; Australasian/Oceanian: Guam (USA), Hawaii (USA); Palaearctic: Afghanistan, Azores (Portugal), Belgium, Czech Republic, Germany, Great Britain, Hungary, Italy, Madeira (Portugal), Malta, Netherlands, Poland, ?Roumania, Slovakia, Spain, Sweden, Switzerland, ?Tadjikistan.

Elachisoma atomus Rondani, 1880: 19 [female]. Type locality: Italy, Parma. HT female (MZUF).

Limosina (Trachyopella) atomus. - Duda, 1938: 155 [generic combination, redescription, illustr.].

Leptocera (Trachyopella) atomus. - Tenorio, 1968: 199, 208 [generic combination, redescription, egg, puparium, life-history, illustr.]; Okely, 1974: 54-55 [puparium, illustr.]; Richards, 1980: 622 [Afrotropical catalog].

Trachyopella atomus. - Vanschuytbroeck, 1951b: 17 [generic combination]; Papp, 1984: 84 [Palearctic catalog].

Trachyopella (Trachyopella) atomus. - Roháček & Marshall, 1986a: 75-80 [subgeneric combination, both sexes, redescription, phylogenetic notes, illustr.].

Limosina (Trachyopella) atoma. - Duda, 1918: 195 [misspelling, generic combination, redescription, illustr.].

Leptocera (Trachyopella) atoma. - Richards, 1930: 306 [misspelling, generic combination].

Trachyopella atoma. - Frey, 1945: 79 [misspelling, generic combination]; Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Limosina eximia Becker, 1908: 198 [female]. Type locality: Madeira. HT female (ZMHB). - Duda, 1918: 195 [synonymy].

Trachyopella (T.) binuda Roháček & Marshall, 1986. **Distr.:** Nearctic: USA (FL).

Trachyopella (Insulomyia) binuda Roháček & Marshall, 1986a: 39 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Florida, Archbold Biological Stn. Lake Placid. HT male (CNCI).

Trachyopella (T.) bovilla Collin, 1954. **Distr.:** Nearctic: Canada (AB, NB, ON), USA (OR); Palearctic: Austria, Belgium, Czech Republic, Finland, Germany, Great Britain, Iceland, Italy, Norway, Slovakia, Spain, Sweden.

Trachyopella bovilla Collin, 1954b: 56 [both sexes]. Type locality: Iceland, Vaglarskog. LT male, designated by Pont, 1995: 40 (ZMUC) [incorrectly considered as HT by Roháček & Marshall, 1986a: 56]. - Papp, 1984: 84 [Palearctic catalog].

Leptocera (Trachyopella) bovilla. - Richards, 1967c: 534 [generic combination].

Trachyopella (Trachyopella) bovilla. - Roháček & Marshall, 1986a: 56-61 [redescription, phylogenetic notes, illustr.].

Trachyopella (T.) brachystoma (Papp, 1972). **Distr.:** Australasian/Oceanian: Papua New Guinea.

Insulomyia brachystoma Papp, 1972c: 112 [female]. Type locality: Papua New Guinea, Valley of Nami Creek [1,500 m]. HT female (HNHM).

Trachyopella (Insulomyia) brachystoma. - Roháček & Marshall, 1986a: 34 [generic combination].

Trachyopella brachystoma. - Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Montagnes, 1990: 858-859 [redescription, female, phylogenetic notes, illustr.].

Trachyopella (T.) brevisectoris Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: Hawaii (USA).

Trachyopella brevisectoris Marshall in Marshall & Montagnes, 1990: 860 [male, phylogenetic notes, illustr.]. Type locality: Hawaii, Oahu. HT male (CNCI).

Trachyopella (T.) coprina (Duda, 1918). **Distr.:** Afrotropical: ?Zaire; Nearctic: USA (CA); Palearctic: Belgium, Czech Republic, Germany, Great Britain, Greece (Crete), Hungary, Israel, Italy, Netherlands, Malta, Spain, Sweden.

Limosina (Trachyopella) coprina Duda, 1918: 199 [both sexes, illustr.]. Type locality: Germany, Eickel. LT male, designated by Roháček & Marshall, 1986a: 52 (ZMHB).

Trachyopella coprina. - Collin, 1954: 57 [generic combination]; Papp, 1984: 84 [Palaeartic catalog].

Leptocera (Trachyopella) coprina. - Richards, 1967c: 534 [generic combination]; Richards, 1980: 622 [Afrotropical catalog].

Trachyopella (Trachyopella) coprina. - Roháček & Marshall, 1986a: 51-56 [redescription, phylogenetic notes, illustr.]; Skidmore, 1993: 10, 20 [puparium, illustr.].

Limosina (Trachyopella) melania. - Duda, 1924b: 164 [misidentification, nec *Trachyopella melania* (Haliday, 1836)]; Duda, 1938: 158 [ditto, redescription]; Collin, 1956: 176 [synonymy].

Leptocera (Trachyopella) melania. - Richards, 1930: 306 [generic combination].

Leptocera melania. - Goddard, 1938: 249-250 [puparium, illustr.].

Limosina (Trachyopella) coprophila. - Duda, 1938: 158 [misspelling of *coprina*, as synonym of *Limosina (T.) melania*].

Trachyopella (T.) folkei Roháček, 1990. **Distr.:** Palaeartic: Belgium, Sweden.

Trachyopella folkei Roháček, 1990a: 228 [male, phylogenetic notes, illustr.]. Type locality: Sweden, Sö. Saltsjöbaden, Älgö. HT male (NHRS).

Trachyopella (T.) formosae (Duda, 1925). **Distr.:** Oriental: Taiwan.

Leptocera (Trachyopella) Formosae Duda, 1925: 200 [female]. Type locality: Taiwan (Formosa), Takao. HT female (HNHM).

Trachyopella (Trachyopella) formosae. - Roháček & Marshall, 1986a: 80-82 [female, redescription, phylogenetic notes, illustr.].

Trachyopella formosa. - Hackman, 1977: 406 [misspelling; generic combination, Oriental catalog].

Trachyopella (T.) hardyi (Tenorio, 1967). **Distr.:** Australasian/Oceanian: Hawaii (USA); Neotropical: Panama.

Leptocera (Trachyopella) hardyi Tenorio, 1967: 427 [both sexes, illustr.]. Type locality: Hawaii, Lanaihale, Lanai. HT male (BPBM).

Trachyopella (Insulomyia) hardyi. - Roháček & Marshall, 1986a: 34 [generic combination].

Trachyopella hardyi. - Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Montagnes, 1990: 860-862 [redescription, phylogenetic notes, illustr.].

Trachyopella (T.) hyalinervis (Duda, 1925) **comb.n.** **Distr.:** Neotropical: Paraguay.

Leptocera (Trachyopella) hyalinervis Duda, 1925: 201 [female]. Type locality: Paraguay, Chaco. HT female (NHMW). - Richards, 1967b: 15 [Neotropical catalog].

Trachyopella (T.) kuntzei (Duda, 1918). **Distr.:** Nearctic: Canada (NB); Palaeartic: Belgium, Czech Republic, Germany, Hungary, Latvia, Poland, Slovakia, Sweden, Switzerland.

Limosina (Trachyopella) Kuntzei Duda, 1918: 199 [both sexes]. Type locality: Germany, Dresden. LT female, designated by Roháček & Marshall, 1986a: 82 (SMTD).

Leptocera (Trachyopella) Kuntzei. - Duda, 1925: 200 [generic combination];

Leptocera (Trachyopella) kuntzei. - Richards, 1967c: 534 [key].

Trachyopella Kuntzei. - Papp, 1971b: 305 [generic combination].

Trachyopella kuntzei. - Papp, 1984: 84 [Palaeartic catalog].

Trachyopella (Trachyopella) kuntzei. - Roháček & Marshall, 1986a: 82-87 [redescription, both sexes, phylogenetic notes, illustr.].

Trachyopella (T.) lineafrons (Spuler, 1925). **Distr.:** Australasian/Oceanian: New Zealand; Nearctic: Canada (AB, BC, MB, NB, ON, QC), USA (FL, GA, IL, MN, MO, OR, WY); Neotropical: Argentina; Palaeartic: Afghanistan, Belgium, Ca-

nary Is. (Spain), Czech Republic, Finland, Germany, Great Britain, Greece, Hungary, Norway, Slovakia, Spain, Sweden, Switzerland.

Leptocera (Trachyopella) lineafrons Spuler, 1925a: 103 [male]. Type locality: USA, Washington, Wash. Expt. Sta 74. HT male (USNM). - Richards, 1965c: 725 [Nearctic catalog].

Trachyopella (Trachyopella) lineafrons. - Roháček & Marshall, 1986a: 69-75 [generic combination, redescription, both sexes, phylogenetic notes, illustr.].

Leptocera (Trachyopella) atoma. - Richards, 1930: 306 [misidentification].

Trachyopella atoma. - Papp, 1971b: 305 [generic combination, misidentification].

Trachyopella (T.) luteocera Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: Australia (QLD).

Trachyopella luteocera Marshall in Marshall & Montagnes, 1990: 862 [both sexes, phylogenetic notes, illustr.]. Type locality: Australia, Queensland, 15 km N Ingham, Cardwell Gap. HT male (ANIC).

Trachyopella (T.) melania (Haliday, 1836). **Distr.:** Palaearctic: Andorra, Belgium, Czech Republic, Finland, France, Germany, Great Britain, Hungary, Ireland, Malta, Mongolia, Netherlands, Norway, Roumania, Slovakia, Spain, Sweden, Switzerland.

Limosina melania Haliday, 1836: 334 [both sexes ?]. Type locality: Ireland. LT male, designated by Roháček & Marshall, 1986a: 63 (NMID).

Trachyops melania. - Rondani, 1880: 24 [generic combination].

Limosina (Trachyopella) melania. - Duda, 1918: 197 [subgeneric combination, redescription, illustr.]; Duda, 1938: 158 [redescription, illustr.].

Leptocera (Trachyopella) melania. - Duda, 1925: 201 [generic combination]; Richards, 1967c: 543 [key].

Trachyopella melania. - Collin, 1954b: 57 [generic combination]; Papp, 1984: 84 [Palaearctic catalog].

Trachyopella (Trachyopella) melania. - Roháček & Marshall, 1986a: 63-68 [redescription, phylogenetic notes, illustr.].

Limosina (Trachyopella) Villeneuvei Duda, 1924b: 164 [both sexes]. Type locality: Germany (precise locality not given). LT male, designated by Roháček & Marshall, 1986a: 64 (ZMHB). - Collin 1956: 176 [synonymy].

Leptocera (Trachyopella) Villeneuvei. - Duda, 1925: 199, 200 [generic combination].

Leptocera (Trachyopella) villeneuvei. - Richards, 1930: 306 [generic combination].

Leptocera (Trachyopella) Villeneuvei. - Duda, 1925: 200 [misspelling].

Limosina (Trachyopella) Villeneuvei. - Duda, 1938: 158 [misspelling, diagnosis, illustr.].

Trachyopella Villeneuvei. - Collin, 1956: 176 [misspelling, generic combination, synonymy].

Trachyopella villeneuvei. - Papp, 1984: 84 [misspelling, as synonym of *T. melania* (Haliday, 1836); Palaearctic catalog].

Limosina affinis Stenhammar, 1855: 427 [nomen nudum].

Trachyopella (T.) microps (Papp, 1972). **Distr.:** Australasian/Oceanian: Papua New Guinea.

Insulomyia microps Papp, 1972c: 111 [female]. Type locality: Papua New Guinea, Valley of Nami Creek [1,700 m]. HT female (HNHM).

Trachyopella (Insulomyia) microps. - Roháček & Marshall, 1986a: 34 [generic combination].

Trachyopella microps. - Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Montagnes, 1990: 864-865 [redescription, female, phylogenetic notes, illustr.].

Trachyopella (T.) minuscula Collin, 1956. **Distr.:** Palaearctic: Belgium, Czech Republic, Great Britain, Hungary, Norway, Sweden.

Trachyopella minuscula Collin, 1956: 175 [both sexes]. Type locality: England, Cambs., Kirtling. LT male, designated by Roháček & Marshall, 1986a: 46 (OXUM). - Papp, 1984: 84 [Palaearctic catalog].

Leptocera (Trachyopella) minuscula. - Richards, 1967c: 534 [generic combination].

Trachyopella (Minuscula) minuscula. - Roháček & Marshall, 1986a: 46-50 [subgeneric combination, redescription, phylogenetic notes, illustr.].

Trachyopella (Nudopella) minuscula. - Gosseries et al., 1991: 176 [subgeneric combination, list].

Trachyopella (T.) mitis Roháček & Marshall, 1986. **Distr.:** Palaearctic: North Korea.

Trachyopella (Trachyopella) mitis Roháček & Marshall, 1986a: 68 [male, phylogenetic notes, illustr.]. Type locality: North Korea, Prov. South Pyongan, Chang-lyong san, 50 km N of Pyongyang and 15 km E of Sa-gam. HT male (HNHM).

Trachyopella (T.) novaeguineae (Papp, 1972). **Distr.:** Australasian/Oceanian: Papua New Guinea (New Britain).

Insulomyia novaeguineae Papp, 1972c: 114 [male]. Type locality: Papua New Guinea, Keravat, near Rabaul. HT male (HNHM).

Trachyopella (Insulomyia) novaeguineae. - Roháček & Marshall, 1986a: 34 [generic combination].

Trachyopella novaeguineae. - Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall & Montagnes, 1990: 865-867 [redescription, male, phylogenetic notes, illustr.].

Trachyopella (T.) nuda Roháček & Marshall, 1986. **Distr.:** Australasian/Oceanian: Hawaii (USA); Nearctic: Canada (NB, NS, ON, QC, SK), USA (FL, IL, KY, LA, MA, MD, MI, MO, NC, NJ, SC, TX, VA); Neotropical: Bermuda; Palaearctic: Andorra, Canary Is. (Spain), Spain.

Trachyopella (Insulomyia) nuda Roháček & Marshall, 1986a: 35 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Saskatchewan, Assiniboia. HT male (CNCI).

Trachyopella nuda. - Marshall, 1989b: 607 [Australasian/Oceanian catalog].

Trachyopella (T.) pannosa Roháček & Marshall, 1986. **Distr.:** Afrotropical: Yemen.

Trachyopella (Trachyopella) pannosa Roháček & Marshall, 1986a: 61 [male, phylogenetic notes, illustr.]. Type locality: Yemen, Wadi Zabid. HT male (HNHM).

Trachyopella (T.) pectamera Roháček & Marshall, 1986. **Distr.:** Nearctic: USA (GA, IL, IN, MO, WV, WY).

Trachyopella (Trachyopella) pectamera Roháček & Marshall, 1986a: 91 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Indiana, Fountain Co., Attica. HT male (FMNH).

Trachyopella (T.) pedimera Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: Australia (QLD), Papua New Guinea (Bismarck Is.).

Trachyopella pedimera Marshall in Marshall & Montagnes, 1990: 870 [both sexes, phylogenetic notes, illustr.]. Type locality: Australia, Queensland, 3 km N Kuranda, Kuranda State Forest [360 m]. HT male (ANIC).

Trachyopella (T.) perparva (Williston, 1896) **comb.n.** **Distr.:** Neotropical: St. Vincent.

Limosina perparva Williston, 1896a: 433 [male, illustr.]. Type locality: West Indies, St. Vincent I., Winward side. HT male (BMNH).

Leptocera (Mallochella) perparva. - Duda, 1925: 119 [generic combination].

Leptocera (Pterogramma) perparva. - Richards, 1961b: 563 [subgeneric combination]; Richards, 1967b: 12 [Neotropical catalog].

Leptocera (Scotophilella) perparvi. - Spuler, 1925c: 83 [misspelling, subgeneric combination].

Trachyopella (T.) senaria Roháček & Marshall, 1986. **Distr.:** Nearctic: USA (FL).

Trachyopella (Trachyopella) senaria Roháček & Marshall, 1986a: 87 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Florida, Alachua Co. HT male (CNCI).

Trachyopella (T.) straminea Roháček & Marshall, 1986. **Distr.:** Nearctic: Canada (ON), USA (IL, MA, MD, MO); Palaearctic: Andorra, Canary Is. (Spain), Czech Republic, Greece (Crete), Hungary, Malta, Slovakia, Spain.

Trachyopella (Trachyopella) straminea Roháček & Marshall, 1986a: 95 [both sexes, phylogenetic notes, illustr.]. Type locality: Canada, Ontario, Guelph. HT male (CNCI).

Trachyopella (T.) vockerothi Marshall in Marshall & Montagnes, 1990. **Distr.:** Australasian/Oceanian: French Polynesia (Marquesas Is.), Hawaii (USA).

Trachyopella vockerothi Marshall in Marshall & Montagnes, 1990: 872 [both sexes, phylogenetic notes, illustr.]. Type locality: Hawaii, Oahu, Honolulu. HT male (CNCI).

Genus *Trisetomyia* Richards, 1965

Trisetomyia Richards, 1965a: 435 (feminine). Type species: *Binorbitalia triseta* Richards, 1954, original designation. - Richards, 1965a: 435-437 [diagnosis, illustr.]; Hackman, 1969a: 207 [list, biogeography]; Richards, 1980: 626 [Afrotropical catalog].

Trisetomyia triseta (Richards, 1954). **Distr.:** Afrotropical: Ethiopia.

Binorbitalia triseta Richards, 1954: 390 [both sexes]. Type locality: Ethiopia, Simien, above Lori [12,000 ft]. HT female (BMNH).

Trisetomyia triseta. - Richards, 1965a: 436-437 [generic combination, redescription, male genitalia, illustr.]; Richards, 1980: 626 [Afrotropical catalog].

Genus *Xenolimosina* Roháček, 1983

Xenolimosina Roháček, 1983e: 47 (feminine). Type species: *Limosina (Leptocera) setaria* Villeneuve, 1918, original designation. - Roháček, 1983e: 47-49, 190-192 [diagnosis, revision of European species, illustr.]; Marshall, 1985c: 764-769 [diagnosis, review of Nearctic species, key, phylogeny, illustr.]; Marshall & Richards, 1987: 1000 [diagnosis in key]; Roháček, 1998a: 489 [diagnosis in key, illustr.]; Marshall, 1999a: 270-273 [taxonomy, phylogeny, illustr.].

Xenolimosina Roháček, 1982c: 222 [nomen nudum, phylogeny].

Xenolimosina glabrigena Marshall, 1999. **Distr.:** Nearctic: USA (FL).

Xenolimosina glabrigena Marshall, 1999a: 272 [both sexes, phylogenetic notes, illustr.]. Type locality: USA, Florida, Levy Co., Archer. HT male (DEBU).

†***Xenolimosina palaeospinosa*** Marshall in Marshall, Langstaff & Grimaldi, 1999. **Distr.:** Neotropical: Dominican Republic.

Xenolimosina palaeospinosa Marshall in Marshall, Langstaff & Grimaldi, 1999: 297 [female, amber fossil, phylogenetic notes, illustr.]. Type locality: Dominican Republic. HT female (AMNH). **Note:** Generic placement tentative.

Xenolimosina phoba Marshall, 1985. **Distr.:** Nearctic: Canada (ON, QC), USA (MD).

Xenolimosina phoba Marshall, 1985c: 767 [male, phylogenetic notes, key, illustr.]. Type locality: Canada, Quebec, Old Chelsea. HT male (CNCI). - Marshall, 1999a: 271-272 [female, illustr.].

Xenolimosina setaria (Villeneuve, 1918). **Distr.:** Palaearctic: Belgium, Germany, Great Britain, Hungary, Sweden.

Limosina (Leptocera) setaria Villeneuve, 1918a: 334 [both sexes]. Type locality: Germany, Berlin, Pichelberg. LT male, designated by Roháček, 2001: 477 (MNHN).

Leptocera (Scotophilella) setaria. - Duda, 1925: 159 [generic combination].

Leptocera (Limosina) setaria. - Richards, 1930: 293 [subgeneric combination].

Limosina (Limosina) setaria. - Duda, 1938: 145 [redescription, illustr.].

Xenolimosina setaria. - Roháček, 1983e: 48-49, 190-192 [generic combination, redescription, illustr.].

Limosina setaria. - Papp, 1984: 103 [Palaearctic catalog].

Limosina (Scotophilella) setaria Duda, 1918: 143 [a primary junior homonym of *Limosina (Leptocera) setaria* Villeneuve, 1918; male, erroneously reported as female, illustr.]. Type locality: Germany, Berlin, Grunewald. HT male (DEIC). - Duda, 1924b: 164 [homonymy, synonymy].

Xenolimosina sicula Marshall, 1985. **Distr.:** Nearctic: Canada (BC, ON, QC), USA (AR, CA, FL, NH).

Xenolimosina sicula Marshall, 1985c: 765 [both sexes, phylogenetic notes, key, illustr.]. Type locality: Canada, Ontario, Meaford. HT male (CNCI).

Generically unplaced species of Limosiniinae (species incertae sedis)

anomala Richards, 1966a: 246 *Leptocera (Limosina)* [both sexes, illustr.]. Type locality: Zaire, district du Kivu, territoire Kabare, contreforts S.-E. du Kahuzi [2,080-2,200 m]. HT male (MRAC). - Richards, 1980: 619 [as *Leptocera (Limosina)*]; Afrotropical catalog]. **Note:** Possibly a species of *Biroina* Richards.

boliviensis Duda, 1925: 160 *Leptocera (Scotophilella)* [male only although description mentions both sexes, illustr.]. Type locality: Bolivia, Soccata [2,300 m]. STs males (SMTD). **Note:** The species belongs to a distinctive group systematic position of which is unclear a needs to be solved.

cartagensis Malloch, 1914a: 17 *Leptocera* [female]. Type locality: Costa Rica, Cartago. HT female (ANSP). - Spuler, 1924a: 126 [as *Leptocera (Opacifrons)*]; subgeneric combination]; Richards, 1967b: 10 [Neotropical catalog]. **Note:** Generic placement uncertain (Marshall & Langstaff, 1998: 25).

cherangani Richards, 1938a: 386 *Leptocera (Limosina)* [male, illustr.]. Type locality: Kenya, Marakwet, Campi Cherangani [3,000 m]. HT male (MNHN). - Richards, 1980: 620 [Afrotropical catalog]. **Note:** Richards (1938a: 388) stated that although the species runs

down to *Spelobia luteilabris* group it is hardly related to it. Generic position remains therefore unrecognized.

- citrina** Richards, 1968c: 94 *Leptocera (Limosina)* [male, illustr.]. Type locality: South Africa, Natal, Lions River district, Howick, up on the falls of the Umgeni River. HT male (NMSA). **Note:** A distinctive species with asymmetrical genitalia but apparently unaffiliated to any described genera.
- coei** Deeming, 1969: 69 *Leptocera (Limosina)* [male, illustr.]. Type locality: E. Nepal, Arun Valley, below Tumlingtar, River Sabhaya [1,800 ft]. HT male (BMNH). - Hackman, 1977: 403 [Oriental catalog]. **Note:** A distinctive species whose generic placement is unknown.
- defecta** Richards, 1965a: 459 *Leptocera (Limosina)* [female, illustr.]. Type locality: Tanzania, Mt. Oldeani, east slope, gorge of the Tshorongiro [2,500 m]. HT female (MRAC). **Note:** Generically unplaced species but possibly belonging to *Poecilosomella* Duda (cf. Richards, 1965a: 461).
- flavibucca** Duda, 1925: 164, 196, 212 *Leptocera (Scotophilella)* [sex not stated]. Type locality: "Africa?". HT, sex unknown (NHMW). - Duda, 1925: 188 [as *Leptocera (Scotophilella) flavibacca*; diagnosis, misspelling]; Richards, 1980: 620 [as *Leptocera (Limosina)*; Afrotropical catalog]. **Note:** *L. flavibacca* is obviously a misspelling because the species was named for its yellow cheeks (= Lat. *bucca*). A doubtful species of unknown origin, according to Duda (1925: 188) similar to *Spelobia rufilabris* (Stenhammar, 1855), thus possibly belonging to *Spelobia* Spuler.
- fusca** Duda, 1925: 191 *Leptocera (Scotophilella)* [both sexes, illustr.]. Type locality: Paraguay, San Bernardino. STs (NHMW). - Richards, 1967b: 14 [as *Leptocera (Limosina)*; Neotropical catalog]; Roháček, 1983e: 130 [as *Telomerina*; generic combination]. **Note:** Generic placement uncertain; externally like *Sclerocoelus* but genitalia completely dissimilar.
- fuscana** Richards, 1965a: 448 *Leptocera (Limosina)* [male, illustr.]. Type locality: Tanzania, Kilimanjaro, Bismarck Hügel [3,100 m]. HT male (MRAC). - Richards, 1980: 620 [as *Leptocera (Limosina)*; Afrotropical catalog]. **Note:** A brachypterous species with distinctive genitalia but unplaceable to known genera.
- gibba** Spuler, 1925c: 154 *Leptocera (Scotophilella)* [male, illustr.]. Type locality: Jamaica, Battersea. HT male (USNM). - Richards, 1967b: 14 [as *Leptocera (Limosina)*; Neotropical catalog]. **Note:** The species belongs (together with *Leptocera inaequalis* Malloch, 1914 and several unnamed species) to an undescribed genus.
- halterata** Richards, 1966a: 239 *Leptocera (Limosina)* [female, illustr.]. Type locality: Zaire, district du Kivu, territoire Kalehe, contreforts N. du Kahuzi, Bitale [1,600 m]. HT female (MRAC). - Richards, 1980: 620 [as *Leptocera (Limosina)*; Afrotropical catalog]. **Note:** Generic placement unrecognizable from the original description.
- inaequalis** Malloch, 1914a: 21 *Leptocera (Limosina)* [male]. Type locality: Costa Rica, Cartago. HT male [ANSP]. - Richards, 1967b: 14 [as *Leptocera (Limosina)*; Neotropical catalog]. **Note:** The species is a part (together with *Leptocera gibba* Spuler, 1925) of an unnamed genus.
- keniaca** Richards, 1965a: 452 *Leptocera (Limosina)* [both sexes, illustr.]. Type locality: Kenya, Mt. Kenya, Teleki Valley, by moraine of Tyndall Glacier [4,300 m]. HT male (NHRS, but not located recently, see Pitkin, 1989: 21). - Richards, 1980: 620 [as *Leptocera (Limosina)*; Afrotropical catalog]. **Note:** Unplaced to genus but possibly relegable either to *Aluligera* Richards or *Trisetomyia* Richards.
- kivuensis** Vanschuytbroeck, 1950a: 35 *Limosina (Limosina)* [both sexes]. Type locality: Zaire, N. Kivu, Kibati. HT male (MRAC). - Richards, 1980: 620 [as *Leptocera (Limosina)*];

- Afrotropical catalog]. **Note:** Genus unrecognizable from the brief original description without examination of the type material.
- longecostata** Duda, 1938: 129 *Limosina* (*Limosina*) [female]. Type localities: Russia, St. Petersburg, Smolensk; Uzbekistan, Tashkent. STs females (probably in ZISP). - Papp, 1984: 99 [as *Limosina*; Palaearctic catalog]. **Note:** Without examination of types it is impossible to place this species to genus.
- longidiscoidalis** Duda, 1925: 165 *Leptocera* (*Scotophilella*) [female]. Type locality „N. Guinea, Britann“ (= ?New Britain). HT female (NHMW). - Richards, 1973: 374 [as *Leptocera* (*Limosina*); diagnosis]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]. **Note:** Generic placement impossible on the basis of single female specimen.
- longipennis** Duda, 1925: 178 *Leptocera* (*Scotophilella*) [both sexes, illustr.]. Type localities: Bolivia, Guaqui and Lake Titicaca. LT male, designated by Wheeler & Marshall, 1991: 941 (SMTD). - Richards, 1967b: 14 [as *Leptocera* (*Limosina*); Neotropical catalog]; Wheeler & Marshall, 1991: 941 [taxonomic notes]. **Note:** The species remains of uncertain placement (Wheeler & Marshall, 1991: 943).
- lutea** Richards, 1963a: 127 *Leptocera* (*Limosina*) [both sexes, illustr.]. Type locality: Caroline Is. (Micronesia), Yap, Kanif. HT male (USNM, now lost). - Papp, 1984: 100 [as *Limosina*; Palaearctic catalog]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]. **Note:** Identity and placement questionable. The two non-type specimens in the BMNH, identified by Deeming, are *Spelobia ochripes* (Meigen, 1830). It is necessary to see evidence of new *Spelobia* specimens from the Pacific islands before including *L. lutea* in the genus *Spelobia* Spuler. Specimens recorded as *Spelobia lutea* from the Oriental Region (Papp, 1991b: 250) plausibly are not conspecific with *L. lutea* Richards and belong to an undescribed species of *Spelobia*.
- maculata** Vanschuytbroeck, 1950a: 37 *Limosina* (*Limosina*) [female]. Type locality: Zaire, Sankuru, Komi. HT female (MRAC). - Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]. **Note:** Genus unrecognizable from the brief original description without examination of the type material.
- mediospinosa** Duda, 1925: 182 *Leptocera* (*Scotophilella*) [both sexes, illustr.]. Type localities: South Africa, Transvaal, Pretoria; Australia, Sydney, Botany Bay; Chile, Santiago. STs (HNHM, SMTD). **Distr.:** Afrotropical: South Africa; Australasian/Oceanian: Australia (ACT, NSW, VIC), New Zealand; Neotropical: Argentina, Chile. - Vanschuytbroeck, 1962a: 469 [as *Limosina mediospina*; misspelling]; Hackman, 1965a: 501 [as *Limosina mediospina*; misspelling]; Richards, 1967b: 14 [as *Leptocera* (*Limosina*); Neotropical catalog]; Richards, 1973: 382 [as *Leptocera* (*Limosina*); diagnosis]; Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]; Roháček, 1983e: 68 [as *Spelobia* (*Spelobia*); generic combination]; Marshall, 1989b: 607 [Australasian/Oceanian catalog]; Marshall, 1997b: 168 [as *Limosina*; generic combination]. **Note:** A distinctive species, not relegable to any of the known genera.
- minima** Malloch, 1914a: 16 *Leptocera* (*Limosina*) [male]. Type locality: Costa Rica, Filadelfia, Rio Tempisque. HT sex unknown (ANSP, only small remnants). - Spuler, 1925c: 147 [as *Leptocera* (*Scotophilella*)]. **Note:** This is probably a species of *Minilimosina* (*Svarciella*) but remnants of the type ought to be re-examined to confirm this supposition.
- Leptocera* (*Limosina*) *minimella* Richards, 1966c: 121 [nom.n. for *Leptocera* (*Limosina*) *minima* Malloch, 1914, a secondary junior homonym of *Limosina minima* Macquart, 1835]. - Richards, 1967b: 14 [as *Leptocera* (*Limosina*); Neotropical catalog].
- monorbiseta** Deeming, 1969: 71 *Leptocera* (*Limosina*) [female]. Type locality: E. Nepal, Taplejung Distr., above Sangu [6,200 ft]. HT female (BMNH). - Hackman, 1977: 404 [Oriental catalog]; Papp, 1991b: 228-231 [redescription, male and female genitalia,

- illustr.]. **Note:** Despite the recent detailed redescription (Papp, 1991b) generic placement of this species has not been resolved for the time being.
- nigroscutellata** Duda, 1925: 182 *Leptocera* (*Scotophilella*) [male]. Type locality: Ethiopia, Marako. STs males (HNHM). - Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]. **Note:** Generic placement unrecognized.
- obscuripennis** Hackman, 1967b: 34 *Leptocera* (*Limosina*) [both sexes, illustr.]. Type locality: Madagascar, Province of Tamatave, Moramanga. HT male (NHMB). - Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]. **Note:** Possibly a member of the genus *Phthitia* Enderlein.
- opaca** Duda, 1925: 180 *Leptocera* (*Scotophilella*) [female]. Type locality: Tanzania, Katona, Kilimandjaro. HT female (HNHM). - Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]. **Note:** Generic placement impossible from mere description.
- pallicornis** Malloch, 1914a: 15 *Leptocera* (*Limosina*) [both sexes, illustr.]. Type locality: Costa Rica, Juan Viñas [2,600 ft]. HT male (ANSP). - Spuler, 1925c: 72, 83 [as *Leptocera* (*Scotophilella*), key]; Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog]. **Note:** A distinctive species. Possibly a highly atypical *Minilimosina* (*Svarciella*) that cannot be placed with certainty. More specimens including females are necessary to solve its generic affiliation.
- paraminima** Duda, 1925: 170 *Leptocera* (*Scotophilella*) [female]. Type locality: Costa Rica, La Suiza de Turrialba. HT female (HNHM). - Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog]. **Note:** Both the single available female and the inadequate description are insufficient to recognize the generic placement and identity of the species.
- piscina** Richards, 1938a: 385 *Leptocera* (*Limosina*) [male, illustr.]. Type locality: Kenya, Suam Fishing Hut, E. side of Mount Elgon [2,400 m]. HT male (MNHN). - Richards, 1980: 620 [as *Leptocera* (*Limosina*); Afrotropical catalog]. **Note:** The species cannot be placed to known genera on the basis of mere description.
- plumbea** Duda, 1925: 177 *Leptocera* (*Scotophilella*) [both sexes, illustr.]. Type localities: Peru, Cuzco [3,200-3,600 m]; Bolivia, La Paz, [2,000-3,000 m]. STs (SMTD). - Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog]; **Note:** Generic affiliation unknown; it is necessary to examine types and redescribe the species.
- propulsa** Duda, 1925: 171 *Leptocera* (*Scotophilella*) [female]. Type locality: Paraguay, San Bernardino. HT female (HNHM). - Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog]. **Note:** Generic placement and identity of this species cannot be recognized from the material and description available.
- quadrisetosa** Malloch, 1914a: 18 *Leptocera* (*Limosina*) [both sexes]. Type locality: Costa Rica, Cartago. HT male (ANSP). - Spuler, 1925c: 75, 155 [as *Leptocera* (*Scotophilella*), key]; Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog].
- rufa** Duda, 1925: 172 *Leptocera* (*Scotophilella*) [female]. Type locality: Taiwan, Takao. HT female (HNMM). - Hackman, 1977: 404 [Oriental catalog]. **Note:** Primary junior homonym of *Leptocera* (*Thoracochaeta*) *rufa* Spuler, 1925 ! Generic placement unknown.
- submaculata** Duda, 1938: 150 *Limosina* (*Limosina*) [female]. Type locality: Azerbaijan, "auf dem Wege nach Baku, außerhalb der Stadt Tiflis". HT female (ZISP). - Papp, 1984: 104 [as *Limosina*; Palaearctic catalog]. **Note:** Unplaceable to genus without examination of type material.
- terrestris** Papp, 1979c: 223 *Limosina* [female, illustr.]. Type locality: Georgia, Abkhasia, Chodchar. HT female (ZISP). - Papp, 1984: 104 [as *Limosina*; Palaearctic catalog]. **Note:** Generic placement of this distinctive species cannot be solved because of poor condition of the holotype and lack of males.

umbrosa Richards, 1968c: 96 *Leptocera (Limosina)* [both sexes, illustr.]. Type locality: South Africa, Transvaal, Pietersburg district, source of Helpmekaar River. HT male (NMSA). - Richards, 1980: 620 [as *Leptocera (Limosina)*; Afrotropical catalog]. **Note:** Despite detailed description including figures (rather poor) of the male genitalia its generic placement is uncertain.

Doubtful genera of Limosiniinae (genera dubiae)

Nerea Robineau-Desvoidy, 1830: 802 (feminine). Type species: *Nerea riparia* Robineau-Desvoidy, 1830, subsequent designation by Coquillett, 1910: 575. - Becker, 1905: 30 [as synonym of *Limosina* Macquart, 1835; Palaearctic catalog]. **Note:** The genus is unrecognizable (see also Duda, 1938: 14 or Papp, 1984: 105), based on a doubtful type species (see below) probably belonging to the genus *Leptocera* Olivier or *Rachispoda* Lioy.

Doubtful species of Limosiniinae (species dubiae)

aeneiventris Stenhammar, 1855: 370 *Limosina* [both sexes]. Type locality: Sweden, "in fagetis Scaniae". STs (UZI, not located, cf. Kim, 1972: 206). - Papp, 1984: 105 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** The species probably belongs to the genus *Minilimosina* but its identity cannot be recognized without study of the type material (Duda, 1938: 152; Roháček, 1983e: 158).

aldrichi Williston, 1893: 259 *Limosina* [male]. Type locality: USA, California, Argus Mountains. HT male (?SEMC). - Spuler, 1925c: 74, 151 [as *Leptocera (Scotophilella)*, key]; Richards, 1965c: 723 [as *Leptocera (Limosina)*; Nearctic catalog]. **Note:** Unrecognizable species.

australis Brêthes, 1919: 44 *Limosina* [sex ?]. Type locality: Chile, Río Blanco. HT sex unknown (location unknown). - Richards, 1967b: 9 [as *Leptocera (Rachispoda)*; Neotropical catalog]. **Note:** Probably either *Leptocera* Olivier, *Rachispoda* Lioy, or *Pullimosina darwini* (Richards, 1931) (most likely the latter) but the type is apparently lost and the description is too poor to recognize its identity.

consanguinea Blanchard in Gay, 1852: 468 *Limosina* [sex not stated]. Type locality: Chile, near Coquimbo. ST(s), sex unknown (?MNHN, ?MNNC). - Richards, 1967b: 14 [as *Leptocera (Limosina)*; Neotropical catalog]. **Note:** Most probably conspecific with *Pullimosina (D.) darwini* (Richards, 1931), but the synonymy cannot be demonstrated without examination of types.

curtiventris Stenhammar, 1855: 360 *Limosina* [both sexes]. Type localities: Sweden, "in Suecia tam boreali quam meridionali, in Lapponia, Vestrobottnia et Scania". STs, both sexes (UZI, not located, cf. Kim, 1972: 206). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** The species was probably described from a mixture of *Terrilimosina schmitzi* (Duda, 1918), *T. racovitzi* (Bezzi, 1911) and/or *Apteromyia claviventris* (Strobl, 1909), see Roháček (1983e: 158). Without type material its identity cannot be solved.

- diadema** Stenhammar, 1855: 394 *Limosina* [female]. Type locality: Sweden, "in Scania ad Kullen et in Hallandia maxime meridionali prope Båstad Scaniae". STs, females (UZI, not located, cf. Kim, 1972: 206). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** The original description partly corresponds to *Spelobia belanica* Roháček, 1983 but differs markedly in size and colouring of the frons. It is not possible to place the species even to genus though most probably it belongs to *Spelobia* or *Phthitia* (*Kimosina*), cf. Roháček (1983e: 158).
- flavescens** Liroy, 1864: 1116 *Lotomyia* [sex not stated]. Type locality: North Italy. STs, sex unknown (depository not located). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** Unrecognizable species, possibly based on immature specimens.
- geniculata** Macquart, 1835: 572 *Limosina* [sex not stated]. Type locality: France. STs, sex unknown (?MNHN). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** Unrecognizable species from original description.
- glabra** Meigen, 1838: 409 *Limosina* [sex not stated]. Type locality: Germany, nr. Aachen. STs (?MNHN, ? lost). - Morge, 1976: Pl. 303, Figs 8a-c [as *Borborus glaber*; Meigen's original illustr.]; Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** Unrecognizable species from the very inadequate original description (cf. Duda, 1918: 226).
- impressa** Meigen, 1838: 410 *Limosina* [sex not stated]. Type locality: Germany, nr. Aachen. STs (?MNHN, ? lost). - Morge, 1976: Pl. 303, Figs 12a,b [Meigen's original illustr.]; Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** Unrecognizable species from the very short original description (cf. Duda, 1918: 227; 1938: 153).
- litoralis** Stenhammar, 1855: 417 *Limosina* [both sexes]. Type locality: Sweden, Skåne ("in litore marino Scaniae"). STs (UZI, not located, cf. Kim, 1972: 206). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** The species most probably belongs to the genus *Coproica* but cannot be recognized from the original description.
- magna** Brunetti, 1913: 173 *Limosina* [sex not stated]. Type locality: India, Kalek. HT sex unknown (IMCI, ? lost). Hackman, 1977: 404 [Oriental catalog]. **Note:** Generic assignment impossible from the superficial description only (cf. also Hackman, 1977: 404).
- minima** Macquart, 1835: 573 *Limosina* [sex not stated]. Type locality: France, Chênée. STs (?MNHN, ? lost). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** Description inadequate for recognition of the species identity or placement (cf. Duda, 1938: 159 and Roháček, 1983e: 157).
- nitens** Stenhammar, 1855: 368 *Limosina* [both sexes]. Type locality: Sweden, "in Hallandia ad Karup". STs (UZI, not located, cf. Kim, 1972: 206). - Papp, 1984: 106 [as *Limosina*; species dubia, Palaearctic catalog]. **Note:** The species is not recognizable from the original description but probably belongs to the genus *Paralimosina* (cf. Roháček, 1983e: 158).
- notatipennis** Brunetti, 1924: 103 *Limosina* [male]. Type locality: India, Assam, Garo Hills, Siju Cave. HT male (IMCI, ? lost). - Hackman, 1977: 404 [Oriental catalog]. **Note:** Generic placement and identity of this species unknown, possibly a member of the *Pterogramma* group.
- obtusipennis** Stenhammar, 1855: 422 *Limosina* [both sexes]. Type localities: Sweden, "Suecia meridionalis et media", "in Scania, Hallandia et Ostrogothia" STs (UZI, not located, cf. Kim, 1972: 206). **Note:** The species most probably belongs to the genus *Opalimosina* but its identity cannot be recognized without study of the type material (Roháček, 1983e: 158).

- orthoneura** Stenhammar, 1855: 376 *Limosina* [female]. Type localities: Sweden, "Gothoburg" and "Scania". STs females (UZIU, see Kim, 1972a: 207). **Note:** Unrecognizable species, possibly of the genus *Spelobia*.
- pallipes** Robineau-Desvoidy, 1830: 806 *Mycetia* [sex not stated]. Type locality: France, Saint-Sauveur. STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 26 [as *Borborus*; Palaearctic catalog]. **Note:** Unrecognizable species surely not of Copromyzinae (as Becker, 1905 suggested) but belonging to some minute (size only 1.1 mm) species of fungicolous Limosininae.
- pumila** Williston, 1896a: 432 *Limosina* [both sexes, illustr.]. Type locality: St. Vincent I. STs, both sexes (?BMNH, ?AMNH). - Richards, 1967b: 15 [as *Leptocera* (*Limosina*); Neotropical catalog]; - Spuler, 1925c: 74 [as *Leptocera* (*Scotophilella*) *pumilla*, misspelling].
- pumilio** Meigen, 1830: 208 *Borborus* [sex not stated]. Type locality: not given. STs, sex unknown (?NHMW, Winthem collection). - Morge, 1976: Pl. 215, Figs 7a,b [Meigen's original illustr.]. **Note:** Described from a mixture of species belonging to different genera of Limosininae (cf. Duda, 1918: 226). The original description is too brief to decide from which of them *B. pumilio* was described (cf. Roháček, 1983e: 157) but judging from Meigen's figures published by Morge (1976: Pl. 215, Figs 7a,b) the species could belong to the genus *Pullimosina* Roháček.
- pygmaea** Meigen, 1838: 410 *Limosina* [sex not stated]. Type locality: Germany, nr. Aachen. STs, sex unknown (?MNHN, ? lost). - Morge, 1976: Pl. 303, Figs 10a,b [as *Borborus pygmaeus*; Meigen's original illustr.]. **Note:** Unrecognizable species from very superficial original description (cf. Duda, 1918: 227; 1938: 153).
- quisquilia** Haliday, 1836: 330 *Limosina* [sex not stated]. Type locality: not given. STs, sex unknown (not found in Haliday's collection, NMID). **Note:** Duda (1938: 118) considered it might be conspecific with *Spelobia czizeki* (Duda, 1918), while Collin (1914: 242) supposed it to be identical with *Opacifrons coxata* (Stenhammar, 1855). Without examination of the type material the identity of the species is insolvable.
- riparia** Robineau-Desvoidy, 1830: 802 *Nerea* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 35 [as synonym of *Limosina limosa*; Palaearctic catalog]. **Note:** Haliday's (1836: 327) synonymy of this species with *Rachispoda limosa* (Fallén, 1820), followed also by Becker (1905), is unjustified. The species is unrecognizable from the original description, possibly belonging to *Leptocera* Olivier or *Rachispoda* Lioy.
- rufipes** Meigen, 1838: 411 *Limosina* [sex not stated]. Type locality: Germany, nr. Aachen. STs, sex unknown (?MNHN, ? lost). **Note:** According to Duda (1918: 227; 1938: 98) it could be conspecific with *Thoracochaeta brachystoma* (Stenhammar, 1855). However, the original description is insufficient even for recognition of its generic placement (cf. Roháček, 1983e: 157).
- scutellatus** Meigen, 1835: 72 *Borborus* [sex not stated]. Type locality: Germany, München vicinity HT, sex unknown (MNHN, apparently lost). - Morge, 1976: Pl. 289, Figs 4 a,b [Meigen's original illustr.]. **Note:** Unrecognizable species from very short original description dealing with immature specimen without abdomen (cf. Duda, 1918: 226; Duda, 1938: 96). However, judging from Meigen's figures (see Morge 1976: Pl. 286, Figs 4a,b) the holotype most probably belongs to *Leptocera nigra* Olivier, 1813. A female specimen labelled "scutellatus ♀ Baiern" in Meigen's writing (MNHN) is not a syntype as it does not match the description (it has abdomen) and belongs to *Sphaerocera curvipes* Latreille, 1805 (A. L. Norrbom, in litt.).

- scutellata* Meigen, 1838: 409 *Limosina* [sex not stated]. Type locality: Germany, Baiern [= Bayern]. HT, sex unknown (MNHN, apparently lost). **Note:** The species was described from the same specimen as *Borborus scutellatus* Meigen, 1835 and is thus its synonym.
- stercoraria* Robineau-Desvoidy, 1830: 803 *Nerea* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 35 [as synonym of *Limosina crassimana*; Palaearctic catalog]. **Note:** Although Haliday (1836: 328) considered it a possible synonym of his *Limosina crassimana* = *Spelobia clunipes* (Meigen, 1830) it is an unrecognizable species as the original description is apparently based on a mixture of various Limosiniinae.
- tenebrosa* Brunetti, 1924: 103 *Limosina* [sex uncertain]. Type locality: India, Assam, Garo Hills, Siju Cave. STs sex unknown (IMCI, ? lost). - Hackman, 1977: 404 [Oriental catalog]. **Note:** Identity and generic placement of the species unknown.
- tristis* Meigen, 1838: 410 *Limosina* [sex not stated]. Type locality: Germany, nr. Aachen. STs, sex unknown (?MNHN, ? lost). - Morge, 1976: Pl. 303, Figs 24 a,b [Meigen's original illustr.]. **Note:** Duda (1918: 167, 227) synonymized the species with *Spelobia clunipes* (Meigen, 1830) on the basis of 3 specimens in NHMW. Duda (1938: 115) rejected this synonymy because these specimens did not belong to the type series. The identity of the species is unrecognizable from the original description (cf. Roháček, 1983e: 157).
- verticella* Stenhammar, 1855: 366 *Limosina* [female]. Type locality: Sweden, "in Scania ad lacum Silfåkra". STs females (UZIU, not located, cf. Kim, 1972: 206). **Note:** The species might belong to the genus *Paralimosina* but its identity cannot be recognized without study of type material (Roháček, 1983e: 158).

Doubtful genera of Sphaeroceridae [unplaced to subfamilies] (genera dubiae)

- Coprina* Robineau-Desvoidy, 1830: 810 (feminine). Type species: *Coprina bovina* Robineau-Desvoidy, 1830, monotypy. - Haliday, 1836: 318 [as synonym of *Sphaerocera* Latreille, 1804]; Becker, 1905: 28 [as synonym of *Sphaerocera*; Palaearctic catalog]. **Note:** Haliday (1836), followed by Becker (1905), considered *Coprina bovina* a synonym of *Sphaerocera* (now *Ischiolepta*) *denticulata* (Meigen, 1830). Duda (1938: 15) demonstrated that it cannot belong to Sphaerocerinae because of the different shape of the abdomen. Although the genus belongs to Sphaeroceridae, its identity (see also Papp, 1994: 105) and correct subfamily affiliation cannot be recognized.
- Fimetia* Robineau-Desvoidy, 1830: 810 (feminine). Type species: not designated. - Becker, 1905: 36 [genus incertus; Palaearctic catalog]. **Note:** The genus contains three unrecognizable species (see below). Duda (1938: 16) and Papp (1984: 105) expressed the opinion that they (or some of them) probably do not belong to Sphaeroceridae.
- Mycetia* Robineau-Desvoidy, 1830: 805 (feminine). Type species: *Mycetia vulgaris* Robineau-Desvoidy, 1830, subsequent designation by Coquillett, 1910: 572. - Becker, 1905: 23 [as synonym of *Borborus* Meigen, 1803; Palaearctic catalog]. **Note:** Becker (1905: 26) and Coquillett (1910: 572) considered the type species of *Mycetia*, viz. *M. vulgaris*, a synonym of *Copromyza equina* Fallén, 1820. However, this is an apparent error as Duda (1938: 15) correctly recognized, judging from the small size (1.1-1.4 mm) and distinctly

haired arista of *M. vulgaris*. Consequently, the genus is unrecognizable (see also Papp, 1994: 105) and even unplaceable to subfamily.

Scatophora Robineau-Desvoidy, 1830: 811 (feminine). Type species: *Scatophora carolinensis* Robineau-Desvoidy, 1830, subsequent designation by Spuler, 1925b: 1. - Becker, 1905: 37 [genus incertus; Palaearctic catalog]. **Note:** Spuler (1925b: 1) misidentified the type species as *Lotophila atra* (Meigen, 1830). Duda (1938: 16) found this interpretation incorrect and considered *Scatophora carolinensis* a doubtful species.

Doubtful species of Sphaeroceridae [unplaced to subfamilies] (species dubiae)

atrata Robineau-Desvoidy, 1830: 811 *Fimeticia* [sex not stated]. Type locality: France, Saint-Sauveur. STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 36 [Palaearctic catalog]. **Note:** Unrecognizable species (see Papp, 1984: 105) whose affiliation with Sphaeroceridae is uncertain.

cadaverina Robineau-Desvoidy, 1830: 810 *Fimeticia* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 36 [Palaearctic cata-log]. **Note:** A doubtful species (see Papp, 1984: 106) whose affiliation with Sphaeroceridae is not wholly certain.

carolinensis Robineau-Desvoidy, 1830: 811 *Scatophora* [sex not stated]. Type locality: USA: Carolina. STs, sex unknown (not found in MNHN, ? lost). **Note:** Spuler (1925b: 1) used this name for *Lotophila atra* (Meigen, 1830) but Duda (1938: 16) found this interpretation incorrect and considered *Scatophora carolinensis* a doubtful species. Moreover, it is not certain if this unrecognizable species really belongs to Sphaeroceridae.

claripennis Robineau-Desvoidy, 1830: 806 *Mycetia* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 30 [as synonym of *Limosina silvatica*; Palaearctic catalog]. **Note:** Haliday (1836: 326), followed by Becker (1905), considered this species a synonym of *Limosina silvatica* (Meigen, 1830) but this is uncertain as the description also agrees with some other large species of Limosiniinae or small Copromyzinae.

geniculata Robineau-Desvoidy, 1830: 805 *Bacchis* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 32 [as *Limosina*; Palaearctic catalog]. **Note:** Unrecognizable species (see Papp, 1984: 106); considering its size it could be a member of Limosiniinae but it is not entirely certain that it belongs to Sphaeroceridae.

leucoptera Robineau-Desvoidy, 1830: 804 *Bacchis* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 32 [as *Limosina*; Palaearctic catalog]. **Note:** The species or its generic affiliation cannot be recognized from the original description.

limpidipennis Robineau-Desvoidy, 1830: 810 *Fimeticia* [sex not stated]. Type locality: France, Saint-Sauveur. STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 36 [Palaearctic catalog]. **Note:** A doubtful species (see Papp, 1984: 106) whose affiliation with Sphaeroceridae is uncertain.

- ludibunda*** Robineau-Desvoidy, 1830: 804 *Bacchis* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 33 [as *Limosina*; Palaearctic catalog]. **Note:** Unrecognizable species (see Papp, 1984: 106); moreover its placement to Sphaeroceridae is uncertain.
- merdaria*** Robineau-Desvoidy, 1830: 811 *Scatophora* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 37 [Palaearctic catalog]. **Note:** Unrecognizable species with unknown systematic position (see also Papp, 1984: 106).
- putris*** Robineau-Desvoidy, 1830: 804 *Bacchis* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - Becker, 1905: 34 [as *Limosina*; Palaearctic catalog]. **Note:** Unrecognizable species (see Papp, 1984: 106] whose association with Sphaeroceridae is not certain.
- vulgaris*** Robineau-Desvoidy, 1830: 806 *Mycetia* [sex not stated]. Type locality: not given (? France). STs, sex unknown (not found in MNHN, ? lost). - **Note:** Following Macquart (1835: 566) the species is currently considered a synonym of *Copromyza equina* Fallén, 1820 (see p. 54) but it more probably belongs to some of the fungicolous species of Limosiniinae.

Unavailable generic names proposed in Sphaeroceridae

- Acuminiseta* Duda, 1920b: 435 [nomen nudum].
Alimosina Roháček, 1982c: 224 [nomen nudum].
Allolimosina Roháček, 1982c: 223 [nomen nudum].
Bifronsina Roháček, 1982c: 223 [nomen nudum].
Borborus Meigen, 1803: 276 [suppressed by ICZN 1997: 65 (opinion 1863)].
Collimosina Roháček, 1982c: 224 [nomen nudum].
Collinia Duda, 1922: 75 [nomen nudum].
Cypsela Meigen, 1800: 31 [rejected by ICZN 1963: 339-342 (opinion 678)].
Dahlimosina Roháček, 1982c: 223 [nomen nudum].
Dentilimosina Roháček, 1982c: 225 [nomen nudum].
Eulimosina Roháček, 1982c: 223 [nomen nudum].
Gigalimosina Roháček, 1982c: 221 [nomen nudum].
Hackmanina Roháček, 1982c: 225 [nomen nudum].
Herniosina Roháček, 1982c: 221 [nomen nudum].
Kimosina Roháček, 1982c: 224 [nomen nudum].
Mallochella Duda, 1920: 435 [nomen nudum].
Minilimosina Roháček, 1982c: 222 [nomen nudum].
Olinea Richards, 1961b: 561 [nomen nudum].
Opalimosina Roháček, 1982c: 224 [nomen nudum].
Pappiella Roháček, 1982c: 225 [nomen nudum].
Poecilosomella Duda, 1920b: 435 [nomen nudum].
Pullimosina Roháček, 1982c: 223 [nomen nudum].
Roubalia Vimmer, 1931: 334 [nomen nudum].
Schnuseella Duda, 1925: 64 [nomen nudum].
Spinilimosina Roháček, 1982c: 223 [nomen nudum].
Svarciella Roháček, 1982c: 222 [nomen nudum].
Telomerina Roháček, 1982c: 224 [nomen nudum].
Terrilimosina Roháček, 1982c: 222 [nomen nudum].

Všetečkiella Vimmer, 1931: 334 [nomen nudum].

Xenolimosina Roháček, 1982c: 222 [nomen nudum].

Unavailable specific names proposed in Sphaeroceridae

affinis Stenhammar, 1855: 427 *Limosina* [nomen nudum].

antonini Roháček, 1982c: 224 *Telomerina* [nomen nudum].

aterrimus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

atronitens Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

brunneus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

crassinervis Stenhammar, 1855: 424 *Limosina* [nomen nudum].

exilis Stenhammar, 1855: 426 *Limosina* [nomen nudum].

flavofasciata Stenhammar, 1855: 407 *Limosina* [nomen nudum].

flavovaria Duda, 1938: 130 *Limosina* (*Limosina*) *longisetosa* var. [nomen nudum].

frontalis Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

fuscilabris Stenhammar, 1855: 410 *Limosina* [nomen nudum].

fuscipes Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

gemmae Carles-Tolrá, 1986: 32 *Elachisoma* [nomen nudum].

geniculatus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

gonymelas Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

hirtipes Stephens, 1829a: 325 (unnamed) genus 209 [nomen nudum]. - Stephens, 1829b: 62 [list].

jorlii Carles-Tolrá, 1986: 32 *Opacifrons* [nomen nudum].

longicornis Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

longipes Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

lucidus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

microneura Carles-Tolrá, 1986: 32 *Pullimosina* (*Pullimosina*) [nomen nudum].

nervosus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

nigerrimus Haliday, 1833: 150 *Borborus* [nomen nudum].

nitidus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

obscurus Meigen in Séguy, 1934: 453 [nomen nudum]. - Morge, 1975: 458, 496 [list]; Morge, 1976: Pl. 297, Figs 3a-c [original Meigen's illustr.].

obsoletus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

opacus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

pallidus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

pallipes Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

pappi Carles-Tolrá, 1986: 32 *Pullimosina* (*Pullimosina*) [nomen nudum].

pappi Roháček, 1982c: 211, 216 *Spelobia* [nomen nudum].

phaeopterus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

planipes Harris, 1835a: 600 *Borborus* [nomen nudum].

platycephalus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

quaesita Roháček, 1982c: 220 *Spelobia* [nomen nudum].

ramosus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

rohaceki Carles-Tolrá, 1986: 32 *Coproica* [nomen nudum].

subaeneus Stephens, 1829a: 325 *Borborus* [nomen nudum]. - Stephens, 1829b: 62 [list].

subapterus Frey, 1941: 26 *Pteremis* [nomen nudum].

trogeri Roháček, 1982c: 220 *Minilimosina* [nomen nudum].

ulla Hackman, 1980: 147 *Limosina* [nomen nudum].

ulla Roháček, 1982c: 219 *Spelobia* [nomen nudum].

umbripennis Zetterstedt, 1847: 2482 *Copromyza* [nomen nudum].

Numbers of valid taxa of Sphaeroceridae in the catalog

Subfamily	genera	subgenera	species	subspecies
TUCMINAE	1	-	2	-
COPROMYZINAE	18	-	180	3
SPHAEROCERINAE	10	-	114	2
HOMALOMITRINAE	2	-	5	-
LIMOSININAE	80	13	1,038	-
Total	111	13	1,339	5