

Family Drosophilidae

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Small to medium-sized, mostly yellow to dark brown flies with bright red eyes. Front with 1 proclinate and 2 reclinate orbital bristles, proclinate bristle never nearer to eye margin than reclinate ones. Postvertical bristles convergent. Vibrissae mostly present. Arista usually plumose, with small fork at tip (pubescent in *Acletoxenus*, *Cacoxenus* and *Gitona*). Usually 2 pairs of dorsocentral bristles. Acrostichal setae in 2 to 10 rows. Mesopleural bristles missing. Scutellum dorsally bare, with 4 lateral bristles. Tibiae mostly with preapical bristles. Costa broken twice, extending to end of third (in *Cacoxenus* and *Leucophenga*) or fourth vein. Subcosta rudimentary, fading or fused with first vein. Anal cell present, small. Second basal cell confluent with discal cell (separated in *Cacoxenus*, *Stegana*, *Amiota*). Males usually with toothed claspers. Females often with a more or less sclerotized and toothed ovipositor.

Eggs usually white, elliptical, with 2 to 10 filaments or 2 vela (in Steganinae) on dorsal side. Surface covered with numerous hexagonal cells.

Larvae white, cylindrical, with dorsal and ventral hooklets in rows, posterior spiracles elongated.

Puparia brown, elliptical, anterior spiracles and posterior tubercles more or less developed.

Some species of *Drosophila* are abundant near over-ripe fruits and other decaying or fermenting substrates. *Drosophila melanogaster* MEIGEN and many other species are used in biological research. Larvae of many species are fruit-feeders, fungus-feeders or general scavengers. Other species develop in slime fluxes, in decaying plant material or in plant mines. Some species of *Cacoxenus* are symbionts of *Osmia* bees and other Hymenoptera. Larvae of *Acletoxenus formosus* LOEW and *Cacoxenus perspicax* KNAB are predators of Aleurodids and Coccids, respectively.

The family Drosophilidae has a worldwide distribution. In the Palearctic Region 304 species belonging to 19 genera are known; of these species, 205 are endemic. The largest number of species is known in *Drosophila* FALLÉN, with 141 species arranged in 27 species groups. *Amiota* LOEW is represented by 44 mostly endemic species.

Drosophila Information Service (DIS) is a publication periodically distributed to drosophilists by the Division of Biological Sciences, University of Kansas, Lawrence, USA. It contains lists of mutants and stocks, research notes, and a directory of laboratories and their personnel.

References: ASHBURNER and NOVITSKI, 1976; BÄCHLI and ROCHA PITÉ (1981); BASDEN, 1954; BURLA, 1951; DEMEREC, 1950; DUDA, 1924, 1934/35.; McALPINE, 1968; OKADA, 1956, 1968; PATTERSON and STONE, 1952; SHORROCKS, 1972; STACKELBERG, 1970; STURTEVANT, 1921, 1942; THROCKMORTON, 1962, 1975.

Subfamily Steganinae

Acletoxenus FRAUENFELD, 1868

FRAUENFELD, 1868: Verh. zool.-bot. Ges. Wien, **18**: 152.

Type-species: *Acletoxenus syrphoides* FRAUENFELD, 1868: l.c.: 152 (mon.)
[= *formosus* (LOEW)].

formosus (LOEW, 1864): Wien. ent. Mschr., **8**: 366 (*Gitona*). Type-localities: Nordshausen bei Kassel [D]. Schlesien and Meseritz (Poland).—Distr.: Europe: A, CH, CS, D, DDR, F, GB, H, I, NL, PL, R, YU; Asia: Israel; Canary Is.

syrphoides FRAUENFELD, 1868: Verh. zool.-bot. Ges. Wien, **18**: 152. (*Acletoxenus*). Type-localities: Austria, Miramar (Italy), Lesina [= Hvar] (Yugoslavia).

Amiota LOEW, 1862

LOEW, 1862: Berl. ent. Z., 6: 229.

Type-species: *Amiota leucostoma* LOEW, 1862: l.c.: 239 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 505); not Palaearctic.

Phortica SCHINER, 1862: see below as subgenus.

Paraphortica DUDA, 1934: see below as subgenus.

Subgenus AMIOTA LOEW, 1862

acuta OKADA, 1968: Kontyû, 36: 306. Type-locality: Asakawa, Tokyo (Japan).—

Distr.: Asia: Japan.

albilabris (ROTH in ZETTERSTEDT, 1860): Dipt. Scand., 14: 6425 (*Drosophila*). Type-locality: Bökestad, Scania (Sweden).—Distr.: Europe: A, CH, CS, GB, R, S, SF, YU; Asia: Japan.

obscuripes (STROBL, 1910): Mitt. naturw. Ver. Steierm., 46: 210 (*Phortica*). Type-locality: Steinbrück [= Zidani Most] (Yugoslavia) (by lectotype des.).

alboguttata (WAHLBERG, 1839): K. svenska VetenskAkad. Handl. (3), 1838: 22 (*Drosophila*). Type-locality: Ursäter prope Gusum (Sweden).—Distr.: Europe: CH, CS, D, DDR, F, GB, H, I, N, NL, R, S, SF; USSR: CET (Rs).

leucostoma (BECKER, 1908): Annls hist.-nat. Mus. natn. hung., 6: 320 (*Leucophenga*). Type-locality: Szászka (Roumania).

aquilotauris TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 110 (*Amiota*). Type-locality: Nukabira, Hokkaido (Japan).—Distr.: Asia: Japan.

balaenodentata TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 114 (*Amiota*). Type-locality: Tomakomai, Hokkaido (Japan).—Distr.: Asia: Japan.

basdeni FONSECA, 1965: Trans. Soc. Br. Ent., 16: 243 (*Amiota*). Type-locality: E. Kent: Woolwich Wood, Woolage Green (England).—Distr.: Europe: CH, CS, GB, H.

chungi OKADA, 1971: Kontyû, 39: 85 (*Amiota*). Type-locality: Mt. Sul-Ak, Kang-Won Prov. (S. Korea).—Distr.: Asia: S. Korea.

koreana OKADA et CHUNG, 1960: Akitu, 9: 25 (*Amiota*, as form of *alboguttata* WAHLBERG).

clavata OKADA, 1971: Kontyû, 39: 84 (*Amiota*). Type-locality: Sugadaira, Nagano Pref. (Japan).—Distr.: Asia: Japan.

curvistyla OKADA, 1971: Kontyû, 39: 86 (*Amiota*). Type-locality: Kitadake, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.

delta TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 108 (*Amiota*). Type-locality: Misumai, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.

- dentata** OKADA, 1971: Kontyû, **39**: 87 (*Amiota*). Type-locality: Hikagezawa, Tokyo (Japan).—Distr.: Asia: Japan.
- dispina** OKADA, 1960: Mushi, **34**: 97 (*Amiota*). Type-locality: Kinuta, Setagaya, Tokyo (Japan).—Distr.: Asia: S Korea, Japan.
- elongata** OKADA, 1971: Kontyû, **39**: 86 (*Amiota*). Type-locality: Sugadaira, Nagano Pref. (Japan).—Distr.: Asia: Japan.
- falcilis** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 111 (*Amiota*). Type-locality: Koryu Kozan, nr Eniwa, Hokkaido (Japan).—Distr.: Asia: Japan.
- filipes** MÁČA, 1980: Acta ent. bohemoslov., **77**(5): 340 (*Amiota*). Type-locality: Hluboká nad Vltavou, Bohemia mer. (Czechoslovakia).—Distr.: Europe: CS.
- flagellata** OKADA, 1971: Kontyû, **39**: 88 (*Amiota*). Type-locality: Kawafuru, Gumma Pref. (Japan).—Distr.: Asia: Japan.
- flavopruinosa** DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 33 (*Amiota*). Type-locality: St. Wendel, Saargebiet [D].—Distr.: Europe: CH, CS, D, DDR, YU.
- forficula** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 113 (*Amiota*). Type-locality: Namarikawa, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.
- furcata** OKADA, 1971: Kontyû, **39**: 85 (*Amiota*). Type-locality: Kumotoriyama, Tokyo (Japan).—Distr.: Asia: Japan.
- lanceolata** OKADA, 1971: Kontyû, **39**: 83 (*Amiota*). Type-locality: Kitadake, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.
- nagatai** OKADA, 1971: Kontyû, **39**: 97 (*Amiota*). Type-locality: Higashimera, Miyazaki Pref. (Japan).—Distr.: Asia: Japan; Ryukyu Is.
- neochungi** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 110 (*Amiota*). Type-locality: Misumai, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.
- onchopyga** NISHIHARU, 1979: Kontyû, **47**: 39 (*Amiota*). Type-locality: Nagafusamachi, Hachioji, Tokyo (Japan).—Distr.: Asia: Japan.
- orchidea** OKADA, 1968: Kontyû, **36**: 307 (*Amiota*). Type-locality: Miyazaki (Japan).—Distr.: Asia: Japan.
- palpifera** OKADA, 1971: Kontyû, **39**: 89 (*Amiota*). Type-locality: Kawafuru, Gumma Pref. (Japan).—Distr.: Asia: Japan.
- promissa** OKADA, 1960: Mushi, **34**: 93 (*Amiota*). Type-locality: Nuruyu, Miyagi Pref. (Japan).—Distr.: Asia: Japan.
- rufescens** (OLDENBERG, 1914): Arch. Naturgesch., **80A**(2): 21 (*Phortica*). Type-locality: Herkulesbad (Roumania).—Distr.: Europe: CH, GB, R, SF; USSR: CET (Rs).
- sigma** OKADA, 1971: Kontyû, **39**: 83 (*Amiota*). Type-locality: Kitadake, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.
- sinuata** OKADA, 1968: Kontyû, **36**: 305 (*Amiota*). Type-locality: Anbo, Yakushima (Japan).—Distr.: Asia: Japan.

- stylopyga** WAKAHAMA et OKADA, 1958: Annotnes zool. jap., **31**: 109 (*Amiota*).
Type-locality: Numanohata, nr Tomakomai, Hokkaido (Japan).—
Distr.: Asia: S. Korea, Japan.
- subfurcata** OKADA, 1971: Kontyû, **39**: 85 (*Amiota*). Type-locality: Sugadaira (Japan).—Distr.: Asia: Japan; Taiwan.
- subtusradiata** DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 32 (*Amiota*, as var. of *alboguttata* WAHLBERG). Type-localities: Habelschwerdt [= Bystrzyca] (Poland), Tvärminne (Finland), Ussuri-Geb., S. O. Sibir. (USSR) and Mehadia (Roumania).—Distr.: Europe: ?H, PL, R, SF; USSR: FE; ?N. America.
- taurusata** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 107 (*Amiota*). Type-locality: Koryu Kozan, nr Eniwa (Japan).—
Distr.: Asia: Japan.
- trifurcata** OKADA, 1968: Kontyû, **36**: 308 (*Amiota*). Type-locality: Masutomi, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.
- trochlea** TAKADA et TODA, 1973: J. Fac. gener. Educ., Sapporo Univ., **5**: 1 (*Amiota*). Type-locality: Misumai, Sapporo (Japan).—Distr.: Asia: Japan.

Subgenus PARAPHORTICA DUDA, 1934

- DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 36.
Type-species: *Drosophila lata* BECKER, 1907: Annu. Mus. zool. Acad. Sci. St.-Petersb., **12**: 306 (mon.).
- lata** (BECKER, 1907): Annu. Mus. zool. Acad. Sci. St.-Petersb., **12**: 306 (*Drosophila*).
Type-locality: "Gaschun-Gobi im östl. Chines. Turkestan: Fl. Bugas südl. von Hami, nach S. vom östl. Thian-Schan" (China).—Distr.: Asia: China.

Subgenus PHORTICA SCHINER, 1862

- SCHINER, 1862: Wien. ent. Mschr., **6**: 433.
Type-species: *Drosophila variegata* FALLÉN, 1823: Geomyzides Sveciae: 5 (orig. des.).
- conifera** OKADA, 1977: Bull. biogeogr. Soc. Japan, **32**: 18 (*Amiota*). Type-locality: Tanigawa, Gumma Pref. (Japan).—Distr.: Asia: Japan.
- takadai** OKADA, 1977: Bull. biogeogr. Soc. Japan, **32**: 18 (*Amiota*, as subsp. of *conifera*). Type-locality: Akkeshi (Japan).
- erinacea** MÁCA, 1977: Acta ent. bohemoslov., **74**: 125 (*Amiota* (*Phortica*)). Type-locality: Arkutino nr Primorsko (Bulgaria).—Distr.: Europe: BG.
- kappa** MÁCA, 1977: Acta ent. bohemoslov., **74**: 126 (*Amiota* (*Phortica*)). Type-locality: Hatonoyu, Ishikawa (Japan).—Distr.: Asia: Japan.
- magna** OKADA, 1960: Mushî, **34**: 99 (*Amiota*). Type-locality: Kinuta, Setagaya, Tokyo (Japan).—Distr.: Asia: Japan.

- okadai** MÁČA, 1977: Acta ent. bohemoslov., **74**: 122 (*Amiota* (*Phortica*)). Type-locality: Susugaya, Kanagawa Pref. (Japan).—Distr.: Asia: Japan.
- oldenbergi** (DUDA, 1924): Arch. Naturgesch., **90A**(3): 183 (*Phortica*).—Type-locality: Berlin-Pichelsberg [D] (by lectotype des.).—Distr.: Europe: DDR.
- semivirgo** MÁČA, 1977: Acta ent. bohemoslov., **74**: 123 (*Amiota* (*Phortica*)). Type-locality: Veselí n. Luž., near nature reserve Doubí, Bohemia mer. (Czechoslovakia).—Distr.: Europe: A, CH, CS, H, R, YU.
- variegata** (FALLÉN, 1823): Geomyzides Sveciae: 5 (*Drosophila*). Type-locality: Ostrogothia (Sweden).—Distr.: Europe: ?A, ?AL, BG, CH, CS, ?D, ?DDR, ?E, ?F, GB, H, ?I, ?P, ?R, S, ?SF, ?YU; ?USSR: CET (Rs), WS, FE; ?Azores.

Cacoxenus LOEW, 1858

LOEW, 1858: Wien. ent. Mschr., **2**: 217.

Type-species: *Cacoxenus indagator* LOEW, 1858: l.c.: 218 (mon.).

Paragitona KRÖBER, 1912: Z. wiss. InsektBiol., **8**: 235. Type-species: *Paragitona obscura* KRÖBER, 1912: l.c.: 236 (mon.) [= *indagator* LOEW, 1858].

Gitonides KNAB, 1914: see below as subgenus.

Paracacoxenus HARDY, 1960: see below as subgenus.

Subgenus **CACOXENUS** LOEW, 1858

indagator LOEW, 1858: Wien. ent. Mschr., **2**: 218 (*Cacoxenus*). Type-locality: Domanze bei Ingramsdorf (Poland).—Distr.: Europe: A, CH, CS, D, DDR, E, F, GB, H, NL, PL, R, YU.

obscura (KRÖBER, 1912): Z. wiss. InsektBiol., **8**: 236 (*Paragitona*). Type-locality: Bremen [D].

Subgenus **GITONIDES** KNAB, 1914

KNAB, 1914: Insecutor Inscit. menstr., **2**: 165.

Type-species: *Gitonides perspicax* KNAB, 1914: l.c.: 166 (orig. des.).

perspicax (KNAB, 1914): Insecutor Inscit. menstr., **2**: 166 (*Gitonides*). Type-localities: Honolulu, Hawaii (USA), Manila (Philippines), Pusa (India).—Distr.: North Africa: Egypt; Pantropical.

[*punctatus* DUDA, 1924: Arch. Naturgesch., **90A**(3): 225 (*Cacoxenus*). Type-locality: Takao [= Kao-hsiung], Formosa (Taiwan) (by lectotype des.).]

vlasovi (DUDA, 1934): 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 28 (*Gitona*). Type-locality: Ashabad [= Ashkhabad], Transcaspia (USSR).—Distr.: USSR: SMA (Tu); Asia: Mongolia.

Subgenus PARACACOXENUS HARDY, 1960

HARDY in HARDY and WHEELER, 1960: Ann. ent. Soc. Am., **53**: 358.

Type-species: *Paracacoxenus guttatus* HARDY and WHEELER, 1960: l.c.: 358 (orig. des.); not Palaearctic.

argyreator FREY, 1932: Notul. ent., **12**: 84 (*Cacoxenus*). Type-locality: Tvärminne (Finland).—Distr.: Europe: N, S, SF.

exiguus DUDA, 1924: Arch. Naturgesch., **90A**(3): 225 (*Cacoxenus*). Type-locality: Wustung bei Habelschwerdt [= Bystrzyca] (Poland) (by lectotype des.).—Distr.: Europe: CH, GB, PL.

inquilinus HENDEL, 1933: Dt. ent. Z., **1933**(1): 46 (*Cacoxenus*). Type-locality: Semmering, Niederösterreich (Austria).—Distr.: Europe: A.

kaszabi (OKADA, 1973): Annls hist.-nat. Mus. natn. hung., **65**: 271 (*Paracacoxenus*). Type-locality: Central aimak: Ulan Baator, Nucht im Bodgo ul, 1750 m (Mongolia).—Distr.: Europe: CS; Asia: Mongolia.

Gitona MEIGEN, 1830

MEIGEN, 1830: Syst. Besch., **6**: 129.

Type-species: *Gitona distigma* MEIGEN, 1830: l.c.: 130 (mon.).

beckeri DUDA, 1924: Arch. Naturgesch. **90A**(3): 226 (*Gitona*). Type-locality: Turkestan (China).—Distr.: Asia: China.

canariensis DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 27 (*Gitona*). Type-locality: Gr. Canaria, Las Palmas (Canary Is.).—Distr.: Canary Is.

distans BEZZI, 1924: Ann. Mag. nat. Hist., (9)**14**: 254 (*Gitona*). Type-locality: Cyprus.—Distr.: Europe: CY; Pakistan.

distigma MEIGEN, 1830: Syst. Besch., **6**: 130 (*Gitona*). Type-locality: Südliches Frankreich, Grenoble (France).—Distr.: Europe: A, CH, CS, D, DDR, E, F, H, I, PL, R, YU; USSR: SET, WS; Asia: Mongolia, China.

microchaeta SÉGUY, 1941: Annls Soc. ent. Fr., **110**: 17 (*Gitona*). Type-locality: Agadir (Morocco).—Distr.: North Africa: Morocco.

Leucophenga MIK, 1886

MIK, 1886: Wien. ent. Ztg, **5**: 317.

Type-species: *Drosophila maculata* DUFOUR, 1839: Ann. Sci. nat., (2) Zool., **12**: 50 (orig. des.).

Oxyleucophenga HENDEL, 1913: Ent. Mitt., **2**: 386. Type-species: *Oxyleucophenga undulata* HENDEL, 1913: l.c.: 387 (orig. des.); not Palaearctic.

Drosomyiella HENDEL, 1914: Supplta ent., **3**: 113. Type-species: *Drosophila abbreviata* DE MEIJERE, 1911: Tijdschr. Ent., **54**: 400 (orig. des.); not Palaearctic.

- Paraleucophenga* OLDENBERG, 1914: Arch. Naturgesch., **80A**(2): 18 (preocc. by HENDEL, 1914). Type-species: *Leucophenga quinquemaculata* STROBL, 1893: Wien. ent. Ztg, **12**: 283 (orig. des.).
- Neoleucophenga* OLDENBERG, 1915: Arch. Naturgesch., **80A**(9): 93, new name for *Paraleucophenga* OLDENBERG, 1914). Type-species: *Leucophenga quinquemaculata* STROBL, 1893 (aut.).
- angusta* OKADA, 1956: Syst. Study Drosophilidae Japan: 28 (*Leucophenga*). Type-locality: Meguro, Tokyo (Japan).—Distr.: Asia: Japan; S. Asia, Pacific Is., Australia.
- atrinervis* OKADA, 1968: Kontyû, **36**: 313 (*Leucophenga*). Type-locality: Nuruyu, Miyagi Pref. (Japan).—Distr.: Asia: Japan.
- bellula* (BERGROTH, 1894): Stettin. ent. Ztg, **55**: 75 (*Drosophila*). Type-locality: Coomooboolaroo, nr Duaringa, Queensland (Australia).—Distr.: Asia: Japan; S. Asia, Australia.
- maculiventris* (DE MEIJERE, 1908): Tijdschr. Ent., **51**: 155 (*Drosophila*). Type-locality: Semarang, Java (Indonesia) (preocc. by VAN DER WULP, 1897).
- guttiventris* (DE MEIJERE, 1908): Tijdschr. Ent., **51**: 331 (*Drosophila*, new name for *maculiventris* DE MEIJERE, 1908).
- concilia* OKADA, 1956: Syst. Study Drosophilidae Japan: 30 (*Leucophenga*). Type-locality: Kakinokizaka, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is.
- interrupta* DUDA, 1924: Arch. Naturgesch., **90A**(3): 187 (*Leucophenga*). Type-locality: Formosa (Taiwan).—Distr.: Asia: Japan; S. Asia.
- lacteusa* TAKADA et WAKAHAMA, 1967: Annotnes zool. jap., **40**: 56 (*Leucophenga*). Type-locality: Fungawa, Okinawa, Ryukyu Is. (Japan).—Distr.: Asia: Japan; Ryukyu Is.
- maculata* (DUFOUR, 1839): Ann. Sci. nat., (2) Zool., **12**: 50 (*Drosophila*). Type-locality: not given (France).—Distr.: Europe: A, CH, CS, D, DDR, E, F, GB, H, I, PL, R, S, TR, YU; USSR: SET; Asia: S. Korea, Japan; Taiwan.
- orientalis* LIN et WHEELER, 1972: Univ. Tex. Publs, 7213: 249 (*Leucophenga*). Type-locality: Puli, Nan-Tou (Taiwan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is., Taiwan, Pacific Is.
- ornata* WHEELER, 1959: Univ. Tex. Publs, 5914: 184, new name for *Leucophenga ornatipennis* DE MEIJERE, 1914).—Distr.: Asia: S. Korea, Japan; S. Asia, Australia.
- [*ornatipennis* (DE MEIJERE, 1914): Tijdschr. Ent., **57**: 256 (*Drosophila*, Type-locality: Nongkodjadjar, Java (Indonesia) (preocc. by WILLISTON, 1896).]
- quadripunctata* (DE MEIJERE, 1908): Tijdschr. Ent., **51**: 154 (*Drosophila*). Type-locality: Semarang, Java (Indonesia).—Distr.: Asia: S. Korea, Japan; S. Asia, Australia.
- quinquemaculata* STROBL, 1893: Wien. ent. Ztg, **12**: 283 (*Leucophenga*). Type-locality: Styria sup., 1300 m (Austria).—Distr.: Europe: A, CH, I, PL, S, SF; USSR: NET, CET, FE.

- marginalis* (OLDENBERG, 1914): Arch. Naturgesch., 80A(2): 18 (*Paraleucophenga*, as var. of *quinquemaculata*). Type-locality: Macugnaga (Italy).
- quinquemaculipennis* OKADA, 1956: Syst. Study Drosophilidae Japan: 33 (*Leucophenga*). Type-locality: Senjôdake, Nagano Pref. (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.
- saigusai* OKADA, 1968: Kontyû, 36: 312 (*Leucophenga*). Type-locality: Masutomi, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.
- sorii* KANG, LEE et BAHNG, 1965: Annotnes zool. jap., 38: 97 (*Leucophenga*). Type-locality: Mt. Sori, Kwangneung area, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan.
- stackelbergi* DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg. 6(1): 40 (*Leucophenga*). Type-locality: Rjabokonj, Chanka See, Ussuri, Ostsibirien (USSR).—Distr.: USSR: FE.
- stenomaculipennis* OKADA, 1968: Kontyû, 36: 315 (*Leucophenga*). Type-locality: Masutomi, Yamanashi Pref. (Japan).—Distr.: Asia: Japan.
- subpollinosa* (DE MEIJERE, 1914): Tijdschr. Ent., 57: 263 (*Drosophila*). Type-locality: Semarang, Java (Indonesia).—Distr.: Asia: Japan; old world tropics, Australia.

Paraleucophenga HENDEL, 1914

HENDEL, 1914: Supplta ent., 3: 114.

Type-species: *Paraleucophenga triseta* HENDEL, 1914: l.c.: 114 (orig. des.) [= *invicta* WALKER, 1857]]; not Palearctic.

Trichiaspiphenga DUDA, 1924: Arch. Naturgesch., 90A(3): 185. Type-species: *Helomyza invicta* WALKER, 1857: J. Proc. Linn. Soc. Lond. Zool. 1: 130 (mon.); not Palearctic.

argentosa (OKADA, 1956): Syst. Study Drosophilidae Japan: 24 (*Leucophenga*). Type-locality: Setagaya, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.

Soederbomia HENDEL, 1938

HENDEL, 1938: Ark. Zool., 30A(3): 9 (as *Söderbomia*).

Type-species: *Soederbomia flava* HENDEL, 1938: l.c.: 12 (mon.).

flava HENDEL, 1938: Ark. Zool., 30A(3): 12 (*Soederbomia*). Type-locality: S. W. Mongolei (Mongolia).—Distr.: Asia: Mongolia.

Stegana MEIGEN, 1830

MEIGEN, 1830: Syst. Besch., 6: 79.

Type-species: *Stegana nigra* MEIGEN, 1830: l.c.: 79 (des. ZETTERSTEDT, 1847: Dipt. Scand., 6: 2577) [= *furta* (LINNAEUS, 1767)].

Protostegana HENDEL, 1920: Wien. ent. Ztg, **38**: 53. Type-species: *Drosophila curvipennis* FALLÉN, 1823: Geomyzides Sveciae: 4 (orig. des.) [= *furta* LINNAEUS, 1767)].

Chaetocnema DUDA, 1926: Annls hist.-nat. Mus. natn. hung., **23**: 242 unjustified new name for *Orthostegana* HENDEL, 1913, and *Eostegana* HENDEL, 1913, and *Protostegana* HENDEL, 1920, and *Oxyphortica* DUDA, 1923, and *Stegophortica* DUDA, 1924). Type-species: *Chaetocnema poeciloptera* DUDA, 1926: l.c.: 243 (by present des. = *Orthostegana nigripennis* HENDEL, 1914).

Oxyphortica DUDA, 1923: see below as subgenus.

Steganina WHEELER, 1960: see below as subgenus.

Subgenus OXYPHORTICA DUDA, 1923

DUDA, 1923: Annls hist.-nat. Mus. natn. hung., **20**: 34.

Type-species: *Drosophila convergens* DE MEIJERE, 1911: Tijdschr. Ent., **54**: 400 (mon.); not Palaearctic.

nigripennis (HENDEL, 1914): Supplta ent., **3**: 115 (*Orthostegana*). Type-locality: Sokutsu, Formosa (Taiwan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is., Taiwan.

[*poeciloptera* (DUDA, 1926): Annls hist.-nat. Mus. natn. hung., **23**: 243 (*Chaetocnema*). Type-localities: Kosempo [= Kuo-shing-pu] and Koshun [= Heng-chung] and Tapani [= Tah-pan] and Toyenmongai [= Tao-yuan], Formosa (Taiwan).]

kanoi (OKADA, 1956): Syst. Study Drosophilidae Japan: 14 (*Protostegana*). Type-locality: Ishigakijima (Japan).

Subgenus STEGANA MEIGEN, 1830

furta (LINNAEUS, 1767): Syst. Nat. Ed. 12. 1(2): 991 (*Musca*). Type-locality: Uppsala (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, F, GB, H, I, N, NL, PL, R, S, SF, YU; USSR: NET, CET (Rs), FE.

curvipennis (FALLÉN, 1823): Geomyzides Sveciae: 4 (*Drosophila*). Type-locality: Esperöd, Suecia superior (Sweden).

nigra MEIGEN, 1830: Syst. Besch., **6**: 79. (*Stegana*) Type-locality: not given.

sibirica (DUDA, 1934): 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 20 (*Protostegana*). Type-locality: Ussurigebirge, Südostsibirien (USSR).—Distr.: USSR: FE.

taba OKADA, 1971: Mushi, **45**: 87 (*Stegana*). Type-locality: Kitadake, Yamanashi Pref. (Japan).—Distr.: Asia: S. Korea, Japan.

Subgenus STEGANINA WHEELER, 1960

WHEELER, 1960: Proc. ent. Soc. Wash., **62**: 110.

Type-species: *Musca coleoptrata* SCOPOLI, 1763: Entom. carniolica, 338 (orig. des.).

coleoptrata (SCOPOLI, 1763): Entom. carniolica: 338 (*Musca*). Type-locality: not given (?Yugoslavia).—Distr.: Europe: A, CH, CS, D, DDR, F, GB, H, NL, PL, R, S, SF; USSR: NET, CET (Rs); Asia: Japan; N. America.

hypoleuca MEIGEN, 1830: Syst. Besch., **6**: 80 (*Stegana*). Type-locality: Kiel [D].

annulata HALIDAY, 1833: Ent. Mag., **1**: 172 (*Stegana*). Type-locality: Holywood, Downshire, Ulster (Great Britain).

nigrithorax STROBL, 1898: Mitt. naturw. Ver. Steierm., **34**: 266 (*Stegana*, as var. of *coleoptrata*). Type-locality: Ennsufer im Gesäuse (Austria).

ctenaria NISHIHARU, 1979: Kontyû, **47**: 38 (*Stegana*). Type-locality: Nagafusamachi, Hachioji, Tokyo (Japan).—Distr.: Asia: Japan.

excavata OKADA, 1971: Mushi, **45**: 86 (*Stegana*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.

longifibula TAKADA, 1968: J. Fac. gener. Educ., Sapporo Univ., **1**: 123 (*Stegana*). Type-locality: Kushiro Golf Course, Kushiro, Hokkaido (Japan).—Distr.: Asia: Japan.

mehadiae DUDA, 1924: Arch. Naturgesch., **90A**(3): 181 (*Stegana*). Type-locality: Mehadia (Roumania).—Distr.: Europe: CS, R, SF; USSR: CET (Rs).

nigrifrons DE MEIJERE, 1911: Tijdschr. Ent., **54**: 418 (*Stegana*). Type-locality: Batavia [= Djakarta], Java (Indonesia).—Distr.: Asia: Japan; S. Asia.

stroblii MIK, 1898: Wien. ent. Ztg., **17**: 216 (*Stegana*). Type-locality: Bucsecs, near Brasov (Roumania) (by lectotype des.).—Distr.: Europe: A, CS, D, DK, F, GB, H, R, S, SF; USSR: CET (Rs).

unidentata TAKADA, 1968: J. Fac. gener. Educ., Sapporo Univ., **1**: 125 (*Stegana*). Type-locality: Kushiro Golf Course, Kushiro, Hokkaido (Japan).—Distr.: Asia: Japan.

Subfamily Drosophilinae

Chymomyza CZERNY, 1903

CZERNY, 1903: Z. syst. Hymenopt. Dipterol., **3**: 199.

Type-species: *Drosophila fuscimana* ZETTERSTEDT, 1838: Insecta Lapp., 776 (des. STURTEVANT, 1921: Publs Carnegie Instn, No **301**: 61).

Amphoroneura DE MEIJERE, 1911: Tijdschr. Ent., **54**: 423. Type-species: *Amphoroneura rufithorax* DE MEIJERE, 1911: Tijdschr. Ent., **54**: 424 (des. OKADA, 1977: Drosophilidae, in Cat. Dipt. Orient. Reg., **3**: 352; not Palaearctic.

- amoena** (LOEW, 1862): Berl. ent. Z., 6: 230 (*Drosophila*). Type-locality: District Columbia (USA).—Distr.: Europe: CS; N. America.
- atrimana** OKADA, 1956: Syst. Study Drosophilidae Japan: 65 (*Chymomyza*). Type-locality: Kamakura, Kanagawa Pref. (Japan).—Distr.: Asia: Japan.
- caudatula** OLDENBERG, 1914: Arch. Naturgesch., 80A(2): 4 (*Chymomyza*). Type-locality: Herkulesbad [= Băile Herculane] (Roumania).—Distr.: Europe: A, CH, D, R, SF; USSR: CET; Asia: Japan; N. America.
- costata** (ZETTERSTEDT, 1838): Insecta Lapp.: 776 (*Drosophila*). Type-localities: Tornetrask and Åsele and Stoettingsfjellet and Tresunda and Wilhelmina and Umenaes and Brattiksfjellen and Gamsttind, Lapponia, and Laerketorp, Ostrogothia (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, GB, N, NL, PL, S, SF; USSR: NET, CET (Rs); Asia: N. Korea, Japan.
- distincta** (EGGER, 1862): Verh. zool.-bot. Ges. Wien, 12: 780 (*Drosophila*). Type-locality: Austria.—Distr.: Europe: A, CH, CS, D, DDR, ?F, GB, N, PL, S, SF; USSR: CET (Rs); Asia: Japan.
- oldenbergi* DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., 6(1): 45 (*Chymomyza*). Type-locality: not given.
- fuscimana** (ZETTERSTEDT, 1838): Insecta Lapp.: 776 (*Drosophila*). Type-localities: Nordanås in paroecia Fredrica and Naestansjö, Lapponia meridional (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, GB, ?H, PL, S, SF; USSR: NET, CET (Rs), WS; Asia: Japan.
- albopunctata* (BECKER, 1900): Acta Soc. Sci. fenn., 26(9): 64 (*Drosophila*). Type-locality: Insel Nikander [= Nikandrev Is.] (USSR).
- japonica** OKADA, 1956: Syst. Study Drosophilidae Japan: 65 (*Chymomyza*). Type-locality: Tadeshina, Nagano Pref. (Japan).—Distr.: Asia: Japan.
- [obscura]** (DE MEIJERE, 1911): Tijdschr. Ent., 54: 424 (*Amphoroneura*). Type-locality: Batavia [= Djakarta], Java (Indonesia).—Distr.: Asia: ?Japan; S. Asia.]
- obscuroides** OKADA, 1976: Kontyû, 44: 497 (*Chymomyza*). Type-locality: Yatsushiro, Kumamoto Pref. (Japan).—Distr.: Asia: Japan.
- procnemis** (WILLISTON, 1896): Trans. ent. Soc. Lond., 1896: 412 (*Drosophila*). Type-locality: not given ("St. Vincent", West Indies).—Distr.: Asia: Japan; N. America, S. America; Hawaii.

Dettopsomyia LAMB, 1914

LAMB, 1914: Trans. Linn. Soc. London, (2) Zool., 16: 349.

Type-species: *Dettopsomyia formosana* LAMB, 1914: l.c.: 350 (orig. des.); not Palearctic.

- nigrovittata** (MALLOCH, 1924): Proc. Linn. Soc. N. S. W. 49: 352 (*Drosophila*). Type-locality: Sydney (Australia).—Distr.: Asia: Japan; Madeira, Canary Is.; N. America, Pacific Is., Australia.

- argentifrons* OKADA, 1956: Syst. Study Drosophilidae Japan: 55 (*Detto-psomyia*). Type-locality: Setagaya, Tokyo (Japan).
pictipes (DE MEIJERE, 1911): Tijdschr. Ent., **54**: 411 (*Drosophila*). Type-locality: Wonosobo, Java (Indonesia).—Distr.: Asia: Japan; S. Asia.

Drosophila FALLÉN, 1823

FALLÉN, 1823: Geomyzides Sveciae: 4.

Type-species: *Musca funebris* FABRICIUS, 1787: Mantissa insect.: 345 (des. ZETTERSTEDT, 1847: Dipt. Scand., **6**: 2542).

Spinulophila DUDA, 1923: Annls hist.-nat. Mus. natn. hung., **20**: 48. Type-species: *Spinulophila signata* DUDA, 1923: l.c.: 48 (des. STURTEVANT, 1927: Philipp. J. Sci., **32**: 367); not Palaearctic.

Paradrosophila DUDA, 1923: Annls hist.-nat. Mus. natn. hung., **20**: 43. Type-species: *Drosophila pictipennis* KERTÉSZ, 1901: Természetr. Fü., **24**: 421 (des. STURTEVANT, 1927: Philipp. J. Sci., **32**: 367); not Palaearctic.

Acanthopterna DUDA, 1925: Annls hist.-nat. Mus. natn. hung., **22**: 200, new name for *Spinodrosophila* DUDA, 1924. Type-species: *Drosophila nigrosparsa* STROBL, 1898 (aut.).

Acrodrosophila DUDA, 1924: Arch. Naturgesch., **90A**(3): 203. Type-species: *Drosophila testacea* VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), **17**(1): 62 (mon.); not Palaearctic.

Acanthophila DUDA, 1925: Annls hist.-nat. Mus. natn. hung., **22**: 200, new name for *Spinulophila* DUDA, 1923. Type-species: *Spinulophila signata* DUDA, 1923 (aut.); not Palaearctic.

Dasydrosophila DUDA, 1925: Annls hist.-nat. Mus. natn. hung., **22**: 152, new name for *Hirtodrosophila* DUDA, 1923. Type-species: *Drosophila hirticornis* DE MEIJERE, 1914: Tijdschr. Ent., **57**: 261 (DUDA, 1927: Arch. Naturgesch., **91A**(11-12): 109, illegal designation); not Palaearctic.

Hirtodrosophila DUDA, 1923: see below as subgenus.

Scaptodrosophila DUDA, 1923: see below as subgenus.

Spinodrosophila DUDA, 1924: see below as subgenus.

Sophophora STURTEVANT, 1939: see below as subgenus.

Dorsilopha STURTEVANT, 1942: see below as subgenus.

Lordiphosa BASDEN, 1961: see below as subgenus.

Subgenus DORSILOPHA STURTEVANT, 1942

STURTEVANT, 1942: Univ. Tex. Publs, 4213: 28.

Type-species: *Drosophila busckii* COQUILLETT, 1901: Ent. News, **12**: 18 (orig. des.).

busckii COQUILLETT, 1901: Ent. News, **12**: 18 (*Drosophila*, as *buskii*). Type-localities: Washington, D. C., Charlestown, W. Va., Algonquin, Ill. (USA).—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, GR,

- H, I, IRE, N, NL, P, S, SF, TR, YU; USSR: CET (Rs, Uk), SET; Asia: Lebanon, Israel, N. Korea, S. Korea, China, Japan; North Africa: Morocco, Tunisia, Egypt; Azores, Madeira, Canary Is.; worldwide.
rubrostriata BECKER, 1908: Mitt. zool. Mus. Berl., 4: 155 (*Drosophila*, as *rubro-striata*). Type-locality: Villa Orotava, Teneriffe (Canary Is.).
plurilineata VILLENEUVE, 1911: Wien. ent. Ztg, 30: 83 (*Drosophila*). Type-locality: Paris (France).

Subgenus DROSOPHILA FALLEN, 1823

- acutissima* OKADA, 1956: Syst. Study Drosophilidae Japan; 139 (*Drosophila*). Type-locality: Meguro, Tokyo (Japan).—Distr.: Asia: Japan; S. Asia.
afer TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 200 (*Drosophila*). Type-localities: Hangchow and Meitan (China).—Distr.: Asia: China.
angularis OKADA, 1956: Syst. Study Drosophilidae Japan; 128 (*Drosophila*). Type-locality: Morioka, Iwate Pref. (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.
annulipes DUDA, 1924: Arch. Naturgesch., 90A(3): 209, 221 (*Drosophila*). Type-locality: Formosa (Taiwan).—Distr.: Asia: S. Korea, Japan; S. Asia, Pacific Is.
virgata TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 203 (*Drosophila*). Type-locality: Meitan (China).
bizonata KIKKAWA et PENG, 1938: Jap. J. Zool., 7: 532 (*Drosophila*). Type-localities: Kyôto and Kôbe (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan; Ryukyu Is., Hawaii.
brachynephros OKADA, 1956: Syst. Study Drosophilidae Japan: 126 (*Drosophila*). Type-locality: Morioka, Iwate Pref. (Japan).—Distr.: Asia: S. Korea, Japan; India.
buzzatii PATTERSON et WHEELER, 1942: Univ. Tex. Publs, 4213: 97 (*Drosophila*). Type-locality: Cordoba (Argentina).—Distr.: Europe: E, I, P, YU; Asia: Lebanon, Israel; North Africa: Morocco, Egypt; Madeira, Canary Is.; Pantropical.
tigrina BUZZATI-TRAVERSO, 1943: Rc. Ist. lomb. Sci. Lett., Cl. Sci., 77: 44 (*Drosophila*). Type-locality: Trapani, Sicilia (Italy).
cheda TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 199 (*Drosophila*). Type-locality: Hangchow (China).—Distr.: Asia: S. Korea, China.
curviceps OKADA et KUROKAWA, 1957: Kontyû, 25: 8 (*Drosophila*). Type-locality: Setagaya, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan; India.
daruma OKADA, 1956: Syst. Study Drosophilidae Japan: 155 (*Drosophila*). Type-locality: Aoshima, Miyazaki Pref. (Japan).—Distr.: Asia: S. Korea, Japan; S. Asia, Bonin Is.
ezoana TAKADA et OKADA, 1958: Jap. J. Zool., 12: 134 (*Drosophila*). Type-locality: Asahidake, Hokkaido (Japan).—Distr.: Europe: N, S, SF; Asia; Japan.

- flavofasciata** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 122 (*Drosophila*). Type-locality: Ootaneppu, Hokkaido (Japan).—Distr.: Asia: Japan.
- funbris** (FABRICIUS, 1787): Mantissa insect., 2: 345 (*Musca*). Type-locality: Hafniae [= Copenhagen] (Denmark).—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, IS, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (Rs, Uk), SET (Uk), TC (Ge), KZ, SMA (Uz, Tj, Ki), WS, FE; Asia: Lebanon, Israel, Iran, Mongolia, N. Korea, Japan; North Africa: Morocco, Libya, Egypt; Azores, Madeira, Canary Is.; world-wide excl. Oriental Region.
- grandis** KIKKAWA et PENG, 1938: Jap. J. Zool., 7: 543 (*Drosophila*). Type-localities: Kôhu and Kyôto (Japan).—Distr.: Asia: S. Korea, Japan.
- histrio** MEIGEN, 1830: Syst. Besch., 6: 85 (*Drosophila*). Type-locality: Oesterreich (Austria).—Distr.: Europe: A, CH, CS, D, DDR, E, F, GB, H, I, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (Rs), SET; Asia: N. Korea, S. Korea, Japan; North Africa; Algeria; S. China.
- pokornyi** DUDA, 1924: Arch. Naturgesch., 90A(3): 218. (*Drosophila*). Type-locality: Tyrolis, Pieve di Ledro (Italy).
- hydei** STURTEVANT, 1921: Publs. Carnegie Instn, No. 301: 101 (*Drosophila*). Type-locality: Lakeland, Florida (USA).—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, H, I, N, NL, P, S, SF, YU; Asia: Lebanon, Japan; North Africa: Morocco, Tunisia, Egypt; Azores, Madeira; worldwide.
- immigrans** STURTEVANT, 1921: Publs. Carnegie Instn, No. 301: 83 (*Drosophila*). Type-locality: White Plains, N.Y. (USA).—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, N, NL, P, S, SF, TR, YU; USSR: CET (Uk); Asia: Lebanon, Israel, S. Korea, China, Japan; North Africa: Morocco, Tunisia, Egypt; Azores, Madeira, Canary Is., worldwide.
- cilifemur** VILLENEUVE, 1923: Bull. Soc. ent. Fr., 1923: 28 (*Drosophila*). Type-locality: Strasbourg (France) (by lectotype des.).
- iri** BURLA, 1954: Revue suisse Zool., 61 (Suppl.): 180 (*Drosophila*). Type-locality: Adzopé (Ivory Coast).—Distr.: Europe: GB; Ivory Coast.
- kanekoi** WATABE et HIGUCHI, 1979: Annotnes zool. jap., 52: 204 (*Drosophila*). Type-locality: River Chitose nr Sapporo (Japan).—Distr.: Asia: Japan.
- kuntzei** DUDA, 1924: Arch. Naturgesch., 90A(3): 218 (*Drosophila*). Type-locality: Europe.—Distr.: Europe: A, B, CH, CS, D, E, F, GB, GR, H, I, NL, PL, R, TR, YU; USSR; Asia: Iran, S. Korea, Japan; North Africa: Morocco.
- lacertosa** OKADA, 1956: Syst. Study Drosophilidae Japan: 158 (*Drosophila*). Type-locality: Hakamoriyama, Iwate Pref. (Japan).—Distr.: Asia: S. Korea, Japan; S. Asia.
- limbata** VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), 17(1): 62. (*Drosophila*). Type-locality: not given (Württemberg).—Distr.: Europe:

- A, B, CH, CS, D, DDR, DK, E, F, GB, H, I, NL, PL, R, S, SF, YU;
USSR: CET (Rs), SET (Uk), FE; Asia: Japan.
- littoralis** MEIGEN, 1830: Syst. Besch., 6: 87 (*Drosophila*). Type-locality: not given (?Germany).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, H, I, IRE, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (La, Rs), SET, TC (Ge), FE; Asia: Iran; ?Azores.
- parenti** VILLENEUVE, 1921: Annls Soc. ent. Belg., 61: 159 (*Drosophila*). Type-locality: Trescault, Pas-de-Calais (France).
- lugubrina** DUDA, 1924: Arch. Naturgesch., 90A(3): 224 (*Drosophila*). Type-locality: Europa.
- imeretensis** SOKOLOV, 1948: Dokl. Akad. Nauk SSSR, 59: 1007 (*Drosophila*). Type-localities: Kutaisi, Imeretia, Georgian SSR, and Moscow (USSR).
- lummei** HACKMAN, 1972: Notul. ent., 52: 89 (*Drosophila*). Type-locality: Kuopio-Vaajasalo (Finland).—Distr.: Europe: CS, N, S, SF; USSR: CET (Rs); Asia: Japan.
- maculinotata** OKADA, 1956: Syst. Study Drosophilidae Japan: 145 (*Drosophila*). Type-locality: Nishikomagatake, Nagano Pref. (Japan).—Distr.: Asia: Japan.
- makinoi** OKADA, 1956: Syst. Study Drosophilidae Japan: 135 (*Drosophila*). Type-locality: Kurotake, Hokkaido (Japan).—Distr.: Asia: Japan.
- mercatorum** PATTERSON et WHEELER, 1942: Univ. Tex. Publs, 4213: 93 (*Drosophila*). Type-locality: Santa Barbara, California (USA).—Distr.: Europe: E, P; North Africa: Morocco; Madeira, Canary Is.; Pan-tropical.
- metakuntzei** OKADA, 1973: Annls hist.-nat. Mus. natn. hung., 65: 278 (*Drosophila*). Type-locality: Central aimak: Tosgoni ovoo, 5–10 km N von Ulan-Baator (Mongolia).—Distr.: Asia: Mongolia.
- montana** STONE, GRIFFEN et PATTERSON, 1942: Genetics, 27: 172 (*Drosophila*). Type-locality: not given ("USA").—Distr.: Europe: N, S, SF; Asia: Japan; N. America.
- montana** PATTERSON et WHEELER, 1942: Univ. Tex. Publs, 4213: 75 (*Drosophila*). Type-locality: Grand Teton National Park, Wyoming (USA) (preocc. by STONE, GRIFFEN and PATTERSON, 1942).
- ovivororum** LAKOVAARA et HACKMAN, 1973: Notul. ent., 53: 167 (*Drosophila*). Type-locality: Karesuando, Swedish Lapland (Sweden).
- moriwakii** OKADA et KUOKAWA, 1957: Kontyû, 25: 9 (*Drosophila*). Type-locality: Akkeshi, Hokkaido (Japan).—Distr.: Asia: Japan.
- multispina** OKADA, 1956: Syst. Study Drosophilidae Japan: 143 (*Drosophila*). Type-locality: Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.
- neokadai** KANEKO et TAKADA, 1966: Annotnes zool. jap., 39: 56 (*Drosophila*). Type-locality: Tōya-Ko-Onsen, Abuta-chō, Hokkaido (Japan).—Distr.: Asia: Japan.

- nigromaculata** KIKKAWA et PENG, 1938: Jap. J. Zool., **7**: 537 (*Drosophila*). Type-localities: Sapporo and Ayabe and Kyôto (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.
- okadai** TAKADA, 1959: Annotnes zool. jap., **32**: 152 (*Drosophila*). Type-locality: Mt. Raus, Shiretoko Peninsula, Hokkaido (Japan).—Distr.: Asia: Japan.
- parakuntzei** OKADA, 1973: Annls hist.-nat. Mus. natn. hung., **65**: 276 (*Drosophila*). Type-locality: Central aimak: Ulan-Baator, Nucht im Bogdo ul., 1880 m (Mongolia).—Distr.: Asia: Mongolia.
- pengi** OKADA et KUROKAWA, 1957: Kontyû, **25**: 11 (*Drosophila*). Type-locality: Suginami, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.
- phalerata** MEIGEN, 1830: Syst. Besch., **6**: 83 (*Drosophila*). Type-locality: not given (?Germany).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (Rs, Uk), SET, TC (Ge); Asia: Lebanon, Iran; North Africa: Morocco, Tunisia; Azores.
- picta** ZETTERSTEDT, 1847: Dipt. Scand., **6**: 2567 (*Drosophila*). Type-locality: Dania (Denmark).—Distr.: Europe: A, CS, D, DDR, DK, E, F, GB, GR, H, NL, PL, S, SF.
- macularis** VILLENEUVE, 1921: Annls Soc. ent. Belg., **61**: 159 (*Drosophila*). Type-localities: Blain, Loire-Inférieure, and Rambouillet (France).
- pleurofasciata** DUDA, 1924: Arch. Naturgesch., **90A**(3): 213 (*Drosophila*). Type-locality: "Europa".
- polychaeta** PATTERSON et WHEELER, 1942: Univ. Tex. Publs, 4213: 102 (*Drosophila*). Type-locality: Galveston, Texas (USA).—Distr.: Europe: GB, NL; N. America, S. America, Pacific Is.
- pseudosordidula** KANEKO, TOKUMITSU et TAKADA, 1964: J. Fac. Sci. Hokkaido Univ., (6) Zool., **15**: 375 (*Drosophila*). Type-locality: Nopporo, Hokkaido (Japan).—Distr.: Asia: Japan.
- [pullata]** TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 200 (*Drosophila*). Type-locality: not given ("China").—Distr.: Asia: China.]
- [putrida]** STURTEVANT, 1921.—Not Palaearctic.]
- quadrisetata** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 124 (*Drosophila*). Type-locality: Soranuma, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.
- repleta** WOLLASTON, 1858: Ann. Mag. nat. Hist., (3)**1**: 117 (*Drosophila*). Type-locality: Funchal (Madeira).—Distr.: Europe: A, CH, CS, D, DDR, E, F, GB, GR, H, I, NL, P, ?PL, SF, TR, YU; Asia: Lebanon, Israel, China, S. Korea, Japan; North Africa: Morocco, Algeria, Tunisia, Libya, Egypt; Azores, Madeira, Canary Is.; Pantropical.
- adpersa** MIK, 1886: Wien. ent. Ztg., **5**: 328 (*Drosophila*). Type-localities: Wien (Austria) and Aschanti, Africa orientalis (Ghana).
- repletoides** HSU, 1943: Kwangsi Agric., **4**: 155 (*Drosophila*). Type-locality: Meitan, Kweichow (China).—Distr.: Asia: China, Japan.

- tumiditarsus* TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 205 (*Drosophila*). Type-localities: Meitan and Liuchow and Hangchow (China).
- hayashii* OKADA, 1953: Zool. Mag., **62**: 284 (*Drosophila*). Type-locality: not given (Japan).
- chinoi* OKADA, 1956: Syst. Study Drosophilidae Japan: 162 (*Drosophila*). Type-locality: Setagaya, Tokyo (Japan).
- sordidula* KIKKAWA et PENG, 1938: Jap. J. Zool., **7**: 539 (*Drosophila*). Type-localities: Sapporo and Akita and Innai and Sado and Kamisuwa and Gotenba and Kyôto (Japan) and Keizyô (S. Korea).—Distr.: Asia: S. Korea, Japan.
- sternopleuralis* OKADA et KUROKAWA, 1957: Kontyû, **25**: 6 (*Drosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.
- takadai* LEE, 1964: Korean J. Zool., **7**: 108 (*Drosophila*). Type-locality: Daekwanryung, Kang-Won Prov. (S. Korea).—Distr.: Asia: S. Korea.
- tenuicauda* OKADA, 1956: Syst. Study Drosophilidae Japan: 141 (*Drosophila*). Type-locality: Attoko, Hokkaido (Japan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is.
- testacea* VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), **17**(1): 62 (*Drosophila*). Type-locality: not given (Württemberg).—Distr.: Europe: A, CH, CS, D, DK, E, F, GB, H, I, N, NL, R, S, SF, TR, YU; USSR: NET, CET (Rs), SET (Uk); Asia: Iran, Mongolia, N. Korea, S. Korea, Japan; India, N. America.
- nigrithorax* STROBL, 1894: Mitt. naturw. Ver. Steierm., **30**(1893): 132 (*Drosophila*, as var. of *fenestrarum* FALLÉN). Type-localities: Admont and Seitenstetten (Austria).
- setosa* VILLENEUVE, 1921: Annls Soc. ent. Belg., **61**: 160 (*Drosophila*). Type-locality: Rambouillet (France).
- transversa* FALLÉN, 1823: Geomyzides Sveciae: 6 (*Drosophila*). Type-locality: Scania (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, H, I, IRE, N, NL, PL, R, S, SF, TR, YU; USSR: CET (Rs), SET; Asia: Mongolia; N. America.
- laeta* ZETTERSTEDT, 1847: Dipt. Scand., **6**: 2555 (*Drosophila* as var. of *transversa*). Type-localities: Paradislyckan, Lund, and Fredensborg, Ostrogothia (Sweden).
- [*tripunctata* LOEW, 1862.—Not Palaearctic.]
- tsigana* BURLA et GLOOR, 1952: Z. indukt. Abstamm.-u. VererbLehre, **84**: 164 (*Drosophila*). Type-locality: Oloron, Basses Pyrénées (France).—Distr.: Europe: F, P.
- unispina* OKADA, 1956: Syst. Study Drosophilidae Japan: 129 (*Drosophila*). Type-locality: Daisetsuzan, Hokkaido (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.
- virilis* STURTEVANT, 1916: Ann. ent. Soc. Am., **9**: 330 (*Drosophila*). Type-locality: New York, N.Y. (USA).—Distr.: Europe: E, NL, TR; USSR: TC (Ge),

FE; Asia: N. Korea, S. Korea, China, Japan; Madeira, Canary Is.; N. America, S. America.

Subgenus HIRTODROSOPHILA DUDA, 1923

DUDA, 1923: *Annls hist.-nat. Mus. natn. hung.*, **20**: 41.

Type-species: *Drosophila latifrontata* FROTA-PESSOA, 1945: *Revta bras. Biol.*, **5**: 480 (des. FROTA-PESSOA, 1945: l.c.: 471).

alboralis MOMMA et TAKADA, 1954: *Annotnes zool. jap.*, **27**: 98 (*Drosophila*).

Type-locality: Mt. Taisetsu, Hokkaido (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.

asozana OKADA, 1956: *Syst. Study Drosophilidae Japan*: 87 (*Drosophila*). Type-locality: Aso, Kumamoto Pref. (Japan).—Distr.: Asia: Japan.

confusa STAEGER, 1844: *Naturhist. Tidsskr.*, **1**: 18 (*Drosophila*). Type-locality: not given ("Denmark").—Distr.: Europe: A, CH, CS, D, ?DDR, DK, E, F, GB, H, ?I, NL, R, S, YU; ?USSR: CET (Rs); Asia: N. Korea, S. Korea, Japan.

vibrissina DUDA, 1924: *Arch. Naturgesch.*, **90A**(3): 219 (*Drosophila*). Type-locality: Europa.

grischuna BURLA, 1951: *Arch. Julius Klaus-Stift. Vererb-Forsch.*, **25** (1950): 620 (*Drosophila*). Type-locality: Braunwald (Switzerland).

histrioides OKADA et KUROKAWA, 1957: *Kontyû*, **25**: 4 (*Drosophila*). Type-locality: Asakawa, Tokyo (Japan).

denticeps OKADA and SASAKAWA, 1956: *Akitu*, **5**: 26 (*Drosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: Japan.

elliptosa OKADA, 1974: *Kontyû*, **42**: 282 (*Drosophila*, new name for *elliptica* OKADA, 1973).—Distr.: Asia: Japan.

elliptica OKADA, 1973: *Kontyû*, **41**: 437 (*Drosophila*). Type-locality: Rinsaiji, Shizuoka (Japan) (preocc. by STURTEVANT, 1942).

fascipennis OKADA, 1967: *Mushi*, **41**: 8 (*Drosophila*). Type-locality: Kôfu, Yamanashi Pref. (Japan).—Distr.: Asia: Japan; Taiwan.

hiharai OKADA, 1967: *Mushi*, **41**: 6 (*Drosophila*). Type-locality: Kumotoriyama, Tokyo (Japan).—Distr.: Asia: Japan.

kangi OKADA et LEE, 1961: *Akitu*, **10**: 20 (*Drosophila*). Type-locality: Mt. Sori, Kyungi Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan.

kirishimana OKADA, 1967: *Mushi*, **41**: 4 (*Drosophila*). Type-locality: Kirishima-jingu, Kagoshima Pref. (Japan).—Distr.: Asia: Japan.

kurokawai OKADA, 1971: *Bull. biogeogr. Soc. Japan*, **26**: 29 (*Drosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: Japan.

latifrontata FROTA-PESSOA, 1945: *Revta bras. Biol.*, **5**: 480 (*Drosophila*, as new name for *Hirtodrosophila carinata* DUDA, 1923 (preocc. by GRIMSHAW, 1901), and *Drosophila latifrons* DUDA, 1926) (preocc. by ADAMS, 1905).—Distr.: Asia: Japan; S. Asia.

- yakuensis* OKADA, 1967: Mushi, **41**: 24 (*Drosophila*, as subsp. of *latifrontata* FROTA-PESOA). Type-locality: Kosugidani, Yakushima (Japan).
- latinokogiri** OKADA, 1968: Kontyû, **36**: 332 (*Drosophila*). Type-locality: Kirishima-onsen, Kagoshima Pref. (Japan).—Distr.: Asia: Japan.
- lundstroemi** DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 72 (*Drosophila*). Type-locality: Tuovilanlaks [= Tuovilanlahti] (Finland).—Distr.: Europe: A, H, R, SF; USSR: CET (Rs).
- macromaculata** KANG et LEE, 1961: Korean J. Zool., **4**: 30 (*Drosophila*). Type-locality: Kwang-nung, Kyung-gi Do (S. Korea).—Distr.: Asia: S. Korea.
- mediohispidata** OKADA, 1967: Mushi, **41**: 14 (*Drosophila*). Type-locality: Kosugidani, Yakushima (Japan).—Distr.: Asia: Japan.
- nigripennis** KANG, LEE et BAHNG, 1965: Korean J. Zool., **8**: 52 (*Drosophila*). Type-locality: Mt. Sori, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea.
- nokogiri** OKADA, 1956: Syst. Study Drosophilidae Japan: 84 (*Drosophila*). Type-locality: Akkeshi, Hokkaido (Japan).—Distr.: Asia: S. Korea, Japan.
- nudinokogiri** OKADA, 1967: Mushi, **41**: 17 (*Drosophila*). Type-locality: Komi, Iriomote, Okinawa (Japan).—Distr.: Asia: Japan; Ryukyu Is.
- okadomei** OKADA, 1967: Mushi, **41**: 15 (*Drosophila*). Type-locality: Yakushima (Japan).—Distr.: Asia: Japan.
- oldenbergi** DUDA, 1924: Arch. Naturgesch., **90A**(3): 204 (*Drosophila*). Type-locality: Mehadia (Roumania).—Distr.: Europe: A, CH, R; USSR: CET (Rs).
- omogoensis** OKADA, 1956: Syst. Study Drosophilidae Japan: 82 (*Drosophila*). Type-locality: Omogô, Ehime Pref. (Japan).—Distr.: Asia: Japan.
- pseudonokogiri** KANG, LEE and BAHNG, 1965: Korean J. Zool., **8**: 53 (*Drosophila*). Type-locality: Mt. Sori, Kyungi Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan.
- quadrivittata** OKADA, 1956: Syst. Study Drosophilidae Japan: 83 (*Drosophila*). Type-locality: Omogô, Ehime Pref. (Japan).—Distr.: Asia: S. Korea, Japan.
- sexvittata** OKADA, 1956: Syst. Study Drosophilidae Japan: 78 (*Drosophila*). Type-locality: Abashiri, Hokkaido (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan.
- triangulata* OKADA, 1967: Mushi, **41**: 13 (*Drosophila*, as forma of *sexvittata*, spelled *triangularata* on page 12). Type-localities: Sapporo and Kumotoriyama (Japan).
- subarctica** HACKMAN, 1969: Notul. ent., **49**: 69 (*Drosophila*). Type-locality: Kuusamo, Oulanka Biological Station (Finland).—Distr.: Europe: N, S, SF.
- [**trifasciata** DE MEIJERE, 1916.—Not Palearctic.]
- trilineata** CHUNG, 1960: Korean J. Zool., **3**: 42 (*Drosophila*). Type-locality: Dagelet Is. (S. Korea).—Distr.: Asia: S. Korea.

- trivittata** STROBL, 1893: Wien. ent. Ztg, **12**: 282 (*Drosophila*). Type-locality: Admont, Styria (Austria).—Distr.: Europe: A, CS, H, R, S, YU; USSR: CET (Rs), FE; Asia: S. Korea, Japan; S. Asia.
- ussurica* DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 98 (*Drosophila*, as var. of *trivittata*). Type-locality: Ussuri-Geb., Südostsibirien (USSR).
- yakushimana** OKADA, 1967: Mushi, **41**: 11 (*Drosophila*). Type-locality: Kosugidani, Yakushima (Japan).—Distr.: Asia: Japan.

Subgenus LORDIPHOSA BASDEN, 1961

BASDEN, 1961: Beitr., Ent., **11**: 186.

Type-species: *Drosophila fenestrarum* FALLÉN, 1823: Geomyzides Sveciae: 6 (orig. des.).

- acuminata** COLLIN, 1952: Entomologist's mon. Mag., **88**: 199 (*Drosophila*). Type-localities: Torcross, Devon, and Padstow, Cornwall (Great Britain).—Distr.: Europe: CS, IRE, GB, H.
- andalusiaca** STROBL, 1906: Mems R. Soc. esp. Hist. nat., **3**(1905): 372 (*Drosophila*). Type-locality: Algeciras (Spain).—Distr.: Europe: A, B, CH, CS, CY, D, DDR, DK, E, F, GB, GR, H, IRE, NL, P, R, S, YU; Asia: Syria, Israel; North Africa: Morocco; Azores, Madeira, Canary Is.
- forcipata* COLLIN, 1952: Entomologist's mon. Mag., **88**: 198 (*Drosophila*). Type-locality: Studland, Dorset (Great Britain).
- collinella** OKADA, 1968: Kontyû, **36**: 339 (*Drosophila*). Type-locality: Okutsu, Okayama Pref. (Japan).—Distr.: Asia: S. Korea, Japan.
- fenestrarum** FALLÉN, 1823: Geomyzides Sveciae: 6 (*Drosophila*). Type-locality: not given (Sweden).—Distr.: Europe: A, CH, CS, CY, D, DDR, DK, F, GB, H, ?I, IRE, N, NL, P, ?PL, R, S, SF, YU; USSR: NET, CET (Rs); S. Asia.
- virginea* MEIGEN, 1830: Syst. Besch. **6**: 84 (*Drosophila*). Type-locality: Hamburg [D].
- hexasticha** L. PAPP, 1971: Folia ent. hung. (S.N.), **24**: 333 (*Drosophila* (*Lordiphosa*)). Type-locality: Tard, Bába-völgy, rét (Hungary).—Distr.: Europe: H, R; USSR: NET, CET (Rs).
- miki** DUDA, 1924: Arch. Naturgesch., **90A**(3): 213 (*Drosophila*). Type-locality: Wien, Austria inf. (Austria).—Distr.: Europe: A, H.
- mommai** TAKADA et OKADA, 1960: Annotnes zool. jap., **33**: 143 (*Drosophila*). Type-locality: Taisei-mura, Hiyama, Hokkaido (Japan).—Distr.: Asia: Japan.
- nigricolor** STROBL, 1898: Mitt. naturw. Ver. Steierm., **34**: 266 (*Drosophila*). Type-locality: Gesäuse (Austria).—Distr.: Europe: A, D, SF; USSR: CET (Rs).

pappi OKADA, 1974: *Annls hist.-nat. Mus. natn. hung.*, **66**: 271 (*Drosophila*). Type-locality: Prov. Ryang-gang: Chann-Pay plateau, Sam-zi yan, 1600 m (N. Korea).—Distr.: Asia: N. Korea.

Subgenus SCAPTODROSOPHILA DUDA, 1923

DUDA, 1923: *Annls hist.-nat. Mus. natn. hung.*, **20**: 37.

Type-species: *Scaptodrosophila scaptomyzoidea* DUDA, 1923: l.c.: 37 (mon.); not Palaearctic.

angelicae OKADA et NISHIHARU, 1981: *Kontyû*, **49**: 422 (*Drosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: Japan.

coracina KIKKAWA et PENG, 1938: *Jap. J. Zool.*, **7**: 523 (*Drosophila*). Type-localities: Simoda and Kyoto (Japan).—Distr.: Asia: S. Korea, China, Japan; S. Asia.

deflexa DUDA, 1924: *Arch. Naturgesch.*, **90A**(3): 222 (*Drosophila*). Type-locality: Europa.—Distr.: Europe: CH, CS, D, DDR, DK, E, F, GB, H, I, IRE, NL, P, PL, S, SF, ?TR, YU.

guyenoti BURLA, 1948: *Revue suisse Zool.*, **55**: 277 (*Drosophila*). Type-locality: Therwil (Switzerland).

kyushuensis TSACAS et CHASSAGNARD, 1976: *Bull. zool. Mus. Univ. Amsterdam*, **5**: 93 (*Drosophila*). Type-locality: Yakushima, Kagoshima Pref. (Japan).—Distr.: Asia: Japan.

lebanonensis WHEELER, 1949: *Univ. Tex. Publs*, **4920**: 143 (*Drosophila*). Type-locality: Beirut (Lebanon).—Distr.: Europe: E, GR; Asia: Lebanon, Israel; Canary Is; N. America.

pattersoni PIPKIN, 1956: *Proc. ent. Soc. Wash.*, **58**: 251 (*Drosophila*). Type-locality: Beirut (Lebanon).—Distr.: Asia: Lebanon.

puncticeps OKADA, 1956: *Syst. Study Drosophilidae Japan*: 94 (*Drosophila*). Type-locality: Takamizuyama, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.

rufifrons LOEW, 1873: *Berl. ent. Z.*, **17**: 50 (*Drosophila*). Type-locality: not given ("Yugoslavia").—Distr.: Europe: A, CH, CS, D, DDR, E, F, GB, GR, H, I, NL, P, PL, R, S, ?TR, YU; USSR: CET (Rs), SET; Asia: ?Iran; North Africa: ?Morocco.

nitens BUZZATI-TRAVERSO, 1943: *Rc. Ist. lomb. Sci. Lett., Cl. Sci.*, **77**: 38 (*Drosophila*). Type-localities: Treviso and Corteolona and Pavia and Sora and San Polo d'Enza and San Pellegrino (Italy).

stonei PIPKIN, 1956: *Proc. ent. Soc. Wash.*, **58**: 254 (*Drosophila*). Type-localities: Sofar and Ain Anub (Lebanon).—Distr.: Asia: Lebanon.

subtilis KIKKAWA et PENG, 1938: *Jap. J. Zool.*, **7**: 541 (*Drosophila*). Type-localities: Gotenba and Simoda and Kyôto and Kôbe (Japan).—Distr.: Asia: S. Korea, Japan; S. China.

throckmorton OKADA, 1973: *Kontyû*, **41**: 436 (*Drosophila*). Type-locality: Suginami, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.

Subgenus SOPHOPHORA, STURTEVANT, 1939

STURTEVANT, 1939: Proc. natn. Acad. Sci., **25**: 139.

Type-species: *Drosophila melanogaster* MEIGEN, 1830: Syst. Besch., **6**: 85 (orig. des.).

- alpina** BURLA, 1948: Revue suisse Zool., **55**: 274 (*Drosophila*). Type-locality: Fetan (Switzerland).—Distr.: Europe: CH, N, S, SF; Asia: Mongolia, N. Korea, Japan.
- ambigua** POMINI, 1940: Boll. Ist. Ent. Univ. Bologna, **12**: 157 (*Drosophila*). Type-locality: Londra [= London] (Great Britain).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, IRE, F, GB, GR, H, I, NL, P, S, SF, TR, YU; Asia: Iran; North Africa: Morocco, Tunisia; Canary Is.
- ananassae** DOLESCHALL, 1858: Natuurk. Tijdschr. Ned.-Indië, **17**: 128 (*Drosophila*). Type-locality: Amboina (Indonesia).—Distr.: Europe: E, GB; Asia: China, Japan; Madeira, Canary Is.; Pantropical.
- auraria** PENG, 1937: Annotnes zool. jap., **16**: 23 (*Drosophila*). Type-localities: Nanchang and Sanhu and Ningpo (China).—Distr.: Asia: N. Korea, S. Korea, China, Japan; India.
- biauraria** BOCK et WHEELER, 1972: Univ. Tex. Publs, 7213: 53 (*Drosophila*). Type-locality: Ka-ari (South Korea).—Distr.: Asia: S. Korea, Japan.
- bifasciata** POMINI, 1940: Boll. Ist. Ent. Univ. Bologna, **12**: 157, 163 (*Drosophila*). Type-locality: Boschetti lungo il Piave, Belluno (Italy).—Distr.: Europe: A, CH, CS, D, E, F, H, I, N, NL, P, S, SF, YU; USSR: NET, CET (Rs), SET, KZ, SMA; Asia: N. Korea, S. Korea, Japan; India.
- bilineata** POMINI, 1940: Boll. Ist. Ent. Univ. Bologna, **12**: 155 (*Drosophila*) (preocc. by WILLISTON, 1896).
- clarofinis** LEE, 1959: Korean J. Zool., **2**: 43 (*Drosophila*). Type-locality: Kongju (S. Korea).—Distr.: Asia: N. Korea, S. Korea, Japan.
- eniwae** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 119 (*Drosophila*). Type-locality: Koryu Kozan, near Eniwa, Hokkaido (Japan).—Distr.: Asia: Japan.
- eskoï** LAKOVAARA et LANKINEN, 1974: Notul. ent., **54**: 121 (*Drosophila*). Type-locality: Oulu Pikisaari (Finland).—Distr.: Europe: N, S, SF.
- fusciphila** KIKKAWA et PENG, 1938: Jap. J. Zool., **7**: 531 (*Drosophila*). Type-localities: Kôhu and Kyôto and Katuura (Japan).—Distr.: Asia: S. Korea, Japan; S. Asia, Australia.
- guanche** MONCLÚS, 1976: Boln R. Soc. esp. Hist. nat., Biol., **74**: 205 (*Drosophila*). Type-locality: Las Mercedes, Tenerife (Canary Is.).—Distr.: Canary Is.
- helvetica** BURLA, 1948: Revue suisse Zool., **55**: 276 (*Drosophila*). Type-locality: Vitznau (Switzerland).—Distr.: Europe: A, CH, CS, D, E, F, GB, I, IRE, NL, TR, YU; Asia: Iran, S. Korea, Japan; India.
- imaii** MORIWAKI et OKADA in MORIWAKI, KITAGAWA and OKADA, 1967: Evolution, **21**: 114 (*Drosophila*). Type-locality: Nishitappu, Hokkaido (Japan).—Distr.: Asia: Japan.

- kikkawai** BURLA, 1954: *Revta bras. Biol.*, **14**: 47 (*Drosophila*). Type-locality: Rio de Janeiro (Brazil) (by neotype des.).—Distr.: Asia: S. Korea, China, Japan; Pantropical.
- lutescens** OKADA, 1975: *Kontyû*, **43**: 241 (*Drosophila*, as new name for *luteola* OKADA).—Distr.: Asia: S. Korea, Japan.
- lutea* KIKKAWA et PENG, 1938: *Jap. J. Zool.*, **7**: 533 (*Drosophila*). Type-localities: Innai and Sendai and Sado and Niigate and Kanazawa and Nagano and Kamisuwa and Kôhu and Gotenba and Sizuoka and Simoda and Yaizu and Gihu and Ayabe and Kyôto and Asiya and Kôbe and Oki and Matuyama and Kôti and Ôita and Miyazaki (Japan). (preocc. by WIEDEMANN, 1830).
- luteola* OKADA, 1974: *Kontyû*, **42**: 282 (*Drosophila*, as new name for *lutea* KIKKAWA et PENG) (preocc. by HARDY, 1965).
- magnipunctinata** OKADA, 1956: *Syst. Study Drosophilidae Japan*: 113 (*Drosophila*). Type-locality: Sapporo, Hokkaido (Japan).—Distr.: Asia: S. Korea, Japan.
- melanogaster** MEIGEN, 1830: *Syst. Besch.*, **6**: 85 (*Drosophila*). Type-localities: Kiel and Hamburg [D]. and Oesterreich (Austria).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (Uk, Rs), SET (Rs, Uk, Mo), TC (Ge, Az, Arm), KZ, SMA (Uz, Tj, Ki, Tu), FE; Asia: Lebanon, Israel, Iran, Afghanistan, Mongolia, N. Korea, S. Korea, China, Japan; North Africa: Morocco, Algeria, Tunisia, Libya, Egypt; Azores, Madeira, Canary Is.; worldwide.
- fasciata* MEIGEN, 1830: *Syst. Besch.*, **6**: 84 (*Drosophila*). Type-locality: Hamburg [D].
- approximata* ZETTERSTEDT, 1847: *Dipt. Scand.*, **6**: 2557 (*Drosophila*). Type-localities: Scania ad Lund and Smolandia (Sweden).
- [*ampelophila* LOEW, 1862: *Berl. ent. Z.*, **6**: 231 (*Drosophila*). Type-locality: Cuba.]
- uvarum* (RONDANI, 1875): *Boll. Comiz. agr. parm.*, **8**: 145 (*Drosophila*). Type-locality: not given (Italy).
- pilosula* BECKER, 1908: *Mitt. zool. Mus. Berl.*, **4**(1): 156 (*Drosophila*). Type-locality: Teneriffe (Canary Is.).
- nipponica** KIKKAWA et PENG, 1938: *Jap. J. Zool.*, **7**: 531 (*Drosophila*). Type-locality: Ayabe (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan; Ryukyu Is.
- obscura** FALLÉN, 1823: *Geomyzides Sveciae*: 6 (*Drosophila*). Type-localities: Lärketorp, Ostrogothia, and Esperöd, Scania, and Westrogothia (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, N, NL, P, ?PL, R, S, SF, TR, YU; USSR: NET, CET (Rs), SET; Asia: Iran.
- meigeni* DUDA, 1935: 58g. *Drosophilidae*, *Fliegen pal. Reg.*, **6**(1): 90 (*Drosophila*, as var. of *obscura* FALLÉN). Type-locality: not given.

- obscurioides* POMINI, 1940: Boll. Ist. Ent. Univ. Bologna, **12**: 149 (*Drosophila*). Type-locality: Berlin-Buch [DDR].
- oshimai* CHOO et NAKAMURA, 1973: Kontyû, **41**: 305 (*Drosophila*). Type-locality: Mishima, Tamazawa Temple (Japan).—Distr.: Asia: Japan.
- pulchrella* TAN, HSU et SHENG, 1949: Univ. Tex. Publs, 4920: 198 (*Drosophila*). Type-locality: Meitan (China).—Distr.: Asia: Japan; S. Asia.
- rufa* KIKKAWA et PENG, 1938: Jap. J. Zool., **7**: 529 (*Drosophila*). Type-localities: Kôhu and Kyôto and Asiya and Oita (Japan).—Distr.: Asia: S. Korea, China, Japan; S. Asia.
- simulans* STURTEVANT, 1919: Psyche (Boston), **26**: 153 (*Drosophila*). Type-locality: Lakeland, Florida (USA).—Distr.: Europe: A, CH, CS, DDR, DK, E, F, GB, GR, H, I, NL, P, SF, TR, YU; Asia: Lebanon, Israel, S. Korea, Japan; North Africa: Morocco, Tunisia, Egypt; Azores, Madeira, Canary Is; worldwide.
- subobscura* COLLIN in GORDON, 1936: J. Genet., **33**: 60 (*Drosophila*). Type-locality: not given ("Great Britain").—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, N, NL, P, S, SF, TR, YU; USSR: CET (Rs), SET (Rs), TC (Ge, Az); Asia: Lebanon; Syria, Israel, Iran; North Africa: Morocco, Tunisia, Egypt; Azores, Madeira, Canary Is.; S. America.
- subsilvestris* HARDY et KANESHIRO, 1968: Univ. Tex. Publs, 6818: 261 (*Drosophila*, as new name for *silvestris* BASDEN).—Distr.: Europe: A, CH, CS, D, DK, F, GB, IRE, N, NL, S, SF, YU; USSR: NET, CET (Rs).
- silvestris* BASDEN, 1954: Trans. R. Soc. Edinb., **62**: 630 (*Drosophila*). Type-locality: Lugton Bogs, Dalkeith, Midlothian, Scotland (Great Britain). (preocc. by PERKINS, 1910).
- suzukii* (MATSUMURA, 1931): Illustr. Ins. jap. Emp: 367 (*Leucophenga*). Type-localities: Kyoto and Aomori (Japan).—Distr.: Asia: S. Korea, China, Japan; S. Asia; Pacific Is.
- takahashii* STURTEVANT, 1927: Philipp. J. Sci., **32**: 371 (*Drosophila*). Type-locality: Taihoku [= Taipei], Formosa (Taiwan).—Distr.: Asia: S. Korea, China, Japan; S. Asia; Pacific Is.
- triauxaria* BOCK et WHEELER, 1972: Univ. Tex. Publs, 7213: 54 (*Drosophila*). Type-locality: Tokyo (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan; Ryukyu Is.
- tristis* FALLÉN, 1823: Geomyzides Sveciae: 7 (*Drosophila*). Type-locality: Esperöd (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, H, I, IRE, NL, P, PL, R, S, TR, YU; USSR: SET (Rs); Asia: Iran.
- spurca* ZETTERSTEDT, 1847: Dipt. Scand., **6**: 2550 (*Drosophila*). Type-locality: Dania (Denmark).
- tinctipennis* STROBL, 1901: Jber. naturh. Landesmus. Kärnten, **26**(1900): 240 (*Drosophila*, as var. of *obscura* FALLÉN). Type-locality: Schlesien (Poland) (by lectotype des.).
- unipectinata* DUDA, 1924: Arch. Naturgesch., **90A**(3): 215 (*Drosophila*). Type-locality: Formosa (Taiwan).—Distr.: Asia: S. Korea, Japan; S. Asia.

Subgenus SPINODROSOPHILA DUDA, 1924

DUDA, 1924: Arch. Naturgesch., **90A**(3): 202.

Type-species: *Drosophila nigrosparsa* STROBL, 1898: Mitt. naturw. Ver. Steierm. **34**: 267 (mon.).

Acanthopterna DUDA, 1925: Annls hist.-nat. Mus. natn. hung., **22**: 200, new name for *Spinodrosophila* DUDA, 1924). Type-species: *Drosophila nigrosparsa* STROBL, 1898 (aut.).

nigrosparsa STROBL, 1898: Mitt. naturw. Ver. Steierm., **34**: 267 (*Drosophila*). Type-locality: Scheibleggerhochalpe, Styria alp. (Austria) (by lectotype des.).—Distr.: Europe: A, CH, CS, D, DDR, E, F, I, PL.

Ungrouped *Drosophila* species

brevicornis DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 76 (*Drosophila*). Type-locality: Jakovlevka, Ussuri Geb., Ost-Sibirien (USSR).—Distr.: USSR: FE.

calidata TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., **14**: 126 (*Drosophila*). Type-locality: Jozankei, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.

cameraria HALIDAY, 1833: Ent. Mag., **1**: 174 (*Drosophila*). Type-locality: Holywood, Downshire, Ulster (Ireland).—Distr.: Europe: A, AL, BG, CH, CS, D, E, F, GB, GR, H, I, IRE, NL, P, PL, R, S, SF, TR, YU; USSR: CET (Rs); Asia: Iran; Azores, Madeira, Canary Is.

unistriata STROBL, 1898: Glasn. zemlj. Mus. Bosni Herceg., **10**: 580 (*Drosophila*). Type-locality: Dubrovnik (Yugoslavia).

latestriata BECKER, 1908: Mitt. zool. Mus. Berl. **4**: 157 (*Drosophila*, as *late-striata*). Type-locality: Teneriffe (Canary Is.).

fungicola VILLENEUVE, 1921: Annls Soc. ent. Belg., **61**: 160 (*Drosophila*). Type-localities: Vichy and Grenoble and Royan and Nîmes (France).

cilitarsis HERING, 1940: Arb. morph. taxon. Ent. Berl., **7**: 293 (*Drosophila*). Type-locality: Gaolinszy, Mandschurei (China).—Distr.: Asia: China.

ingrica HACKMAN, 1957: Notul. ent., **37**: 17 (*Drosophila*). Type-locality: Luga: Tolmatschevo, NW Russland (USSR).—Distr.: Europe: SF; USSR: CET (Rs).

scaptomyzoptera DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 95 (*Drosophila*). Type-locality: Altaj, Westsibirien (USSR).—Distr.: USSR: WS.

schmidt DUDA, 1924: Arch. Naturgesch., **90A**(3): 213 (*Drosophila*). Type-locality: Ungarn (Hungary).—Distr.: Europe: H.

stackelbergi DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 96 (*Drosophila*). Type-locality: Ussuri-Geb., Südostsibirien (USSR).—Distr.: USSR: FE.

unimaculata STROBL, 1893: Wien. ent. Ztg, **12**: 281 (*Drosophila*). Type-locality: Seitenstetten (Austria) (by lectotype des.).—Distr.: Europe: A, CH, CS, D, GB, H, PL, R, YU.

Hypselothyrea DE MEIJERE, 1906

DE MEIJERE, 1906: Annls hist.-nat. Mus. natn. hung., **4**: 193.

Type-species: *Hypselothyrea dimidiata* DE MEIJERE, 1906: l.c.: 194 (des. OKADA, 1956: Syst. Study Drosophilidae Japan: 38); not Palaearctic.

breviscutellata DUDA, 1928: Annls hist.-nat. Mus. natn. hung., **25**: 82 (*Hypselothyrea*). Type-locality: Takao [= Kao-hsiung], Formosa (Taiwan).—Distr.: Asia: Japan; Taiwan.

Liodrosophila DUDA, 1922

DUDA, 1922: Arch. Naturgesch., **88A**(4): 153.

Type-species: *Camilla coeruleifrons* DE MEIJERE, 1911: Tijdschr. Ent., **54**: 421 (des. OKADA, 1956: Syst. Study Drosophilidae Japan: 57); not Palaearctic.

aerea OKADA, 1956: Syst. Study Drosophilidae Japan: 57 (*Liodrosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan; S. Asia.

bicolor OKADA, 1956: Syst. Study Drosophilidae Japan: 59 (*Liodrosophila*). Type-locality: Aoshima, Miyazaki Pref. (Japan).—Distr.: Asia: Japan; Ryukyu Is.

castanea OKADA et CHUNG, 1960: Akitu, **9**: 26 (*Liodrosophila*). Type-locality: Huk-San Is., Chon-Nam Prov. (S. Korea).—Distr.: Asia: S. Korea.

nitida DUDA, 1922: Arch. Naturgesch., **88A**(4): 157 (*Liodrosophila*). Type-localities: Mittel-Annam (Vietnam) and Hokuto [= Pei-tou], Formosa (Taiwan).—Distr.: Asia: Japan; S. Asia.

Microdrosophila MALLOCH, 1921

MALLOCH, 1921: Ent. News, **32**: 312.

Type-species: *Drosophila quadrata* STURTEVANT, 1916: Ann. ent. Soc. Am., **9**: 341 (orig. des.); not Palaearctic.

Incisurifrons DUDA, 1924: see below as subgenus.

Oxystyloptera DUDA, 1924: see below as subgenus.

Subgenus **INCISURIFRONS** DUDA, 1924

DUDA, 1924: Arch. Naturgesch., **90A**(3): 202.

Type-species: *Drosophila congesta* ZETTERSTEDT, 1847: Dipt. Scand. **6**: 2558 (mon.).

- congesta** (ZETTERSTEDT, 1847): Dipt. Scand., 6: 2558 (*Drosophila*). Type-locality: Lärketorp, Ostrogothia (Sweden).—Distr.: Europe: A, CH, PL, S; USSR: CET (Rs); S. Asia.
- fuscata** OKADA, 1960: Kontyû, 28: 220 (*Microdrosophila*). Type-locality: Kakinokizaka, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.
- urashimae** OKADA, 1960: Kontyû, 28: 219 (*Microdrosophila*). Type-locality: Ôkurayama, Kanagawa Pref. (Japan).—Distr.: Asia: S. Korea, Japan; Taiwan.
- zetterstedti** WHEELER, 1959: Univ. Tex. Pubs, 5914: 184, new name for *Drosophila nigriventris* ZETTERSTEDT.—Distr.: Europe: A, N, S, SF; USSR: CET.
- nigriventris* (ZETTERSTEDT, 1847): Dipt. Scand., 6: 2557 (*Drosophila*, preocc. by MACQUART, 1843). Type-locality: Skärnsjö, Smolandia (Sweden).

Subgenus MICRODROSOPHILA MALLOCH, 1921

- cristata** OKADA, 1960: Kontyû, 28: 214 (*Microdrosophila*). Type-locality: Kirigamine (Japan).—Distr.: Asia: S. Korea, Japan; Taiwan.
- [frontata** (DE MEIJERE, 1916) (*Drosophila*).—Not Palearctic.]
- maculata** OKADA, 1960: Kontyû, 28: 217 (*Microdrosophila*). Type-locality: Tsu, Mie Pref. (Japan).—Distr.: Asia: Japan.
- nigripalpis** OKADA, 1966: Bull. Br. Mus. nat. Hist., Ent. Suppl., 6: 41 (*Microdrosophila*). Type-locality: East Nepal; Taplejung District, old mixed forest above Sangu (Nepal).—Distr.: Asia: Japan; Nepal.
- pleurolineata** WHEELER et TAKADA, 1964: Insects of Micronesia, 14: 217 (*Microdrosophila*). Type-locality: Koror, Palau Is. (Micronesia).—Distr.: Asia: Japan; S. Asia, Pacific Is.
- pseudoppleurolineata** OKADA, 1968: Kontyû, 36: 319 (*Microdrosophila*). Type-locality: Kyoto (Japan).—Distr.: Asia: Japan; Ryukyu Is.
- purpurata** OKADA, 1956: Syst. Study Drosophilidae Japan: 40 (*Microdrosophila*). Type-locality: Kikuna, Kanagawa Pref. (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan; India.

Subgenus OXYSTYLOPTERA DUDA, 1924

DUDA, 1924: Arch. Naturgesch., 90A(3): 192.

Type-species: *Drosophila tectifrons* DE MEIJERE, 1914: Tijdschr. Ent., 57: 263 (des. DUDA, 1939: Annls hist.-nat. Mus. natn. hung., 32: 55); not Palearctic.

- latifrons** OKADA, 1965: Kontyû, 33: 332 (*Microdrosophila*). Type-locality: Yona, Okinawa, Ryukyu Is. (Japan).—Distr.: Asia: S. Korea; Ryukyu Is.
- matsudairai** OKADA, 1960: Kontyû, 28: 213 (*Microdrosophila*). Type-locality: Meguro, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is.

Mycodrosophila OLDENBERG, 1914

OLDENBERG, 1914: Arch. Naturgesch., 80A(2): 4.

Type-species: *Amiota poecilogastra* LOEW, 1874: Z. ges. Naturw., 43: 419 (mon.).

- atrithorax** OKADA, 1968: Kontyû, 36: 328 (*Mycodrosophila*). Type-locality: Kumotoriyama, Tokyo (Japan).—Distr.: Asia: Japan.
- basalis** OKADA, 1956: Syst. Study Drosophilidae Japan: 50 (*Mycodrosophila*). Type-locality: Asakawa, Tokyo (Japan).—Distr.: Asia: S. Korea, Japan.
- biceps** KANG, LEE et BAHNG, 1966: Korean J. Zool., 9: 26 (*Mycodrosophila*). Type-locality: Mt. Sori, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan.
- bifibulata** TAKADA, 1968: J. Fac. gener. Educ., Sapporo Univ., 1: 125 (*Mycodrosophila*). Type-locality: Nukabira, Hokkaido (Japan).—Distr.: Asia: Japan.
- erecta** OKADA, 1968: Kontyû, 36: 324 (*Mycodrosophila*). Type-locality: Tsubameonsen, Niigata Pref. (Japan).—Distr.: S. Korea, Japan; Ryukyu Is.
- gratiosa** (DE MEIJERE, 1911): Tijdschr. Ent., 54: 404 (*Drosophila*). Type-localities: Batavia [= Jakarta] and Semarang, Java (Indonesia).—Distr.: Asia; S. Korea, Japan; S. Asia, Africa, Seychelles, Pacific Is.
- splendida** OKADA, 1956: Syst. Study Drosophilidae Japan: 48 (*Mycodrosophila*). Type-locality: Kamakura, Kanagawa Pref. (Japan).
- japonica** OKADA, 1956: Syst. Study Drosophilidae Japan: 44 (*Mycodrosophila*). Type-locality: Tôbetsu, Hokkaido (Japan).—Distr.: Asia: S. Korea, Japan.
- koreana** LEE et TAKADA, 1959: Annotnes zool. jap., 32: 94 (*Mycodrosophila*). Type-locality: Kongju, Chung-nam (S. Korea).—Distr.: Asia: S. Korea, Japan.
- nigropteropleura** KANG, LEE et BAHNG, 1965: Annotnes zool. jap., 38: 99 (*Mycodrosophila*). Type-locality: Mt. Sori, Kwangneung area, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea.
- palmata** OKADA, 1956: Syst. Study Drosophilidae Japan: 54 (*Mycodrosophila*). Type-locality: Kirishimayama (Japan).—Distr.: Asia: S. Korea, Japan.
- planipalpis** KANG, LEE et BAHNG, 1966: Korean J. Zool., 9: 27 (*Mycodrosophila*). Type-locality: Mt. Sori, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan.
- poecilogastra** (LOEW, 1874): Z. ges. Naturw., 43: 419 (*Amiota*). Type-locality: Astrabad (Iran).—Distr.: Europe: A, CS, H, R, YU; USSR: SET; Asia: Iran, S. Korea, Japan.
- johni** (POKORNY, 1896): Mitt. naturw. Ver. Troppau, 2: 63 (*Drosophila*). Type-locality: Slavonia (Yugoslavia).
- setipalpis** OKADA, 1956: Syst. Study Drosophilidae Japan: 53 (*Mycodrosophila*). Type-locality: Kirishima-jingû (Japan).—Distr.: Asia: Japan.

- shikokuana** OKADA, 1956: Syst. Study Drosophilidae Japan: 45 (*Mycodrosophila*).
Type-locality: Omogô, Ehime Pref. (Japan).—Distr.: Asia: S. Korea, Japan.
- takachihonis** OKADA, 1956: Syst. Study Drosophilidae Japan: 47 (*Mycodrosophila*).
Type-locality: Kirishima-jingû (Japan).—Distr.: Asia: S. Korea, Japan; Ryukyu Is.

Nesiodrosophila WHEELER et TAKADA, 1964

- WHEELER et TAKADA, 1964: Insects of Micronesia, 14: 238.
Type-species: *Nesiodrosophila lindae* WHEELER et TAKADA, 1964: l.c.: 238 (orig. des.); not Palearctic.
- delicata** NISHIHARU, 1981: Kontyû, 49: 21 (*Nesiodrosophila*). Type-locality: Kaedakeikoku, Miyazaki (Japan).—Distr.: Asia: Japan.
- flava** NISHIHARU, 1981: Kontyû, 49: 23 (*Nesiodrosophila*). Type-locality: Nagafusamachi, Hachioji, Tokyo (Japan).—Distr.: Asia: Japan.
- magnidentata** (LEE, 1964): Korean J. Zool., 7: 107 (*Drosophila*). Type-locality: Mt. Jukyeop, Kyungki Prov. (S. Korea).—Distr.: Asia: S. Korea.
- okadai** NISHIHARU, 1981: Kontyû, 49: 19 (*Nesiodrosophila*). Type-locality: Nagafusamachi, Hachioji, Tokyo (Japan).—Distr.: Asia: Japan.
- quelpartiensis** (KANG, LEE et BAHNG, 1967): Korean J. Zool., 10: 71 (*Drosophila*). Type-locality: Mt. Halna, Quelpart Is. (S. Korea).—Distr.: Asia: S. Korea.
- raridentata** (OKADA et CHUNG, 1960): Akitu, 9: 28 (*Drosophila*). Type-locality: Mt. Sul-Ak, Kang-Won Prov. (S. Korea).—Distr.: Asia: S. Korea, Japan; Nepal.
- sufflava** TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 117 (*Nesiodrosophila*). Type-locality: Tomakomai, Hokkaido (Japan).—Distr.: Asia: Japan.
- surukella** (OKADA, 1965): Kontyû, 33: 344 (*Drosophila*). Type-locality: Ishigaki, Omotodake, Ryukyu Is. (Japan).—Distr.: Asia: Japan; Ryukyu Is.
- clypeonigra** (OKADA, 1968): Kontyû, 36: 331 (*Drosophila*). Type-locality: Kirishima-jingu, Kagoshima Pref. (Japan).

Paramycodrosophila DUDA, 1924

- DUDA, 1924: Arch. Naturgesch., 90A(3): 191.
Type-species: *Drosophila pictula* DE MEIJERE, 1911: Tijdschr. Ent., 54: 412 (mon.); not Palearctic.
- nakamurai** OKADA, 1973: Kontyû, 41: 434 (*Paramycodrosophila*). Type-locality: Rinsaiji, Shizuoka (Japan).—Distr.: Asia: Japan.

Scaptomyza HARDY, 1849

HARDY, 1849: Proc. Berwicksh. Nat. Club, **2**: 361.

Type-species: *Drosophila graminum* FALLÉN, 1823: Geomyzides Sveciae: 8 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 603).

Scaptomyzella HENDEL, 1928: Zool. Anz., **76**: 290 (as *Scaptomyzetta*, lapsus).

Type-species: *Drosophila flava* FALLÉN, 1823: Geomyzides Sveciae: 7 (orig. des.).

Parascaptomyza DUDA, 1924: see below as subgenus.

Hemiscaptomyza HACKMAN, 1959: see below as subgenus.

Subgenus HEMISCAPTOMYZA HACKMAN, 1959

HACKMAN, 1959: Acta zool. fenn., **97**: 19.

Type-species: *Geomyza unipunctum* ZETTERSTEDT, 1847: Dipt. Scand., **6**: 2533 (orig. des.).

carinata OKADA, 1973: Annls hist.-nat. Mus. natn. hung., **65**: 274 (*Scaptomyza*).

Type-locality: Central aimak, Tosgoni ovoo, 6–10 km N von Ulan-Baator, 1700 m (Mongolia).—Distr.: Asia: Mongolia.

okadai HACKMAN, 1959: Acta zool. fenn., **97**: 58 (*Scaptomyza*). Type-locality:

Kamtchatka: Bolscherjetsk (USSR).—Distr.: USSR: FE; Asia: Japan.

[**terminalis** LOEW, 1863 (*Drosophila*). — Not Palaearctic.]

trochanterata COLLIN, 1953: Entomologist, **86**: 150 (*Scaptomyza*). Type-locality:

Kinrara nr Aviemore, Inverness (Great Britain).—Distr.: Europe: GB, SF; N. America.

unipunctum (ZETTERSTEDT, 1847): Dipt. Scand., **6**: 2533 (*Geomyza*). Type-localities:

In Dalecarliae alpbibus and Arbrå, Helsingia (Sweden).—Distr.: Europe: S, SF; USSR: CET (Rs), KZ, SMA (Tj), ES; Asia: Mongolia; N. America.

boharensis HACKMAN, 1959: Acta zool. fenn., **97**: 58 (*Scaptomyza*, as subsp.

of *unipunctum*). Type-locality: Tadjikistan: Stalinabad (USSR).

Subgenus PARASCAPTOMYZA DUDA, 1924

DUDA, 1924: Arch. Naturgesch., **90A**(3): 203.

Type-species: *Drosophila disticha* DUDA, 1921: Jh. Ver. schles. Insektenk. Breslau, **13**: 64 (des. DUDA, 1934: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 58 [= *pallida* (ZETTERSTEDT, 1847)]).

elmoi TAKADA, 1970: Annotnes zool. jap., **43**: 144 (*Scaptomyza*). Type-locality:

Chito (Taiwan).—Distr.: Asia: Japan; Taiwan, Hawaii.

impunctata (FREY, 1945): Commentat. biol., **8**(10): 70 (*Scaptomyzella*, as var. of

Scaptomyzella adusta LOEW). Type-locality: Azores.—Distr.: Azores.

clavigera (FREY, 1954): Results Norw. scient. Exped. Tristan da Cunha, **26**: 17

(*Parascaptomyza*, as new name for *Scaptomyza gracilis* WALKER, sensu BECKER, 1908).

pallida (ZETTERSTEDT, 1847): Dipt. Scand., 6: 2571 (*Drosophila*). Type-locality: Esperöd, Scania (Sweden).—Distr.: Europe: A, B, CH, CS, D, DDR, DK, E, F, GB, GR, H, I, IRE, IS, N, NL, P, PL, R, S, SF, TR, YU; USSR: NET, CET (Rs, Uk), SET (Uk), SMA, WS; Asia: Israel, Afghanistan, Mongolia, N. Korea, S. Korea, Japan; North Africa: Tunisia; Azores, Madeira, Canary Is.; worldwide.

disticha (DUDA, 1921): Jh. Ver. schles. Insektenk. Breslau, 13: 64 (*Drosophila*).

Type locality: not given.

[**substrigata** (DE MEIJERE, 1914) (*Drosophila*). — Not Palaearctic.]

Subgenus SCAPTOMYZA HARDY, 1849

acuta NISHIHARU, 1979: Kontyû, 47: 41 (*Scaptomyza*). Type-locality: Nagafusamachi, Hachioji, Tokyo (Japan).—Distr.: Asia: Japan.

amplialata TAKADA, BEPPU et TODA, 1979: J. Fac. gener. Educ., Sapporo Univ., 14: 115 (*Scaptomyza*). Type-locality: Misumai, nr Sapporo, Hokkaido (Japan).—Distr.: Asia: Japan.

atlantica HACKMAN, 1955: Notul. ent., 35: 89 (*Scaptomyza*). Type-locality: Teneriffe: Agua Garcia (Canary Is.).—Distr.: Azores, Canary Is.

choi KANG, LEE et BAHNG, 1965: Korean J. Zool., 8: 51 (*Scaptomyza*). Type-locality: Mt. Halna, Quelpart Is. (S. Korea).—Distr.: Asia: S. Korea.

clavata OKADA, 1973: Kontyû, 41: 435 (*Scaptomyza*). Type-locality: Mt. Fuji, 2100 m (Japan).—Distr.: Asia: Japan.

consimilis HACKMAN, 1955: Notul. ent., 35: 82 (*Scaptomyza*). Type-locality: Tvärminne, N (Finland).—Distr.: Europe: SF; USSR: NET, CET (Rs), FE; Asia: Japan.

monticola OKADA, 1956: Syst. Study Drosophilidae Japan: 71 (*Scaptomyza*). Type-locality: Sôunkyo, Hokkaido (Japan).

flava (FALLÉN, 1823): Geomyzides Sveciae: 7 (*Drosophila*). Type-locality: Esperöd (Sweden).—Distr.: Europe: A, AL, BG, CH, CS, D, DDR, DK, E, F, GB, H, I, IRE, N, NL, PL, R, S, SF, YU; USSR: NET, CET (Rs), SET (Uk), WS; Asia: Afghanistan, Mongolia; Azores, Madeira, Canary Is.; holarctic.

flaveola (MEIGEN, 1830): Syst. Besch., 6: 66 (*Notiphila*). Type-locality: not given ("Europe").

apicalis HARDY, 1849: Proc. Berwicksh. Nat. Club, 2: 362 (*Scaptomyza*). Type-locality: not given ("England").

[*montana* WHEELER, 1949: Univ. Tex. Publs, 4921: 166 (*Scaptomyza*). Type-locality: Dutch Creek, Glacier National Park, Montana (USA).]

grahami HACKMAN, 1959: Acta zool. fenn., 97: 64 (*Scaptomyza*). Type-locality: Szechwan: Beh Luh Din, 30 miles N of Chengtu (China).—Distr.: Asia: China.

- graminum** (FALLÉN, 1823): *Geomyzides Sveciae*: 8 (*Drosophila*). Type-locality: Scania (Sweden).—Distr.: Europe: A, CH, CS, D, DDR, DK, E, F, GB, H, I, IS, N, NL, P, PL, R, S, SF, YU; USSR: CET (Rs), SET (Uk), SMA, FE; Asia: Lebanon, Iran, Afghanistan, S. Korea, Japan; North Africa: Tunisia, Libya; Azores, Madeira, Canary Is.; holarctic.
- incana** (MEIGEN, 1830): Syst. Besch., 6: 86 (*Drosophila*). Type-locality: not given (Europe).
- rufipes** (MEIGEN, 1830): Syst. Besch., 6: 87 (*Drosophila*). Type-locality: not given (Europe).
- amoena** (MEIGEN, 1838): Syst. Besch., 7: 374 (*Hydrellia*). Type-locality: Baiern [D].
- flavipennis** (ZETTERSTEDT, 1838): Insecta Lapp.: 777 (*Drosophila*). Type-locality: Wilhelmina in Lapponia Umensi (Sweden).
- sordida** (ZETTERSTEDT, 1838): Insecta Lapp.: 777 (*Drosophila*). Type-localities: Wilhelmina and Alpe Dowre (Sweden).
- tetrasticha** BECKER, 1908: Mitt. zool. Mus. Berl., 4: 158 (*Scaptomyza*). Type-localities: Teneriffe (Canary Is.) and Schlesien (Poland).
- semiatricornis** (DUDA, 1935): 58. g. Drosophilidae, Fliegen pal. Reg., 6(1): 69 (*Drosophila*, as var. of *graminum*). Type-locality: Jakoslevka, Spassk distr., Ussuri-Geb., Ost-Sibirien (USSR).
- norica** HACKMAN, 1955: Notul. ent., 35: 86 (*Scaptomyza*). Type-locality: Hohe Tauern: Nassfeld, Alp. noric. (Austria).
- griseola** (ZETTERSTEDT, 1847): Dipt. Scand., 6: 2562 (*Drosophila*). Type-locality: In alpinus Dalecarlicis (Sweden).—Distr.: Europe: ?A, CS, ?D, ?DDR, ?E, GB, H, R, S, SF, ?YU; USSR: NET, CET (Rs).
- grisecens** (DUDA, 1921): Jh. Ver. schles. Insektenk. Breslau, 13: 67 (*Drosophila*, as var. of *Scaptomyza tetrasticha* BECKER, 1908). Type-locality: not given.
- grisescens** (DUDA, 1924): Arch. Naturgesch., 90A(3): 211 (*Drosophila*, as var. of *apicalis* HARDY, 1849, emend. of *Drosophila grisecens* DUDA, 1921).
- polygonia** OKADA, 1956: Syst. Study Drosophilidae Japan: 74 (*Scaptomyza*). Type-locality: Kogesawa, Tokyo (Japan).—Distr.: Asia: N. Korea, S. Korea, Japan; Ryukyu Is.
- subsplendens** (DUDA, 1935): 58. g. Drosophilidae, Fliegen pal. Reg., 6(1): 70 (*Drosophila*). Type-locality: Jakovlevka, Spassk Distr. (USSR).—Distr.: USSR: FE.
- teinoptera** HACKMAN, 1955: Notul. ent., 35: 82 (*Scaptomyza*). Type-locality: Messuby, Ta (Finland).—Distr.: Europe: SF; USSR: NET, CET (Rs); N. America.

Zaprionus COQUILLETT, 1901

COQUILLETT, 1901: Proc. U.S. natn. Mus., **24**: 31.

Type-species: *Zaprionus vittiger* COQUILLETT, 1901: l.c.: 32 (orig. des.).

vittiger COQUILLETT, 1901: Proc. U.S. natn. Mus., **24**: 32. Type-locality: Cape Colony (S. Africa).—Distr.: ?Canary Is.; Africa.

Doubtful species

- aceti* KOLLAR in HEEGER, 1851: Sber. Akad. Wiss. Wien, Kl. math.-naturw., **7**: 205 (*Drosophila*). Type-locality: not given. Considered syn. of *Drosophila funebris* FABRICIUS, 1787.
- analis* MACQUART, 1843: Mém. Soc. Sci. Agric. Lille, **1842**: 415 (*Drosophila*). Type-locality: Alger (Algeria). Considered syn. of *Drosophila melanogaster* MEIGEN, 1830.
- cellaris* LINNAEUS, 1758: Syst. Nat. Ed. 10., **1**: 597 (*Musca*). Type-locality: not given (Sweden). Considered syn. of *Drosophila funebris* FABRICIUS, 1787.
- cellaris* OKEN, 1815: Lehrb. Naturgesch., **3**: 518 (*Mosillus*). Type-locality: not given. Considered syn. of *Drosophila funebris* FABRICIUS, 1787.
- cellarum* ROBINEAU-DESVOIDY, 1830: Essai Myod.: 804 (*Bacchis*). Type-locality: not given (France). Considered sp. inc. by DUDA, 1935: 58g. Drosophilidae, Fliegen pal. Reg., **6**(1): 85.
- chopardi* SÉGUY, 1936: Annls Soc. ent. Fr., **105**: 20 (*Scaptomyza*). Type-locality: San Miguel: Furnas (Azores). Considered syn. of *Scaptomyza impunctata* FREY, 1945, by HACKMAN, 1959: Acta zool. fenn., **97**: 42.
- cinerella* FALLÉN, 1823: Geomyzides Sveciae: **7** (*Drosophila*). Type-locality: Esperöd (Sweden). Considered *Scaptomyza* sp. by BASDEN in WHEELER, 1959: Univ. Tex. Publs, 5914: 189.
- claripennis* MACQUART, 1835: Hist. nat. Ins., Dipt., **2**: 554 (*Diastata*). Type-locality: Nord de la France (France). Considered syn. of *Scaptomyza pallida* ZETTERSTEDT, 1847, by HACKMAN, 1959: Acta zool. fenn., **97**: 41.
- erythrophthalma* PANZER, [1794]: Faunae Insect. germ., **17**: 24 (*Musca*). Type-locality: Braunschweig [D]. Considered syn. of *Drosophila funebris* FABRICIUS, 1787.
- flavipes* MEIGEN, 1830: Syst. Besch., **6**: 108 (*Opomyza*). Type-locality: not given ("Europe"). Considered *Drosophila* sp.
- gracilis* WALKER, 1853: Ins. Brit. Dipt., **2**: 239 (*Drosophila*). Type-locality: not given (Great Britain). Considered syn. of *Scaptomyza impunctata* FREY, 1945, by HACKMAN, 1959: Acta zool. fenn., **97**: 42.
- gracilis* FREY, 1945: Commentat. biol., **8**(10): 71 (*Scaptomyza*). Type-locality: Terc.: Fonduros (Azores). Considered syn. of *Scaptomyza chopardi* SÉGUY, 1936, by FREY, 1945: Commentat. biol., **8**(10): 71.
- ingrata* HALIDAY, 1833: Ent. Mag., **1**: 174 (*Drosophila*). Type-locality: Holywood, Downshire, Ulster (Ireland). Considered syn. of *Drosophila obscura* FALLÉN, 1823.
- jesonica* MATSUMURA, 1931: Illustr. Ins. Jap. Empire, 366 (*Drosophila*, as forma of *Drosophila histrio* MEIGEN, 1830). Type-locality: not given (Japan). Considered syn. of *Drosophila nigromaculata* KIKKAWA et PENG, 1938, by KIKKAWA et PENG, 1938: Jap. J. Zool., **7**: 547.
- lacteoguttata* PORTSCHINSKY, 1892: Horae Soc. ent. ross., **26**: 226 (*Drosophila*). Type-locality: Mohilew [= Mogilew] ad Borystenem [= Dnjepr], Rossia occidentalis (USSR). Considered syn. of *Amiota flavopruinosa* DUDA, 1924, by MÁCA, 1980: Acta ent. bohemoslov., **77**: 345.
- litorella* MEIGEN, 1838: Syst. Besch., **7**: 374 (*Hydrellia*). Type-locality: Baiern [D]. Considered *Drosophila* sp.
- macquarti* WHEELER, 1981: Genetics Biology Drosophila, **3a**: 65 (*Drosophila*, as new name for *Drosophila melanogaster* MACQUART).
- melanogaster* MACQUART, 1843: Mém. Soc. Sci. Agric. Lille, **1842**: 415 (*Drosophila*, preocc. by MEIGEN, 1830). Type-locality: Alger (Algeria). Considered syn. of *Drosophila fenestrarum* FALLÉN, 1823.

- mycethophila* GOUREAU, 1865: Bull. Soc. Sci. hist. nat. Yonne, 19: 120 (*Drosophila*, spelled *mycetophila* on page 141). Type-locality: not given ("France").
- nigriceps* MEIGEN, 1838: Syst. Besch., 7: 378 (*Drosophila*). Type-locality: not given ("Europe"). Considered syn. of *Drosophila obscura* FALLÉN, 1823.
- nigrimana* MEIGEN, 1830: Syst. Besch., 6: 87 (*Drosophila*). Type-locality: not given ("Europe"). Considered syn. of *Chymomyza fuscimana* ZETTERSTEDT, 1847.
- nigrita* CURTIS, 1833: Brit. Ent., 10: 473 (*Drosophila*). Type-locality: not given ("Great Britain").
- nitidapex* BIGOT, 1892: Bull. Soc. zool. Fr., 16: 279 (*Drosophila*). Type-locality: Canaria (Canary Is.).
- nitidiventris* MACQUART, 1835: Hist. nat. Ins., Dipt., 2: 551 (*Drosophila*). Type-locality: Nord de la France (France). Considered syn. of *Drosophila fenestrarum* FALLÉN, 1823.
- oenopota* SCOPOLI, 1763: Entom. carniolica, 337 (*Musca*). Type-locality: not given (?Yugoslavia). Considered syn. of *Drosophila funebris* FABRICIUS, 1787, or of *Drosophila melanogaster* MEIGEN, 1830.
- pallipes* DUFOUR, 1846: Anns Soc. ent. Fr., (2) 4: 325 (*Drosophila*). Type-locality: Saint-Sever (France).
- perrisi* WHEELER and HAMILTON, 1972: Univ. Tex. Publs, 7213: 258 (as new name for *Drosophila fasciata* PERRIS in DUFOUR, 1839).
- fasciata* PERRIS in DUFOUR, 1839: Ann. Sci. nat., (2) Zool., 12: 49 (*Drosophila*, preocc. by MEIGEN, 1830). Type-locality: not given ("France").
- pruinosa* BIGOT, 1888: Explor. scient. Tunisie: 10 (*Gitona*). Type-locality: Gabès, île de Djerba, sur les Tamarix (Tunisia).
- reaumurii* DUFOUR, 1845: Mém. Soc. Sci. Agric. Lille, 1845: 201 (*Drosophila*). Type-locality: not given ("France").
- ruficeps* VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), 17(1): 62 (*Drosophila*). Type-locality: not given (Württemberg). Considered *Scaptomyza* sp.
- ruficornis* MEIGEN, 1838: Syst. Besch., 7: 375 (*Hydrellia*). Type-locality: "Baiern" [D]. Considered syn. of *Scaptomyza graminum* FALLÉN, 1823.
- testacens* WHEELER, 1981: Genetics Biology Drosophila, 3a: 66 (*Drosophila*, as new name for *Drosophila testacea* GOUREAU).
- testacea* GOUREAU, 1865: Bull. Soc. Sci. hist. nat. Yonne, 19: 119 (*Drosophila*, preocc. by VON ROSER, 1840). Type-locality: not given ("France").
- variopicta* BECKER, 1908: Mitt. zool. Mus. Berl., 4: 156 (*Drosophila*). Type-locality: Teneriffe (Canary Is.). Considered syn. of *Drosophila fenestrarum* FALLÉN, 1823.
- varipes* MACQUART, 1835: Hist. nat. Ins., Dipt., 2: 550 (*Drosophila*). Type-locality: Bordeaux (France).

Taxa removed from the family

Genera

- Ambacis* ENDERLEIN, 1922: Dt. ent. Z., 1922: 296.
Type-species: *Noterophila acutipennis* LOEW, 1865: Berl. ent. Z., 9: 269 (orig. des.).—To Camillidae.
- Asteia* MEIGEN, 1830: Syst. Besch., 6: 88. Type-species: *Asteia amoena* MEIGEN, 1830: l.c.: 89 (des. WESTWOOD, 1840: Synopsis: 152).—To Asteiidae.
- Aulacigaster* MACQUART, 1835: Hist. nat. Ins., Dipt., 2: 579. Type-species: *Aulacigaster rufitarsis* MACQUART, 1835: l.c.: 580 (mon.).—To Aulacigastridae.
- Axinota* VAN DER WULP, 1886: Tijdschr. Ent., 29: CVIII [= *Apsinota* VAN DER WULP, 1887: Tijdschr. Ent., 30: 178]. Type-species: *Axinota pictiventris* VAN DER WULP, 1886: Tijdschr. Ent., 29: CVIII (mon.).—To Curtonotidae.
- Camilla* HALIDAY, 1838: Ann. nat. Hist., 2: 188. Type-species: *Drosophila glabra* FALLÉN, 1823: Geomyzides Sveciae: 8 (mon.).—To Camillidae.
- Curtonotum* MACQUART, 1843: Mém. Soc. Sci. Agric. Lille, 1842: 350. Type-species: *Musca gibba* FABRICIUS, 1805: Syst. antl.: 297 (mon.).—To Curtonotidae.

- Diastata* MEIGEN, 1830: Syst. Besch., 6: 94. Type-species: *Geomyza obscurella* FALLÉN, 1823: Geomyzides Sveciae: 4 (des. WESTWOOD, 1840: Synopsis: 152).—To Diastatidae.
- Leiomyza* MACQUART, 1835: Hist. nat. Ins., Dipt., 2: 605. Type-species: *Agromyza glabricula* MEIGEN, 1830: Syst. Besch., 6: 179. (= *scatophagina* (FALLÉN, 1823): *Agromyzides* Sveciae: 3) (des. WESTWOOD, 1840: Synopsis: 151).—To Asteiidae.
- Microperiscelis* OLDENBERG, 1914: Arch. Naturgesch., 80A(2): 39. Type-species: *Notiphila annulata* FALLÉN, 1813: K. svenska VetenskAkad. Handl. (3), 1813: 250.—To Periscelididae.
- Periscelis* LOEW, 1858: Berl. ent. Z., 2: 113. Type-species: *Periscelis annulipes* LOEW, 1858: l.c.: 118 (mon.).—To Periscelididae.
- Pseudopomyza* STROBL, 1893: Wien. ent. Ztg, 12: 284. Type-species: *Pseudopomyza nitidissima* STROBL, 1893: Wien. ent. Ztg, 12: 284 (mon.).—To Pseudopomyzidae.
- Trixoscelis* RONDANI, 1856: Dipt. Ital. Prodrum, 1: 134. Type-species: *Geomyza obscurella* FALLÉN, 1823: Geomyzides Sveciae: 4 (orig. des.).—To Trixoscelididae.
- Uranucha* CZERNY, 1903: Wien. ent. Ztg, 22: 127. Type-species: *Geomyza spuria* THOMSON, 1869: Fregatten E. Resa, Zool. 2(1): 599 (orig. des.).—To Chloropidae.

Species

- albinervis* VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), 17(1): 62 (*Diastata*). Type-locality: not given (Württemberg).—To Milichiidae.
- annulata* FALLÉN, 1813: K. svenska VetenskAkad. Handl. (3), 1813: 250 (*Notiphila*). Type-locality: not given (Sweden).—To Periscelididae.
- apicalis* ROBERT, 1834: Anns ent. Soc. Fr., 3: 459 (*Diastata*). Type-locality: not given (France).—To Diastatidae.
- fuscula* FALLÉN, 1823: Geomyzides Sveciae: 7 (*Drosophila*). Type-localities: Esperöd and Ostrogothia (Sweden).—To Diastatidae.
- glabra* FALLÉN, 1823: Geomyzides Sveciae: 8 (*Drosophila*). Type-locality: Esperöd (Sweden).—To Camillidae.
- maculipennis* GIMMERTHAL, 1846: CorrespBl. naturf. Ver. Riga, 1: 105 (*Drosophila*). Type-locality: Kurland (USSR).—To Diastatidae.
- marginella* ZETTERSTEDT, [1838]: Insecta Lapp.: 777 (*Drosophila*). Type-localities: Stensele (Sweden) and Schiervoe (Norway).—To Diastatidae.
- ornata* MEIGEN, 1830: Syst. Besch., 6: 176 (*Agromyza*). Type-locality: not given ("Europe"). Considered syn. of *Acletoxenus formosus* LOEW, 1864, by misidentification, to Agromyzidae.

Nomina nuda

- flaveolata* BRISCHKE, 1881: Schr. naturf. Ges. Danzig, 5: 239 (as var. of *Scaptomyza graminum* FALLÉN, 1823).
- flaveolata* HEEGER in BRAUER, 1883: Denkschr. Akad. Wiss. Wien, Kl. math.-naturw., 47: 88 (*Scaptomyza*).
- lakovaara* LAKOVAARA, LUMME et OIKARINEN, 1973: Genetics, 74 (Suppl.): 149 (*Drosophila*).
- niveopunctata* DUFOUR, 1846: C. r. Acad. Sci. Paris, 22: 319 (*Drosophila*, as *niveo-punctata*).
- palustris* DAHL, 1896: Sber. preuss. Akad. Wiss. Berlin, 1896: 21 (*Drosophila*).
- pisi* TIENSUU, 1951: Ann. ent. fenn., 17: 175 (*Scaptomyza*).
- pusilla* EVERSMAHN, 1834: Bull. Soc. Nat. Moscou, 7: 431 (*Drosophila*).
- trivittata* EVERSMAHN, 1834: Bull. Soc. Nat. Moscou, 7: 431 (*Drosophila*).