

Family DROSOPHILIDAE

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The drosophilids, or pomace flies, are usually abundant in all situations where rotting fruits or vegetable matter are found. They are commonly referred to by the layman as "fruit flies" because of their association with overripe and spoiling fruit, but this common name should be reserved for the Tephritidae. A dozen or so species are common garbage-can flies over much of the world and are often pests in the household when bananas, pineapples, and other fruits are present.

Because of their short life span and ease in culturing in artificial media, many of the *Drosophila* make ideal laboratory animals and are being used extensively for research in genetics, cytology, ethology, and physiology.

A total of 457 species of Drosophilidae are presently recognized for the Oriental region. These belong in 29 genera, only two (*Colocasiomyia* de Meijere and *Sphyrnoceps* de Meijere) of which are endemic to the region. The genus *Drosophila* Fallén is the largest in number of species and contains about 60 percent of the total Oriental fauna. This is about the same proportion of species given by Wheeler (1970) for the Neotropical region. The genus *Leucophenga* Mik is also richly developed in the Oriental region, as it also is in the Ethiopian region (Duda 1939; Burla 1954a; Bächli 1971), and contains 52 known species. *Scaptomyza* Hardy, on the other hand, is apparently poorly represented with only 11 presently known species. This compares with 131 species known from the Hawaiian Islands (Hardy 1965).

Nearly half of the known Oriental species were described or recorded by de Meijere (1908, 1911, 1914, 1916c, etc.) and Duda (1923, 1924a, 1926c, etc.). For several decades the literature on these flies has been limited largely to scattered descriptions of new species; no monographic studies have been done for the Oriental region, and their taxonomy needs to be brought up to date.

The number of species will surely be more than doubled when detailed studies are made. The most notable recent study is that of Bock and Wheeler (1972); this has greatly increased our knowledge of the *Drosophila melanogaster* group of species.

The Oriental drosophilids no doubt breed predominantly in decaying vegetation such as fruits, leaves, flowers, and stems; some are fungivores; it is also probable that some breed in slime fluxes from trees. We have only a few records of specialized habitats. *Lissocephala powelli* Carson and Wheeler (1973) lives as a commensal on the bodies of several species of land crabs on Christmas Island, Indian Ocean. Carson and Wheeler (1973) have found larvae, probably of drosophilids, in the openings to the gills in preserved specimens of *Gecarcoides* in the United States National Museum, from Silino Island, Mindanao Sea, Philippine Islands and from the Andaman Islands, Bay of Bengal, and it is not unlikely that a complex of species may utilize this unusual habitat throughout the Oriental region. *Gitonides perspicax* Knab is a predator on mealybugs. *Drosophilella colocasiae* Duda and *Colocasiomyia cristata* de Meijere have been associated with taro (*Colocasia antiquarum* Schott) in

Java; the latter (de Meijere 1914:272) reportedly lives in the spadix of the flower. Also Mayer (1935) has reared several species of *Drosophila* in Java and Sumatra from bracts of *Commelina*, hollow coconuts, and decaying tree stumps.

Very little biological data are available, and to date only preliminary genetic or cytological studies have been made over this vast area. A great deal needs to be learned about these flies.

The unpublished new distribution records from various sources have been added in this catalog. Some taxa listed in "Drosophila Information Service" are also cited although these are *nomina nuda* and are not nomenclaturally available.

Subfamily STEGANINAE

Genus ACLETOXENUS Frauenfeld

Acletoxenus Frauenfeld, 1868, Verh. zool.-bot. Ges. Wien. 18:152. Type-species, *syrrhoides* Frauenfeld, by monotypy, = *formosus* (Loew).
formosus (Loew).—Not Oriental.

indicus Malloch.—India [Madras].

1929, Ann. Mag. nat. Hist. (10)3:545 (♀; as *indica*). Type-loc: Coimbatore, India.

meijerei Duda.—Java.

1924, Arch. Naturgesch. 90A(3):224 (sex?; as *Meijerei*). Type-loc: Java.

Genus AMIOTA Loew

Amiota Loew, 1862, Berl. ent. Z. 6:229. Type-species, *leucostoma* Loew, by designation of Coquillett (1910:505).

Reference: Okada 1971a (rev. Oriental spp.).

Subgenus AMIOTA Loew

leucostoma Loew.—Not Oriental.

nagatai Okada.—Ryukyu Islands (Yaeyama); Japan.

1960, Mushi 34:96 (♂; as *alboguttata* form); 1971, Kontyû 39:97 (♂).
Type-loc: Higashimera, Miyazaki Prefecture, Japan.

okinawana Okada.—Ryukyu Islands (Yaeyama).

1971, Kontyû 39:86 (♂). Type-loc: Komi, Iriomote Islands, Yaeyama, Ryukyu Islands.

subfurcata Okada.—Formosa; Japan.

1971, Kontyû 39:85 (♂). Type-loc: Sugadaira, Nagano Prefecture, Japan.

Subgenus APSIPHORTICA Okada

Amiota, subg. **Apsiphortica** Okada, 1971, Kontyû 39:90. Type-species, *lini* Okada, by original designation.

lini Okada.—Formosa.

1971, Kontyû 39:90 (♂). Type-loc: Puli, Formosa.

Subgenus PHORTICA Schiner

Phortica Schiner, 1862, Wien. ent. Mschr. 6:433. Type-species, *Drosophila variegata* Fallén, by original designation.

albodorsata Sturtevant.—Philippines [Luzon].

1927, Philipp. J. Sci. 32:362 (♀). Type-loc: Los Baños, Laguna, Luzon, Philippines.

foliiseta Duda.—Formosa, Thailand; New Guinea.

1923, Anns hist.-nat. Mus. natn. hung. 20:35 (♂♀; *Phortica*). Type-locs: Chi-chi, Mount Fon-fang-shan, and Kang-kou, Formosa; Friedrich-Wilhelmshafen, New Guinea.

leucophengoides Sturtevant.—Philippines [Luzon].

1927, Philipp. J. Sci. 32:363 (♂). Type-loc: Batbatan, Philippines.

maculiceps Duda.—Formosa, Sumatra.

1924, Arch. Naturgesch. 90A(3):183 (sex?; *Phortica*). Type-loc: Sumatra.
radiata Duda, 1926, Supplta ent. 14:46 (♂; as var.). Type-loc: Fort de Kock, Sumatra.

nigrifoliiseta Tákada, Momma, and Shima.—Borneo (Sabah).

1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):74 (♂). Type-loc: Silau Silau Trail, Mount Kinabalu, Borneo.

orientalis Hendel.—Formosa.

1914, Supplta ent. 3:116 (sex?). Type-loc: Kankau, Heng-chun, Formosa.

parallelinervis Duda.—Java.

1924, Arch. Naturgesch. 90A(3):183, 251 (♀; *Phortica*). Type-loc: Semarang, Java.

paramagna Okada.—Formosa.

1971, Kontyû 39:92 (♂). Type-loc: Fen-ch'i-hu, Formosa.

variegata (Fallén).—Formosa, Sumatra; Europe, Japan, Korea.

1823, Geomyzides Sveciae: 5 (♂♀; *Drosophila*). Type-loc: Ostrogothia, Sweden.

varipes Duda.—Sumatra.

1926, Supplta ent. 14:47 (♂♀; *Phortica*). Type-loc: Fort de Kock, Sumatra.

Genus **EOSTEGANA** Hendel

Eostegana Hendel, 1913, Ent. Mitt. 2:390. Type-species, *biroi* Hendel, by monotypy.

Stegophortica Duda, 1923, Annlis hist.-nat. Mus. natn. hung. 20:33. Type-species, *striatipennis* Duda, by monotypy, = *biroi* Hendel.

bakeri (Sturtevant).—Philippines [Luzon].

1927, Philipp. J. Sci. 32:363 (sex?; *Stegana*). Type-loc: Mount Makiling, Luzon, Philippines. **N. comb.**

biroi Hendel.—Not Oriental.

ortalidoides (Walker).—India [Mysore]; ?New Guinea.

1864, J. Proc. Linn. Soc. Lond., Zool. 7:222 (♀; *Notiphila*). Type-loc: Mysol (Mysore), India.

Genus **ERIMA** Kertész

Erima Kertész, 1899, Természetr. Fü. 22:193. Type-species, *fasciata* Kertész, by monotypy.

fasciata Kertész.—Not Oriental.

Iepidothrix (Wheeler and Takada).—Sumatra; Palau.

1966, Insects Micronesia 14(6):235 (♂; *Cacoxenus*). Type-loc: Melekeciok, Babelthuap, Palau.

Genus **GITONIDES** Knab

Gitonides Knab, 1914, Insecutor Inscit. menst. 2:165. Type-species, *perspicax* Knab, by original designation.

Eudrosophila Malloch, 1924, Mem. Dep. Agric. India (ent. Ser.) 8:63. Type-species, *perspicax* Knab, by monotypy.

References: Hardy and Wheeler 1960; McAlpine 1968 (generic relationship).

perspicax Knab.—Formosa, India [Madras, Uttar Pradesh], Philippines [Luzon]; Africa, Australia, Hawaii.

1914, Insecutor Inscit. menst. 2:166 (♀). Type-loc: Honolulu, Hawaii. (reared from *Pseudococcus* sp.).

punctatus Duda, 1924, Arch. Naturgesch. 90A(3):225 (*Cacoxenus*). *Nomen nudum*.

Genus **LEUCOPHENGA** Mik

Leucophenga Mik, 1886, Wien. ent. Ztg 5:317. Type-species, *Drosophila maculata* Dufour, by original designation.

- Drosomyiella* Hendel, 1914, Supplta ent. 3:113. Type-species, *abbreviata* (de Meijere), by original designation.
- Paraleucophenga* Oldenberg, 1914, Arch. Naturgesch. 80A(2):18 (preocc. Hendel 1914). Type-species, *Leucophenga quinquemaculata* Strobl, by monotypy.
- Neoleucophenga* Oldenberg, 1915, Arch. Naturgesch. 80A(9):93 (n. name for *Paraleucophenga* Oldenberg). Type-species, *Leucophenga quinquemaculata* Strobl, automatic.
- Oxyleucophenga* Hendel, 1931, Ent. Mitt. 2:386. Type-species, *undulata* Hendel, by monotypy.
- Reference: Bächli 1971 (rev. African spp.).

Subgenus LEUCOPHENG A Mik

- abbreviata** (de Meijere).—Ceylon, Formosa, Java, Malaya, Népal, Singapore, Sumatra.
1911, Tijdschr. Ent. 54:400 (sex?; *Drosophila*). Type-loc: Semarang, Java.
- albiceps** (de Meijere).—Formosa, Java, Nepal.
1914, Tijdschr. Ent. 57:258 (sex?; *Drosophila*, subg. *Leucophenga*). Type-loc: Gunung Ungaran, Java.
- albicincta** (de Meijere).—India [Uttar Pradesh], Java; New Guinea.
1908, Tijdschr. Ent. 51:156 (sex?; *Drosophila*). Type-loc: Semarang, Java.
- albifascia** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.). Suppl. 6:22 (♂). Type-loc: Arun Valley, W shore of River Arun, below Tumlingtar, Nepal.
- angusta** Okada.—Hong Kong, Java, Nepal, Ryukyu Islands (Okinawa), Singapore, Sumatra, Viet Nam; Japan, Micronesia.
1956, Syst. Study Drosophilidae Japan: 28 (♂). Type-loc: Tokyo, Japan.
nigriventris, authors, not Macquart, misidentification.
nigripalpis, Okada, not Duda, 1966, misidentification.
- argentata** (de Meijere).—Formosa, Java, Nepal, Philippines [Luzon, Mindanao], Ryukyu Islands (Yaeyama), Singapore; Micronesia.
1914, Tijdschr. Ent. 57:258 (?♂; *Drosophila*, subg. *Leucophenga*). Type-loc: Nangkodjadar [sic], Java.
- argentina** (Duda).—Sumatra.
1924, Arch. Naturgesch. 90A(3):187 (♂; de Meijere (MS) 1924, Tijdschr. Ent. 67 (Suppl.):46 (*Drosophila*)). Type-loc: Barung Pulau, Sumatra.
- atriventris** Lin and Wheeler.—Formosa; New Guinea, New Ireland.
1972, Univ. Texas Publ. 7213:243 (♂♀). Type-loc: Wau, New Guinea.
- bezzii** Sturtevant.—Philippines [Luzon].
1927, Philipp. J. Sci. 32:364 (sex?). Type-loc: Mount Makiling, Luzon, Philippines.

- bifasciata** Duda.—Formosa.
1923, *Annls hist.-nat. Mus. natn. hung.* 20:30 (♀). Type-loc: Chi-chi, Formosa.
- bistriata** Kahl.—Philippines [Mindanao].
1917, *Ann. Carneg. Mus.* 11:386 (♂). Type-loc: Mindanao, Philippines.
- cincta** de Meijere.—Java.
1911, *Tijdschr. Ent.* 54:395 (sex?). Type-loc: Gunung Salak nr Buitenzorg (Bogor), Java.
- concordia** Okada.—Ryukyu Islands (Amami); Japan, Korea.
1956, *Syst. Study Drosophilidae Japan*: 30 (♂♀). Type-loc: Tokyo, Japan.
- confluens** Duda.—Formosa.
1923, *Annls hist.-nat. Mus. natn. hung.* 20:32 (♂♀; as *maculata* var.);
Type-locs: Chi-chi and Mount Fon-fang-shan, Formosa.
- costata** Okada.—Nepal.
1966, *Bull. Br. Mus. nat. Hist. (Ent.) Suppl.* 6:19 (♀). Type-loc: Arun Valley, E shore of River Arun, below Tumlingtar, Nepal.
- digmasoma** Lin and Wheeler.—Formosa.
1972, *Univ. Texas Publ.* 7213:244 (♂♀). Type-loc: Wulai, Formosa.
- flavicosta** Duda.—Formosa, India, Java, Sumatra; Micronesia, New Guinea.
1926, *Supplta ent.* 14:53 (♂; as *subpollinosa* var.). Type-loc: Fort de Kock, Sumatra.
- fuscipennis** Duda.—Formosa.
1923, *Annls hist.-nat. Mus. natn. hung.* 20:28 (♂). Type-loc: Kao-hsing, Formosa. Probably *guttiventris* de Meijere?.
- gibbosa** (de Meijere).—Java, Singapore.
1914, *Tijdschr. Ent.* 57:264 (sex?; *Drosophila*, subg. *Leucophenga*). Type-loc: Nongkodjadar, Java.
- guttiventris** (de Meijere).—Formosa, Hong Kong, India [Maharashtra, Uttar Pradesh], Java, Nepal, Ryukyu Islands (Amami); Africa, Japan.
1908, *Tijdschr. Ent.* 51:331 (*Drosophila*; n. name for *maculiventris* de Meijere).
maculiventris de Meijere, 1908, *Tijdschr. Ent.* 51:155 (sex?; *Drosophila*; prooc. van der Wulp, 1897 = *Drosophila repleta* Wollaston). Type-loc: Semarang, Java.
- halteropunctata** Duda.—Formosa, Nepal, Philippines; Palau.
1924, *Arch. Naturgesch.* 90A(3):188, 239 (♂♀, possibly ♀ of *argentata* de Meijere, teste Wheeler and Takada, 1964:226). Type-locs: Paroc, Kao-hsiung, and Sokotsu, Formosa.
- insulana** (Schiner).—Nicobar Islands.
1868, *in Reise der österreichischen Fregatte Novara*, *Dipt.* 2:240 (♀; *Drosophila*). Type-loc: Nicobar.

interrupta Duda.—Ceylon, Formosa, Java, Nepal, Ryukyu Islands (Amami); Japan.

1924, Arch. Naturgesch. 90A(3):187, 237 (♀). Type-loc: Paroe nōral, Paiwan District, Formosa.

jacobsoni Duda.—Malaya, Singapore, Sumatra.

1926, Supplta ent. 14:50 (♂; as *Jacobsoni*). Type-loc: Fort de Kock, Sumatra.

lacteusa Takada and Wakahama.—Ryukyu Islands (Okinawa); Japan.

1967, Annotnes zool. jap. 40:56 (♂♀). Type-loc: Fungawa, Okinawa, Ryukyu Islands.

latifrons Duda.—Formosa.

1923, Annls hist.-nat. Mus. natn. hung. 20:32 (♀). Type-loc: Kao-hsiung, Formosa.

leucozona Duda.—Nepal; New Guinea.

1923, Annls hist.-nat. Mus. natn. hung. 20:29 (♀). Type-loc: Friedrich-Wilhelmshafen, New Guinea.

limbipennis (de Meijere).—Formosa, Java, Singapore; Micronesia.

1908, Tijdschr. Ent. 51:156 (sex?; *Drosophila*). Type-loc: Semarang, Java.

maculata (Dufour).—Formosa; Java; Europe, Japan, Korea.

1839, Annls Sci. nat. Paris 12:14 (sex?; *Drosophila*). Type-loc: Europe.

magnipalpis Duda.—Formosa.

1923, Annls hist.-nat. Mus. natn. hung. 20:27 (?♂♀). Type-loc: Chi-chi, Formosa.

meijerei Duda.—Formosa, Java.

1924, Arch. Naturgesch. 90A(3):240 (♂♀; 1924:190) (*Nomen nudum*; as *albiceps* var. *Meijerea* [sic]); Lin and Wheeler, 1972:248 (as sp.). Type-locs: Goenoeng, Java; Taipei, Formosa.

nigriceps Okada.—Malaya, Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:31 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.

nigrinervis Duda.—Formosa.

1924, Arch. Naturgesch. 90A(3):186, 236 (♀). Type-loc: Kuo-shing-pu, Formosa.

nigripalpis Duda.—Formosa, ?Java.

1923, Annls hist.-nat. Mus. natn. hung. 20:29 (♂). Type-loc: Chi-chi, Formosa.

nigroscutellata Duda.—Formosa, Java.

1924, Arch. Naturgesch. 90A(3):186, 237 (♂). Type-loc: Chi-tou, Formosa.

- orientalis** Lin and Wheeler.—Formosa, Ryukyu Islands (Okinawa); Japan, Korea.
1972, Univ. Texas Publ. 7213:249 (♂♀). Type-loc: Puli, Formosa.
magnipalpis, authors, not Duda 1923.
- ornata** Wheeler.—Formosa, Java, Nepal, Ryukyu Islands (Amami, Okinawa, Yaeyama); Japan, Korea.
1959, Univ. Texas Publ. 5914:184 (n. name for *ornatipennis* de Meijere).
ornatipennis de Meijere, 1914, Tijdschr. Ent. 57:256 (sex?; *Drosophila*, subg. *Leucophenga*; preocc. by Williston 1896). Type-loc: Nongkodjadjar, Java.
- pectinata** Okada.—Ceylon, Formosa, Hong Kong.
1968, Kontyû 36:310 (♂). Type-loc: Kenting, Formosa.
- quadripunctata** (de Meijere).—Formosa, Hong Kong, Java, Sumatra; Japan, Korea.
1908, Tijdschr. Ent. 51:154 (sex?; *Drosophila*). Type-loc: Semarang, Java.
- rectinervis** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:33 (♂♀). Type-loc: Arun Valley, E shore of River Arun, below Tumlingtar, Nepal.
- rudis** (Walker).—Celebes.
1860, J. Proc. Linn. Soc. Lond., Zool. 4:168 (♂; *Drosophila*). Type-loc: Makasar, Celebes. Probably a synonym of *lateralis* Meigen.
- salatigae** (de Meijere).—Java, Nepal.
1914, Tijdschr. Ent. 57:260 (sex?; *Drosophila*, subg. *Leucophenga*). Type-loc: Salatiga, Java.
- setipalpis** Duda.—Formosa.
1923, Anns hist.-nat. Mus. natn. hung. 20:31 (♂♀). Type-loc: Kao-hsiung, Formosa. Probably a synonym of *salatigae* (de Meijere).
- sordida** Duda.—Formosa.
1923, Anns hist.-nat. Mus. natn. hung. 20:31 (♂). Type-loc: Heng-chun, Formosa.
- spilossoma** Lin and Wheeler.—Formosa.
1972, Univ. Texas Publ. 7213:251 (♂♀). Type-locs: Shin-ting and Taipei, Formosa.
- subacutipennis** Duda.—Formosa; ?Fiji.
1924, Arch. Naturgesch. 90A(3):189, 239 (♂♀). Type-locs: Paroe and Macuyama, Formosa.
- subpollinosa** (de Meijere).—Borneo (Brunci), Ceylon, Formosa, India [Maharashtra], Java, Malaya, Nepal, Ryukyu Islands (Okinawa), Sumatra, Viet Nam; ?Africa, ?Japan, Micronesia.
1914, Tijdschr. Ent. 57:263 (sex?; *Drosophila*, subg. *Leucophenga*). Type-loc: Semarang, Java.

taiwanensis Lin and Wheeler.—Formosa.

1972, Univ. Texas Publ. 7213:253 (♂♀). Type-loc: Yun-shui, Formosa.

umbratula Duda.—Formosa; ?Africa.

1924, Arch. Naturgesch. 90A(3):187, 238 (♀). Type-loc: Paroe, Formosa.

varinervis Duda.—Formosa.

1923, Anns hist.-nat. Mus. natn. hung. 20:31 (♀). Type-loc: Sokotra (?Sokotsu), Formosa.

Subgenus PARALEUCOPHENGHA Hendel

Paraleucophenga Hendel, 1914, Supplta ent. 3:114. Type-species, *triseta* Hendel, by original designation, = *invicta* (Walker).

Leucophenga, subg. *Trichiaspiphenga* Duda, 1924, Arch. Naturgesch. 90A(3):185. Type-species, *Helomyza invicta* Walker, by monotypy.

invicta (Walker).—Borneo (Sarawak), Formosa, India [Mysore], Java, Sumatra. 1856, J. Proc. Linn. Soc. Lond., Zool. 1:130 (♀; *Helomyza*). Type-loc: Sarawak, Borneo.

triseta Hendel, 1914, Supplta ent. 3:114 (sex?; *Drosophila*). Type-loc: Kangkou, Formosa.

Subgenus PARARHINOLEUCOPHENGHA Duda

Pararhinoleucophenga Duda, 1924, Arch. Naturgesch. 90A(3):185. Type-species, *Drosophila maura* de Meijere, by monotypy.

maura (de Meijere).—Ceylon, Java, Sumatra.

1911, Tijdschr. Ent. 54:406 (sex?; *Drosophila*). Type-loc: Wonosobo, Java.

Genus LUZONIMYIA Malloch

Luzonimyia Malloch, 1926, Philipp. J. Sci. 31:491. Type-species, *nigropuncta* Malloch, by original designation.

nigropuncta Malloch.—Philippines [Luzon].

1926, Philipp. J. Sci. 31:491 (♀). Type-loc: Mount Makiling, Philippines.

Genus STEGANA Meigen

Stegana Meigen, 1830, Syst. Besch. europ. zweifl. Insekt. 6:79. Type-species, *nigra* Meigen, by designation of Zetterstedt (1847:2557), = *curvipennis* (Fallén).
Reference: Wheeler 1960 (genera and subgenera rev.).

Subgenus ORTHOSTEGANA Hendel

Orthostegana Hendel, 1913, Dt. ent. Z. (1913):631. Type-species, *acutangula* Hendel, by monotypy.

Phortica, subg. *Oxyphortica* Duda, 1924, Arch. Naturgesch. 90A(3):182. Type-species, *Drosophila convergens* de Meijere, by monotypy.
acutangula Hendel.—Not Oriental.

convergens (de Meijere).—Bornco (Bruncei), Formosa, Java; New Guinea.
1911, Tijdschr. Ent. 54:400 (sex?; *Drosophila*). Type-loc: Semarang, Java.

curvinervis (Hendel).—Formosa.
1914, Supplta ent. 3:115 (sex?; *Orthostegana*). Type-loc: Kuo-shing-pu, Formosa.

nigripennis (Hendel).—Formosa, Ryukyu Islands (Yaeyama); Japan, Korea.
1914, Supplta ent. 3:115 (sex?; *Orthostegana*). Type-loc: Sokutsu, Formosa.

kanoi Okada, 1956, Syst. Study Drosophilidae Japan: 14 (♂; *Protostegana*).
Type-loc: Ishigaki Island, Yaeyama, Ryukyu Islands.

poeciloptera Duda, 1926, Anns hist.-nat. Mus. natn. hung. 23:243 (♂♀; *Chaetocnema*, subg.). Type-locs: Kuo-shing-pu, Hen-chung, Tapani and Tao-yuan, Formosa.

Subgenus PARASTEGANA Okada

Stegana, subg. **Parastegana** Okada, 1971, Mushi 45:91. Type-species, *Protostegana femorata* Duda, by original designation.

femorata (Duda).—Formosa.
1923, Anns hist.-nat. Mus. natn. hung. 20:33 (♀; *Protostegana*). Type-loc: Puli, Formosa.

fleximediata Takada, Momma, and Shima.—Bornco (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):74 (♂♀). Type-loc: Silau Silau Trail, Mount Kinabalu, Bornco.

maculipennis Okada.—Formosa.
1971, Mushi 45:92 (♂). Type-loc: Shiltsulu, Formosa.

Subgenus STEGANA Meigen

Protostegana Hendel, 1929, Wien. ent. Ztg 38:52. Type-species, *Drosophila curvipennis* Fallén, by original designation.

curvipennis Fallén.—Not Oriental.

lateralis van der Wulp.—Ceylon, Java, Sumatra.
1897, Természetr. Fü. 20:143 (♀). Type-loc: Kandy, Ceylon.

- brunnescens* de Meijere, 1911, Tijdschr. Ent. 54:417 (sex?). Type-loc: Batavia (Djakarta), Java.
- leucomelana** (Walker).—Celebes.
1859, J. Proc. Linn. Soc. Lond., Zool. 4:144 (♀; *Sciomyza*). Type-loc: Makasar, Celebes.
- undulata** de Meijere.—Java, Sumatra.
1911, Tijdschr. Ent. 54:419 (sex?). Type-loc: Gunung Pantjar nr Buitenzorg (Bogor), Java.

Subgenus STEGANINA Wheeler

- Stegana*, subg. **Stegana** Wheeler, 1960, Proc. ent. Soc. Wash. 62:110. Type-species, *Musca coleoptrata* Scopoli, by original designation.
coleoptrata (Scopoli).—Not Oriental.
- nigrifrons** de Meijere.—Formosa, Java, Sumatra; Africa, Japan.
1911, Tijdschr. Ent. 54:418 (sex?). Type-loc: Batavia (Djakarta), Java.
- nigrolimbata** Duda.—Formosa.
1924, Arch. Naturgesch. 90A(3):181 (♀); 1923:37 (*nomen nudum*). Type-loc: Chi-chi, Formosa.
- ornatipes** Wheeler and Takada.—Ryukyu Islands (Yaeyama); Micronesia.
1964, Insects Micronesia 14(6):233 (♂♀). Type-loc: Kusaie, Caroline Islands.
- scutellata** de Meijere.—Java, Nepal.
1911, Tijdschr. Ent. 54:420 (sex?); Duda, 1924, Arch. Naturgesch. 90A(3):182 (as *nigrifrons* var.). Type-loc: Batavia (Djakarta), Java.
nigrifrons Okada, 1966:15, misidentification, not de Meijere.
- shirozui** Okada.—Formosa.
1971, Mushi 45:84 (♂). Type-loc: Tompogoe, Chia-I, Formosa.

Subfamily DROSOPHILINAE

Genus CHYMOMYZA Czerny

- Chymomyza** Czerny, 1903, Z. syst. Hymenopt. Dipterol. 3:199. Type-species, *Drosophila fuscimana* Zetterstedt, by designation of Sturtevant (1921:61).
- Amphoroneura* de Meijere, 1911, Tijdschr. Ent. 54:423. Type-species, *rufithorax* de Meijere, by present designation.
- cinctifrons** de Meijere.—Sumatra.
1924, Tijdschr. Ent. 67 (Suppl.): 47 (♂). Type-loc: Gunung Talamau, ?Mount Ophir, Sumatra.
fuscimana (Zetterstedt).—Not Oriental.

obscura (de Meijere).—Formosa, Java, Sumatra; ?Japan.
1911, Tijdschr. Ent. 54:424 (sex?; *Amphoroneura*). Type-loc: Batavia (Djakarta), Java.

rufithorax (de Meijere).—Java, Sumatra:
1911, Tijdschr. Ent. 54:424 (sex?; *Amphoroneura*). Type-locs: Batavia (Djakarta) and Semarang, Java.

Genus COLOCASIOMYIA de Meijere

Colocasiomyia de Meijere, 1914, Tijdschr. Ent. 57:272. Type-species, *cristata* de Meijere, by monotypy.

cristata de Meijere.—Java.
1914, Tijdschr. Ent. 57:273 (♂). Type-loc: Nongkodjadjar, Java.

Genus DETTOPSOMYIA Lamb

Dettopsomyia Lamb, 1914, Trans. Linn. Soc. Lond. (2) (Zool.) 16:349. Type-species, *formosa* Lamb, by original designation.

Pictostyloptera Duda, 1924, Arch. Naturgesch. 90A(3):192. Type-species, *Drosophila preciosa* de Meijere, by monotypy.

acrostichalis Duda.—Sumatra.
1926, Supplta ent. 14:61 (♂♀). Type-loc: Fort de Kock, Sumatra.

formosa Lamb.—Philippines; Central America, Hawaii, Micronesia, Seychelles, Solomon Islands.

1914, Trans. Linn. Soc. Lond. (2) (Zool.) 16:350 (sex?). Type-loc: Mahe, Cascade Estate, Seychelles.

fruhstorferi (Duda).—Viet Nam.

1924, Arch. Naturgesch. 90A(3):192, 194 (sex?; as *Styloptera Fruhstorferi* [sic]). Type-loc: Viet Nam.

jacobsoni Duda.—Sumatra.

1926, Supplta ent. 14:59 (♂♀; as *Jacobsoni*). Type-loc: Fort de Kock, Sumatra.

pictipes (de Meijere).—Java, Sumatra, Viet Nam; Australia, Hawaii, Japan, Nearctic.

1911, Tijdschr. Ent. 54:411 (sex?; *Drosophila*). Type-loc: Wonosobo, Java.

sumatrana Duda, 1926, Supplta ent. 14:62 (♂♀; as var.). Type-loc: Fort de Kock, Sumatra.

preciosa (de Meijere).—Ceylon, Java; Palau.

1911, Tijdschr. Ent. 54:410 (sex?; *Drosophila*). Type-loc: Batavia (Djakarta), Java.

Genus **DIATHONEURA** Duda

Diathoneura Duda, 1924, Arch. Naturgesch. 90A(3):180. Type-species, *taeniatipennis* Duda, by designation of Malloch (1924:438).

ripa Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:65 (♂♀). Type-loc: Below Tamrang bridge, Taplejung District, Nepal.

taeniatipennis Duda.—Not Oriental.

Genus **DROSOPHILA** Fallén

Drosophila Fallén, 1823, Geomyzides Sveciae:4. Type-species, *Musca funebris* Fabricius, by designation of Zetterstedt (1847:2542).

References: Wheeler 1949, 1959 (world catalog); Wheeler and Hamilton 1972 (world catalog sp.); Sturtevant 1939, 1942 (subgeneric division); Patterson and Stone 1952 (evolution); Throckmorton 1962, 1975 (phylogeny), Hubby and Throckmorton 1960, and Throckmorton 1962 (biochemical taxonomy); Throckmorton 1968 (numerical taxonomy).

Subgenus **DORSILOPHA** Sturtevant

Drosophila, subg. *Dorsilopha* Sturtevant, 1942, Univ. Texas Publ. 4213:28. Type-species, *busckii* Coquillett, by original designation.

busckii Coquillett.—China [Kiangsi, Kwangtung, Kweichow], Formosa, India [Bihar, Manipur, Mysore, Orissa, Uttar Pradesh, W Bengal], Nepal, Ryukyu Islands (Amami, Okinawa), Sumatra, Thailand; Cosmopolitan.

1901, Ent. News 12:18 (sex?; as *buskii*). Type-loc: Washington, D.C., U.S.A.

Subgenus **DROSOPHILA** Fallén

Reference: Wilson, et al., 1969 (genetics of *nasuta* species-complex).

acutissima Okada.—Formosa, Nepal, Ryukyu Islands (Amami); Japan.

1956, Syst. Study Drosophilidae Japan: 139 (♂♀). Type-loc: Tokyo, Japan.

afer Tan, Hsu, and Sheng.—China [Chekiang, Kweichow].

1949, Univ. Texas Publ. 4920:200 (♂♀). Type-locs: Hangchow and Meitan, China.

albomicans Duda.—Formosa, Hong Kong, ?India, Ryukyu Islands (Amami, Okinawa, Yaeyama), Thailand.

- 1924, Arch. Naturgesch. 90A(3):209, 245 (♂♀); 1923:47 (*Nomen nudum*).
Type-locs: Puli, Heng-chun, Chi-chi, and Ta-ping-ling, Formosa.
- komaii* Kikkawa and Peng, 1938, Jap. J. Zool. 7:525 (♂♀). Type-loc: Amami, Ryukyu Islands.
- angor** Lin and Ting.—Formosa.
1971, Bull. Inst. Zool. Acad. sin. 10:31 (♂♀). Type-loc: Yun-shui, Chia-I, Formosa.
- annulipes** Duda.—China [Kweichow], Formosa, Nepal, Sumatra; Bonin Islands, Japan, Korea.
1924, Arch. Naturgesch. 90A(3):209, 221, 250 (♂♀); 1923:58 (*nomen nudum*). Type-locs: Chi-tou, Chi-chi, Macuyama, and Taipei, Formosa.
- virgata* Tan, Hsu, and Sheng, 1949, Univ. Texas Publ. 4920:203 (♀). Type-loc: Meitan, China.
- argentostriata** Bock.—Borneo (Sabah); New Guinea.
1966, Univ. Qd Pap. 2:273 (♂♀). Type-loc: Bisianumu, Papua, New Guinea.
- asper** Lin and Tseng.—Formosa.
1971, Bull. Inst. zool. Acad. sin. 10:69 (♂♀). Type-loc: Fong-ling, Hwalien, Formosa.
- balneorum** Sturtevant.—Philippines.
1927, Philipp. J. Sci. 32:369 (♂♀). Type-loc: Los Baños, Laguna, Mount Makiling, Luzon, Philippines.
- bella** Lin and Ting.—Formosa.
1971, Bull. Inst. Zool. Acad. sin. 10:29 (♂♀; as *bellus*). Type-loc: Chi-tou, Formosa.
- bizonata** Kikkawa and Peng.—Ryukyu Islands (Amami, Okinawa, Yaeyama); Hawaii, Japan, Korea.
1938, Jap. J. Zool. 7:532 (♂♀). Type-locs: Kyoto and Kobe, Japan.
- brachynephros** Okada.—India [Kashmir, Mysore]; Japan, Korea.
1956, Syst. Study Drosophilidae Japan:126 (♂♀). Type-loc: Morioka, Japan.
- cheda** Tan, Hsu, and Sheng.—China [Chekiang].
1949, Univ. Texas Publ. 4920:199 (♂♀). Type-loc: Hangchow, China.
- circumdata** Duda.—Sumatra.
1926, Supplta ent. 14:84 (♀). Type-loc: Fort de Kock, Sumatra.
- coei** (Okada).—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:57 (♂♀; *Chaetodrosophilella*).
Type-loc: Sangu, Taplejung District, Nepal.
- trichaeta* Angus, 1967, Univ. Qd Pap. 3:40 (erroneous n. name for *Chaetodrosophilella coei* Okada, 1966:57, not *Drosophila coei* Okada, 1966:82, which is *D. angusi*).

- compressiceps** Duda.—Formosa.
1923, Annl. hist.-nat. Mus. natn. hung. 20:55 (♂♀). Type-loc: Chi-chi and Mount Fon-fang-shan, Formosa.
- cubicivittata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:105 (♂). Type-loc: Sangu, Taplejung District, Nepal.
- curvicapillata** Duda.—Formosa, Sumatra.
1923, Annl. hist.-nat. Mus. natn. hung. 20:49 (♂♀). Type-loc: Kuo-shing-pu, Formosa.
- curviceps** Okada and Kurokawa.—India [Kashmir]; Japan, Korea.
1957, Kontyû 25:8 (♂♀). Type-loc: Tokyo, Japan.
- daruma** Okada.—Borneo (Sarawak), Formosa, India, Malaya, Ryukyu Islands (Amami, Yacyama); Bonin Islands, Japan, Korea.
1956, Syst. Study Drosophilidae Japan:115 (♂♀). Type-loc: Aoshima, Kyushu, Japan.
- decipiens** Duda.—Formosa.
1923, Annl. hist.-nat. Mus. natn. hung. 20:55 (♂♀). Type-loc: Kuo-shing-pu, Formosa.
- editinares** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:103 (♀). Type-loc: Between Sangu and Tamrang, Taplejung District, Nepal.
- flexicauda** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:101 (♂♀). Type-loc: Between Sangu and Tamrang, above Sangu, Taplejung District, Nepal.
- formosana** Duda.—Borneo. (Sabah), Ceylon, Formosa, Singapore, Sumatra, Thailand.
1926, Annl. hist.-nat. Mus. natn. hung. 23:250 (♂♀; as *tripunctata* var.). Type-locs: Macuyama and Chi-tou, Formosa.
formosana Sturtevant, 1927, Philipp. J. Sci. 32:368 (♂; as *immigrans* ssp.; preocc. Duda 1926). Type-loc: Taipei, Formosa.
- funebri* (Fabricius).—Not Oriental.
- fuscicostata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:111 (♂). Type-loc: Sangu, Taplejung District, Nepal.
- heterobristalis** Tan, Hsu, and Sheng.—China [Kweichow].
1949, Univ. Texas Publ. 4920:204 (♂♀). Type-loc: Meitan, China.
- hexastriata** Tan, Hsu, and Sheng.—China [Chekiang, Kwangtung, Kweichow].
1949, Univ. Texas Publ. 4920:201 (♂♀). Type-locs: Liuchow, Ishan, and Meitan, China.
- histrion** Meigen.—China [Kweichow]; Europe, Korea, Japan.
1830, Syst. Besch. europ. zwiffl. Insekt. 6:85 (sex?). Type-loc: Europe.

hoozani Duda.—Formosa.

1923, Annl's hist.-nat. Mus. natn. hung. 20:54 (♂♀). Type-loc: Mount Fon-fang-shan, Formosa.

hydei Sturtevant.—Formosa; Africa, Hawaii, Micronesia, Nearctic, Neotropical, Palaearctic.

1921, Carnegie Inst. Wash. Publ. 301:101 (♂♀). Type-loc: Lakeland, Florida, USA.

hypocausta Osten-Sacken.—Borneo (Brunei, Sabah, Sarawak), Formosa, India, Java, Malaya, Philippines, Ryukyu Islands (Amami, Okinawa), Singapore, Sumatra, Thailand; Micronesia.

1882, Berl. ent. Z. 26:245 (♂). Type-loc: Philippines.

immigrans Sturtevant.—Ceylon, China [Chekiang, Kiangsi, Kwangtung, Kweichow], Formosa, India [Assam, Bihar, Kashmir, Manipur, Mysore], Ryukyu Islands (Okinawa), Thailand; Cosmopolitan.

1921, Carnegie Inst. Wash. Publ. 301:83 (♂♀). Type-loc: White Plains, New York, USA.

kepulauana Wheeler.—Borneo (Brunei), Philippines [Palawan].

1969, Univ. Texas Publ. 6918:219 (♂♀). Type-loc: Manilos, Belait District, Brunei, Borneo.

kohkoa Wheeler.—Borneo (Brunei, Sabah, Sarawak), Cambodia, Malaya, Philippines [Palawan], Singapore, Thailand.

1969, Univ. Texas Publ. 6918:217 (♂♀). Type-loc: Ari Ksatr, Cambodia.

kweichowensis Tan, Hsu, and Sheng.—China [Kweichow].

1949, Univ. Texas Publ. 4920:205 (♂♀). Type-loc: Meitan, China.

lacertosa Okada.—Formosa, India [Uttar Pradesh]; Japan, Korea.

1956, Syst. Study Drosophilidae Japan: 158 (♂♀). Type-loc: Hakomoriyama, Iwate Prefecture, Japan.

lineata van der Wulp.—Sumatra.

1881, Midden-Sumatra Exped. 4(9):57 (sex?). Type-loc: Sumatra.

lineolata de Meijere.—Formosa, Java.

1914, Tijdschr. Ent. 57:254 (sex?). Type-loc: Gunung Gedeh, Java.

lineosa (Walker).—Celebes, Formosa.

1859, J. Proc. Linn. Soc. Lond., Zool. 4:170 (♂♀; *Notiphila*). Type-loc: Makasar, Celebes.

lividinervis Duda.—Formosa.

1923, Annl's hist.-nat. Mus. natn. hung. 20:53 (♂♀). Type-loc: Fuhosho, Formosa.

lividipennis, error, Duda, 1924:216.

longifrons Duda.—Formosa.

1923, Annl's hist.-nat. Mus. natn. hung. 20:48 (♀). Type-loc: Chi-chi, Formosa.

- meitanensis** Tan, Hsu, and Sheng.—China [Kweichow].
1949, Univ. Texas Publ. 4920:204 (♂♀). Type-loc: Meitan, China.
- metallescens** Malloch.—Philippines [Luzon].
1934, Insects Samoa (6), Dipt. 8:312 (♂♀). Type-loc: Mount Makiling, Philippines.
- monochaeta** Sturtevant.—Philippines [Luzon].
1927, Philipp. J. Sci. 32:368 (sex?). Type-loc: Mount Makiling, Philippines.
- multistriata** Duda.—Formosa, Java, Philippines [Luzon], Sumatra.
1923, Annls hist.-nat. Mus. natn. hung. 20:57 (♂♀). Type-loc: Chi-chi, Formosa.
lineata de Meijere, 1911, Tijdschr. Ent. 54:420 (sex?; *Stegana*; preocc. van der Wulp). Type-loc: Gunung Pantjar, Java.
multistriata Sturtevant, 1927, Philipp. J. Sci. 32:365 (♀; *Zaprionus*, synonym of *lineosa* (Walker)?, = *Zaprionus plurilineata* Duda? C. W. Sabrosky, in litt.; Okada (1964:442) erroneously synonymized with *D. obscuricornis* (de Meijere). Type-loc: Mount Makiling, Philippines.
- mutandis** Tan, Hsu, and Sheng.—China [Kweichow].
1949, Univ. Texas Publ. 4920:198 (♂♀). Type-loc: Meitan, China.
- nasuta** Lamb.—?Ceylon, ?India, ?Nepal; Africa, Madagascar, Seychelles.
1914, Trans. Linn. Soc. Lond. (Zool.) 16:346 (♂♀). Type-locs: Mare aux Cochons; Mont Pot-à-cau; Mahe, Cascade Estate, Félicité, Seychelles.
- neohypocausta** Lin and Wheeler.—Formosa.
1973, in Lin and Tseng, Bull. Inst. zool. Acad. sin. 12:23 (♂♀). Type-loc: Chung-tou, I-Lan, Formosa.
- neonasuta** Sajjan and Krishnamurthy.—India [Mysore].
1973, Orient. Insects 7:267 (♂♀). Type-loc: Mysore, India.
- nigrodigita** (Lin and Ting).—Formosa.
1971, Bull. Inst. Zool. Acad. sin. 10:20 (♂♀; as *Zaprionus nigrodigitus*). Type-loc: Chitou, Formosa.
- nixifrons** Tan, Hsu, and Sheng.—China [Kweichow].
1949, Univ. Texas. Publ. 4920:202 (♂♀). Type-loc: Meitan, China.
- notostriata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:107 (♂). Type-loc: Sangu, Taplejung District, Nepal.
- obscurata** de Meijere.—Formosa, Java.
1911, Tijdschr. Ent. 54:410 (sex?). Type-loc: Wonosobo, Java.
- obscuricornis** (de Meijere).—Borneo (Brunci, Sabah, Sarawak), Celebes, Java, Sumatra.

- 1915, Tijdschr. Ent. 58 (Suppl.): 94 (sex?; *Stegana*). Type-loc: Fort de Kock, Sumatra.
- orissaensis** Gupta.—India [Orissa].
1972, Orient. Insects 6:561 (♂♀). Type-loc: Jatili nr Padmapur, Berhampur District, Orissa, India.
- pararubida** Mather.—Borneo (Sabah), Philippines [Luzon, Cebu]; New Guinea.
1961, Univ. Qd Pap. 1:251 (♂♀). Type-loc: Sogere, Port Moresby, New Guinea.
- parasignata** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):92 (♂). Type-loc: Silau Silau Trail, Mount Kinabalu, Borneo.
- pentaspina** Parshad and Duggal.—India [Kashmir].
1966, Bull. Panjab Univ. 17:289 (♂). Type-loc: Srinagar, India.
- pentastrata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:109 (♂). Type-loc: Sangu, Taplejung District, Nepal.
- pulaua** Wheeler.—Borneo (Brunei, Sarawak).
1969, in Wilson, et al., Univ. Texas Publ. 6918:218 (♂♀). Type-loc: Semongok Forest Reserve, 12.5 mi N of Kuching, Sarawak.
- pullata** Tan, Hsu, and Sheng.—China [Chekiang].
1949, Univ. Texas Publ. 4920:200 (♂♀). Type-loc: Hangchow, China.
- quadrilineata** de Meijere.—Borneo (Sarawak), Ceylon, Formosa, India [Bihar, W Bengal], Java, Malaya, Philippines [Luzon], Ryukyu Islands (Amami, Yacayama), Singapore, Sumatra, Thailand, Viet Nam; Micronesia.
1911, Tijdschr. Ent. 54:396 (sex?). Type-loc: Semarang, Java.
- quinquestriata** Lin and Wheeler.—Formosa.
1973, in Lin and Tseng, Bull. Inst. Zool. Acad. sin. 12:21 (♂♀). Type-loc: Alishan, Formosa.
- repleta** Wollaston.—Borneo (Sarawak), Ceylon, Formosa, India [Maharashtra, Mysore, W Bengal], Java, Ryukyu Islands (Amami, Okinawa, Yacayama), Sumatra; Africa, Australia, Europe, Japan, Korea, Nearctic, Neotropical.
1858, Ann. Mag. nat. Hist. (3)1:117 (sex?). Type-loc: Madeira proper, Africa.
- nigropunctata* van der Wulp, 1892, Tijdschr. Ent. 34:216 (♂). Type-loc: Java.
maculiventris van der Wulp, 1897, Természetr. Füzet. 20:142 (♂). Type-loc: Kekirawa, Ceylon.
- ruberrima** de Meijere.—Formosa, Hong Kong, Java, Sumatra.
1911, Tijdschr. Ent. 54:403 (sex?). Type-loc: De Pok, Java.
- rubra** Sturtevant.—Philippines [Luzon].
1927, Philipp. J. Sci. 32:369 (♂). Type-loc: Mount Makiling, Luzon, Philippines.

- setifemur** Malloch.—Borneo (Sabah), Philippines [Cebu]; Australia, New Guinea.
1924, Proc. Linn. Soc. N.S.W. 49:351 (♀). Type-loc: Sydney, Australia.
- signata** Duda.—Borneo (Brunei), Formosa.
1923, Anns hist.-nat. Mus. natn. hung. 20:48 (♀). Type-loc: Chi-chi, Formosa.
- silvata** de Meijere.—Formosa, Java, Sumatra.
1916, Tijdschr. Ent. 59:206 (sex?). Type-loc: Tjibodas, Java.
- singularis** Duda.—Formosa.
1924, Arch. Naturgesch. 90A(3):220, 249 (♂); 1923:56 (*Nomen nudum*).
Type-locs: Chi-chi and Chi-tou, Formosa.
- solennis** Walker.—Celebes.
1860, J. Proc. Linn. Soc. Lond., Zool. 4:168 (♂). Type-loc: Makasar, Celebes.
- subfasciata** de Meijere.—Java.
1914, Tijdschr. Ent. 57:257 (sex?). Type-loc: Nangkodjadjar, Java.
- sui** Lin and Tseng.—Formosa.
1973, Bull. Inst. zool. Acad. sin. 12:19 (♂♀). Type-loc: Fonglin, Hwalien, Formosa.
- sulfurigaster** Duda.—Borneo (Brunei, Sabah, Sarawak), Cambodia, Ceylon, Malaya, Philippines [Luzon, Palawan], Singapore, Sumatra, Thailand; Australia, Fiji, Guam, Hawaii, Moluccas [Buru], New Guinea, Polynesia, Samoa.
1923, Anns hist.-nat. Mus. natn. hung. 20:48 (♂). Type-locs: Madang and Friedrich-Wilhelmshafen, New Guinea.
albovittata Duda, 1926, Supplta ent. 26:87 (incorrect emendation of *sulfurigaster*).
- ssp. **albostrigata** Wheeler.—Borneo (Sarawak).
1969, in Wilson, et al., Univ. Texas Publ. 6918:217 (♂♀). Type-loc: Sarawak, Borneo.
- synpanishi** Okada.—Borneo (Brunei).
1964, Nature and Life S.E. Asia, 3:460 (♂♀). Type-loc: Amo, Brunei, Borneo.
- taipinsanensis** Lin and Tseng.—Formosa.
1973, Bull. Inst. zool. Acad. sin. 12:16 (♂♀). Type-loc: Tuchang, I-Lan, Formosa.
- tenuicauda** Okada.—Ryukyu Islands (Yacyama); Japan, Korea.
1956, Syst. Study Drosophilidae Japan: 141 (♂♀). Type-loc: Attoko, Hokkaido, Japan.
- testacea** ²¹⁴van Roser.—India [Kashmir]; Europe, Japan, Korea.
1840, Württemb. Corbl.: 62 (sex?). Type-loc: Württemberg, Germany.

- tetrachaeta** Angus.—Borneo (Sabah); New Guinea.
1964, Univ. Qd Pap. 2:156 (♂♀). Type-loc: Bulolo, New Guinea.
- tongpua** Lin and Tseng.—Formosa.
1973, Bull. Inst. zool. Acad. sin. 12:18 (♂♀). Type-loc: Tong-pu, Nan-Tou, Formosa.
- transversa** Fallén.—Not Oriental. Record from S China by Tan, Hsu, and Sheng (1949:198) may refer to another species.
- trisetosa** Okada.—India [Uttar Pradesh], Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:99 (♂♀). Type-loc: Arun Valley, below Tumlingtar, Nepal.
- trizonata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:97 (♂♀). Type-loc: Above Sangu, Taplejung District, Nepal.
- tumiditarsus** Tan, Hsu, and Sheng.—China [Chekiang, Kwangtung, Kweichow]; Japan.
1949, Univ. Texas Publ. 4920:205 (♂♀). Type-locs: Meitan, Liuchow, and Hangchow, China.
- ustulata** de Meijere.—Borneo (Sabah), Java, Sumatra.
1908, Tijdschr. Ent. 51:157 (sex?). Type-loc: Java.
- virilis** Sturtevant.—China [Chekiang, Kwangtung, Kweichow], Ryukyu Islands (Okinawa); Hawaii, Japan, Korea, Nearctic, Neotropical, Sakhalin.
1916, Ann. ent. Soc. Am. 9:330 (♂♀). Type-loc: New York, N.Y., U.S.A.
- xanthogaster** Duda.—Formosa, Sumatra.
1924, Arch. Naturgesch. 90A(3):217, 248 (♂♀). Type-locs: Chi-tou, Formosa; Suban Ajam, Sumatra.

Subgenus HIRTODROSOPHILA Duda

- Drosophila*, subg. **Hirtodrosophila** Duda, 1924, Arch. Naturgesch. 90A(3):203. Type-species, *latifrontata* Frota-Pessoa, by designation of Frota-Pessoa (1945:471), = *carinata* Duda 1923.
- Drosophila*, subg. *Dasydrosophila* Duda, 1925, Anns hist.-nat. Mus. natn. hung. 22:193. Type-species, *hirticornis* de Meijere, by designation of Duda (1927:109).
References: Okada 1967 (rev. Old World spp.); Bächli 1973b rev. (Duda's SE Asian spp.).
- astioidea** Duda.—?Formosa, Sumatra; ?New Guinea.
1923, Anns hist.-nat. Mus. natn. hung. 20:42 (♀). Type-loc: Fort de Kock, Sumatra (neotype ♂ designated by Bächli 1973b:304).
- audientis** Lin and Ting.—Formosa.
1971, Bull. Inst. Zool. Acad. sin. 10:26 (♂♀). Type-loc: Chitou, Formosa.

- dentata** Duda.—Formosa, Sumatra.
1924, Arch. Naturgesch. 90A(3):205, 242 (sex?). Type-loc: Fort de Kock, Sumatra (neotype ♂ designated by Bächli 1973b:286).
- minuta** Duda, 1926, Supplta ent. 14:70 (♂♀; as var.). Type-loc: Fort de Kock, Sumatra.
- scutellata** Duda, 1926, Supplta ent. 14:70 (♂♀; as var.). Type-loc: Fort de Kock, Sumatra.
- fascipennis** Okada.—Formosa, Japan.
1967, Mushi 41:8 (♂♀). Type-loc: Kofu, Japan.
- hirticornis** de Meijere.—Java, Sumatra.
1914, Tijdschr. Ent. 57:261 (sex?). Type-locs: Gunung Ungaran and Nongkodjadar, Java.
- hirtinokogiri** Okada.—Borneo (Sabah), Ryukyu Islands (Yaeyama).
1967, Mushi 41:18 (♂♀). Type-loc: Komi, Irimote Island, Yaeyama, Ryukyu Islands.
- hirtominuta** Bächli.—Java, Sumatra.
1973, Mitt. zool. Mus. Berl. 49:288 (n. name for *dentata* var. *minuta* Duda).
minuta Duda, 1926, Supplta ent. 14:70 (♂♀; as *dentata* var.; preocc. Walker 1852). Type-loc: Fort de Kock, Sumatra.
- hirtonigra** Bächli.—Formosa, Sumatra.
1973, Mitt. zool. Mus. Berl. 49:301 (n. name for *latifrons* var. *nigra* Duda).
nigra Duda, 1926, Supplta ent. 14:68 (♂♀; as *latifrons* var.; preocc. Grimshaw 1901). Type-loc: Fort de Kock, Sumatra.
- isatoidea** Bächli.—Sumatra.
1973, Mitt. zool. Mus. Berl. 49:305 (♂♀). Type-loc: Fort de Kock, Sumatra.
- jacobsoni** Duda.—Sumatra.
1926, Supplta ent. 14:66 (♂♀; as *latifrons* var.). Type-loc: Fort de Kock, Sumatra.
- latifrontata** Frota-Pessoa.—Formosa, Philippines [Luzon], Sumatra; Japan.
1945, Revta bras. Biol. 5:480 (n. name for *latifrons* Duda).
carinata Duda, 1923, Anns hist.-nat. Mus. natn. hung. 20:41 (♂♀; preocc. Grimshaw 1901). Type-loc: Kuo-shing-pu, Formosa.
latifrons Duda, 1926, Supplta ent. 14:66 (preocc. Adams 1905; n. name for *carinata* Duda).
- limbicostata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:79 (♀). Type-loc: Between Sang and Tamrang, Taplejung District, Nepal.
- longecrinita** Duda.—Formosa, Java, Philippines [Panay], ?Ryukyu Islands (Yaeyama); New Guinea.
1924, Arch. Naturgesch. 90A(3):204, 242 (♂♀); 1923:42 (*Nomen nudum*).
Type-locs: Paroe and Chi-tou, Formosa.

- curvinervis* Duda, 1924, Arch. Naturgesch. 90A(3):204 (sex?; as var.). Type-loc: Formosa, New Guinea.
- longetrinica** Bächli.—Formosa.
1973, Mitt. zool. Mus. Berl. 49:283 (♂♀). Type-loc: Kuo-shing-pu (Kosempo), Formosa.
- manonoensis** Harrison.—Sumatra; Micronesia, Samoa.
1954, Trans. ent. Soc. Lond. 105:101 (♂). Type-loc: Manono Island, Samoa.
- menisigra** Bächli.—Sumatra.
1973, Mitt. zool. Mus. Berl. 49:309 (♂♀). Type-loc: Fort de Kock, Sumatra.
- nudinokogiri** Okada.—Ryukyu Islands (Yaeyama); Japan.
1967, Mushi 41:17 (♂♀). Type-loc: Komi, Iriomote Island, Yaeyama, Ryukyu Islands.
- paradentata** Bächli.—Sumatra.
1973, Mitt. zool. Mus. Berl. 49:286 (♂♀). Type-loc: Fort de Kock, Sumatra.
- paradenticeps** Okada.—Formosa.
1971, Bull. biogeogr. Soc. Japan 26:31 (♂♀). Type-loc: Alishan, Formosa.
- paralatifrontata** Bächli.—Formosa, Ryukyu Islands (Yaeyama).
1973, Mitt. zool. Mus. Berl. 49:294 (♂♀). Type-loc: Fuhosho, Formosa.
- pentavittata** Gupta and Ray-Chaudhuri.—India [W Bengal].
1970, Proc. R. ent. Soc. Lond. (B) 39:61 (♂♀). Type-loc: Digha sea-beach, Midnapore District, W Bengal, India.
- pocilogastra** Duda.—Sumatra.
1926, Supplta ent. 14:69 (♂♀; as *latifrons* var.). Type-loc: Fort de Kock, Sumatra.
- scutellata** Duda.—Sumatra.
1926, Supplta ent. 14:70 (♂♀; as *dentata* var.). Type-loc: Fort de Kock, Sumatra.
- seminigra** Duda.—Ceylon, Ryukyu Islands (Yaeyama), Sumatra; New Guinea, Samoa.
1926, Supplta ent. 14:70 (♂♀; as *latifrons* var.). Type-loc: Fort de Kock, Sumatra.
- seminokogiri** Okada.—Ryukyu Islands (Yaeyama).
1967, Mushi 41:19 (♂♀). Type-loc: Komi, Iriomote Island, Yaeyama, Ryukyu Islands.
- sublineata** Duda.—Sumatra.
1926, Supplta ent. 14:69 (♂♀; as *latifrons* var.). Type-loc: Fort de Kock, Sumatra (lectotype ♂ designated by Bächli 1973b:299).

trapezina Duda.—Formosa.

1923, Anns hist.-nat. Mus. natn. hung. 20:41 (♂♀). Type-loc: Kuo-shing-pu (Kosempo), Formosa (lectotype ♂ designated by Bächli 1973b: 280).

trifasciata de Meijere.—Java.

1916, Tijdschr. Ent. 49:206 (sex?). Type-loc: Tjibodas, Java.

tripartita Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:78 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.

trivittata Strobl.—Ceylon, Formosa, Jāva, Ryukyu Islands (Okinawa); Europe, Japan, Korea, Siberia.

1893, Wien. ent. Ztg 12:282 (♀). Type-loc: Admont, Styria, Austria.

unicolorata Wheeler.—Ryukyu Islands (Yaeyama); Samoa.

1959, Univ. Texas Publ. 5914:183 (n. name for *unicolor* Malloch).

unicolor Malloch, 1934, Insectis Samoa (6) Dipt. 8:293 (♂; preocc. by Walker 1864). Type-loc: Malololei, Upolu, Samoa.

ssp. **exilis** Okada.—Ryukyu Islands (Yaeyama).

1967, Mushi 41:25 (♂♀). Type-loc: Komi, Iriomote Island, Yaeyama, Ryukyu Islands.

Subgenus LORDIPHOSA Basden

Drosophila, subg. **Lordiphosa** Basden, 1961, Beitr. Ent. 11:186. Type-species, *fenestrarum* Fallén, by original designation.

fenestrarum Fallén.—Sumatra; Europe.

1823, Geomyzides Sveciae: 6 (♂♀). Type-loc: Sweden.

ssp. **hirsuta** Duda.—Sumatra.

1926, Supplta ent. 14:97 (sex?). Type-loc: Fort de Kock, Sumatra.

Subgenus MACROPALPUS Duda

Drosophila, subg. **Macropalpus** Duda, 1926, Supplta ent. 14:63. Type-species, *senilis* Duda, by monotypy.

senilis Duda.—Java, Sumatra.

1926, Supplta ent. 14:91 (♂♀). Type-loc: Fort de Kock, Sumatra.

Subgenus PHLORIDOSA Sturtevant

Drosophila, subg. **Phloridosa** Sturtevant, 1942, Univ. Texas Publ. 4213:28.

Type-species, *floricola* Sturtevant, by original designation.

floricola Sturtevant.—Not Oriental.

nigrovesca Lin and Ting.—Formosa.

1971, Bull. Inst. Zool. Acad. sin. 10:25 (♂♀; as *nigrovescum*). Type-loc: Chi-tou, Formosa.

Subgenus PSILODORHA Okada

Drosophila, subg. **Psilodorha** Okada, 1968, Kontyû 36:334. Type-species, *ancora* Okada, by original designation.

ancora Okada.—Ryukyu Islands (Yaeyama).

1968, Kontyû 36:334 (♂). Type-loc: Komi, Iriomote Island, Yaeyama, Ryukyu Islands.

toyohii Lin and Tseng.—Formosa.

1972, Bull. Inst. Zool. Acad. sin. 11:9(♀). Type-loc: Chi-tou, Nan-Tou, Formosa.

Subgenus PUGIODROSOPHILA Duda

Drosophila, subg. **Pugiodrosophila** Duda, 1924, Arch. Naturgesch. 90A(3):203. Type-species, *pugionota* de Meijere, by monotypy.

pugionota de Meijere.—Simeuluë Island; W Africa (Ivory Coast).

1915, Tijdschr. Ent. 58 (Suppl.): 56 (♂♀; as *pugionata*). Type-loc: Sinabang, Simalur, Sumatra.

Subgenus SCAPTODROSOPHILA Duda

Drosophila, subg. **Scaptodrosophila** Duda, 1923, Anns hist.-nat. Mus. natn. hung. 20:37. Type-species, *scaptomyzoidea* Duda, by monotypy.

Drosophila, subg. *Pholadoris* Sturtevant, 1942, Univ. Texas Publ. 4213:28. Type-species, *victoria* Sturtevant, by original designation.

acuta Sturtevant.—Philippines [Luzon].

1927, Philipp. J. Sci. 32:370 (♀). Type-loc: Mount Makiling, Luzon, Philippines.

albolimbata Duda.—Sumatra.

1924, Arch. Naturgesch. 90A(3):216, 256 (♂♀). Type-loc: Suban Ajam, Sumatra.

alternata de Meijere.—Formosa, Java, Nepal, Sumatra.

1911, Tijdschr. Ent. 54:402 (sex?). Type-loc: Gunung Ungaran, Java.

angusta de Meijere.—Malaya, Simeuluë Island.

1915, Tijdschr. Ent. 58 (Suppl.): 57 (sex?). Type-loc: Sinabang, Simalur.

bambuphila Gupta.—India [Orissa, Uttar Pradesh].

1971, Am. Midl. Nat. 86:494 (♂♀). Type-loc: Varanasi, India.

brunnea de Meijere.—Borneo (Sarawak), China [Kwangtung], Formosa, Java, Nepal, Ryukyu Islands (Yacayama), Sumatra; Japan, W Africa (Ivory Coast).

1911, Tijdschr. Ent. 54:401 (sex?). Type-locs: Batavia (Djakarta); Wonosobo, Java.

scutellimargo Duda, 1924, Arch. Naturgesch. 90A(3):206, 243 (♂♀); 1923:43 (*Nomen nudum*). Type-loc: Kuo-shing-pu (Kosempo), Chi-tou, Formosa.

bryani Malloch.—India [Uttar Pradesh], Java, Ryukyu Islands (Amami, Okinawa, Yacayama); Sumatra; Micronesia, Samoa.

1934, Insects Samoa (6), Dipt. 8:310 (♂♀). Type-loc: Savali, Tutuila, Tau, Samoa.

kitazawai Okada, 1964, Kontyû 32:109 (♂♀). Type-loc: Nase, Amami, Ryukyu Islands.

chandraprabhiana Gupta and Ray-Chaudhuri.—India [Madhya Pradesh, Mysore, Uttar Pradesh].

1970, Proc. R. ent. Soc. Lond. (B) 39:62 (♂♀). Type-loc: Chandra-prabha, Chakia forest, Varanasi, India.

clunicrus Duda.—Formosa.

1923, Anns hist.-nat. Mus. natn. hung. 20:51 (♂♀). Type-loc: Ta-ping-ling, Formosa.

coracina Kikkawa and Peng.—Borneo (Sabah), China [Chekiang, Kweichow], Ryukyu Islands (Amami); Japan, Korea.

1938, Jap. J. Zool. 7:523 (♂♀). Type-loc: Shimoda, Japan.

divergens Duda.—Formosa.

1924, Arch. Naturgesch. 90A(3):190, 240 (sex?). Type-loc: Tao-yuan, Tai-nan, Formosa.

dorsata Duda.—Formosa, Ryukyu Islands (Amami), Viet Nam.

1924, Arch. Naturgesch. 90A(3):207, 248 (♂♀); 1923:56 (*nomen nudum*). Type-locs: Paroc, Formosa; Viet Nam.

dorsocentralis Okada.—Ryukyu Islands (Okinawa, Yacayama).

1965, Kontyû 33:342 (♂♀). Type-loc: Yona, Okinawa, Ryukyu Islands.

ebonata Parshad and Duggal.—India [Kashmir].

1966, Res. Bull. Panjab Univ. (n. Ser.). 17:279 (♂♀). Type-loc: Pahal-gam, India.

inconspicua de Meijere.—Java.

1914, Tijdschr. Ent. 57:262 (sex?). Type-loc: Nongkodjadjar, Java.

lateralis Walker.—Celebes.

1860, J. Proc. Linn. Soc. Lond., Zool. 4:169 (♂). Type-loc: Makasar, Celebes.

latifascia de Meijere.—Java.

1914, Tijdschr. Ent. 57:261 (sex?). Type-loc: Salatiga, Java.

latifshahi Gupta and Ray-Chaudhuri.—India [Madhya Pradesh, Maharashtra, Uttar Pradesh].

1970, Proc. R. ent. Soc. Lond. (B) 39:67 (♂♀). Type-loc: Chandraprabha, Latifshah, Chakia Forest, Varanasi, India.

lugens Duda.—Sumatra.

1926, Supplta ent. 14:76 (♂). Type-loc: Fort de Kock, Sumatra.

lurida Walker.—Celebes, Java, Philippines [Luzon], Singapore, Sumatra; New Guinea.

1860, J. Proc. Linn. Soc. Lond., Zool., 4:169 (♂). Type-loc: Makasar, Celèbes.

punctipennis van der Wulp, 1881, Midden-Sumatra Exped., Dipt.: 56 (♀).
Type-loc: Soepajang, Sumatra.

marginata Duda.—Formosa, Nepal.

1924, Arch. Naturgesch. 90A(3):209, 244 (♂); 1923:46 (*nomen nudum*).
Type-locs: Kao-hsing and Paroc, Formosa.

meijerei Wheeler.—Java.

1959, Univ. Texas Publ. 5914:183 (n. name for *nigricolor* de Meijere).

nigricolor de Meijere, 1911, Tijdschr. Ent. 54:399 (preocc. Strobl 1898; n. name for *nigra* de Meijere).

nigra de Meijere, 1908, Tijdschr. Ent. 51:153 (preocc. by Grimshaw 1901),
Type-loc: Semarang, Java.

minima Okada.—Formosa, India, Nepal, Ryukyu Islands (Yaeyama).

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:69 (♂♀). Type-loc: Arun Valley, E shore of River Arun, below Tumlingtar, Nepal.

novoguineensis Duda.—Formosa, Sumatra; Moluccas [Buru], New Guinea.

1923, Annls hist.-nat. Mus. natn. hung. 20:46 (♂♀). Type-locs: Simbang, Huon Gulf, New Guinea; Kao-hsiung, Formosa.

oralis Duda.—Formosa.

1923, Annls hist.-nat. Mus. natn. hung. 20:44 (♂♀). Type-loc: Hengchun, Formosa.

paratriangulata Gupta and Ray-Chaudhuri.—India [Madhya Pradesh, Maharashtra, Uttar Pradesh].

1970, Proc. R. ent. Soc. Lond. (B) 39:66 (♂♀). Type-locs: Chandraprabha, Chakia Forest, Varanasi, Sirsi, and Mirzapur, India.

pilicrus Duda.—Nepal, Sumatra.

1926, Supplta ent. 14:74 (♂♀). Type-loc: Fort de Kock, Sumatra.

pilopalpus Lin and Ting.—Formosa.

1971, Bull. Inst. Zool. Acad. sin. 10:28 (♂♀). Type-loc: Yun-shui, Formosa.

- pumilio** de Meijere.—Java, Malaya, Sumatra; Moluccas.
1908, Tijdschr. Ent. 51:153 (sex?). Type-loc: Semarang, Java.
- quadriradiata** Duda.—Java; New Guinea.
1923, Annls hist.-nat. Mus. natn. hung. 20:46 (♂♀). Type-locs: Semarang, Java; New Guinea.
- scaptomyzoidea** Duda.—Java, Singapore, Sumatra; Micronesia, New Guinea.
1923, Annls hist.-nat. Mus. natn. hung. 10:37 (♂). Type-loc: Friedrich-Wilhelmshafen, New Guinea.
- silvalineata** Gupta and Ray-Chaudhuri.—India [Uttar Pradesh].
1970, Proc. R. ent. Soc. Lond. (B)39:64 (♂♀). Type-loc: Chandraprabha, Chakia Forest, Varanasi, India.
- simplex** de Meijere.—Formosa, Java, Singapore, Sumatra.
1914, Tijdschr. Ent. 57:266 (sex?). Type-locs: Salatiga, Wonosobo, and Nongkodjadjar, Java.
- strigifrons** de Meijere.—Java.
1914, Tijdschr. Ent. 57:264 (sex?). Type-loc: Nongkodjadjar, Java.
- subacuticornis** Duda.—Formosa.
1924, Arch. Naturgesch. 90A(3):207, 244 (♂). Type-loc: Peitou, Formosa.
- subtilis** Kikkawa and Peng.—China [Kweichow]; Japan.
1938, Jap. J. Zool. 7:541 (♂♀; subg. *Drosophila*). Type-locs: Gotemba, Shimoda, Kyoto, and Kobe, Japan. **N. comb.**
- sumatrensis** Duda.—Sumatra.
1926, Supplta ent. 14:79 (♂♀). Type-loc: Fort de Kock, Sumatra.
- triseta** de Meijere.—Java, Sumatra.
1911, Tijdschr. Ent. 54:402 (sex?). Type-locs: Depok and Salatiga, Java.

Subgenus SOPHOPHORA Sturtevant

- Drosophila*, subg. **Sophophora** Sturtevant, 1939, Proc. natn. Acad. Sci. 25:139.
Type-species, *melanogaster* Meigen, by original designation.
Reference: Bock and Wheeler 1972 (rev. *melanogaster* group).
- ananassae** Doleschall.—Andaman Islands, Borneo (Sabah, Sarawak), Celebes, Ceylon, Formosa, India [Assam, Bihar, Kashmir, Madras, Maharashtra, Mysore, Orissa, Punjab, Rajasthan, Uttar Pradesh, W Bengal], Java, Malaya, Ryukyu Islands (Amami, Okinawa, Yacyama), Singapore, Sumatra, Thailand, Viet Nam; Cosmopolitan, Moluccas.
1858, Natuurk. Tijdschr. Ned.-Indië 17:128 (sex?). Type-loc: Amboina, Moluccas.

- andamanensis** Gupta and Ray-Chaudhuri.—Andaman Islands, Nicobar Islands.
1970, *Orient Insects* 4:171 (♂♀). Type-loc: Port Blair, S Andaman.
- angusi** Okada (for *coei* Okada).—Nepal. **N. name.**
coei Okada, 1966, *Bull. Br. Mus. nat. Hist. Ent. Suppl.* 6:82 (♂♀; preocc.
Okada, 1966:57). Type-loc: Between Sang and Tamrang, Taplejung
District, Nepal.
- anomelani** Reddy and Krishnamurthy.—India [Madras, Mysore].
1973, *Orient. Insects* 7:259 (♂♀). Type-loc: Mecrupalyam, Nilgiris,
Madras, India.
- apectinata** Duda.—Java.
1931, *Arch. Hydrobiol. (Suppl.)* 9:194 (♂). Type-loc: "See Bedali,"
Java.
- asahinai** Okada.—Formosa, Ryukyu Islands (Amami, Yaeyama).
1964, *Kontyû* 32:111 (♂♀). Type-loc: Kametsu, Tokunoshima, Amami,
Ryukyu Islands.
- atripex** Bock and Wheeler.—Borneo, Celebes, Philippines [Luzon], Thailand.
1972, *Univ. Texas Publ.* 7213:42 (♂♀). Type-loc: Laguna, Luzon,
Philippines.
- auraria** Peng.—China [Chekiang, Kiangsi, Kwangtung]; Japan, Korea.
1937, *Annot. zool. jap.* 16:23 (♂♀). Type-locs: Nanchang, Sanhu, and
Ningpo, China.
- baimaii** Bock and Wheeler.—Java, Malaya, Thailand.
1972, *Univ. Texas Publ.* 7213:70 (♂♀). Type-loc: Khao Yai, Thailand.
- barbarae** Bock and Wheeler.—Borneo (Brunei, Sabah), Malaya, Philippines
[Luzon], Thailand.
1972, *Univ. Texas Publ.* 7213:62 (♂♀). Type-loc: Bon Chakkrarat,
Thailand.
- biarmipes** Malloch.—India [Madras, Maharashtra].
1924, *Mem. Dep. Agric. India (ent. Ser.)* 8:64 (♂♀). Type-loc: Coim-
batore, India (ex fruits of *Melia azadirachta* Linnæus).
- bicornuta** Bock and Wheeler.—Borneo, Java, Malaya, Philippines [Luzon],
Singapore, Sumatra, Thailand.
1972, *Univ. Texas Publ.* 7213:67 (♂♀). Type-loc: Los Baños, Luzon,
Philippines.
- bifasciata** Pomini.—India [Kashmir, Punjab]; Europe, Japan, Korea.
1940, *Boll. Ent. R. Univ. Bologna* 12:155 (♂♀; as *bilineata* error; as
bifasciata in key, p. 163). Type-loc: Piave, Italy.
- bipectinata** Duda.—Borneo (Brunei, Sabah, Sarawak), Cambodia, Celebes,
Ceylon, Formosa, India [Assam, Bihar, Maharashtra, Manipur, Orissa, Uttar
Pradesh, W Bengal], Java, Malaya, Nepal, Pakistan, Philippines [Luzon,
Palawan, Bukidnon, Mindanao, Sulu], Ryukyu Islands (Amami, Okinawa,

- Yaeyama), Singapore, Sumatra, Thailand; Fiji, Micronesia, New Guinea, Samoa.
1923, *Annls hist.-nat. Mus. natn. hung.* 20:52 (♂♀). Type-loc: Matheran, India.
- brunetti** Chaudhuri and Mukherjee.—India [W Bengal].
1941, *Indian J. Ent.* 3:216 (♂♀). Type-loc: Calcutta, India.
- coonorensis** Reddy and Krishnamurthy.—India [Madras].
1973, *Orient. Insects* 7:262 (♂♀). Type-loc: Coonor, Nilgiris, Madras, India. Possibly synonym of *hopaloe* Bock and Wheeler.
- cornixa** Takada, Momma, and Shima.—Borneo (Sabah).
1973, *J. Fac. Sci. Hokkaido Univ.* (6) Zool. 19(1):79 (♂). Type-loc: Silau Silau Trail, Mount Kinabalu, Borneo.
- denticulata** Bock and Wheeler.—Philippines [Luzon]; Australia, New Guinea.
1972, *Univ. Texas Publ.* 7213:29 (♂♀). Type-loc: Popondetta, New Guinea.
- dominicana** Ayala.—Borneo (Sabah); New Guinea.
1965, *Pacif. Insects* 7:621 (♂♀). Type-loc: Madang, New Guinea.
- elegans** Bock and Wheeler.—Philippines [Luzon].
1972, *Univ. Texas Publ.* 7213:28 (♂♀). Type-loc: Baguio City, Luzon, Philippines.
- epiobscura** Parshad and Duggal.—India [Kashmir].
1966, *Res. Bull. Panjab Univ.* (n. Ser.). 17:282 (♂). Type-loc: Pahalgam, India.
- eugracilis** Bock and Wheeler.—Andaman Islands, Borneo (Brunei, Sabah, Sarawak), Cambodia, Celebes, Ceylon, Formosa, India [Manipur, Orissa, Uttar Pradesh], Java, Malaya, Philippines [Luzon], Singapore, Sumatra, Thailand; Australia, New Guinea.
1972, *Univ. Texas Publ.* 7213:31 (♂♀; n. name for *gracilis* Duda).
gracilis Duda, 1924, *Arch. Naturgesch.* 90A(3):192, 215, 253 (♂; *Drosophila*, subg. *Tanyastrella*; preocc. by Walker 1853).
- exiguitata** Takada, Momma, and Shima.—Borneo (Sabah).
1973, *J. Fac. Sci. Hokkaido Univ.* (6) Zool. 19(1):79 (♂). Type-loc: Liwagu Cave, Mount Kinabalu, Borneo.
- ficuspila** Kikkawa and Peng.—Andaman Islands, Formosa, India [Orissa], Java, Nicobar Islands, Ryukyu Islands (Amami, Okinawa); Japan, Korea.
1938, *Jap. J. Zool.* 7:531 (♂♀). Type-locs: Kyoto, Kofu, and Katsuura, Japan.
- flavopleuralis** Takada, Momma, and Shima.—Borneo (Sabah).
1973, *J. Fac. Sci. Hokkaido Univ.* (6) Zool. 19(1):82 (♂). Type-loc: Silau Silau Trail, Mount Kinabalu, Borneo.

- fruhstorferi** Duda.—India [Darjeeling].
1924, Arch. Naturgesch. 90A(3):211, 218, 255 (♀; as *Fruhstorferi*). Type-loc: Darjeeling, India.
- helvetica** Burla.—India [Kashmir]; Europe, Japan.
1948, Revue suisse Zool. 55:276 (♂♀). Type-loc: Vitznau, Switzerland.
- illata** Walker.—Celebes.
1860, J. Proc. Linn. Soc. Lond., Zool. 4:168 (♀). Type-loc: Makasar, Celebes.
- immacularis** Okada.—Nepal.
1967, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:87 (♂). Type-loc: Between Sang and Tamrang, Taplejung District, Nepal.
- jambulina** Parshad and Paika.—Cambodia, Formosa, Hong Kong, India [Kashmir, Madhya Pradesh, Maharashtra, Mysore, Punjab], Java.
1964, Res. Bull. Panjab Univ. (n. Ser.) 15:240 (♂♀). Type-locs: Chandigarh and Malerkotla, India.
- kanapiae** Bock and Wheeler.—Philippines [Luzon].
1972, Univ. Texas Publ. 7213:74 (♂♀). Type-loc: Tagaytay, Luzon, Philippines.
- khaoyana** Bock and Wheeler.—Hong Kong, Thailand.
1972, Univ. Texas Publ. 7213:68 (♂♀). Type-loc: Khao Yai, Thailand.
- kikkawai** Burla.—Borneo (Brunei, Sabah, Sarawak), Ceylon, China [Chekiang, Kiangsi, Kwangsi, Kwangtung, Kweichow], Formosa, India [Bihar, Darjeeling, Kashmir, Madhya Pradesh, Madras, Maharashtra, Manipur, Orissa, Punjab, Uttar Pradesh, W Bengal], Java, Malaya, Nepal, Philippines [?Luzon]; Ryukyu Islands (Amami, Okinawa, Yaeyama), Sumatra; Thailand, Viet Nam; ?Africa, Fiji, Hawaii, Japan, Korea, Micronesia, Neotropical, New Guinea, Samoa.
1954, Revta Bras. Biol. 14:47 (♂♀). Type-loc: Rio de Janeiro, Brasil.
montium authors, not de Meijere.
- atrophyga* Duda, 1924, Arch. Naturgesch. 90A(3):215 (?♀; as *montium* var.).
Type-loc: ?Java.
- xanthopyga* Duda, 1924, Arch. Naturgesch. 90A(3):215 (?♀; as *montium* var.).
Type-loc: ?Java.
- kinabaluana** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):81 (♂). Type-loc: Kiau View Trail, Mount Kinabalu, Borneo.
- lacteicornis** Okada.—Ryukyu Islands (Okinawa, Yaeyama).
1965, Kontyû 33:347 (♂♀). Type-loc: Mount Omoto, Ishigaki Island, Yaeyama, Ryukyu Islands.
- lini** Bock and Wheeler.—Formosa.
1972, Univ. Texas Publ. 7213:59 (♂♀). Type-loc: Yun-shui, Formosa.

- longipectinata** Takada, Momma, and Shima.—Borneo.
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):82 (♂). Type-loc:
Silau Silau Trail, Mount Kinabalu, Borneo.
- lucipennis** Lin.—Formosa.
1972, in Bock and Wheeler, Univ. Texas Publ. 7213:23 (♂♀). Type-loc:
Chi-tou, Formosa.
- malerkotliana** Parshad and Paika.—Andaman Islands, Borneo (Brunçi, Sabah, Sarawak), Celebes, Ceylon, India [Assam, Bihar, Darjeeling, Madhya Pradesh, Maharashtra, Manipur, Mysore, Orissa, Punjab, Uttar Pradesh], Java, Malaya, Nicobar Islands, Philippines [Luzon, Palawan, Mindanao], Singapore, Sumatra, Thailand.
1964, Res. Bull. Panjab Univ. (n. Ser.) 15:235 (♂♀). Type-locs:
Chandigarh, Pinjore, and Malerkotla, India.
- ssp. **pallens** Bock and Wheeler.—Borneo (Sabah), Philippines.
1972, Univ. Texas Publ. 7213:48 (n. name for *pallida* Bock).
pallida Bock, 1971, Univ. Texas Publ. 7103:274 (♂♀; as ssp.; preocc. by Zetterstedt 1847). Type-loc: Sabah, Borneo.
- melanogaster** Meigen.—Borneo (Sabah), China [Chekiang, Hunan, Kiangsi, Kwangtung, Kweichow etc.], Formosa, India [Darjeeling, Kashmir, Madras, Maharashtra, Manipur, Mysore, Orissa, Uttar Pradesh, W Bengal], Java, Philippines, [Luzon], Ryukyu Islands (Amami, Okinawa, Yaeyama), Singapore, Sumatra, Thailand, Viet Nam; Cosmopolitan.
1830, Syst. Besch. europ. zweifl. Insekt. 6:85 (sex?). Type-locs: Kiel and Hamburg, Austria.
emulata Chaudhuri and Mukherjee, 1941, Indian J. Ent. 3:216 (♂♀). Type-loc: Calcutta, India.
nigriventris Macquart, 1843, Mém. Soc. Sci. Agric. Lille (1842); 416 (♂♀). Type-loc: Tonkin.
- mimetica** Bock and Wheeler.—Malaya, Singapore.
1972, Univ. Texas Publ. 7213:25 (♂♀). Type-loc: Area about 20 mi N of Kuala Lumpur, Malaya.
- montium** de Meijere.—Java.
1916, Tijdschr. Ent. 59:205 (♂). Type-loc: Tjibodas, Java.
- mysorensis** Reddy and Krishnamurthy.—India [Mysore].
1970, J. biol. Sci. 13:24 (♂♀). Type-loc: Mysore City, India.
- nepalensis** Okada.—Formosa, India [Kashmir, Manipur, Punjab, Uttar Pradesh], Nepal, Ryukyu Islands (Amami), Singapore, Thailand.
1955, Sci. jap. Exped. Nepal Himalaya 1:388 (♂). Type-loc: Kakani, Nepal.
- nigrialata** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):85 (♂). Type-loc: Kiau View Trail, Mount Kinabalu, Borneo.

- nigropleuralis** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):84 (♂). Type-loc:
Silau Silau Trail, Mount Kinabalu, Borneo.
- nipponica** Kikkawa and Peng.—Ryukyu Islands (Amami); Japan, Korea.
1938, Jap. J. Zool. 7:531 (♂♀). Type-loc: Ayabe, Japan.
- orosa** Bock and Wheeler.—Thailand.
1972, Univ. Texas Publ. 7213:64 (♂♀). Type-loc: Khao Yai, Thailand.
- pallidosa** Bock and Wheeler.—Borneo (Sabah); Fiji, Samoa.
1972, Univ. Texas Publ. 7213:38 (♂♀). Type-loc: Fiji.
- palmata** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):86 (♂♀). Type-loc:
Silau Silau Trail, Mount Kinabalu, Borneo.
- parabipectinata** Bock.—Borneo (Sabah, Sarawak), Cambodia, Celebes, Philip-
pines [Luzon, Palawan, Mindanao, Jolo], Thailand.
1971, Univ. Texas Publ. 7103:277 (♂♀). Type-loc: Khao Yai, Thailand.
- paralutea** Bock and Wheeler.—Borneo (Sabah), Thailand.
1972, Univ. Texas Publ. 7213:15 (♂♀). Type-loc: Khao Yai, Thailand.
- paraviaristata** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):87 (♂). Type-loc:
Liwagu Cave, Mount Kinabalu, Borneo.
- parvula** Bock and Wheeler.—Borneo (Sabah), Malaya, Thailand.
1972, Univ. Texas Publ. 7213:73 (♂♀). Type-loc: Area about 20 mi
N of Kuala Lumpur, Malaya.
- penicillipennis** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):87 (♂♀). Type-loc:
Liwagu Cave, Mount Kinabalu, Borneo.
- percirai** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):91 (♂). Type-loc:
Liwagu Cave, Mount Kinabalu, Borneo.
- prashadi** Brunetti.—India [W Bengal].
1923, Rec. Indian Mus. 25:303 (♂?♀). Reared in Zoological Survey of
India Laboratory, Indian Museum, Calcutta, India.
- prostipennis** Lin.—Formosa.
1972, in Bock and Wheeler, Univ. Texas Publ. 7213:19 (♂♀). Type-loc:
Wulai, Formosa.
- pseudoanassae** Bock.—Borneo (Brunei, Sabah, Sarawak), Celebes, India
[Mysore], Malaya, Philippines [Luzon, Palawan], Singapore, Thailand;
Australia, New Guinea.
1971, Univ. Texas Publ. 7103:274 (♂♀). Type-loc: Cairns, Australia.

- ssp. **nigrens** Bock and Wheeler.—Borneo (Sabah), Malaya.
1972, Univ. Texas Publ. 7213:48 (n. name for *nigra* Bock).
nigra Bock, 1971, Univ. Texas Publ. 7193:277 (♂♀; as ssp.; preocc. by
Grimshaw 1901). Type-loc: Sabah, Borneo.
- pseudobaimaii** Takada, Momma, and Shima.—Borneo (Sabah).
1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):89 (♂). Type-loc:
Silau Silau Trail, Mount Kinabalu, Borneo.
- pulchrella** Tan, Hsu, and Sheng.—China [Kweichow], Formosa, India
[Kashmir], Nepal, Ryukyu Islands (Okinawa); Japan.
1949, Univ. Texas Publ. 4920:198 (♂♀). Type-loc: Meitan, China.
- punjabicensis** Parshad and Paika.—India [Assam, Mysore, Punjab], Malaya,
Singapore, Thailand.
1964, Res. Bull. Panjab Univ. (n. Ser.) 15:241 (♂♀). Type-loc: Mysore,
India.
- quadraria** Bock and Wheeler.—Formosa.
1972, Univ. Texas Publ. 7213:55 (♂♀). Type-loc: Chi-tou, Formosa.
- quinqueannulata** Frey.—Ceylon.
1917, Öfvers Finska vet. Soc. Förh. 59A20:31 (sex?). Type-loc: Anura-
dhapura, Ceylon.
- rajasekari** Reddy and Krishnamurthy.—Cambodia, Ceylon, India [Mysore,
Uttar Pradesh, W Bengal], Thailand.
1968, Proc. Indian Acad. Sci. 68:202 (♂♀). Type-locs: Mysore City
and Hosa Agrahara, India.
raychaudhurii Gupta, 1969, Proc. zool. Soc. Calcutta 22:54 (♂♀). Type-loc:
Chakia Forest, Chandraprabha, Varanasi, India.
- rhopaloa** Bock and Wheeler.—Borneo (Sabah), Java, Thailand.
1972, Univ. Texas Publ. 7213:69 (♂♀). Type-loc: Khao Yai, Thailand.
- rufa** Kikkawa and Peng.—China [Chekiang, Kwangtung, Kweichow], India
[Kashmir, Punjab]; Japan, Korea.
1938, Jap. J. Zool. 7:529 (♂♀). Type-locs: Kofu, Kyoto, Ashiya, and
Oita, Japan.
- seguyi* Smart.—Not Oriental. Record from India by Gupta and Ray-Chaudhuri
(1970a:59) may refer to *D. jambulina* Parshad and Paika.
- semiatra** de Meijere.—Java, Sumatra.
1914, Tijdschr. Ent. 57:265 (sex?). Type-loc: Salatiga, Java.
- serrifrabella** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:84 (♂♀). Type-loc:
Between Sang and Tamrang, Taplejung District, Nepal.
- suzukii** (Matsumura).—China [Chekiang, Hunan, Kwangtung, Kweichow],
India [Kashmir, Punjab], Ryukyu Islands (Okinawa), Thailand; Japan, Korea.

- 1931, Illus. Insects jap. Emp.: 367 (♀; *Leucophenga*). Type-locs: Kyoto and Aomori, Japan.
- ssp. **indica** Parshad and Paika, 1964, Res. Bull. Panjab Univ. (n. Ser.) 15:230 (♂♀; as *incidus*). Type-loc: Chandigarh, Manimajra, India.
- takahashii** Sturtevant.—Borneo (Brunei, Sabah), China [Chekiang, Hupei, Kweichow], Formosa, India [Madhya Pradesh, Maharashtra, Manipur, Mysore, Punjab, Uttar Pradesh, W Bengal], Java, Malaya, Nepal, Philippines [Luzon], Ryukyu Islands (Amami, Okinawa, Yaeyama), Thailand; Japan, Korea, Manchuria, Micronesia.
- 1927, Philipp. J. Sci. 32:371 (♂). Type-loc: Taipei, Formosa.
- tanorum** Okada.—Borneo (Brunei, Sabah).
- 1964, Nature and Life S.E. Asia, 3:452 (♂). Type-loc: Amo, Brunei, Borneo.
- trapezifrons** Okada.—Formosa, Nepal.
- 1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:93 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.
- triauraria** Bock and Wheeler.—Ryukyu Islands (Amami); Japan, Korea.
- 1972, Univ. Texas Publ. 7213:54 (♂♀). Type-loc: Tokyo, Japan.
- trilutea** Bock and Wheeler.—Borneo (Sabah), Formosa.
- 1972, Univ. Texas Publ. 7213:17 (♂♀). Type-loc: Alishan, Formosa.
- tristipennis** Duda.—Formosa, India [Madras], Nepal.
- 1924, Arch. Naturgesch. 90A(3):215, 247 (♂♀). Type-locs: Taipei and Chi-Chi, Formosa.
- truncata** Okada.—Andaman Islands, Borneo (Brunei, Sabah), India [W Bengal].
- 1964, Nature and Life SE Asia 3:455 (♂). Type-loc: Amo, Brunei, Borneo.
- unipectinata** Duda.—Formosa; Japan, Korea.
- 1924, Arch. Naturgesch. 90A(3):215, 246 (♂♀). Type-locs: Peitou and Taipei, Formosa.
- varians** Bock and Wheeler.—Philippines [Luzon].
- 1972, Univ. Texas Publ. 7213:43 (♂♀). Type-loc: Los Baños, Luzon, Philippines.
- zonaria** Okada.—Nepal.
- 1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:83 (♂♀). Type-loc: Between Sang and Tamrang, Taplejung District, Nepal.

Subgenus Uncertain

- albincisa** de Meijere.—Java.
- 1911, Tijdschr. Ent. 54:409 (sex?). Type-loc: Batavia (Djakarta), Java.

albonotata de Meijere.—Java; New Guinea.

1911, Tijdschr. Ent. 54:408 (♂♀). Type-locs: Wonosobos and Semarang, Java.

striaticeps Duda, 1923, Annlş hist.-nat. Mus. natn. hung. 20:58 (♀). Type-loc: Yomba, New Guinea.

baseogrisea Duda.—Sumatra.

1924, Arch. Naturgesch. 90A(3):221, 257 (♀). Type-loc: Suban Ajam, Sumatra.

calceolata Duda.—Sumatra.

1926, Supplta ent. 14:105 (♂♀). Type-loc: Fort de Kock, Sumatra.

elongata Sturtevant.—Philippines [Luzon].

1927, Philipp. J. Sci. 32:372 (♂). Type-loc: Los Baños, Philippines.

hirtiscutellata Sturtevant.—Philippines [Luzon].

1927, Philipp. J. Sci. 32:372 (♂). Type-loc: Mount Makiling, Luzon, Philippines.

hypopygialis (Duda).—Sumatra.

1924, Arch. Naturgesch. 90A(3):192, 223, 254 (♂; *Tanygastrella*). Type-loc: Suban Ajam, Sumatra.

immatura Walker.—Loc.?

1849, List Dipt. Ins. 4:1108 (sex?). Type-loc: ?Possibly Oriental.

lamellitarsis Duda.—Malaya.

1936, Ann. Mag. nat. Hist. (10)18:350 (♂♀). Type-loc: Kuala Lumpur, Malaya. (ex fruits of *Psidium guava* Linnaeus).

longitarsis Duda.—Bali.

1931, Arch. Hydrobiol. Suppl. 9:195 (♂). Type-loc: Bali.

nigrofemorata Duda.—Sumatra.

1926, Supplta ent. 14:110 (♂♀). Type-loc: Fort de Kock, Sumatra.

nodosa Duda.—Sumatra.

1926, Supplta ent. 14:103 (♀). Type-loc: Fort de Kock, Sumatra.

ochrifrons Duda.—Sumatra.

1924, Arch. Naturgesch. 90A(3):223, 258 (♂♀). Type-loc: Fort de Kock, Sumatra.

paravibrissina Duda.—Formosa.

1924, Arch. Naturgesch. 90A(3):218, 248 (♂♀). Type-loc: Chi-tou, Formosa.

pygmaea Duda.—Sumatra.

1926, Supplta ent. 14:102 (♂). Type-loc: Fort de Kock, Sumatra.

quadriseriata Duda.—Java.

1924, Arch. Naturgesch. 90A(3):211, 255 (♂). Type-loc: Oengafan, Java.

strigifrons~~*striatifrons*~~ de Meijere.—Java.

1914, Tijdschr. Ent. 57:264 (sex?). Type-loc: Nongkodjadar, Java.

thienemanni Duda.—Sumatra.1931, Arch. Hydrobiol. Suppl. 9:196 (♀; as *Thienemanni*). Type-loc: Fort de Kock, Sumatra.**tjibodas** de Meijere.—Java.

1916, Tijdschr. Ent. 59:205 (sex?). Type-loc: Tjibodas, Java.

tristipes Duda.—Java.

1924, Arch. Naturgesch. 90A(3):220, 257 (♂). Type-loc: Batavia (Djakarta), Java.

ungarensis de Meijere.—Java.

1911, Tijdschr. Ent. 54:407 (♀). Type-loc: Gunung Ungaran, Java.

unicolor de Meijere.—Java

1914, Tijdschr. Ent. 57:266 (sex?). Type-loc: Gunung Ungaran, Java.

Genus DROSOPHILELLA Duda

Drosophilella Duda, 1923, Anns hist.-nat. Mus. natn. hung. 20:25. Type-species, *seminigra* Duda, by monotypy.

Reference: Wheeler 1969 (rev.).

colocasiae Duda.—Java.

1924, Arch. Naturgesch. 90A(3):178, 226, 252 (♂♀; *Colocasiae*, as *Drosophila*, from *Colocasia antiquarum* Schott p. 253). Type-loc: Nongkodjadar, Java.

seminigra Duda.—Not Oriental.

Genus HYPSELOTHYREA

Hypselothyrea de Meijere, 1906, Anns hist.-nat. Mus. natn. hung. 4:193. Type-species, *dimidiata* de Meijere, by designation of Okada (1956:38).

Reference: Duda 1928 (rev.).

breviscutellata Duda.—Formosa; Japan.

1928, Anns hist.-nat. Mus. natn. hung. 25:82 (♀). Type-loc: Kao-hsiung, Formosa.

dimidiata de Meijere.—Not Oriental.

fascipennis de Meijere.—India [Maharashtra]; New Guinea.

1906, Anns hist.-nat. Mus. natn. hung. 4:194 (sex?). Type-loc: Matheran, 800 m, India.

- guttata** Duda.—Formosa, Java, Malaya, Nepal, Singapore, Sumatra.
1926, Supplta ent. 14:56 (♂♀). Type-locs: Chi-chi, Kuo-shing-pu and Puli, Formosa; Fort de Kock, Sumatra.

Genus LIODROSOPHILA Duda

- Liodrosophila** Duda, 1922, Arch. Naturgesch. 88A(4): 153. Type-species, *Camilla coeruleifrons* de Meijere, by designation of Okada (1956:57).

References: Duda 1922 (rev.); Okada 1974 (rev.).

- aerea** Okada.—Formosa, Hong Kong, Java, Ryukyu Islands (Yaeyama), Singapore; Japan, Korea.

1956, Syst. Study Drosophilidae Japan: 57 (♂♀). Type-loc: Asakawa, Tokyo, Japan.

- bicolor** Okada.—Ryukyu Islands (Amami, Yaeyama); Japan.

1956, Syst. Study Drosophilidae Japan: 59 (♀). Type-loc: Aoshima, Miyazaki Prefecture, Japan.

- bifurcata** Okada.—Java.

1974, Mushi 48:43 (♂♀). Type-loc: Tjibodas, Java.

- bimaculata** Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:48 (♂♀). Type-loc: Below Sangu, Taplejung District, Nepal.

- ceylonica** Okada.—Ceylon.

1974, Mushi 48:47 (♂♀). Type-loc: Kandy, Ceylon.

- ciliatipes** Okada.—Formosa.

1974, Mushi 48:42 (♂♀). Type-loc: Alishan, Formosa.

- coeruleifrons** (de Meijere).—Borneo (Brunçi, Sarawak), Celebes, Java, Lombok, Malaya.

1911, Tijdschr. Ent. 54:421 (sex?; *Camilla*). Type-loc: Berg Ungaran nr Semarang, Java.

- contracta** Duda.—Sumatra.

1926, Supplta ent. 14:55 (♀). Type-loc: Fort de Kock, Sumatra.

- dietenia** Okada.—Java.

1974, Mushi 48:46 (♂♀). Type-loc: Tugu, Java.

- dimidiata** Duda.—Borneo (Sarawak), Formosa, Hong Kong, Malaya, Singapore, Sumatra, Viet Nam.

1922, Arch. Naturgesch. 88A(4):158 (♂♀). Type-loc: Viet Nam.

- fasciata** Duda.—Java, Malaya, Sumatra.

1926, Supplta Ent. 14:54 (♂♀). Type-loc: Fort de Kock, Sumatra.

fuscata Okada.—Formosa.

1974, Mushi 48:41 (♂). Type-loc: Chitou, Formosa.

fuscipennis Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:51 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.

globosa Okada.—Borneo (Bruncei, Sabah), Ceylon, Formosa, Java, Ryukyu Islands (Yaeyama), Sumatra.

1965, Kontyû 33:334 (♂♀). Type-loc: Haterumamori, Iriomote Island, Yaeyama, Ryukyu Islands.

longiarista Takada, Momma, and Shima.—Borneo (Sabah).

1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):77 (♂). Type-loc: Kiau View Trail, Mount Kinabalu, Borneo.

marginifrons Duda.—Borneo (Sarawak), Java, Malaya, Sumatra, Viet Nam.

1922, Arch. Naturgesch. 88A(4):157 (♂♀); 1926:53 (as *nitida* var.). Type-loc: Viet Nam.

nitida Duda.—Borneo (Sabah), Formosa, Hong Kong, Java, Malaya, Nepal, Ryukyu Islands (Yaeyama), Singapore, Sumatra, Thailand, Viet Nam; Japan.

1922, Arch. Naturgesch. 88A(4):157 (♂♀). Type-loc: Peitou, Formosa.

onchopyga Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:50 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.

ornata Okada.—Ceylon.

1974, Mushi 48:33 (♀). Type-loc: Peradeniya, Ceylon.

pusilla (de Meijere).—Java, Malaya, Singapore.

1911, Tijdschr. Ent. 54:423 (sex?; *Camilla*). Type-loc: Batavia (Djakarta), Java.

quadrimalculata Okada.—Formosa.

1974, Mushi 48:34 (♂). Type-loc: Chitou, Formosa.

rufa Okada.—Hong Kong.

1974, Mushi 48:41 (♂♀). Type-loc: Victoria Peak, Hong Kong.

rugulosa (de Meijere).—Java.

1914, Tijdschr. Ent. 57:269 (sex?; *Camilla*). Type-loc: Nongkôdjadjar, Java.

spinata Okada.—Formosa.

1974, Mushi 48:40 (♂♀). Type-loc: Chitou, Formosa.

submarginalis Okada.—Borneo (Bruncei).

1974, Mushi 48:45 (♂♀). Type-loc: Amo, Bruncei.

varians Duda.—?Borneo (Bruncei), ?Ceylon, ?China [Kwangtung], ?Java, ?Lombok, ?Malaya, ?Sumatra, Viet Nam.

1922, Arch. Naturgesch. 88A(4):158 (♂♀). Type-loc: Viet Nam.

Genus LISSOCEPHALA Malloch

- Lissocephala** Malloch, 1929, Ann. Mag. nat. Hist. (10)4:250. Type-species, *unipuncta* Malloch, by original designation.
- asiatica** Okada.—Ceylon, Formosa, Java, Ryukyu Islands (Amami, Yaeyama). 1964, Kontyû 32:106 (♀). Type-loc: Nase, Amami, Ryukyu Islands.
- bicolor** (de Meijere).—Formosa, Java, Malaya, Ryukyu Islands (Yaeyama), Singapore.
1911, Tijdschr. Ent. 54:399 (sex?; *Drosophila*). Type-loc: Batavia (Djakarta), Java.
- binotata** (de Meijere).—Java.
1914, Tijdschr. Ent. 57:257 (sex?; *Drosophila*). Type-loc: Semarang, Java.
- metallescens** (de Meijere).—Ceylon, Java, Malaya, Singapore, Sumatra; Micronesia, New Guinea.
1914, Tijdschr. Ent. 57:265 (sex?; *Drosophila*). Type-loc: Semarang, Java.
- powelli** Carson and Wheeler.—Christmas Island.
1973, Pacif. Insects 15:201 (♂♀). Type-loc: Smith Point, Christmas Island, Indian Ocean. (Ex land crabs) *Geocarcoidea humei* (Wood-Mason) and *Birgus latro* (Linnaeus).
- sabroskyi** Wheeler and Takada.—India; Caroline Islands, Solomon Islands.
1964, Insects Micronesia 14:222 (♂♀). Type-loc: Melekeiok, Babelthurp, Palau, Caroline Islands.
- unipuncta* Malloch.—Not Oriental.

Genus MICRODROSOPHILA Malloch

- Microdrosophila** Malloch, 1921, Ent. News 32:312. Type-species, *Drosophila quadrata* Sturtevant, by original designation.

Subgenus MICRODROSOPHILA Malloch

- acristata** Okada.—Formosa.
1968, Kontyû 36:318 (♂♀). Type-loc: Sung-kuang, Formosa.
- cristata** Okada.—Formosa; Japan.
1960, Kontyû 28:214 (♂♀). Type-loc: Kirigamine, Nagano Prefecture, Japan.
- elongata** Okada.—Formosa, Ryukyu Islands (Yaeyama).
1965, Kontyû 33:330 (♂♀). Type-loc: Shirahama, Iriomote Island, Yaeyama, Ryukyu Islands.

- frontata** (de Meijere).—Java.
1916, Tijdschr. Ent. 59:204 (sex?; *Drosophila*). Type-loc: Tjibodas, Java.
- marginata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:42 (♂♀). Type-loc: Dobhan, Taplejung District, Nepal.
- nigripalpis** Okada.—Nepal; Japan.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:41 (♀). Type-loc: Sangu, Taplejung District, Nepal.
- nigrohalterata** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:41 (♂♀). Type-loc: Between Sangu and Tamrang, Taplejung District, Nepal.
- pauciramosa** Okada.—Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:40 (♀). Type-loc: Sangu, Taplejung District, Nepal.
- pectinata** Okada.—Formosa, Nepal.
1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:37 (♂). Type-loc: Dobhan, Taplejung District, Nepal.
- pleurolineata** Wheeler and Takada.—Malaya, Ryukyu Islands (Okinawa, Yaeyama); Japan, Micronesia.
1964, Insects Micronesia 14:217 (♂♀). Type-loc: Koror, Palau, Caroline Islands.
- pseudopleurolineata** Okada.—Ryukyu Islands (Okinawa); Japan.
1968, Kontyû 36:319 (♂♀). Type-loc: Kyoto, Japan.
- quadrata** Sturtevant.—Not Oriental.
- submarginata** Okada.—Ryukyu Islands (Yaeyama).
1965, Kontyû 33:328 (♂ as ♀, error). Type-loc: Haterumamori, Iriomote Island, Yaeyama, Ryukyu Islands.
- urashimae** Okada.—Formosa; Japan, Korea.
1960, Kontyû 28:219 (♂♀). Type-loc: Okurayama, Kanagawa Prefecture, Japan.

Subgenus OXYSTYLOPTERA Duda

- Oxystyloptera** Duda, 1924, Arch. Naturgesch. 90A(3):192. Type-species, *Leucophenga tectifrons* de Meijere, by designation of Duda (1939:55).
- bimaculata** de Meijere.—Java.
1908, Tijdschr. Ent. 51:160 (sex?). Type-loc: Java.
- congesta** (Zetterstedt).—Formosa, Java, Sumatra; Europe, New Guinea.
1847, Dipt. Scandinaviae 6:2558 (♂; *Drosophila*). Type-loc: Ostrogothia, Lärketorp; Sweden.

- latifrons** Okada.—Ryukyu Islands (Okinawa); Korea.
1965, Kontyû 33:332 (♀). Type-loc: Yona, Okinawa, Ryukyu Islands.
- matsudairai** Okada.—Ryukyu Islands (Yaeyama); Japan, Korea.
1960, Kontyû 28:213 (♂♀). Type-loc: Tokyo, Japan.
- tectifrons** (de Meijere).—Java.
1914, Tijdschr. Ent. 37:263 (sex?; *Leucophenga*). Type-loc: Semarang, Java.

Genus MYCODROSOPHILA Oldenberg

- Mycodrosophila** Oldenberg, 1914, Arch. Naturgesch. 89A(2):4. Type-species, *Amiota poecilogastra* Loew, by monotypy.
- albicornis** (de Meijere).—Simeuluë Island.
1915, Tijdschr. Ent. 58 (Suppl.): 58 (sex?; as *Drosophila abicornis*). Type-loc: Sinabang, Simalur.
- alienata** (de Meijere).—Sumatra.
1926, Supplta ent. 14:58 (♀). Type-loc: Fort de Kock, Sumatra.
- amabilis** (de Meijere).—Java, Sumatra (Satellite islands); Caroline Islands.
1911, Tijdschr. Ent. 54:405 (sex?; *Drosophila*). (ex *Polyporus* sp.). Type-loc: Semarang, Java.
- biroi** Duda.—Singapore.
1923, Anns hist.-nat. Mus. natn. hung. 20:40 (♂♀; as *Biroi*). Type-loc: Singapore.
- ciliatipes** Duda.—Singapore.
1923, Anns hist.-nat. Mus. natn. hung. 20:39 (♂). Type-loc: Singapore.
- erecta** Okada.—Ryukyu Islands (Yaeyama); Japan.
1968, Kontyû 36:324 (♂♀). Type-loc: Tsubameconsen, Niigata Prefecture, Japan.
- fumusala** Lin and Ting.—Formosa.
1971, Bull. Inst. Zool. Acad. sin. 10(1):17 (♂♀). Type-loc: Wulai, Formosa.
- gratiosa** (de Meijere).—Formosa, India [Uttar Pradesh], Java, Malaya, Ryukyu Islands (Yaeyama), Singapore, Sumatra; Africa, Bonin Islands, Fiji, Japan, Korea, Micronesia, Samoa.
1911, Tijdschr. Ent. 54:404 (sex?; *Drosophila*) (ex *Polyporus* sp.). Type-locs: Batavia (Djakarta) and Semarang, Java.
- parallelinervis** Duda.—Sumatra.
1926, Supplta ent. 14:57 (♂♀). Type-loc: Fort de Kock, Sumatra.
- poecilogastra* (Loew).—Not Oriental.

separata (de Meijere).—Java.

1911, Tijdschr. Ent. 54:406 (♀; *Drosophila*). (ex. *Polyporus* sp.). Type-loc: Semarang, Java.

subgratiosa Okada.—Ryukyu Islands (Okinawa, Yaeyama).

1965, Kontyû 33:339 (♂). Type-loc: Shirahama, Iriomote Island, Yaeyama, Ryukyu Islands.

tachihonis Okada.—Ryukyu Islands (Amami, Yaeyama); Japan, Korea.

1956, Syst. Study Drosophilidae Japan: 47 (♂♀). Type-loc: Kirishimajingu, Kagoshima Prefecture, Japan.

wassermani Wheeler and Takada.—Ryukyu Islands (Okinawa); Caroline Islands.

1964, Insects Micronesia 14(6):204 (♂♀). Type-loc: Ponape, Caroline Islands.

Genus NEOTANYGASTRELLA Duda

Neotanygastrella Duda, 1925, Anns hist.-nat. Mus. natn. hung. 22:201, 203.

Type-species, *tricoloripes* Duda, by designation of Frota-Pessoa and Wheeler (1951:146).

Reference: Frota-Pessoa and Wheeler 1951 (rev.).

A male specimen belonging to this genus was collected in Pekanbaru, Sumatra (July 1971, Okada leg.).

sabahna Takada, Momma, and Shima.—Borneo (Sabah).

1973, J. Fac. Sci. Hokkaido Univ. (6) Zool. 19(1):76 (♂♀). Type-loc: Silau Silau Trail, Mount Kinabalu, Borneo.

tricoloripes Duda.—Not Oriental.

Unnamed sp.—Sumatra.

Genus NESIODROSOPHILA Wheeler and Takada

Nesiodrosophila Wheeler and Takada, 1964, Insects Micronesia 14(6):238.

Type-species, *lindae* Wheeler and Takada, by original designation.

facilis Lin and Ting.—Formosa.

1971, Bull. Inst. Zool. Acad. sin. 10:19 (♂♀). Type-loc: Chi-tou, Formosa.

lindae Wheeler and Takada.—Not Oriental.

raridentata (Okada and Chung).—Nepal; Japan, Korea.

1960, Akitu 9:28 (♂; *Drosophila* subg. *Dichaetophora*). Type-loc: Mount Sul-Ak, Kang-Won Province, Korea. **N. comb.**

rotundicornis (Okada).—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:74 (♂♀; *Drosophila*, subg. *Dichaetophora*). Type-loc: Between Sang and Tamrang, Taplejung District, Nepal. **N. comb.**

surukella (Okada).—Ryukyu Islands (Yaeyama); Japan.

1965, Kontyû 33:344 (♀; *Drosophila*, subg. *Dichaetophora*). Type-loc: Omotodake, Ishigaki Island, Yaeyama, Ryukyu Islands. **N. comb.**

Genus PARAMYCODROSOPHILA Duda

Paramycodrosophila Duda, 1924, Arch. Naturgesch. 90A(3):191. Type-species, *Drosophila pictula* de Meijere, by monotypy.

pictula (de Meijere).—Formosa, Java, Malaya, Nepal, Ryukyu Islands (Yaeyama), Singapore, Sumatra, Thailand.

1911, Tijdschr. Ent. 54:412 (sex?; *Drosophila*). Type-loc: Batavia (Djakarta), Java.

Genus PHORTICELLA Duda

Phorticella Duda, 1923, Anns hist.-nat. Mus. natn. hung. 20:36. Type-species, *Drosophila bistriata* de Meijere, by designation of Sturtevant (1927:365).

bakeri (Sturtevant).—Formosa, Philippines [Luzon].

1927, Philipp. J. Sci. 32:366 (♂; *Zaprionus*, subg. *Phorticella*). Type-loc: Mount Makiling, Luzon, Philippines.

bistriata (de Meijere).—Formosa, Java, Sumatra.

1911, Tijdschr. Ent. 54:397 (♂♀; *Drosophila*). Type-loc: Semarang, Java. **N. comb.**

albicornis Enderlein, 1922, Dt. ent. Z. (1922):295 (sex?). Type-loc: Tao-yuan, nr Tainan, Formosa.

fenestrata Duda.—Formosa, Java.

1923, Anns hist.-nat. Mus. natn. hung. 20:36 (♀; as *Phorticella* '*Drosophila*' *fenestrata* de Meijere, in litt.; Duda, 1924:227, as var. of *bistriata*?). Type-loc: Chi-chi, Formosa.

flavipennis (Duda).—Formosa, India [Mysore]; Moluccas [Buru].

1929, Treubia 7:416 (♀; *Zaprionus*). Type-loc: Buru Island, Moluccas. **N. comb.**

Genus SCAPTOMYZA Hardy

Scaptomyza Hardy, 1849, Berwickshire natl. Club. Hist. 2:361. Type-species, *graminum* Fallén, by designation of Coquillett (1910:603).

Reference: Hackman 1959 (world spp.).

Subgenus PARASCAPTOMYZA Duda

Drosophila, subg. **Parascaptomyza** Duda, 1924, Arch. Naturgesch. 90A(3):203.
Type-species, *disticha* Duda, by designation of Duda (1935:58), = *pallida*
(Zetterstedt).

elmoi Takada.—Formosa; Hawaii, Japan.

1970, Annotnes zool. jap. 43:144 (♂♀). Type-loc: Chi-tou, Formosa.

himalayana Takada.—Nepal:

1970, Annotnes zool. jap. 43:146 (♂♀). Type-loc: Larjung, Palpa, Nepal.

pallida (Zetterstedt).—India [Kashmir, Uttar Pradesh], Indonesia, Malaya, Nepal, Ryukyu Islands (Okinawa, Yaeyama); Cosmopolitan.

1847, Dipt. Scandinaviae 6:2571 (♂; *Drosophila*). Type-loc: Esperöd, Scaniae, Sweden.

substrigata de Meijere.—Formosa, Java; Cape Verde Islands.

1914, Tijdschr. Ent. 57:268 (sex?). Type-loc: Nongkodjadar, Java.

taiwanica Lin and Ting.—Formosa.

1971, Bull. Inst. Zool. Acad. sin. 10:22 (♂♀). Type-loc: Chi-tou, Formosa.

Subgenus SCAPTOMYZA Hardy

graminum (Fallén).—India [Kashmir]; Holarctic.

1823, Geomyzides Sveciae: 8 (♂♀; *Drosophila*). Type-loc: Esperöd, Sweden.

melanissima Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:62 (♂♀). Type-loc: Above Sangu, Taplejung, District, Nepal.

parasplendens Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:59 (♂♀). Type-loc: Sangu, Taplejung District, Nepal.

polygonia Okada.—Ryukyu Islands (Yaeyama); Japan, N Korea.

1956, Syst. Study Drosophilidae Japan.: 74 (♂). Type-loc: Kogesawa, Tokyo, Japan.

silvata Okada.—Nepal.

1966, Bull. Br. Mus. nat. Hist. (Ent.) Suppl. 6:63 (♂♀). Type-loc: Above Sangu, Taplejung District, Nepal.

sinica Lin and Ting.—Formosa.

1971, Bull. Inst. Zool. Acad. sin. 10:24 (♂♀). Type-loc: Nankang, Formosa.

Genus SPHAEROGASTRELLA Duda

Sphaerogastrella Duda, 1922, Arch. Naturgesch. 88:158. Type-species, *Camilla javana* de Meijere, by monotypy.

javana (de Meijere).—Ceylon, Java, Lombok, Malaya, Sumatra, Thailand, Viet Nam; Moluccas [Ceram].

1911, Tijdschr. Ent. 54:422 (sex?; *Camilla*). Type-locs: Batavia (Djakarta) and Semarang, Java.

flavipes de Meijere, 1915, Tijdschr. Ent. 58:95 (sex?; *Camilla*). Type-loc: Fort de Kock, Sumatra. *Nomen nudum*.

rostralis Okada.—Thailand.

1974, Mushi 48:31 (♂). Type-loc: Kaeng Khoi, Thailand.

Genus SPHYRNOCEPS de Meijere

Sphyrnoceps de Meijere, 1915, Tijdschr. Ent. 58 (Suppl.): 58. Type-species, *brunnea* de Meijere, by monotypy.

brunnea de Meijere.—Simeuluë Island.

1915, Tijdschr. Ent. 58 (Suppl.): 59 (sex?; as *brunneus*). Type-loc: Sinabang, Simalur.

Genus SPURIOSTYLOPTERA Duda

Spuriostyloptera Duda, 1923, Anns hist.-nat. Mus. natn. hung. 20:38. Type-species, *multipunctata* Duda, by present designation.

multipunctata Duda.—Formosa, Malaya, Singapore.

1923, Anns hist.-nat. Mus. natn. hung. 20:38 (♂♀). Type-loc: Chi-chi, Formosa.

quadristriata Duda.—Java; New Guinea.

1923, Anns hist.-nat. Mus. natn. hung. 20:39 (♂). Type-loc: Simbang, Huon Gulf, New Guinea.

Genus STYLOPTERA Duda

Styloptera Duda, 1924, Arch. Naturgesch. 90A(3):192. Type-species, *formosae* Duda, by designation of Wheeler and Takada (1964:219).

formosae Duda.—Formosa.

1924, Arch. Naturgesch. 90A(3):192, 194 (sex?; as *Formosae*). Type-loc: Formosa.

Genus ZAPRIONUS Coquillett

Zaprionus Coquillett, 1902, Proc. U.S. natn. Mus. 24:31. Type-species, *vittiger* Coquillett, by original designation.

indiana Gupta.—India [Maharashtra, Uttar Pradesh].

1970, Proc. Indian Acad. Sci. 36:63 (♂). Type-loc: Allahpur, Badaun District, India.

paravittiger Godbole and Vaidya, 1972, Dros. Inf. Serv. 48:135 (♂♀). Type-loc: Poona, India. *Nomen nudum*.

vittiger Coquillett.—Not Oriental.

Nomina Nuda

Chymomyza pararufithorax Vaidya and Godbole, 1973, Dros. Inf. Serv. 50:71 (♂♀).

Drosophila brindavani Sajjan and Krishnamurthy, 1972, Dros. Inf. Serv. 48:56.

Drosophila chamundiensis Sajjan and Krishnamurthy, 1972, Dros. Inf. Serv. 48:57.

Drosophila neotruncata Raganath and Krishnamurthy, 1972, Dros. Inf. Serv. 48:133.

Drosophila varietas Raganath and Krishnamurthy, 1972, Dros. Inf. Serv. 48:133.

Drosophila (Phloridosa) vescum Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:26.

Leucophenga paraguttiventris de Meijere (*in litt.*), Kikkawa and Peng, 1938, Jap. J. Zool. 7:547.

Mycodrosophila yunshuiensis Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:19.

Nesiodrosophila haruoi Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:20.

Nesiodrosophila kaoae Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:20.

Nesiodrosophila tynni Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:20.

Nesiodrosophila marshalli Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:20.

Scaptomyza (Scaptomyza) strigata Lin and Ting, 1971, Bull. Inst. Zool. Acad. sin. 10:25.

Family DROSOPHILIDAE

(pp. 342-387)

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A CATALOG OF THE DIPTERA
OF THE ORIENTAL REGION

VOLUME III

SUBORDER CYCLORRHAPHA

(excluding DIVISION ASCHIZA)

Compiled and edited by

MERCEDES D. DELFINADO

and D. ELMO HARDY

(1 9 7 7)

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INTRODUCTION

This volume completes publication of the three-volume work *A Catalog of the Diptera of the Oriental Region*. It treats the two-winged flies belonging to the suborder Cyclorrhapha, excluding the Division Aschiza. The present volume catalogs 989 valid genera and 5,261 valid species, including 125 subgenera, 98 subspecies, and 3 varieties, distributed among 56 families. In all, this volume contains approximately 7,000 entries, plus synonyms, errors, emendations, misidentifications, *nomina nuda*, and *nomina dubia*. It is assumed that all pertinent names proposed from 1758 through 1974 are cataloged.

The format, arrangement, and treatment of various subjects presented here follow basically that of previous volumes (1973 and 1975). Reference should be made to Volume I for explanatory information pertaining to the general features and scope of this work. The geographical area treated is the Oriental region in a broad sense, *i.e.*, extending east of Weber's line to and including the Moluccas islands. Some specialists, for various reasons, find it necessary to include in the present catalog the species recognized from the Moluccas.

All together, the Oriental Diptera fauna consists of 1,876 valid genera and 15,964 valid species distributed among 101 families. The numbers of valid taxa in the suborders Nematocera and Brachycera reported in the previous volumes are also given below.

Classification

In the catalog of the suborders Nematocera and Brachycera including Division Aschiza, Suborder Cyclorrhapha (1973, 1975), we have adopted the arrangement of the families and other taxa of Stone et al. (1965). The system used in the present volume follows with few exceptions, that of Hennig (1973). The following list gives the arrangement of the families within superfamilies we have adopted; for each is given the number of valid genera and species in the Oriental region.

	GENERA	SPECIES
Suborder Nematocera (23 families)	(382)	(6,226)
Suborder Brachycera (16 families)	(329)	(3,037)
Suborder Cyclorrhapha (62 families)	(1,166)	(6,701)
Division Aschiza (6 families)	(176)	(1,440)

	GENERA	SPECIES
Division Schizophora (56 families)	(989)	(5,261)
Section ACALYPTRATAE		
Superfamily Micropezoidea	(20)	(84)
Family Cypselomatidae	2	5
Family Pseudopomyzidae	1	1
Family Neriidae	7	27
Family Micropezidae	10	51
Superfamily Nothyboidea	(13)	(98)
Family Strongylophthalmyiidae	1	22
Family Psilidae	3	28
Family Megamerinidae	2	11
Family Nothybidae	1	9
Family Diopsidae	6	28
Superfamily Outoidea	(219)	(1,115)
Family Pyrgotidae	16	46 + 1 unnamed
Family Tephritidae	157	798 + 10 unnamed
Family Platystomatidae	42	259 + 1 unnamed
Family Otitidae	4	12
Superfamily Sciomyzoidea	(19)	(50)
Family Sciomyzidae	7	23
Family Dryomyzidae	1	1
Family Sepsidae	11	26 + 1 unnamed
Superfamily Lauxanioidea	(53)	(379)
Family Lauxaniidae	45	305
Family Celyphidae	5	65
Family Chamaemyiidae	3	9
Superfamily Pallopteroidea	(5)	(33)
Family Lonchaeidae	4	30
Family Piophilidae	1	3
Superfamily Anthomyzoidea	(20)	(60)
Family Aulacigastridae	2	3 + 1 unnamed
Family Teratomyzidae	1	1 unnamed
Family Asteiidae	3	11 + 1 unnamed
Family Clusiidae	10	41
Family Chyromyidae	2	3
Family Anthomyzidae	2	2 + 1 unnamed
Superfamily Agromyzoidea	(22)	(270)
Family Odiniidae	2	2 + 1 unnamed
Family Agromyzidae	19	269
Superfamily Chloropoidae	(76)	(414)
Family Milichiidae	9	34
Family Carnidae	2	5
Family Chloropidae	65	375 + 2 unnamed
Superfamily Drosophiloidea	(76)	(590)
Family Diastatidae	2	3 + 4 unnamed
Family Ephydriidae	43	118 + 2 unnamed

	GENERA	SPECIES
Family Curtonotidae	2	12
Family Drosophilidae	29	457 + 1 unnamed
Acalyptratae systematic position unclear	(23)	(107)
Family Helcomyzidae	1	6
Family Heteromyzidae	1	2
Family Canaccidae	5	18
Family Tethinidae	3	7
Family Cryptochetidae	1	7
Family Sphaeroceridae	12	67
Section CALYPTRATAE		
Superfamily Glossinoidea*	(27)	(196)
Family Hippoboscidae	13	71
Family Nycteribiidae	9	100
Family Streblidae	5	25
Superfamily Muscoidea	(94)	(711)
Family Scathophagidae	9	4 + 7 unnamed
Family Anthomyiidae	20	50
Family Fanniidae	2	30
Family Muscidae	55	618
Family Egniniidae	8	9
Superfamily Calliphoroidea	(323)	(1,153)
Family Calliphoridae	36	241
Family Sarcophagidae	46	168
Family Rhinophoridae	4	4
Family Tachinidae	228	725 + 30 unnamed
Family Gasterophilidae	3	6
Family Oestridae	6	9

* The nominal family Hippoboscidae based on *Hippobosca* Linnacus, 1758, makes the superfamily name Hippoboscoidea the oldest available name.

New Names Proposed in This Catalog

Agromyzidae:	<i>Dizygomyza (Poemyza) hirtipennis</i> Sasakawa
Anthomyiidae:	<i>Anthomyia inda</i> Ackland and Pont
Calliphoridae:	<i>Ryncomya townsendi</i> James
Chloropidae:	<i>Conioscinella neorobusta</i> Sabrosky
	<i>Chlorops neosimplex</i> Sabrosky
	<i>Chlorops nigricornoides</i> Sabrosky
	<i>Rhodesiella neofemoralis</i> Sabrosky
Drosophilidae:	<i>Drosophila (Sophophora) angusi</i> Okada
Lauxaniidae:	Genus <i>Caeniamima</i> Shewell
	<i>Frendelia obscurata</i> Shewell
	<i>Trypeltisoma pulchripennata</i> Shewell
Sarcophagidae:	Subtribe <i>Helicophagellina</i> Lopes, Kano, and Kurahashi
Sphaeroceridae:	<i>Poecilosomella dudai</i> Hackman