

Catalogue of
PALAEARCTIC
DIPTERA

Syrphidae—Conopidae

Volume

8

Á. Soós (Editor)

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AKADÉMIAI KIADÓ · BUDAPEST

CATALOGUE OF PALAEARCTIC DIPTERA

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VOLUME 8: SYRPHIDAE — CONOPIDAE

1988. 363 pp. + 1 map

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CATALOGUE OF PALAEARCTIC DIPTERA

VOLUME 8

SYRPHIDAE — CONOPIDAE

Editor

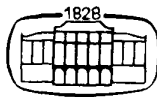
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AKADÉMIAI KIADÓ · BUDAPEST 1988

ISBN 963 05 3910 1 (Series)

ISBN 963 05 4621 3 (Vol. 8)

Joint edition published by
Akadémiai Kiadó, Budapest, Hungary and
Elsevier Science Publishers, Amsterdam, The Netherlands

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Printed in Hungary
by Akadémiai Kiadó és Nyomda Vállalat

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* All general information concerning the Catalogue is to be found on pages 7–15 of Volume 9, which was the first volume published in the series.

The deadline of the manuscripts of the present volume was 31 December, 1982. In exceptional cases some papers of fundamental nomenclatorial or taxonomical importance have also been listed, but no new taxa published after 1982.

Explication to distribution

Merely for the unalterable circumstance that the South-Southeastern Asian as well as the North African borders of the Palaearctic Region have already been "defined" in the Oriental and Afrotropical Catalogues, they have to be accepted here also, namely in Central Asia the western and northern borders of Pakistan, then the High Himalayas (excluding Nepal) and Northern Latitude 30° in China and Japan; in North Africa and the Arabian Peninsula the border extends in the Sahara along the Tropic of Cancer and joins southwestern confines of Pakistan.

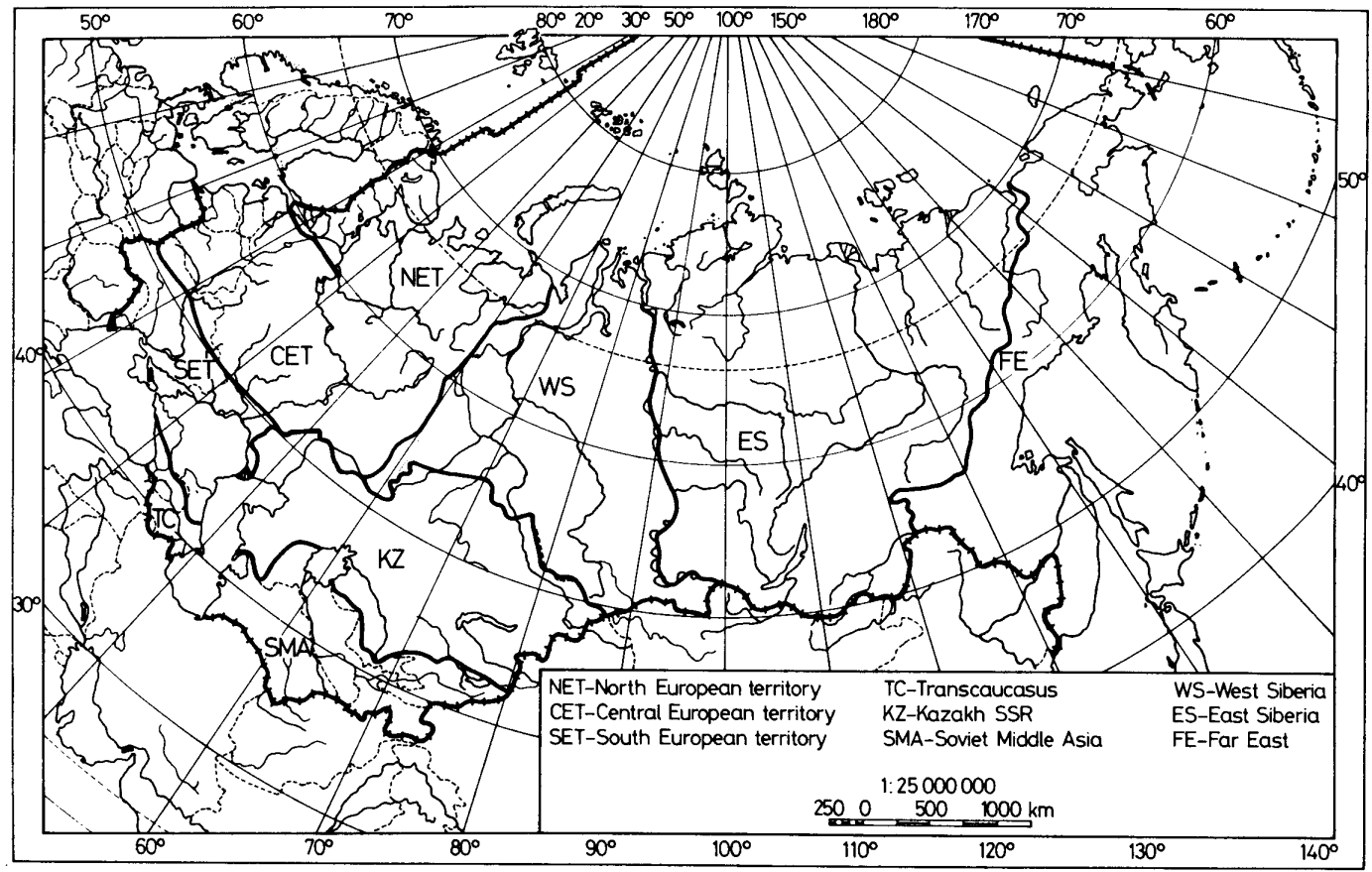
When listing detailed distribution data, the following divisions and abbreviations are used:*

Europe (excl. Soviet Union)

A	— Austria	H	— Hungary
AL	— Albania	I	— Italy
B	— Belgium	IRE	— Ireland
BG	— Bulgaria	IS	— Iceland
CH	— Switzerland	L	— Luxembourg
CS	— Czechoslovakia	M	— Malta
CY	— Cyprus	N	— Norway
D	— German Federal Republic	NL	— Netherlands
DDR	— German Democratic Republic	P	— Portugal
DK	— Denmark	PL	— Poland
E	— Spain	R	— Roumania
F	— France	S	— Sweden
FL	— Lichtenstein	SF	— Finland
GB	— Great Britain	TR	— Turkey
GR	— Greece	YU	— Yugoslavia

* Remarks.

1. Ireland. The Irish island is considered as a geographic unit and thus both the Irish Free State and the U.K. Northern Ireland appear under the abbreviation IRE.
2. If the name Berlin is used as a type-locality or a distribution point, it is written without any attributes.
3. As type-localities or distribution points, the names Palaestina or Palestine are similarly entered in these forms. When, in the case of actual locality names it can be ascertained that they lie in Israel or in Jordan they are listed under the name of the respective country. The same consideration applies to Jerusalem as to Berlin.



Soviet Union (see map)

- NET— North European territory, north of 60° NL (Rs: Russian SFSR)
 CET— Central European territory, limited 60° NL in the north and by 50° in the south (Est: Estonian SSR, La: Latvian SSR, Li: Lithuanian SSR, Rs: Russian SFSR, By: Byelorussian SSR, Uk: Ukrainian SSR)
 SET— South European territory, south of 50° NL (Rs: Russian SFSR, Uk: Ukrainian SSR, Mo: Moldavian SSR) up to the watershed of the main ridge of the Caucasus and bordered by the Kazakh SSR
 TC— Transcaucasus, south of the main ridge of the Caucasus (Ge: Georgian SSR, Az: Azerbaijan SSR, Arm: Armenian SSR)
 KZ— Kazakh SSR
 SMA— Soviet Middle Asia. Uz: Uzbek SSR, Tj: Tajik SSR, Ki: Kirghiz SSR, Tu: Turkmen SSR
 WS— West Siberia, limited by the watershed of the Urals in the west, by the border of the Kazakh SSR in the south, by the river Yenisei in the east (in the southeast by the river Bol'shoy Yenisei)
 ES— East Siberia, limited by the river Yenisei in the west and by the border of the Magadan and Khabarovsk regions (oblast) in the Russian SFSR
 FE— Far East, limited by the border of the Magadan and Khabarovsk regions of the Russian SFSR in the west (incl. Kamchatka, Sakhalin, Kuril Is.)

Asia (excl. Soviet Union): Arab states (N of the Tropic of Cancer): Lebanon, Syria, Jordan, Iraq, Kuwait, Saudi Arabia, Arabian Emirates, Oman; Israel, Turkey, Iran, Afghanistan, Mongolia, Korea, China N of 30° NL, Japan N of 30° NL
 North Africa (N of the Tropic of Cancer): Morocco, Algeria, Tunisia, Libya, Egypt
 Azores, Madeira, Canary Is.

The whole entry concerning valid species which at the present state of information do not occur within the boundaries of the Palaearctic Region as defined above but with records known from its confines [e.g. the Cape Verde Islands, Northern Mauritania, the Sahara region south of the Tropic of Cancer, the two Yemens, Oman (south), Saudi Arabia (south), Nepal, or China and Japan south of 30° NL] is given in square brackets. For such species detailed distribution data are entered.

This volume 8 of the Catalogue contains 149 valid genera, 36 subgenera, 1919 species and 28 subspecies assigned to 3 families. Further 141 synonymous generic and 1298 specific names, together with nearly 200 emendations, errors, mis-identifications, nomina dubia and doubtful genera and species are listed.

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Family Syrphidae

By L. V. PECK

Flies of the family Syrphidae, commonly known as "hover flies" or "flower flies", are one of the largest groups of Diptera, with over 5000 described species. Their sizes range from medium to large (4–25 mm). The adult syrphids frequently have a black and yellow coloration: the thorax bears yellow or orange stripes or other marking, and the tergites are ornamented with more or less conspicuous white, yellow or orange lunules, spots or bands; sometimes they are entirely black or dark (e.g., *Cheilosia* and *Pipizella*). Many syrphid flies (e.g., in the genera *Eristalis*, *Helophilus*, *Merodon* and *Volucella*) have a striking mimetic resemblance to bees and bumble-bees while others (e.g., in the genera *Syrphus* s.l. and *Chrysotoxum*) to wasps. Syrphidae are easily recognized by the special venation of the wing: basal cells are long, apical cells are closed and spurious longitudinal vein (vena spuria) is present (except *Graptomyza*).

Eggs about 1 mm long, white in colour and elongate-oval in shape, with reticulate pattern on shell (chorion). The patterns of the sculpturing vary somewhat in different species. In the species with carnivorous larvae the eggs are usually laid singly among or near the prey, but in the genera *Melanostoma* and *Platycheirus* a few eggs are laid side by side in little groups of four or five. Species whose larvae have other feeding habits usually deposit the eggs in masses on or near larval habitat.

Larvae and puparium are distinguished by the contiguous posterior spiracular tubes. Feeding-habits of the larvae of Syrphidae are varied. Larvae of most species in the subfamily Syrphinae are important natural enemies of aphids, scale insects, and other small, soft-bodied insects. The phytophagous larvae of *Cheilosia* feed in the stems and roots of various plants, also in fungi, those of *Eumerus* and *Merodon* feed in the bulbs of Liliaceae, Amaryllidaceae and Iridaceae. The larvae of *Brachyopa* are feeders on the sap oozing from injured trees. The larvae of the vast majority of species in the subfamily Milesiinae are generally saprophagous in many kinds of aquatic and semi-aquatic situations: some living in damp or wet rot-holes of trees (e.g., *Xylota*, *Mallota* and *Pocota*), others in dung (e.g. *Rhingia*) or in foul water or liquid manure (e.g. *Eristalis*, *Helophilus*), others obtaining oxygen from the roots of submerged plants (*Chrysogaster*). The larvae of *Volucella* live as scavengers in nests of bees and wasps, while mollusc-like larvae of *Microdon* are associated with ants' nests. None of the hover flies are pests except for a few species of *Eristalis* that occasionally cause human myiasis and a few species of *Eumerus* and *Merodon* that damage bulbs of cultivated plants.

Puparium usually pear-shaped and streamlined in the aphidophagous species, and more barrel-shaped in other forms.

Adult hover flies frequent various flowers and they are of great value in pollinating economically important plants.

Syrphid flies are world-wide in distribution. A total of 120 genera, and 1590 species are known from the Palaearctic Region. In the present Catalogue three subfamilies are recognized following VOCKEROTH (1969); the arrangement of tribes and genera follows that of VOCKEROTH (1969) for the Syrphinae, and THOMPSON (1972) and HIPPA (1978) for the Milesiinae.

Current usage of some important generic names (*Pyrophaena*, *Cheilosia*, *Eumerus*, *Eristalis*, *Helophilus*, *Xylota*) contradicts the International Code of Zoological Nomenclature, and corresponding rulings of the International Commission on Zoological Nomenclature are needed. For discussion see notes by WIRTH, SEDMAN, WEEMS in STONE et al., 1965: A Catalog of the Diptera of America north of Mexico, under corresponding names.

References: ANDREU, 1926 (Spain); BAÉZ, 1977 (Canary Is); BAŃKOWSKA, 1963 (Poland), 1967 (Bulgaria); BHATIA, 1939 (imm. stages); BOYES, et al., 1964–1971 (cytology); CHANDLER, 1968 (eggs); COE, 1953 (Great Britain); DIXON, 1960 (imm. stages); DRENSKY, 1934 (Bulgaria); DUŠEK and LÁSKA, 1959–1962 (imm. stages); FREY, 1939 (Madeira), 1945 (Azores), 1958 (Canary Is.); GOELDLIN DE TIEFENAU, 1974, 1976 (Switzerland); GLUMAC, 1972 (Yugoslavia); VAN DER GOOT, 1981 (north-west Europe), 1960, 1964, 1969 (Italy); HACKMAN, 1980 (checklist Finland); HARTLEY, 1961, 1963 (larval morph.); HEISS, 1939 (imm. stages); HENNIG, 1952 (imm. stages; world rev.); HIPPA, 1978 (class.

Xylotini); HULL, 1949 (genera world rev.); KERTÉSZ, 1910 (world cat.); KLOET and HINCKS, 1975 (checklist Great Britain); LECLERQ, 1961 (Morocco); LUNDBECK, 1916 (Denmark); METCALF, 1921 (♂ genitalia); PECK, 1977, 1979 (Mongolia); ROBERTS, 1970 (larval morph.); RONDANI, 1868 (Italy); SACK, 1928–1932 (Palearctic Region); SANTOS ABREU, 1924 (Canary Is.); SHATALKIN, 1975 (taxon. analysis); SHAUMAR and KAMAL, 1978 (Egypt); SCHINER, 1857 (Austria); SCHNEIDER, 1969 (bionomics, physiol.); SCOTT, 1939 (imm. stages, aphidoph.); SÉGUY, 1961 (West Europe); SHIRAKI, 1930, 1968 (Japan); SPEIGHT, et al., 1975 (Ireland); STACKELBERG, 1968, 1970 (USSR); STEYSKAL, et al., 1967 (Egypt); STUBBS, 1983 (Great Britain); ŞUSTER, 1959 (Roumania); THOMPSON, 1972 (class. Milesiinae); TORP PEDERSEN, 1971 (Spain), 1973, 1975, 1979 (Denmark); VERRALL, 1901 (Great Britain); VIOLOVITSH, 1983 (USSR, Siberia); VOCKEROTH, 1969 (world rev. Syrphini); WAHLGREN, 1909 (Sweden); WU, 1940 (China); ZIMINA, 1968, 1976, 1981 (USSR, European part, East Siberia).

Subfamily Syrphinae

Tribe Syrphini

Allograpta OSTEN SACKEN, 1875

OSTEN SACKEN, 1875: Bull. Buffalo Soc. nat. Sci., **3**: 49.

Type-species: *Scaeva obliqua* SAY, 1823: J. Acad. nat. Sci. Philad., **3**: 89 (mon.); not Palearctic.

Miogramma FREY, 1946: Notul. ent., **25**: 165. Type-species: *Syrphus javanus* WIEDEMANN, 1824: Analecta ent.: 34 (orig. des.).

Helenomyia BAŃKOWSKA, 1962: Bull. Acad. pol. Sci. (Biol.), **10**: 311. Type-species: *Syrphus javanus* WIEDEMANN, 1824: Analecta ent.: 34 (orig. des.).

javana (WIEDEMANN, 1824): Analecta ent.: 34 (*Syrphus*). Type-locality: "Insula Iava" (Java).—Distr.: USSR: FE (Primorye Territory); Asia: Mongolia, Korea, Japan, China; Oriental Region, New Guinea, Australia, Solomon Is, Hawaii, Fiji.

Asarkina MACQUART, 1842

MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, **1841**(1): 137 and Dipt. exot., **2**(2): 77.

Type-species: *Scaeva rostrata* WIEDEMANN, 1824: Analecta ent.: 34 (mon.); not Palearctic.

Asarcina AGASSIZ, 1846: Nomencl. zool. Index Univ.: 35; unjustified emendation.

africana (BEZZI, 1908): Anns hist.-nat. Mus. natn. hung., **6**: 500 (*Asarcina*, as var. of *ericetorum* FABRICIUS). Type-localities: "Moschi, Fl. Rau, . . . Mto-ja-Kifaru", "Obock e Lukungu" (Djibouti and Zaire).—Distr.: North Africa: Egypt (south); Afrotropical Region.

eremophila (LOEW, 1858): Öfvers. K. VetenskAkad. Förh., **14**(9): 380 (*Asarcina*). Type-locality: "Nubia".—Distr.: North Africa: Egypt (south). Afrotropical Region.

- fiorii** (BEZZI, 1903): Boll. Soc. ent. ital., **35**: 13 (*Asarcina*). Type-locality: "Castelgrande in Emilia (Alta Italia)".—Distr.: Europe: I; Afrotropical Region.
- orientalis** (BEZZI, 1908): Annl. hist.-nat. Mus. natn. hung., **6**: 498 (*Asarcina*, as var. of *ericetorum* FABRICIUS). Type-localities: "Cina" (China) and "Imalaja (?)" (India).—Distr.: Asia: China; Oriental Region.
- porcina** (COQUILLET, 1898): Proc. U.S. natn. Mus., **21**: 322 (*Syrphus*). Type-locality: not given (Japan).—Distr.: USSR: ES (Transbaikal, Amur region), FE (Khabarovsk and Primorye Territories); Asia: Japan; Oriental Region.

Asiodidea STACKELBERG, 1930

STACKELBERG, 1930: Konowia, **9**(3): 224.

Type-species: *Asiodidea potanini* STACKELBERG, 1930: l.c.: 225 (orig. des.) [= *nikkoensis* (MATSUMURA, 1916)].

nikkoensis (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 234 (*Brachyopa*). Type-locality: "Honshu (Nikko, Kofu)" (Japan).—Distr.: USSR: FE (Kunashir and Shikotan Is); Asia: Japan (Honshu, Hokkaido), China (Szechuan).

potanini STACKELBERG, 1930: Konowia, **9**(3): 225 (*Asiodidea*). Type-localities: "China mer.—Szechuen: Lungan-fu, Chodsigou", "Ta-dsien-lu" [= Kanding].

Betasyrphus MATSUMURA, 1917

MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): 134 and 143.

Type-species: *Syrphus serarius* WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., **2**: 128 (orig. des.).

adligatus (WIEDEMANN, 1824): Analecta ent.: 35 (*Syrphus*). Type-locality: "Cap" [= the Cape of Good Hope] (Africa).—Distr.: North Africa: Egypt (south); Afrotropical Region.

hirticeps (LOEW, 1858): Öfvers. K. VetenskAkad. Förh., **14**(9): 378 (*Syrphus*). Type-locality: "Nubia".—Distr.: North Africa: Egypt (south); Afrotropical Region.

serarius (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., **2**: 128 (*Syrphus*). Type-locality: "China".—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: Korea, Japan, China; Oriental Region, New Guinea, Australia.

Dasysyrphus ENDERLEIN, 1938

ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., 1937(4-7): 208 (as subgenus of *Syrphus* FABRICIUS, 1775).

Type-species: *Scaeva albostrciata* FALLÉN, 1817: Syrphici Sveciae: 42 (orig. des.).

Syrphella GOFFE, 1944: Entomologist's mon. Mag., 80: 129, as new name for *Conosyrphus* MATSUMURA, 1918, a junior homonym of *Conosyrphus okunii* MATSUMURA, 1918: l.c.: 11 (aut.).

Conosyrphus MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8: 11. Type-species: *Conosyrphus okunii* MATSUMURA, 1918: l.c.: 11 (orig. des.) [= *tricinctus* (FALLÉN, 1817)].

Dendrosyrphus DUŠEK et LÁSKA, 1967: Acta Sci. nat. Brno, 1: 365 (as subgenus of *Dasysyrphus*). Type-species: *Syrphus lunulatus* MEIGEN, 1822: Syst. Besch., 3: 299 (orig. des.).

albostrciatus (FALLÉN, 1817): Syrphici Sveciae: 42 (*Scaeva*). Type-locality: "Scania" [= prov. Skåne] (Sweden).—Distr.: all parts of Europe; USSR (excl. north parts); Asia: Mongolia, Japan.

coronatus (RONDANI, 1857): Dipt. Ital. Prodrromus, 2: 143 (*Lasiophthicus*). Type-locality: "ditionis parmensis" [= region of Parma] (Italy).

confusus (EGGER, 1860): Verh. zool.-bot. Ges. Wien, 10: 664 (*Syrphus*). Type-locality: "Austria".

carinthiacus (LATZEL, 1876): Jb. naturh. LandesMus. Kärnten, 22-24: 105 (*Syrphus*, as var. of *arcuatus* FALLÉN). Type-locality: "Kärnten" [= Carinthia] (Austria).

bilineatus (MATSUMURA, 1917): Ent. Mag., Kyoto, 2(4): pl. VI, fig. 21 (*Syrphus*); Ent. Mag., Kyoto: 3(1): 38 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: Korea, Japan; Oriental Region (Taiwan).

excavatus (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 14 (*Catabomba*). Type-localities: "Hokkaido (Sapporo), Honshu (Tokyo)" (Japan).

convexigaster (HULL, 1944): Psyche, 51: 25 (*Syrphus*). Type-locality: "Nikko, Japan".—Distr.: Asia: Japan.

corsicanus (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 50 (*Syrphus*). Type-locality: "Korsika".—Distr.: Europe: F (Corsica).

eggeri (SCHINER, 1862): Fauna austr., Diptera, 1: 303 (*Syrphus*). Type-locality: "Schneeberg" (Austria).—Distr.: Europe: PL, B, L, CH, A, R, E; USSR: TC, SMA (Ki, Tj), WS (Tuva); Asia: Mongolia.

griscens (ȘUSTER et ZILBERMAN, 1958): Studii Cerc. științ. Iăși, ser. Biol. științ. Agric., 9(2): 325 (*Syrphus*). Type-locality: "Moldavița-Ferestreu, raionul Cimpulung-Moldovenesc, reg. Suceava" (Roumania).

- flavolunulatus** PECK, 1974: Ent. Obozr., **53**(4): 904 (*Dasysyrphus*). Type-locality: Tien Shan, Kirghizia, Sary-Dzhaz, Kaindy river (USSR).—Distr.: USSR: SMA (Ki); Asia: Mongolia.
- friuliensis** (VAN DER GOOT, 1960): Ent. Ber., Amst., **20**(6): 106 (*Syrphus*, as subsp. of *venustus* MEIGEN). Type-locality: "Seggiovia—Lussari" ("on the way from the Seggiovia of Tarvisio to Monte Lussari") (near the Austrian and Yugoslavian borders).—Distr.: Europe: NL, B, L, D, PL, CS, A, I, YU, BG; USSR: CET, SET, WS, ES, FE; Asia: Mongolia.
- carpathicus** (ŠTYS et MOUCHA, 1962): Acta Univ. Carol., Biol. Suppl.: 60 (*Syrphus*, as subsp. of *postclaviger* ŠTYS et MOUCHA). Type-locality: "Slovakia bor., Vysoké Tatry, Furkotská dolina" (Czechoslovakia).
- hilaris** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 729 (*Scaeva*). Type-locality: "Ostrogothia, Fredensborg inter Wadstena & Motala" (Sweden).—Distr.: Europe: S, GB, NL, PL, B, CS; USSR: CET, ES, FE; Asia: Mongolia.
- intermedius** (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 49 (*Syrphus*). Type-locality: "Transbaikal Gebiet" (USSR).—Distr.: Europe: CH; USSR: ES.
- kegali** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 79 (*Dasysyrphus*). Type-locality: Magadan region, issue of Kegali river (USSR).—Distr.: USSR: FE (Magadan region, Prikolymye, Chukotka).
- lenensis** BAGATSHANOVA, 1980: Ent. Obozr., **59**(2): 424 (*Dasysyrphus*). Type-locality: 40 km SSW Yakutsk (USSR).—Distr.: USSR: ES (Yakutia).
- lunulatus** (MEIGEN, 1822): Syst. Besch., **3**: 299 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].—Distr.: all parts of Europe; USSR: CET, SET, TC, WS, ES, FE; Asia: Mongolia, Japan, China (E Tibet); Nearctic Region.
- nigricornis** (VERRALL, 1873): Entomologist's mon. Mag., **9**: 251 (*Syrphus*, new name for *obscurus* ZETTERSTEDT, 1838, a junior primary homonym of *S. obscurus* SAY, 1824).—Distr.: Europe: S, SF, GB, NL, B, PL, YU; USSR: CET (La), WS, ES; Asia: Mongolia.
- obscurus** (ZETTERSTEDT, 1838): Insecta Lapp.: 601 (*Scaeva*). Type-localities: "ad Juckasjervi et Torneatrask Lapponiae Tornensis, ut et ad Giebostad Nordlandiae . . . ; ad Lycksele Lappon. Umensis (Lapponia)" (Sweden).
- nigrolimbatus** (DUDA, 1940): Folia zool. hydrobiol., **10**(1): 223 (*Syrphus*). Type-localities: "bei Nimptsch, Habelschwerdt und Rauden (Schlesien)" [= Niemcza, Bystrzyca-Kłodzka] (Poland).
- obscuraticeps** (FREY, 1950): Notul. ent., **30**: 16 (*Syrphus*, as var. of *nigricornis*). Type-locality: "Pihtioja in Utsjoki" (Finland).
- parvilunulatus** (PECK, 1969): Ent. Obozr., **48**(1): 202 (*Syrphus*). Type-locality: Kirghizia, Alay Mts, r. Kirghizata (USSR).—Distr.: USSR: SMA (Ki, Tj).
- postclaviger** (ŠTYS et MOUCHA, 1962): Acta Univ. Carol., Biol. Suppl.: 60 (*Syrphus*, new name for *claviger* FREY, 1930, a junior primary homonym of *Syrphus*

- claviger* SACK, 1927).—Distr.: Europe: N, S, CH, I; USSR: NET, CET, ES, FE (Khabarovsk and Primorye Territories).
- claviger* (FREY, 1930): Notul. ent., **10**(3–4): 83 (*Syrphus*). Type-localities: “N. Tvärminne... St. Björneborg... Ta. Kangasala... Ob. Pello... Ks. Kuusamo... Li. Enare; Lac. Inari... [= Lim. Kandalakscha...; Bjälöguba]” (Finland, USSR).
- rotundiventris** (PECK, 1966): Ent. Obozr., **45**(1): 190 (*Syrphus*). Type-locality: Kirghizia, Tien Shan, valley of r. Koylu (USSR).—Distr.: USSR: SMA (Ki), WS (Altai, Tuva); Asia: Mongolia.
- sublunulatus** (PECK, 1966): Ent. Obozr., **45**(1): 190 (*Syrphus*). Type-locality: Kirghizia, valley of r. Gul’cha (USSR).—Distr.: USSR: KZ, SMA (Uz, Ki, Tu, Tj).
- tricinctus** (FALLÉN, 1817): Syrphici Sveciae: 41 (*Scaeva*). Type-localities: “Scaniae” and “Westrogothia” [= prov. Skåne and Västergötland] (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, CS, CH, R, YU; USSR: NET, CET, SET, TC, SMA (Tu), WS, ES, FE; Asia: Mongolia, Japan.
- okunii* (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**: 11 (*Conosyrphus*). Type-locality: “Hokkaido (Sapporo)” (Japan).
- venustus** (MEIGEN, 1822): Syst. Besch., **3**: 299 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: N, S, SF, GB, DK, NL, B, L, D, PL, CS, CH, E, YU; USSR: NET, CET, SET, TC, WS, ES, FE; Asia: Mongolia; Nearctic Region. Placed on the Official List of Specific Names in Zoology by I.C.Z.N., 1972: Opinion 978, Bull. zool. Nomencl., **29**(1): 10.
- arcuatus* (FALLÉN, 1817): Syrphici Sveciae: 42 (*Scaeva*). Type-locality: “Esperöd Scaniae” (Sweden). Suppressed by I.C.Z.N., 1972: Opinion 978, Bull. zool. Nomencl., **29**(1): 9.
- implicatus* (MEIGEN, 1822): Syst. Besch., **3**: 301 (*Syrphus*). Type-locality: not given (Europe).
- solitarius* (ZETTERSTEDT, 1838): Insecta Lapp.: 603 (*Scaeva*). Type-locality: “ad Lycksele Lapponiae Umensis (Lapponia)” [= Lycksele, Västerbotten] (Sweden).
- berberidis* (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 34 and Isis (Oken’s) **1840**(VII–VIII): 572 (*Syrphus*). Type-locality: “Posen” [= Poznań] (Poland).
- cupreus* (AM STEIN, 1860): Jber. naturf. Ges. Graubündens (N.F.), **5**: 99 (*Syrphus*). Type-locality: “Malans” (Switzerland).
- bipunctatus* (GIRSCHNER, 1884): Wien. ent. Ztg, **3**: 197 (*Syrphus*, as var. of *arcuatus*). Type-locality: “Schnepfenthal in Thüringen” [= environs of Waltershausen] [DDR].
- atricornis* (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 63 (*Syrphus*, as var. of *venustus*). Type-locality: “Körmöcbánya” [= Kremnica] (Czechoslovakia).

abayiecus (VIOLOVITSH, 1973): Trudy biol. Inst. Sib. Otd. Akad. Nauk SSSR, Novosibirsk, **16**: 147 (*Syrphus*). Type-locality: Altai, Ust'-Koksa district, 30 km SW Abai (USSR).

Didea MACQUART, 1834

MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 508.

Type-species: *Didea fasciata* MACQUART, 1834: l.c.: 508 (mon.).

Enica MEIGEN, 1838: Syst. Besch., **7**: 140. Type-species: *Enica foersteri* MEIGEN, 1838: l.c.: 140 (mon.) [= *fasciata* MACQUART, 1834].

alneti (FALLÉN, 1817): Syrphici Sveciae: 38 (*Scaeva*). Type-locality: "Smolandiae" [= prov. Småland] (Sweden).—Distr.: Europe: N, S, SF, GB, DK, NL, B, L, D, PL, CS, CH, A, R; USSR: NET, CET, SET, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia, Korea, Japan; Nearctic Region.

pellucidula (WIEDEMANN in MEIGEN, 1822): Syst. Besch., **3**: 311 (*Syrphus*). Type-locality: "Oesterreich" (Austria).

japonica MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): 138, pl. VI, fig. 2 (*Didea*). Type-localities: "Saghalien [= Sakhalin], Honshu (Japan)".

sachalinensis MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): 138, pl. VI, fig. 5 (*Didea*). Type-localities: "Saghalien (Ohtani)" [= Sakhalin: Sokol].

fasciata MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 509 (*Didea*). Type-locality: "environs de Paris" (France).—Distr.: Europe: SF, GB, DK, NL, B, D, PL, CS, F, CH, R, P, I, YU; USSR: NET, CET, SET, TC, WS, ES, FE; Asia: Japan; Oriental Region.

foersteri (MEIGEN, 1838): Syst. Besch., **7**: 140 (*Enica*). Type-locality: not given ("in hiesiger Gegend") (?Stolberg near Aachen) [D].

intermedia LOEW, 1854: Programm K. Realschule zu Meseritz, **1854**: 18 (*Didea*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: N, SF, GB, DK, NL, B, D, PL, CH, R, YU; USSR: NET, CET, SET, TC, WS, ES.

Dideoides BRUNETTI, 1908

BRUNETTI, 1908: Rec. Indian Mus., **2**: 54.

Type-species: *Dideoides ovatus* BRUNETTI, 1908: l.c.: 54 (mon.); not Palaearctic.

Dideodes MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): 134 and 140. Type-species: *Syrphus lautus* COQUILLET, 1898: Proc. U.S. natn. Mus., **21**: 323 (orig. des.) [= *coquilletti* VAN DER GOOT, 1964].

annandalei (BRUNETTI, 1919): Rec. Indian Mus., **16**: 299 (?*Didea*). Type-locality: "Nasratabad, Seistan" (Iran).—Distr.: Asia: Iran.

- coquilletti** (VAN DER GOOT, 1964): *Beaufortia*, **10**(127): 218 (*Syrphus*, new name for *Syrphus lautus* COQUILLET, 1898, a junior primary homonym of *Syrphus lautus* GIGLIO-TOS, 1892).—Distr.: Asia: Korea, Japan; Oriental Region.
- lautus* (COQUILLET, 1898): Proc. U.S. natn. Mus., **21**: 323 (*Syrphus*). Type-locality: not given (Japan).
- latus** (COQUILLET, 1898): Proc. U.S. natn. Mus., **21**: 322 (*Syrphus*). Type-locality: not given (Japan).—Distr.: Asia: Japan; Oriental Region.

Doros MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 274.

Type-species: *Syrphus conopseus* FABRICIUS, 1775: Syst. entom.: 768 (des. WESTWOOD, 1840: Synopsis: 136).

Bacchiopsis MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 208. Type-species: *Bacchiopsis vespiformis* MATSUMURA, 1916: l.c.: 207 (mon.) [= *conopseus* (FABRICIUS, 1775)].

conopseus (FABRICIUS, 1775): Syst. entom.: 768 (*Syrphus*). Type-locality: "Europa".—Distr.: Europe: SF, GB, DK, B, NL, D, PL, F, CH, A, R, E, I, YU; USSR: NET, CET, SET, TC, KZ, ES, FE (Primorye Territory); Asia: Mongolia, Japan.

conopeus ZELLER, 1842: Isis (Oken's), **1842**: 830; unjustified emendation.

profuges (HARRIS, [1780]): Expos. Eng. Ins.: 81 (*Musca*). Type-locality: "Essex, near West Tilbury" (Great Britain).

coarctatus (PANZER, [1797]): Faunae insect. germ., Fasc. **45**: 22 (*Syrphus*). Type-locality: "Carinthiae montibus" (Austria or Yugoslavia).

bipunctatus MIK, 1885: Verh. zool.-bot. Ges. Wien, **35**: 328 (*Doros*, as var. of *conopseus*). Type-locality: "Frankreich" (France).

destillatorius MIK, 1885: Wien. ent. Ztg, **4**: 53 (*Doros*). Type-locality: "Illyria (Goritia)" [= Gorizia] (Italy).

vespiformis (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 207, pl. XVI, fig. 20 (*Bacchiopsis*). Type-locality: "Hokkaido (Sapporo)" (Japan).

rohdendorfi SMIRNOV, 1925: Arch. Naturgesch., **91A**(1): 66 (*Doros*). Type-localities: "Turkestan (Tartugai im Distr. Perovsk, Syr-Darja-Gebiet)" [= near Kzyl-Orda] (Kazakhstan); "Mongolei (Bugas bei Chami, südwestlich von Tianj-Shanj)" (China, Sinkiang).—Distr.: USSR: KZ, SMA (Ki); Asia: China (Sinkiang).

Epistrophe WALKER, 1852

WALKER, 1852: Ins. Saunders., 1: 242.

Type-species: *Epistrophe conjungens* WALKER, 1852: l.c.: 242 (mon.) [= *grosulariae* (MEIGEN, 1822)].

Lagenosyrphus MIK, 1897: Wien. ent. Ztg, 16(2): 64. Type-species: *Syrphus leiophthalmus* SCHINER et EGGER, 1853: Verh. zool.-bot. Ver. Wien, 3: 54 (orig. des.).

Eristalosyrphus MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 15. Type-species: *Eristalosyrphus griseofasciatus* MATSUMURA, 1918: l.c.: 15, pl. 1, fig. 4 (orig. des.).

Zimaera HIPPA, 1968: Acta ent. fenn., 25: 69 (as subgenus of *Meligramma* FREY, 1946). Type-species: *Syrphus euchromus* KOWARZ, 1885: Wien. ent. Ztg, 4: 135 and 167 (orig. des.).

Stackelbergina VIOLOVITSH, 1979: Trudy vses. ent. Obshch., 61: 190. Type-species: *Stackelbergina amicorum* VIOLOVITSH, 1979: l.c.: 190 (orig. des.) [= *leiophthalma* (SCHINER et EGGER, 1853)].

Epistrophella DUŠEK et LÁSKA, 1967: see below as subgenus.

Subgenus **EPISTROPHE** WALKER, 1852

annulitarsis (STACKELBERG, 1918): Izv. Ross. Akad. Nauk [= Bull. Acad. Sci. Russ.], ser. 6: 2155 (*Syrphus*). Type-locality: "Rossia septentrionalis, prov. Novgorodensis" (USSR).—Distr.: USSR: CET (Leningrad and Novgorod regions), WS, ES, FE (Primorye Territory).

betasyrphoides THOMPSON, 1980: Proc. ent. Soc. Wash., 82(3): 513 (*Epistrophe*, new name for *Syrphus orientalis* HERVÉ-BAZIN, 1914, a junior primary homonym of *Syrphus orientalis* WIEDEMANN, 1824 and *S. orientalis* LOEW, 1858).—Distr.: Asia: Japan (Honshu).

orientalis (HERVÉ-BAZIN, 1914): Annl. Soc. ent. Fr., 83: 399 (*Syrphus*). Type-locality: "Chuzenji" [= near Nikko] (Japan).

diaphana (ZETTERSTEDT, 1843): Dipt. Scand., 2: 711 (*Scaeva*). Type-locality: "Ostrogothia" (Sweden).—Distr.: Europe: S, GB, DK, B, NL, D, PL, CH, R, YU; USSR: NET, CET, SET, TC, KZ (Chu-Ili Mts), SMA (Ki), WS, ES, FE (Primorye Territory).

eligans (HARRIS, [1780]): Expos. Eng. Ins.: 105 (*Musca*). Type-locality: not given (England).—Distr.: Europe: N, S, GB, DK, NL, B, L, D, DDR, PL, CS, CH, A, H, R, YU, BG; USSR: CET, SET, TC, SMA (Tu).

interrupta (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2879 (*Musca*). Type-locality: "Europa".

bifasciata (FABRICIUS, 1794): Entom. syst., 4: 305 (*Syrphus*). Type-locality: "Europa".

- fulvipes* (WIEDEMANN in MEIGEN, 1822): Syst. Besch., 3: 339 (*Syrphus*). Type-locality: "Berliner Gegend".
- trifasciata* (STROBL, 1880): Progr. k. k. Ober-Gymn. Benedictiner Seitenstetten, 1880: 15 (*Syrphus*, as var. of *bifasciatus*). Type-locality: "Nieder-Österreich" (Austria).
- nigra* ŞUSTER et ZILBERMAN, 1958: Studii Cerc. ştiinţ. Iăsi, ser. Biol. ştiinţ. Agric., 9(2): 324 (*Epistrophe*, as var. of *bifasciata*). Type-locality: "Moldoviţa-Ferestreu, raionul Cimpulung-Moldovenesc, reg. Suceava" (Roumania).
- griseofasciata** (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 15, pl. 1, fig. 4 (*Erystalosyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan (Hokkaido).
- angustifasciata* (VIOLOVITSH, 1956): Zool. Zh., 35(5): 744 (*Syrphus*). Type-locality: Kunashir Island, environs of Lake Lagunnoe (USSR).
- grossulariae** (MEIGEN, 1822): Syst. Besch., 3: 306 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: SF, GB, DK, NL, B, D, PL, CS, CH, H, I, YU, R; USSR: NET, CET, SET, TC, WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- formosa* (HARRIS, [1780]): Expos. Eng. Ins.: 107 (*Musca*). Type-locality: not given (England). A junior primary homonym of *Musca formosa* SCOPOLI, 1763.
- [*conjungens* WALKER, 1852: Ins. Saunders., 1: 242 (*Epistrophe*). Type-locality: "Bolton, United States".]
- helvetica** SACK, 1938: Mitt. schweiz. ent. Ges., 17(6): 225 (*Epistrophe*). Type-locality: "Scarltal: Munt Tablasot; Mot Mezdi" (Switzerland).—Distr.: Europe: CH.
- leiophthalma** (SCHINER et EGGER, 1853): Verh. zool.-bot. Ver. Wien, 3: 54 (*Syrphus*). Type-locality: "Schneeberg" (Austria).—Distr.: Europe: B, D, PL, CH, A, R, I, YU; USSR: TC.
- bellardii* (RONDANI, 1857): Dipt. Ital. Prodromus, 2: 143 (*Lasiophthicus*). Type-locality: "pedemontio" [= Piemonte] (Italy).
- amicorum* (VIOLOVITSH, 1979): Trudy vses. ent. Obshch., 61: 190 (*Stackelbergina*). Type-locality: Caucasus, Krestovskiy Pass (USSR).
- melanostoma** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 711 (*Scaeva*). Type-localities: "Suecia boreali, ad Haparanda prope Tornea, ad Lund prope radicem Areskutan Jemtlandiae" (Sweden).—Distr.: Europe: S, SF, NL, DK, D, DDR, PL, L, CH, H, R, YU, BG; USSR: NET, CET, SET, WS, ES, FE; Asia: Japan.
- melanostomoides** (STROBL, 1880): Progr. k.k. Ober-Gymn. Benedictiner Seitenstetten, 1880: 60 (*Syrphus*, new name for var. *major* STROBL).—Distr.: Europe: SF, NL, B, D, A, YU; USSR: NET, CET (La), WS, ES, FE (Khabarovsk and Primorye Territories).

- major* (STROBL, 1880): Progr. k.k. Ober-Gymn. Benedictiner Seitenstetten, 1880: 15 (*Syrphus*, as var. of *melanostoma* ZETTERSTEDT). Type-locality: not given ("Nieder-Österreich") (Austria).
- obscuripes* (STROBL, 1909): Mitt. naturw. Ver. Steierm., 46: 99 (*Syrphus*, as var. of *melanostomoides*). Type-localities: "Admont" (Austria), "Marburg, Rann" [= Maribor and Brezice] (Yugoslavia).
- monticola** (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 51 (*Syrphus*). Type-locality: "Wiener Schneeberg" (Austria).—Distr.: Europe: A.
- beckeri* (HERVÉ-BAZIN, 1923): Bull. Soc. ent. Fr., 9: 129 (*Syrphus*, unjustified new name for *Syrphus monticola* BECKER, 1921: being not a homonym of *Syrphus monticolus* DE MEJERE, 1914).
- nigroepistomata** SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5–6): 99 (*Epistrophe*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).
- nipponensis** (VAN DER GOOT, 1964): Beaufortia, 10(127): 218 (*Syrphus*, new name for *fulvicornis* SHIRAKI et EDASHIGE, 1953, a junior primary homonym of *Syrphus fulvicornis* MEIGEN, 1822).—Distr.: Asia: Japan (Shikoku).
- fulvicornis* SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5–6): 102 (*Epistrophe*). Type-locality: "Mt. Ishizuchi, Ehime Pref." (Japan).
- nitidicollis** (MEIGEN, 1822): Syst. Besch., 3: 308 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: N, SF, GB, DK, NL, B, L, D, DDR, PL, CS, CH, H, E, I, YU, R; USSR: NET, CET, SET, WS, ES, FE; Asia: Japan; Nearctic Region.
- ochrostoma** (ZETTERSTEDT, 1849): Dipt. Scand., 8: 3133 (*Scaeva*). Type-localities: "Lapponia Umensi, ad pagum Lycksele", "in Scania ad Räfteu prope Lund" (Sweden).—Distr.: Europe: S, SF, DK, NL, B, D, PL, CS, CH, R, P, E, BG; USSR: CET, TC, WS, ES, FE (Khabarovsk Territory); Nearctic Region.
- omogensis** SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5–6): 101 (*Epistrophe*). Type-locality: "Mt. Omogo, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).

Subgenus EPISTROPELLA DUŠEK et LÁSKA, 1967

DUŠEK and LÁSKA, 1967: Acta sci. nat. Brno, 1: 368.

Type-species: *Syrphus euchromus* KOWARZ, 1885: Wien. ent. Ztg, 4: 135 and 167 (orig. des.).

euchroma (KOWARZ, 1885): Wien. ent. Ztg, 4: 135 and 167 (*Syrphus*). Type-locality: "Böhmen: Asch" [= Czechoslovakia: Aš].—Distr.: Europe: N, GB, DK, NL, B, L, D, PL, CS, CH, H; USSR: CET, TC, ES (Transbaikal, Yakutia), FE (Khabarovsk and Primorye Territories).

horishana (MATSUMURA, 1917): Ent. Mag., Kyoto, 3(1): 24 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Formosa (Horisha)".—Distr.: Asia: Japan (Kyushu); Oriental Region (Taiwan).

[**koannania** (MATSUMURA, 1917): Ent. Mag., Kyoto, 3(1): 25 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Formosa (Koannania Kaushirei)".]

Episyrphus MATSUMURA et ADACHI, 1917

MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 2(4): 134 (in key); Ent. Mag., Kyoto, 3(1): 16.

Type-species: *Episyrphus fallaciosus* MATSUMURA, 1917: l.c.: pl. VI, fig. 13; Ent. Mag., Kyoto, 3(1): 18 (mon.) [= *balteatus* (DE GEER, 1776)].

Musca balteata DE GEER, 1776: Mém. Ins., 6: 116 (subsequent designation as type by MATSUMURA and ADACHI, 1917).

alternans (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, 1841(1): 149 and Dipt. exot., 2(2): 89 (*Syrphus*). Type-locality: "Coromandel" (India).—Distr.: Asia: China (Tibet), Japan; Oriental Region and Australia.

balteatus (DE GEER, 1776): Mém. Ins., 6: 116 (*Musca*). Type-locality: not given (Sweden).—Distr.: all parts of Europe and USSR; Asia: Afghanistan, Mongolia, China, Japan; North Africa: Algeria, Egypt; Azores, Canary Is; Oriental Region, Australia.

scitule (HARRIS, [1780]): Expos. Eng. Ins.: 111 (*Musca*). Type-locality: not given (England).

scitulus (HARRIS, [1780]): Expos. Eng. Ins.: 105 (*Musca*). Type-locality: not given (England).

alternatus (SCHRANK, 1781): Enum. ins. austr. indig.: 448 (*Musca*). Type-locality: not given (Austria).

nectareus (FABRICIUS, 1787): Mantissa insect., 2: 341 (*Syrphus*). Type-locality: "Dania".

pleuralis (THOMSON, 1869): in K. svenska Fregatten Eugénies resa, 2(1): 497 (*Syrphus*). Type-locality: "China".

andalusiacus STROBL, 1899: Wien. ent. Ztg, 18(5–6): 145 (*Syrphus*, as forma of *balteatus*). Type-localities: "Algeciras, Iativa" (Spain).

fallaciosus MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 13; Ent. Mag., Kyoto, 3(1): 18 (*Episyrphus*). Type-locality: "Honshu, Kiushu" (Japan).

proximus (SANTOS ABREU, 1924): Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 40 (*Syrphus*, as var. of *balteatus*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).

signatus (SANTOS ABREU, 1924): Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 41 (*Syrphus*, as var. of *balteatus*). Type-locality: "La Palma" (Canary Is).

- hirayamae** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 12 (*Episyrphus*). Type-locality: "Honshu (Tokyo)" (Japan).—Distr.: Asia: Japan.
- nectarinus** (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., **2**: 128 (*Syrphus*). Type-locality: "China".—Distr.: Asia: China, Korea, Japan; Oriental Region, Australia, New Guinea.

Doubtful species of *Episyrphus*

- cannabinus* (SCOPOLI, 1763): Entom. carniolica: 344 (*Musca*). Type-species: not given ("Carniolia") (?Yugoslavia).

Eriozona SCHINER, 1860

SCHINER, 1860: Wien. ent. Mschr., **4**: 214.

Type-species: *Syrphus oestriformis* MEIGEN, 1822: Syst. Besch., **3**: 315 (orig. des.) [= *syrphoides* (FALLÉN, 1817)].

syrphoides (FALLÉN, 1817): Syrphici Sveciae: 36 (*Scaeva*). Type-locality: "In provincia Calmariensi" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CH, R; USSR: NET, CET, TC, KZ, SMA (Ki), WS, ES, FE (Primorye Territory).

oestriformis (MEIGEN, 1822): Syst. Besch., **3**: 315 (*Syrphus*, new name for *Scaeva syrphoides* FALLÉN, 1817). Type-locality: "Schweden" (Sweden).

Ischiodon SACK, 1913

SACK, 1913: Ent. Mitt., **2**: 5.

Type-species: *Ischiodon trochanterica* SACK, 1913: l.c.: 6 (mon.) [= *scutellaris* (FABRICIUS, 1805)].

aegyptius (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt, **2**: 133 (*Syrphus*). Type-localities: "Egypten und Nubien" (Egypt and Sudan).—Distr.: Asia: Syria; North Africa: Egypt; Madeira, Canary Is; Afrotropical Region.

annulipes (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, **1841**(1): 163 and Dipt. exot., **2**(2): 103 (*Sphaerophoria*). Type-locality: "Egypt".

felix (WALKER, 1852): Ins. Saunders., **1**: 229 (*Syrphus*). Type-locality: "Canaries" (Canary Is).

brachypterus (THOMSON, 1869): in K. svenska Fregatten Eugénies resa, **2**(1): 496 (*Syrphus*). Type-locality: "Madera" (Madeira).

libycus NAYAR, 1978: Polskie Pismo ent., **43**: 413 (*Ischiodon*). Type-locality: "Almarg. . . , Libya".—Distr.: North Africa: Libya.

scutellaris (FABRICIUS, 1805): Syst. antl.: 252 (*Scaeva*). Type-locality: "Tranquebariae" (India).—Distr.: USSR: TC, SMA (Ki, Uz, Tu, Tj), FE; Asia:

Turkey, Iran, Afghanistan, Mongolia, Japan; Oriental Region, New Guinea.

trochantericus SACK, 1913: Ent. Mitt., 2(1): 6 (*Ischiodon*). Type-localities: "Kanshizei, Polisha, Suihenkyaku, Tainan und Takao" (Taiwan).

ogasawarensis (MATSUMURA, 1916): Ent. Mag., Kyoto, 2(1): 23 (*Melithreptus*). Type-locality: "Bonin Islands (Ogasawarajima)" (Japan S of 30° NL).

boninensis MATSUMURA, 1919: Ent. Mag., Kyoto, 3(3-4): 128 (*Ischiodon*). Type-locality: "Bonin Islands (Ogasawarajima)".

Ischyrosyrphus BIGOT, 1882

BIGOT, 1882: Anns Soc. ent. Fr., (6) 2, Bull.: LXVIII.

Type-species: *Ischyrosyrphus sivaе* BIGOT, 1882: l.c.: LXVIII (des. KIRBY, 1883: Zool. Rec., 12: 244); not Palearctic.

Karasyrphus MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8: 9. Type-species: *Chamaesyrphus miyakei* MATSUMURA, 1911: J. Coll. Agric. Tohōku imp. Univ. Sapporo, 4(1): 77 (orig. des.) [= *glaucius* (LINNAEUS, 1758)].

glaucius (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 593 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, SF, GB, DK, NL, B, L, D, PL, CH, A, YU, R; USSR: NET, CET, WS, ES, FE; Asia: Mongolia, Japan.

nobilis (MEIGEN, 1822): Syst. Besch., 3: 316 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].

leucozonus (GERMAR, 1825): Fauna Ins. Europ. Fasc. 11: tab. 25 (*Syrphus*). Type-locality: "Germania".

miyakei (MATSUMURA, 1911): J. Coll. Agric. Tohōku imp. Univ. Sapporo, 4(1): 77 (*Chamaesyrphus*, as "*Chaemosyrphus*"). Type-localities: "Korsakoff, Mauka" [= Sakhalin: Korsakov, Kholmnsk].

strandii DUDA, 1940: Folia zool. hydrobiol., 10(1): 222 (*Ischyrosyrphus*). Type-locality: "Ludwigstal (Altwatergeb.)" [= Jeseník, Sudety Mts on border of Poland with Czechoslovakia].

vernalis ŠUSTER, 1959: Fauna R.P. Romîne, Insecta, 9(3): 155 (*Ischyrosyrphus*). Type-locality: "Borsec (Regiunea Autonomia Maghiară)".

laternarius (MÜLLER, 1776): Zool. Danicae Prodromus: 174 (*Musca*). Type-localities: "Dania et Norvegia" (Denmark and Norway).—Distr.: Europe: N, S, SF, GB, DK, NL, B, L, D, PL, CH, R; USSR: NET, CET, WS, ES, FE; Asia: Mongolia, China (Szechuan), Japan.

mutatus (ZETTERSTEDT, 1849): Dipt. Scand., 8: 3140 (*Scaeva*). Type-locality: "Smolandia ad Skärsjö" [= prov. Småland] (Sweden).

sachalinensis (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 10 (*Karasyrphus*). Type-localities: "Saghalien (Odomari, Mauka, Motodomari)" [= Sakhalin: Korsakov, Kholmnsk, Vostochnyi].

- ussuriensis** STACKELBERG, 1930: Russk. ent. Obozr., **23**(3-4): 244 (*Ischyrosyrphus*).
Type-locality: Southern Primorye: Tigrovaja (Suchan district) (USSR).—Distr.: USSR: ES, FE (Primorye Territory).
- beybienkoi* VILOVITSH, 1982: Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 56 (*Ischyrosyrphus*). Type-locality: Krasnoyarsk Territory, environs of Severo-Eniseysk (USSR).

Leucozona SCHINER, 1860

- SCHINER, 1960: Wien. ent. Mschr., **4**: 214.
Type-species: *Musca lucorum* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 592 (orig. des.). [For discussion of nomenclature problems see WIRTH, et al., 1965: 563.]
- lucorum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, SF, GB, DK, B, L, NL, D, PL, CS, CH, A, I, YU, R; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- praecincta* (SCOPOLI, 1763): Entom. carniolica: 357 (*Conops*). Type-locality: "Austriaco Litorali".
- pellucens* (HARRIS, [1780]): Expos. Eng. Ins.: 82 (*Musca*). Type-locality: not given (England). A junior primary homonym of *Musca pellucens* LINNAEUS, 1758.
- asiliformis* (FABRICIUS, 1781): Species insect., **2**: 426 (*Syrphus*). Type-locality: "Germania".
- nigripila* MIK, 1888: Wien. ent. Ztg, **7**: 141 (*Leucozona*, as var. of *lucorum*).
Type-locality: Circassia.
- differens* FREY, 1946: Notul. ent., **25**: 158 (*Leucozona*, as var. of *lucorum*).
Type-locality: "Nord- und Ost-Finnland".

Megasyrphus DUŠEK et LASKA, 1967

- DUŠEK and LÁSKA, 1967: Acta sci. nat. Brno, **1**: 363.
Type-species: *Scaeva annulipes* ZETTERSTEDT, 1838: Insecta Lapp.: 599 (orig. des.).
- syrphoides* HIPPA, 1968: Acta ent. fenn., **25**: 83. Type-species: *Scaeva annulipes* ZETTERSTEDT, 1838: Insecta Lapp.: 599 (orig. des.).
- alashanicus** PECK, 1974: Ent. Obozr., **53**(4): 910 (*Megasyrphus*). Type-locality: China: Alashanian mountain ridge, Tszosto.—Distr.: Asia: China.
- annulipes** (ZETTERSTEDT, 1838): Insecta Lapp.: 599 (*Scaeva*). Type-localities: "ad Lycksele Tresunda et Stoettingsfjellet, Lapponiae Umensis... Lapponia; Ostrogothia" (Sweden).—Distr.: Europe: N, S, SF, GB, DK, NL,

B, L, D, PL, CH, A, H, YU, R; USSR: NET, CET, SET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia.

fulvipes (BIGOT, 1884): Anns Soc. ent. Fr., (6) 4, Bull.: CXVI (*Didea*). Type-locality: "Simplon" (Switzerland).

Melangyna VERRALL, 1901

VERRALL, 1901: British flies, 8: 313.

Type-species: *Melanostoma quadrimaculata* VERRALL, 1873: Entomologist's mon. Mag., 9: 281 (orig. des.).

Eusyrphus MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 15; Ent. Mag., Kyoto, 3(1): 20. Type-species: *Eusyrphus cingulatus* MATSUMURA, 1917: l.c.: pl. VI, fig. 15 and 3(1): 21 (orig. des.) [= *compositarum* (VERRALL, 1873)].

Mesosyrphus MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 2(4): 134 (in key); Ent. Mag., Kyoto, 3(1): 19. Type-species: *Mesosyrphus constrictus* MATSUMURA, 1917: l.c.: pl. VI, fig. 14 (mon.).

Stenosyrphus MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 2(4): 134 (in key). Type-species: *Stenosyrphus motodomariensis* MATSUMURA, 1917: l.c.: pl. VI, fig. 24 (mon.) [= *barbifrons* (FALLÉN, 1817)], *Scaeva lasiophthalma* ZETTERSTEDT, 1843: Dipt. Scand., 2: 735 (invalid later designation as type by MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 3(1): 14).

Fagisyrphus DUŠEK and LÁSKA, 1967: Acta sci. nat. Brno, 1: 369. Type-species: *Scaeva cincta* FALLÉN, 1817: Syrphici Sveciae, 5: 45 (orig. des.).

Meligramma FREY, 1946: see below as subgenus.

Subgenus MELANGYNA VERRALL, 1901

abietis (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 14 (*Mesosyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.

arctica (ZETTERSTEDT, 1838): Insecta Lapp.: 604 (*Scaeva*). Type-locality: "Nordlandia, ad Giebostad (Lapponia)" (Sweden).—Distr.: Europe: S, SF, GB; USSR: NET, CET (Leningrad region, La), WS, ES, FE; Nearctic Region.

atrogenata (KANERVO, 1934): Anns Soc. zool.-bot. fenn. "Vanamo", 14(5): 129 (*Syrphus*, as var. of *arcticus*). Type-localities: "Fjeld Orshoaivi und beim Kuvernöörinkoski" (USSR; Murmansk region); "Enontekiö auf dem Fjeld Saana" (Finland).

melanata (KANERVO, 1934): Anns Soc. zool.-bot. fenn. "Vanamo", 14(5): 129 (*Syrphus*, as var. of *arcticus*). Type-locality: "Fjeld Kammikivi" (USSR, Murmansk region).

- nasuta* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", **14**(5): 129 (*Syrphus*, as var. of *arcticus*). Type-locality: "Fjeld Kammikivi; in Parkkino" (USSR, Murmansk region).
- nigrofaciata* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", **14**(5): 129 (*Syrphus*, as var. of *arcticus*). Type-locality: "Fjeld Kammikivi" (USSR, Murmansk region).
- pseudomaculata* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", **14**(5): 128 (*Syrphus*, as var. of *arcticus*). Type-locality: "Fjeld Kamikivi" (USSR, Murmansk reg.).
- barbifrons** (FALLÉN, 1817): Syrphici Sveciae: 45 (*Scaeva*). Type-locality: "Scania" [= prov. Skåne] (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CS, CH, YU; USSR: NET, CET (Leningrad region, La), WS, ES, FE.
- latifrons* (SCHUMMEL, 1837): Uebers. schles. Ges. vaterl. Kult., **1836**: 84 (*Syrphus*). Type-locality: not given (Schlesien) (Poland).
- nitidula* (ZETTERSTEDT, 1838): Insecta Lapp.: 608 (*Scaeva*). Type-localities: "Lapponia meridionale; ad Lycksele (Lapponia; Hernosand, Angermannia; Ostrogothia)" (Sweden).
- motodomariensis* (MATSUMURA, 1917): Ent. Mag., Kyoto, **2**(4): pl. VI, fig. 24; Ent. Mag., Kyoto, **3**(1): 15 (*Stenosyrphus*). Type-locality: "Saghalien (Motodomari)" [= Sakhalin: Vostochnyi].
- coei** NIELSEN, 1971: Norsk ent. Tidsskr., **18**: 65 (*Melangyna*). Type-locality: "Myrland, Ry: Höyland" (Norway).—Distr.: Europe: N, SF.
- compositarum** (VERRALL, 1873): Entomologist's mon. Mag., **9**: 254 (*Syrphus*). Type-locality: "Rannoch" (Scotland, Great Britain).—Distr.: Europe: SF, GB, DK, NL, B, D, PL, CH; USSR: NET, CET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- cingulata* (MATSUMURA, 1917): Ent. Mag., Kyoto, **2**(4): pl. VI, fig. 15; Ent. Mag., Kyoto, **3**(1): 21 (*Eusyrphus*). Type-locality: "Hokkaido (Sapporo)". In *Melangyna* a junior secondary homonym of *Melanostroma cingulata* EGGER, 1860.
- yezoensis* (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 13 (*Stenosyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- constricta** (MATSUMURA, 1917): Ent. Mag., Kyoto, **2**(4): pl. VI, fig. 14; Ent. Mag., Kyoto, **3**(1): 19 (*Mesosyrphus*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan.
- elongata* (MATSUMURA, 1917): Ent. Mag., Kyoto, **3**(1): 20 (*Mesosyrphus*, as var. of *constrictus*). Type-locality: "Hokkaido (Sapporo, Urakawa)" (Japan).
- ericarum** (COLLIN, 1946): Entomologist's Rec. J. Var., **58**: 117 (*Syrphus*). Type-locality: "Strathspey district of Invernesshire, Glen Shin (Sutherland), at Aviemore" (Great Britain).—Distr.: Europe: GB, DK, NL.

- kolomyietzi** (VIOLOVITSH, 1965): *Novye i maloizvestnye vidy fauny Sibiri*, 1: 10 (*Syrphus*). Type-locality: Mt. Tannu-Ola, environs of Lake Chagytay (USSR).—Distr.: USSR: WS (Tuva).
- labiatarum** (VERRALL, 1901): *British flies*, 8: 415 (*Syrphus*). Type-localities: “near Barton Mills in Suffolk, at Chippenham Fen in Cambridgeshire, in Wyre Forest, Sutton Park in Warwickshire, Forest of Dean in Gloucestershire and Tarrington in Herefordshire” (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, PL, CH, R.
- lasiophthalma** (ZETTERSTEDT, 1843): *Dipt. Scand.*, 2: 735 (*Scaeva*). Type-locality: “ad Holmiam” [= Stockholm] (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CS, CH, A, E, YU, R, BG; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan.
- sexguttata* (MEIGEN, 1835): *Faunus* (Gistel’s), 2: 69 and *Syst. Besch.*, 7(1838): 135 (*Syrphus*). Type-locality: not given (“Umgegend von München”) [D].
- saghalinensis* (MATSUMURA et ADACHI, 1917): *Ent. Mag.*, Kyoto, 3(1): 15 (*Stenosyrphus*, as var. of *lasiophthalmus*). Type-localities: “Saghalien (Shiska, Motodomari)” [= Sakhalin: Poronaysk, Vostochnyi].
- nikkoensis* (MATSUMURA, 1918): *J. Coll. Agric. Hokkaido imp. Univ.*, 8(1): 12 (*Stenosyrphus*). Type-locality: “Honshu (Nikko)” (Japan).
- lucifera** NIELSEN, 1980: *Ent. scand.*, 11: 310 (*Melangyna*). Type-locality: “Espeland (EIS 7), Ry: Sandnes” (Southern Norway).—Distr.: Europe: N; USSR: ES (Yakutia), FE (Khabarovsk and Primorye Territories).
- nielseni** VIOLOVITSH, 1982: *Helminty, kleshchi i nasekomye* (*Novye i maloizvestnye vidy fauny Sibiri*, 16): 54 (*Melangyna*). Type-locality: Baikal, Barguzinskiy Reservation (USSR).—Distr.: USSR: ES.
- obscurata** (RINGDAHL, 1928): *Ent. Tidskr.*, 49: 19 (*Syrphus*). Type-localities: “bei Gällivara und bei Abisko” (Sweden).—Distr.: Europe: S, SF.
- ochreolinea** (HULL, 1944): *Psyche*, 51: 24 (*Syrphus*). Type-locality: “Nikko, Japan”.—Distr.: Asia: Japan.
- olsufjevi** (VIOLOVITSH, 1956): *Zool. Zh.*, 35(5): 742 (*Syrphus*). Type-locality: environs of Yuzhno-Sakhalinsk (USSR).—Distr.: USSR: FE (Sakhalin, Khabarovsk and Primorye Territories).
- pavlovskiyi** (VIOLOVITSH, 1956): *Zool. Zh.*, 35(5): 741 (*Syrphus*). Type-locality: Sakhalin: environs of Yuzhno-Sakhalinsk (USSR).—Distr.: USSR: FE (Sakhalin, Khabarovsk and Primorye Territories).
- quadrimalculata** (VERRALL, 1873): *Entomologist’s mon. Mag.*, 9: 281 (*Melanostoma*). Type-localities: “in Scotland, at Kinnoull, at Braemar, . . . from one of the northern English counties” (Great Britain).—Distr.: Europe: SF, IRE, GB, DDR, YU, R; USSR: CET, ES, FE.
- maricolor* ENDERLEIN, 1938: *Sber. Ges. naturf. Freunde Berl.*, 1937(4-7): 197 (*Melangyna*, as var. of *quadrimalculata*). Type-locality: “Nebra” [DDR].
- sapporensis** (MATSUMURA, 1918): *J. Coll. Agric. Hokkaido imp. Univ.*, 8(1): 13 (*Stenosyrphus*). Type-locality: “Hokkaido (Sapporo)” (Japan).—Distr.: Asia: Japan.

- stackelbergi** VILOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 124 (*Melangyna*). Type-locality: Khakassia, environs of Kubayka (USSR).—Distr.: USSR: WS (Khakassia).
- tsherepanovi** (VILOVITSH, 1965): Novye i maloizvestnye vidy fauny Sibiri, 1: 7 (*Syrphus*). Type-locality: Mt Tannu-Ola, environs of Pass Khundurgun (USSR).—Distr.: USSR: WS (Tuva), ES (Yakutia).
- umbellatarum** (FABRICIUS, 1794): Entom. syst., 4: 307 (*Syrphus*). Type-locality: "Hafnia" [= Copenhagen] (Denmark).—Distr.: Europe: SF, IRE, GB, DK, NL, B, L, D, PL, CH, I, YU, R, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region.
- amoena** (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 35 and Isis (Oken's) 1840(VII—VIII): 575 (*Syrphus*). Type-locality: not given ("Grossherzogthum Posen") [= Poznań] (Poland).

Subgenus MELIGRAMMA FREY, 1946

- FREY, 1946: Notul. ent., 25: 165 (as subgenus of *Epistrophe* WALKER 1852).
Type-species: *Scaeva guttata* FALLÉN, 1817: Syrphici Sveciae, 5: 44 (orig. des.).
- cincta** (FALLÉN, 1817): Syrphici Sveciae: 45 (*Scaeva*). Type-locality: "Scaniae" [= prov. Skåne] (Sweden).—Distr.: Europe: S, SF, IRE, GB, DK, NL, B, D, PL, CH, E, YU, R, BG; USSR: NET, SET, TC, FE (Primorye Territory).
- placida** (MEIGEN, 1822): Syst. Besch., 3: 322 (*Syrphus*). Type-locality: not given (Europe).
- cingulata** (EGGER, 1860): Verh. zool.-bot. Ges. Wien, 10: 663 (*Melanostoma*). Type-locality: "Austria, Alpes, . . . Wiener Schneeberg".—Distr.: Europe: F, CH, A, YU, R.
- guttata** (FALLÉN, 1817): Syrphici Sveciae: 44 (*Scaeva*). Type-localities: "Esperöd Scaniae et in Ostrogothia" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CH, R; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE; Nearctic Region.
- flavifrons** (VERRALL, 1873): Entomologist's mon. Mag., 9: 256 (*Syrphus*). Type-locality: "Rannoch" (Scotland, Great Britain).
- savtshenkoi** (VILOVITSH, 1965): Novye i maloizvestnye vidy fauny Sibiri, 1: 11 (*Syrphus*). Type-locality: Mt East Tannu-Ola, environs of Lake Chagytay (USSR).
- sajanica** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 75 (*Melangyna*). Type-locality: Khakassia, W Sayan, Kubayka (USSR).

triangulifera (ZETTERSTEDT, 1843): Dipt. Scand., 2: 737 (*Scaeva*). Type-localities: "in Ostrogothia ad Gusum & in Uplandia ad Holmiam; inter diversoria Fanbyn & Grimmäs Jemtlandiae" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CH, YU, R; USSR: NET, CET, SET, WS, ES, FE; Nearctic Region

Meliscaeva FREY, 1946

FREY, 1946: Notul. ent., 25: 164 (as subgenus of *Epistrophe* WALKER, 1852).

Type-species: *Scaeva cinctella* ZETTERSTEDT, 1843: Dipt. Scand., 2: 742 (orig. des.).

auricollis (MEIGEN, 1822): Syst. Besch., 3: 318 (*Syrphus*). Type-locality: not given (Europe).—Distr.: all parts of Europe; USSR: NET, CET, SET, TC, SMA (Tu); North Africa: Morocco; Canary Is.

decora (MEIGEN, 1822): Syst. Besch., 3: 319 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].

iris (MEIGEN, 1822): Syst. Besch., 3: 320 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].

modesta (MEIGEN, 1822): Syst. Besch., 3: 323 (*Syrphus*). Type-locality: "Österreich" (Austria).

macilenta (MEIGEN, 1838): Syst. Besch., 7: 135 (*Syrphus*). Type-locality: not given (Europe).

maculicornis (ZETTERSTEDT, 1843): Dipt. Scand., 2: 736 (*Scaeva*). Type-locality: "Suecia meridionali & media; . . . Scania ad Lund, Fogelsång & Östra Torp; & in Gottlandia" (Sweden); "insula Helgolandia" [D]; & prope Reinerz Silesiae" (Poland).

nigritibia (RONDANI, 1857): Dipt. Ital. Prodromus, 2: 130 (*Syrphus*). Type-locality: "agri parmensi" [= Parma] (Italy).

cinctipes (ZETTERSTEDT, 1859): Dipt. Scand., 13: 6000 (*Scaeva*). Type-locality: "Scania: ad Lindholmen" (Sweden).

fusca (PALMA, 1863): Ann. Accad. aspir. Natur. Napoli, (3) 3: 55 (*Syrphus*). Type-locality: "Sanseverino" [= near Naples] (Italy).

discolor (SANTOS ABREU, 1924): Mem. R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 56 (*Syrphus*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).

intermedia (SANTOS ABREU, 1924): Mem. R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 53 (*Syrphus*, as var. of *auricollis*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).

thoracicus (SANTOS ABREU, 1924): Mem. R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 42 (*Syrphus*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).

- cinctella** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 742 (*Scaeva*). Type-localities: "Scania; Ostrogothia ad Lärketorp & Wadstena; Dalhem Calmariae; Gottlandia ad Ruthe, Nähr & Wamblingbo; Lapponia Umensi ad Wilhelmina, Almsele & Frederica; in Norvegia ad Östre Naes Vaerdaliae" (Sweden, Norway).—Distr.: all parts of Europe; USSR: NET, CET, SET, TC, SMA (Tu), WS, ES, FE; Asia: Mongolia, Japan; Nearctic and Oriental Regions.
- unifasciata* (STROBL, 1909): Mitt. naturw. Ver. Steierm., 46: 98 (*Syrphus*, as var. of *cinctellus*). Type-locality: "Krummholzregion des Kalbling" [= near Admont] (Austria).
- ovalis** NAYAR, 1978: Polskie Pismo ent., 48(4): 537 (*Meliscaeva*). Type-locality: "Benghazi, Libya".—Distr.: North Africa: Libya.

Metasyrphus MATSUMURA, 1917

- MATSUMURA in MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 2(4): 134 (in key) and 147.
Type-species: *Syrphus corollae* FABRICIUS: 1794: Entom. syst., 4: 306 (orig. des.).
- Macrosyrphus* MATSUMURA in MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, figs 16, 23 (as subgenus of *Syrphus* FABRICIUS, 1775). Type-species: *Syrphus okinawae* MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 16 (subsequent designation by MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, 3(1): 23) [= *okinawensis* (MATSUMURA, 1916)].
- Scaevosyrphus* DUŠEK and LÁSKA, 1967: Acta sci. nat. Brno, 1: 367 (as subgenus of *Metasyrphus* MATSUMURA, 1917). Type-species: *Syrphus lundbecki* SOOT-RYEN, 1946: Ent. Tidskr., 67(4): 196 (orig. des.).
- Beszella* HIPPA, 1968: Acta ent. fenn., 25: 36 (as subgenus of *Scaeva* FABRICIUS, 1805). Type-species: *Scaeva lapponica* ZETTERSTEDT, 1838: Insecta Lapp.: 588 (orig. des.).
- Lapposyrphus* DUŠEK et LÁSKA, 1967: see below as subgenus.

Subgenus LAPPOSYRPHUS DUŠEK et LÁSKA, 1967

- DUŠEK and LÁSKA, 1967: Acta sci. nat. Brno, 1: 367 (as subgenus of *Metasyrphus* MATSUMURA, 1917).
Type-species: *Scaeva lapponica* ZETTERSTEDT, 1838: Insecta Lapp.: 598 (orig. des.).
- lapponicus** (ZETTERSTEDT, 1838): Insecta Lapp.: 598 (*Scaeva*). Type-localities: "in Lapponia Tornensi, ad Kihlangi, Muonioniska et Juckasjervi; ad Lycksele Lapponiae Umensis; ad Stensele (Lappon. Suecica)"

(Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CH, P, BG; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region.

sibiricus (KANERVO, 1938): *Annl. ent. fenn.*, **4**(3): 156 (*Syrphus*, as var. of *lapponicus* ZETTERSTEDT). Type-locality: "Fl. Lena, Shigansk" (USSR: Yakutia).

Subgenus METASYRPHUS MATSUMURA, 1917

- abiskoensis** DUŠEK et LÁSKA, 1973: *Acta ent. bohemoslov.*, **70**(6): 424 (*Metasyrphus*). Type-locality: "Sweden, T. lpm., Abisko".—Distr.: Europe: S.
- agitatus** (MATSUMURA, 1918): *J. Coll. Agric. Hokkaido imp. Univ.*, **8**(1): 23 (*Syrphus (Macrosyrphus)*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- aino** (MATSUMURA, 1917): *Ent. Mag., Kyoto*, **2**(4): pl. VI, fig. 23; *Ent. Mag., Kyoto* **3**(1): 27 (*Syrphus (Macrosyrphus)*) and *J. Fac. Agric. Hokkaido imp. Univ.*, **8**(1) (1918): 19 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Amur region, Khabarovsk and Primorye Territories); Asia: Japan (Hokkaido, Honshu, Kyushu).
- shibakawae* (MATSUMURA, 1917): *Ent. Mag., Kyoto*, **2**(4): pl. VI, fig. 20 (*Syrphus*); *Ent. Mag., Kyoto*, **3**(1): 36 (*Syrphus (Syrphus)*). Type-localities: "Hokkaido (Sapporo), Honshu (Minomo near Osaka)" (Japan).
- asiaticus** (PECK, 1972): *Ent. Obozr.*, **51**(3): 648 (*Syrphus (Metasyrphus)*). Type-locality: Kirghizia, valley of r. Chatkal (Soviet Middle Asia)—Distr.: USSR: SMA (Ki).
- beppuensis** (MATSUMURA, 1918): *J. Coll. Agric. Hokkaido imp. Univ.*, **8**(1): 22 (*Syrphus (Macrosyrphus)*). Type-locality: "Kiushiu (Oita)" (Japan).—Distr.: Asia: Japan.
- borealis** DUŠEK et LÁSKA, 1973: *Acta ent. bohemoslov.*, **70**(6): 423 (*Metasyrphus*). Type-locality: "USSR, Kola peninsula, Ponoj".—Distr.: USSR: NET.
- confrater** (WIEDEMANN, 1830): *Aussereurop. zweifl. Insekt.*, **2**: 120 (*Syrphus*). Type-locality: "China".—Distr.: Asia: China, Japan; Oriental Region, New Guinea.
- corollae** (FABRICIUS, 1794): *Entom. syst.*, **4**: 306 (*Syrphus*). Type-locality: "Kilia" [= Kiel] [D].—Distr.: all parts of Europe and USSR; Asia: Iran, Mongolia, North China, Japan; North Africa: Morocco, Algeria, Tunisia, Egypt; Oriental Region, Tasmania.
- pyrorum* (SCHRANK, 1803): *Fauna boica*, **3**(1): 114 (*Musca*). Type-locality: not given (Baiern) [= Bavaria] [D].
- olitorius* (FALLÉN, 1817): *Syrphici Sveciae*: 43 (*Scaeva*). Type-locality: not given (Svecia) (Sweden).

- lacerus* (MEIGEN, 1822): Syst. Besch., 3: 301 (*Syrphus*). Type-locality: not given ("aus dem Kaiserl. Königl. Museum") (?Austria).
- crenatus* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 243 and Ins. Dipt., 4: 95 (*Syrphus*). Type-locality: "Nord de la France".
- flaviventris* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 240 and Ins. Dipt., 4: 92 (*Syrphus*). Type-locality: "Nord de la France".
- fulvifrons* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 240 and Ins. Dipt., 4: 92 (*Syrphus*). Type-locality: "Nord de la France".
- terminalis* (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 135 (*Syrphus*). Type-locality: "Egypten" (Egypt).
- disjunctus* (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, 1841(1): 148 and Dipt. exot., 2(2): 88 (*Syrphus*). Type-locality: "Alger".
- algius* (MACQUART in LUCAS, 1849): Explor. scient. Algérie, Zool., 3: 469, pl. 4, fig. 11 (*Syrphus*). Type-locality: "environs d'Alger" (Algeria).
- berber* (BIGOT, 1884): Annl. Soc. ent. Fr., (6) 4: 87 (*Syrphus*). Type-locality: "Maroc" (Morocco).
- pallidus* (BIGOT, 1888): Explor. scient. Tunisie, Paris: 6 (*Syrphus*, as var. of *corollae*). Type-localities: "Oued Leben, Djebel Berd" (Algeria, Tunisia).
- diminutus** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 20 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- fallax** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 19 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- flaviceps** (RONDANI, 1857): Dipt. Ital. Prodrömus, 2: 133 (*Syrphus*). Type-locality: "agri parmensis" [= Parma] (Italy).—Distr.: Europe: D, PL, CS, A, I, YU; USSR: TC.
- braueri* (EGGER, 1858): Verh. zool.-bot. Ges. Wien, 8: 714 (*Syrphus*). Type-locality: "Wiener Schneeberg" [near Vienna] (Austria).
- hakiensis** (MATSUMURA, 1917): Ent. Mag., Kyoto, 3(1): 26 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Kiushu (Haki near Kumamoto)" (Japan).—Distr.: Asia: Japan (Shikoku, Kyushu).
- hideonis** MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 9 (*Metasyrphus*). Type-locality: not given (Japan).—Distr.: Asia: Japan.
- indistinctus** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 18 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- ishiyamensis** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 18 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- isshikii** (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 24 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Honshu (Wakayama)".—Distr.: Asia: Japan (Honshu).

- jezoensis** MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 11 (*Metasyrphus*).
Type-locality: not given (Japan).—Distr.: Asia: Japan.
- karafutonis** MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): 148 (*Metasyrphus*). Type-locality: “Saghalien (Motodomari, Ohtani)” (Sakhalin).—Distr.: USSR: FE (Sakhalin).
- kawaguchii** MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): 149, pl. VI, fig. 10 (*Metasyrphus*). Type-locality: “Saghalien (Motodomari)” [= Sakhalin: Vostochnyi].—Distr.: USSR: FE (Sakhalin).
- kawamurae** MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 12 (*Metasyrphus*). Type-locality: not given (Japan).—Distr.: Asia: Japan.
- klapperichi** DUŠEK et LÁSKA, 1980: Acta ent. bohemoslov., 77: 121 (*Metasyrphus*). Type-locality: “Afghanistan, Gebirge Badakschan, Sarekanda”.—Distr.: Asia: Afghanistan.
- komabensis** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 21 (*Metasyrphus*). Type-locality: “Honshu (Tokyo)” (Japan).—Distr.: Asia: Japan.
- kuroiwae** (MATSUMURA, 1917): Ent. Mag., Kyoto, 3(1): 25 (*Syrphus* (*Macrosyrphus*)). Type-locality: “Okinawa (Naha)” (Japan).—Distr.: Asia: Japan.
- lambecki** DUŠEK et LÁSKA, 1973: Acta ent. bohemoslov., 70(6): 422 (*Metasyrphus*). Type-locality: “France, Corsica, Bonifacio”.—Distr.: Europe: F (Corsica).
- latifasciatus** (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 242 and Ins. Dipt., 4: 94 (*Syrphus*). Type-locality: “Arras” (France).—Distr.: all parts of Europe and USSR; Asia: Syria, Afghanistan, Mongolia; Nearctic and Oriental Regions.
- affinis* (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 35 and Isis (Oken’s), 1840(VII–VIII): 574 (*Syrphus*). Type-locality: not given (“Grossherzogthum Posen”) [= Poznań] (Poland).
- abbreviatus* (ZETTERSTEDT, 1849): Dipt. Scand., 8: 3136 (*Scaeva*). Type-localities: “in Lapponia Lulensi; in Lapponia Umensi, Glogava” (Sweden).
- affinis* (PALMA, 1863): Ann. Accad. aspir. Natur. Napoli, (3) 3: 52 (*Syrphus*). Type-locality: “Sanseverino” [= near Naples] (Italy). A junior primary homonym of *Syrphus affinis* LOEW, 1840.
- submaculatus* (FREY, 1918): Acta Soc. Fauna Flora fenn., 46(2): 13 (*Syrphus*, as var. of *latifasciatus*). Type-locality: not given (“in einem Garten in der Stadt”) (Finland).
- latilunulatus** (COLLIN, 1931): Entomologist’s mon. Mag., 67: 178 (*Syrphus*). Type-localities: “Monifieth (Forfarshire), Nethy Bridge (Inverness), Stowford Cleave (Devon)” (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, PL, F, P.

- latimacula** (PECK, 1969): Ent. Obozr., **48**(1): 203 (*Syrphus*). Type-locality: Kirghizia, Tien Shan, Sary-Dzhaz valley (USSR).—Distr.: USSR: SMA (Ki); Asia: Mongolia.
- libyensis** NAYAR, 1978: Polskie Pismo ent., **48**(4): 539 (*Metasyrphus*). Type-locality: "Benghazi, Libya".—Distr.: North Africa: Libya.
- lundbecki** (SOOT-RYEN, 1946): Ent. Tidskr., **67**(4): 196 (*Syrphus*, new name for *Syrphus arcuatus*: LUNDBECK, 1916: Dipt. Danica, **5**: 311, misidentification, not FALLÉN, 1817). Type-locality: "vicinity of Copenhagen" (Denmark).—Distr.: Europe: SF, DK, NL, D, DDR, PL, CH; USSR: NET, CET, SET, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia.
- altaicus** (VIOLOVITSH, 1975): Ent. Obozr., **54**(1): 178 (*Scaeva*). Type-locality: Altai, Lake Teletskoe, environs of Artybash (USSR).
- luniger** (MEIGEN, 1822): Syst. Besch., **3**: 300 (*Syrphus*). Type-locality: not given ("aus der Baumhauerischen Sammlung") (Europe).—Distr.: all parts of Europe and USSR; Asia: Afghanistan, Mongolia, Japan; North Africa: Morocco, Tunisia; Canary Is; Nearctic and Oriental Regions.
- nigrifemoratus** (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 241 and Ins. Dipt., **4**: 93 (*Syrphus*). Type-locality: "Nord de la France".
- nigrofemoratus**: MEIGEN, 1838: Syst. Besch., **7**: 132 (*Syrphus*); error or emend.
- bucculatus** (RONDANI, 1857): Dipt. Ital. Prodr., **2**: 134 (*Syrphus*). Type-locality: "agri parmensis" [= Parma] (Italy).
- maricolor** (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde Berl., **1937**(4–7): 210 (*Syrphus*, as var. of *luniger*). Type-localities: "Harz" (Germany); "Andalusien" (Spain); "Italien (Triest)" (Italy); "Dalmatien (Ragusa)" [= Dubrovnik] (Yugoslavia).
- azureus** (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 63 (*Syrphus*, as var. of *luniger*). Type-localities: "Österreich und Túrkeve (Mittelungarn)" (Austria and Hungary).
- transcendens** (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 62 (*Syrphus*, as var. of *luniger*). Type-locality: "Mária-Besnyő" (Hungary).
- medius** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 17 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- misomapennis** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 17 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- nakajimensis** (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 24 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- nielseni** DUŠEK et LÁSKA, 1976: Acta ent. bohemoslov., **73**(4): 266 (*Metasyrphus*). Type-locality: "Finland, Ks., Salla".—Distr.: Europe: SF, NL, DK; USSR: CET (La).

- nitens** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 712 (*Scaeva*). Type-locality: "in Ostrogothia; ad Lärketorp" (Sweden).—Distr.: all parts of Europe and USSR; Asia: Afghanistan, Mongolia, Korea, Japan.
- bisinuatus* (PALMA, 1863): Ann. Accad. aspir. Natur. Napoli, (3) 3: 53 (*Syrphus*). Type-locality: "Cancello" [= near Acerra] (Italy).
- frequens* MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): 148, pl. VI, fig. 8 (*Metasyrphus*). Type-localities: "Hokkaido, Honshu, Kiushu" (Japan).
- abbreviatus* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 127 (*Syrphus*, as var. of *nitens*). Type-locality: "Südliche Lappland in Sodankylä" (Finland).
- errans* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 128 (*Syrphus*, as var. of *nitens*). Type-locality: "Karjalohja im südlichen Finnland".
- nuba** (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 136 (*Syrphus*). Type-locality: "Nubien" (Sudan).—Distr.: Europe: F, YU; USSR: TC, SMA (Uz, Ki, Tu, Tj); Asia: Afghanistan, Mongolia; North Africa: Morocco, Egypt; Afrotropical Region.
- interrumpens* (WALKER, 1871): Entomologist, 5: 273 (*Syrphus*). Type-locality: "Cairo, Wādy Nash" (Egypt).
- rufinasutus* (BIGOT, 1884): Annl. Soc. ent. Fr., (6) 4: 88 (*Syrphus*). Type-locality: "Maroc" (Morocco).
- novigradensis* (COE, 1960): Proc. R. ent. Soc. Lond., 29(5-6): 73 (*Syrphus*). Type-locality: "Dalmatia: Novi-Grad" (Yugoslavia).
- okinawensis** (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 258, pl. XVIII, fig. 2 (*Syrphus*). Type-locality: "Okinawa" (Japan).—Distr.: Asia: Japan (Kyushu, Okinawa).
- okinawae* (MATSUMURA, 1917): Ent. Mag., Kyoto, 2(4): pl. VI, fig. 16; Ent. Mag., Kyoto, 3(1): 23 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Kiushu (Kumamoto), Okinawa (Naha)" (Japan).
- pseudonitens** DUŠEK et LÁSKA, 1980: Acta ent. bohemoslov., 77: 125 (*Metasyrphus*). Type-locality: "Afghanistan, Nuristan, Bashgultal".—Distr.: Asia: Afghanistan.
- punctifer** (FREY in KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 125 (*Syrphus*). Type-localities: "Nautsi.; Utsjoki, Ivalo, Enontekiö auf dem Fjeld Malla, Sodankylä und vom russischen Lappland: Gavrilovo, Ponoj, Bäloguba, Kantalahti, Kusomen" (USSR: Murmansk region; Finland). "USSR, Lps. (Petsamo, Nautsi)" (lectotype des. DUŠEK and LÁSKA, 1976: Acta ent. bohemoslov., 73(4): 272).—Distr.: Europe: SF; USSR: NET, CET (La, Li), WS, ES, FE; Asia: Mongolia.
- corolloides* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 127 (*Syrphus*, as var. of *punctifer*). Type-locality: "Fjeld Kammikivi" (USSR, Murmansk region).

- riukiensis** (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 24 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Okinawa (Riukiu)" (Japan).—Distr.: Asia: Japan.
- sasayamanus** (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 22 (*Syrphus* (*Macrosyrphus*)). Type-locality: "Shikoku (Mt. Sasa in Tosa)" (Japan).—Distr.: Asia: Japan.
- shirakii** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 16 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- spurius** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 20 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- stackelbergi** DUŠEK et LÁSKA, 1980: Acta ent. bohemoslov., **77**: 122 (*Metasyrphus*). Type-locality: "Afghanistan, Gebirge Badakschan, Sarekanda".—Distr.: Asia: Afghanistan.
- stenopus** MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): 151 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan.
- tirolensis** DUŠEK et LÁSKA, 1973: Acta ent. bohemoslov., **70**(6): 425 (*Metasyrphus*). Type-locality: "Austria, Tirol, Obergurgl".—Distr.: Europe: A.
- tjanschanicus** (PECK, 1966): Ent. Obozr., **45**(1): 189 (*Syrphus*). Type-locality: Kirghizia, Sary-Dzhaz valley.—Distr.: USSR: SMA (Ki); Asia: Afghanistan.
- tshatkalensis** (PECK, 1972): Ent. Obozr., **51**(3): 648 (*Syrphus* (*Metasyrphus*)). Type-locality: Kirghizia, Chatkal valley.—Distr.: USSR: SMA (Ki).
- vandergooti** DUŠEK et LÁSKA, 1973: Acta ent. bohemoslov., **70**(6): 421 (*Metasyrphus*). Type-locality: "France, Corsica, Asco, Forêt de Stranciocone".—Distr.: Europe: F (Corsica), I.
- verruciventris** (PECK, 1966): Ent. Obozr., **45**(1): 188 (*Syrphus*). Type-locality: Kirghizia, Chon-Kemin valley (USSR).—Distr.: USSR: SMA (Ki); Asia: Mongolia.

Doubtful species of *Metasyrphus*

- consisto* (HARRIS, [1780]): Expos. Eng. Ins.: 112 (*Musca*). Type-locality: not given (England).
- vorax* (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, **2**: 486 (*Musca*). Type-locality: "Paris" (France).

Parasyrphus MATSUMURA, 1917

MATSUMURA in MATSUMURA and ADACHI, 1917: Ent. Mag., Kyoto, **2**(4): pl. VI, fig. 19 (as subgenus of *Syrphus* FABRICIUS 1775).

Type-species: *Syrphus aeneostoma* MATSUMURA, 1917: Ent. Mag., Kyoto, **2**(4): pl. VI, fig. 19; Ent. Mag., Kyoto, **3**(1): 39 (mon.).

- Phalacrodira* ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., 1937(4-7): 205.
Type-species: *Scaeva tarsata* ZETTERSTEDT, 1838: Insecta Lapp.: 601 (orig. des.).
- aeneostoma** (MATSUMURA, 1917): Ent. Mag., Kyoto, 2(4): pl. VI, fig. 19; Ent. Mag., Kyoto, 3(1): 39 (*Syrphus* (*Parasyrphus*)). Type-locality: "Honshu (Nikko)" (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories); Asia: Japan.
- annulatus** (ZETTERSTEDT, 1838): Insecta Lapp.: 604 (*Scaeva*). Type-localities: "in Lapponia meridionali ad Wilhelmina Lapponiae Umensis (Lapponia Suecica; Gothlandia; Scania)" (Sweden).—Distr.: Europe: S, GB, DK, NL, D, PL, B, L, F, CH, CS, I, YU; USSR: NET, CET, TC, WS, ES, FE; Asia: Mongolia, Japan.
- sinuatus* (PALMA, 1863): Ann. Accad. aspir. Natur. Napoli, (3) 3: 51 (*Syrphus*). Type-locality: "Napoli" (Italy).
- zetterstedti* (VERHOEFF, 1891): Ent. Nachr., 17: 360 (*Syrphus*). Type-locality: "am Südabhange des Venusberges bei Bonn" [D].
- dryadis** (HOLMGREN, 1869): K. svenska VetenskAkad. Handl., 8: 26 (*Scaeva*). Type-locality: "ad Advent Bay Spetsbergiae" [= Spitsbergen] (Norway).—Distr.: Europe: S, N; USSR: NET, WS, ES.
- latifrons* (RINGDAHL, 1928): Ent. Tidskr., 49: 19 (*Syrphus*; as n.sp. or var. of *tarsatus* ZETTERSTEDT). Type-locality: "Vällistafjällen im westlichen Jämtland" (Sweden). A junior primary homonym of *S. latifrons* SCHUMMEL, 1836.
- kirgizorum** (PECK, 1969): Ent. Obozr., 48(1): 201 (*Syrphus*). Type-locality: Kirghizia, Tien Shan, Koilyu valley.—Distr.: USSR: SMA (Ki).
- levinae** (VIOLOVITSH, 1975): Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 76 (*Mesosyrphus*). Type-locality: Altai, Lake Teletskoe, village Artybash (W Siberia).—Distr.: USSR: WS (Altai, Khakassia).
- lineolus** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 714 (*Scaeva*). Type-localities: "in Scandinavia media & boreali. . .; in Ostrogothia ad Hărădshammar & Gusum, ad Omberg prope Wadstena; in Uplandia ad Holmiam; im Jemtlandia ad radicem Areskutan" (Sweden).—Distr.: Europe: S, GB, DK, NL, B, L, D, PL, F, CH, CS, A, YU, R, BG; USSR: NET, CET, WS, ES, FE; Asia: Mongolia, China (Szechuan); Nearctic Region.
- macularis** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 730 (*Scaeva*). Type-locality: "Jemtlandia" (Sweden).—Distr.: Europe: S, D, PL, F, CH, YU, R; USSR: NET; Nearctic Region.
- malinellus** (COLLIN, 1952): Proc. R. ent. Soc. Lond. (B), 21: 35 (*Syrphus*). Type-localities: "near Crowborough (Sussex), at Holmsley (Hants), near Grantown-on-Spey (Scotland)" (Great Britain); "Switzerland".—Distr.: Europe: IRE, GB, DK, NL, B, L, D, PL, F, CH, BG; USSR: CET (Leningrad region, La), ES (Yakutia), FE (Khabarovsk Territory).

- montanus** (PECK, 1972): Ent. Obozr., **51**(3): 646 (*Syrphus*). Type-locality: Kirghizia, Kirghizian Mts, Canyon Ala-Archa.—Distr.: USSR: SMA (Ki).
- nigritarsis** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 710 (*Scaeva*). Type-locality: “in paroecia Håradshammar Ostrogothiae” (Sweden).—Distr.: Europe: S, GB, DK, B, NL, D, PL, CH, CS; USSR: NET, CET (Leningrad region, La), TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- nigrigena** (MATSUMURA, 1917): Ent. Mag., Kyoto, **3**(1): 40 (*Syrphus* (*Parasyrphus*)). Type-locality: “Honshu (Nikko)”.
- punctulatus** (VERRALL, 1873): Entomologist’s mon. Mag., **9**: 254 (*Syrphus*). Type-localities: “near Shirley Common, at the Plashett Wood, near Lewes, at Boxhill and here (Denmark Hill)” (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, L, PL, F; USSR: NET, CET (Leningrad region, La), TC, WS (Altai), FE (Khabarovsk Territory); Asia: Japan (Hokkaido, Honshu).
- relictus** (ZETTERSTEDT, 1838): Insecta Lapp.: 603 (*Scaeva*). Type-locality: “in Lapponia Umensis, ad Lycksele (Lappon. meridionalis)” [= Lycksele, Västerbotten] (Sweden).—Distr.: Europe: S; USSR: WS.
- tarsatus** (ZETTERSTEDT, 1838): Insecta Lapp.: 601 (*Scaeva*). Type-localities: “in Lapponia passim; ad Pello, Kihlangi et Torneatrask Lapponiae Tornensis, ad Lycksele et in Brattiksfjell Lapponiae Umensis; in inferalpinus Nordlandiae, et ad Ofotenfjord ut et ad Giebostad (Lapponia)” (Sweden).—Distr.: Europe: IS, N, S, PL, CH, R; USSR: NET, WS, ES, FE; Asia: Mongolia; Nearctic Region.
- distinctus** (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 124 (*Syrphus*, as var. of *tarsatus*). Type-localities: “Fjeld Kammikivi; Parkkino auf dem Fjeld Porovaara; Pummanki; Salmijärvi” (USSR, Murmansk region).
- immaculatus** (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 125 (*Syrphus*, as var. of *tarsatus*). Type-locality: “Fjelden Petsamontunturit; Parkkino” (SW Pechenga).
- scutellatus** (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 125 (*Syrphus*, as var. of *tarsatus*). Type-locality: “Fjeld Kammikivi; Parkkino, auf den Fjelden Porovaarantunturit” (USSR, Murmansk region).
- unifasciatus** (ZETTERSTEDT, 1838): Insecta Lapp.: 603 (*Scaeva*). Type-localities: “ad Lycksele et in alpe Brattiksfjell Lapponiae Umensis (Lapponia)” (Sweden).—Distr.: Europe: S, F, CH, R.
- vittiger** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 715 (*Scaeva*). Type-localities: “in Scandinavia boreali . . . ; in Lapponia Umensi ad Lycksele & Asele, ut & in Norvegia ad Naes Vaerdaliae” (Sweden, Norway).—Distr.: Europe: N, S, IRE, GB, DK, NL, D, PL, B, F, CH, I, YU, R; USSR: NET, CET, TC, ES, FE (Khabarovsk Territory); Asia: Mongolia.

Scaeva FABRICIUS, 1805

FABRICIUS, 1805: Syst. antl.: 248.

Type-species: *Musca pyrastris* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 594 (des. CURTIS, 1834: Brit. Ent., 8: pl. 509).

Lasiophthicus RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 459. Type-species: *Musca pyrastris* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 594 (orig. des.).

Catabomba OSTEN SACKEN, 1877: Bull. U.S. geol. geogr. Surv. Ter., 3: 326. Type-species: *Musca pyrastris* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 594 (mon.).

albomaculata (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, 1841(1): 146 and Dipt. exot., 2(2): 86 (*Syrphus*). Type-localities: "Mont-Sinai" (Egypt), "Alger" (Algeria).—Distr.: Europe: GB, F, A, P, E, I, YU, R; USSR: CET (La), SET, TC, KZ, SMA, WS (Tuva); Asia: Lebanon, Afghanistan, Mongolia, N China; North Africa: Morocco, Algeria, Tunisia, Egypt; Madeira, Canary Is.

gemellarii (RONDANI, 1846): Ann. Accad. aspir. Natur. Napoli, 3: 157 (*Lasiophthicus*). Type-locality: "ad montem Aetnam" [= Etna] (Italy).

sulphurea (SACK in VISSER, et al., 1935): Wissenschaft. Ergebn. Niederl. exped. Karakorum, 1: 401 (*Lasiophthicus*; as var. of *albomaculatus*). Type-locality: "Karakash valley, between Kawak pass and Sanja" [= Karakorum Mts] (China).

scufina (DZHAFAROVA, 1974): Uchen. Zap. Azerb. Univ., (Ser. biol.), 1: 42 (*Olbiosyrphus*). Type-locality: "Agdzhabedi district" (USSR, Azerbaijan).

dignota (RONDANI, 1857): Dipt. Ital. Prodromus, 2: 141 (*Lasiophthicus*). Type-locality: "agro parmensi" [= Parma] (Italy).—Distr.: Europe: CS, I, CY; USSR: SET (Uk), TC (Ge, Arm, Az); Asia: Turkey, Israel; North Africa: Algeria.

odessana (PARAMONOV, 1924): Konowia, 3(4/6): 249 (*Catabomba*). Type-locality: "Strande des Schwarzen Meeres bei Odessa".

etnensis (VAN DER GOOT, 1964): Zool. Meddn, 39: 428 (*Syrphus*). Type-locality: "Italia, Sicilia, Etna, Rifugio Filicusa".

komabensis (MATSUMURA, 1917): Ent. Mag., Kyoto, 2(4): 146, pl. VI, fig. 7 (*Catabomba*). Type-locality: "Honshu (Komaba in Tokyo)".—Distr.: USSR: FE (Khabarovsk and Primorye Territories); Asia: Japan.

latimaculata (BRUNETTI, 1923): Fauna Br. India, Dipt., 3: 68 (*Lasiophthicus*). Type-localities: "Allahabad, Peshawur, Ferozepore, Abu" (India).—Distr.: USSR: SMA (Tu, Uz, Ki, Tj); Asia: Afghanistan, Iran; Oriental Region.

montana VILOVITSH, 1975: Ent. Obozr., 54(1): 173 (*Scaeva*). Type-locality: Hissar Mts, Takob-river, Tajikistan (USSR).

lunata (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 121 (*Syrphus*). Type-locality: "China".—Distr.: USSR: TC (Arm, Ge); Asia: Afghanistan, China; Oriental Region.

- sinensis* (SACK, 1938): Ark. zool., **30A**(3): 4 (*Lasiopticus*). Type-localities: "Prov. Kiangsu", "Tsingtau" [= Quigtau] (E China).
- mecogramma** (BIGOT, 1860): Annl. Soc. ent. Fr., (3) **8**: 778 (*Lasiophthicus*). Type-locality: "Sicile" [= Sicily] (Italy).—Distr.: Europe: GB (Scotland), F (Corsica), E, I.
- posticatus* (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 49 (*Syrphus*). Type-locality: "Spanien" ("Salamanca, Valle de Batuecas (Fuente Gaspar)" by neotype des. DUŠEK et LÁSKA, 1985: Acta ent. bohemoslov., **82**(3): 212).
- pyrastris** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 594 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: from N, S to E, I, BG; USSR: from Leningrad region to TC, KZ, SMA, WS, ES, FE; Asia: Afghanistan, Mongolia, North China, Japan; North Africa: Algeria, Egypt; Madeira, Canary Is; Nearctic Region.
- rosae* (DE GEER, 1776): Mém. Ins., **6**: 108; unjustified new name for *Musca pyrastris* LINNAEUS.
- mellina* (HARRIS, [1780]): Expos. Eng. Ins.: 80, tab. XXIV, fig. 23 (*Musca*). Type-locality: not given (England). A junior primary homonym of *Musca mellina* LINNAEUS, 1758.
- transfuga* (FABRICIUS, 1794): Entom. syst., **4**: 306 (*Syrphus*). Type-locality: "Europa".
- unicolor* CURTIS, 1834: Brit. Ent., **8**: 509 (*Scaeva*, as var. of *selenitica* MEIGEN). Type-locality: not given ("the neighbourhood of London") (Great Britain).
- flavoscutellata* (GIRSCHNER, 1884): Wien. ent. Ztg, **3**(7): 197 (*Syrphus* (*Catabomba*), as var. of *pyrastris*). Type-locality: not given (Thüringen) [DDR].
- selenitica** (MEIGEN, 1822): Syst. Besch., **3**: 304 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: from N, S to E, I, BG; USSR: from Leningrad region to TC, SMA, WS, ES, FE; Asia: Afghanistan, Mongolia, China; Madeira; Oriental Region.

Sphaerophoria LE PELETIER et SERVILLE, 1828

LE PELETIER and SERVILLE in LATREILLE, et al. 1828: Encycl. méth. hist. nat., **10**(2): 513 (as subgenus of *Syrphus* FABRICIUS, 1775).

Type-species: *Musca scripta* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 594 (des. RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, **2**(2): 458).

Melitrophus HALIDAY in WALKER, 1856: Ins. Brit., Dipt., **3**: XXI, as new name for *Melithreptus* LOEW, 1840, a junior homonym of *Melithreptus* VIEILLOT, 1816.

Melithreptus LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 27 and Isis (Oken's), **1840**(VII–VIII): 577; unjustified new name for *Sphaerophoria* LE PELETIER et SERVILLE.

- Nesosyrphus* FREY, 1945: Commentat. biol., **8**(10): 60 (as subgenus of *Sphaerophoria* LE PELETIER et SERVILLE, 1828). Type-species: *Sphaerophoria nigra* FREY, 1945: l.c.: 60 (orig. des.).
- abbreviata** ZETTERSTEDT, 1859: Dipt. Scand., **13**: 6007 (*Sphaerophoria*). Type-localities: "in Jemtlandiae alpinis ad radicem Mulfjellet; in Lapponia Umensi ad Tärna" (Sweden).—Distr.: Europe: S, IRE, GB, DK, NL, B, D, CH; USSR: NET, CET, SET, WS, ES, FE; Nearctic Region.
- altaica** VIOLOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 123 (*Sphaerophoria*). Type-locality: Altai, Ustj-Koksa district, village Abay (W Siberia).—Distr.: USSR: WS (Altai); Asia: Mongolia.
- batava** GOELDLIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., **47**(3-4): 240 (*Sphaerophoria*). Type-locality: "Rambouillet (S. et O.)" (France).—Distr.: Europe: NL, F.
- bengalensis** MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, **1841**(1): 164 and Dipt. exot., **2**(2): 104 (*Sphaerophoria*). Type-locality: "Bengale" (India).—Distr.: Asia: Iran, China, Korea, Japan; Oriental Region.
- flavoabdominalis* BRUNETTI, 1915: Rec. Indian Mus., **11**(3): 214 (*Sphaerophoria*, as form of *bengalensis*). Type-localities: "Baluchistan, Bushire, Katmandu (Nepal), Dharampur (Simla Hills)...; Agra; Ferozepore (Punjab)".
- chongjini** BAŃKOWSKA, 1964: Anns zool., Warsz., **22**(15): 347 (*Sphaerophoria*). Type-locality: "Korea, Onpho bei Tschöngtschin".—Distr.: Europe: NL; USSR: SET, ES, FE; Asia: Korea.
- ciceica** SKUFJIN, 1980: Ent. Obozr., **59**(4): 891 (*Sphaerophoria*). Type-locality: Krasnodar Territory, riverhead Tsitse (Tsetse) (USSR).—Distr.: USSR: SET (Krasnodar Territory).
- contigua** MACQUART, 1847: Mém. Soc. Sci. Agric. Lille, **1846**: 78 and Dipt. exot., suppl. **2**: 62 (*Sphaerophoria*). Type-locality: "Philadelphie" (USA).—Distr.: Asia: Japan; Nearctic Region.
- diminuta* (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 27 (*Melithreptus*). Type-locality: "Honshu (Kyoto)" (Japan).
- hirayamae* (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 25 (*Melithreptus*). Type-locality: "Honshu (Tokyo)" (Japan).
- kumamotensis* (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 26 (*Melithreptus*). Type-localities: "Honshu and Kiushu" (Japan).
- shibatensis* (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 26 (*Melithreptus*). Type-locality: "Honshu (Shibata in the Prov. Echigo)" (Japan).
- takasagensis* (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 24 (*Melithreptus*). Type-localities: "Hokkaido (Sapporo), Honshu (Takasago)" (Japan).
- indiana** BIGOT, 1884: Anns Soc. ent. Fr., (6) **4**: 99 (*Sphaerophoria*). Type-locality: "Indes" (India).—Distr.: USSR: SMA, WS, ES, FE; Asia: Afghanistan, Mongolia, China, Korea, Japan; Oriental Region.

- [*nigritarsis* BRUNETTI, 1915: Rec. Indian Mus., 11(3): 216 (*Sphaerophoria*, as form of *indiana*). Type-locality: "Kurseong, Kodiala, Simla Distr." (India).]
- infuscata** GOELDLIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., 47(3-4): 241 (*Sphaerophoria*). Type-locality: "Luan" (Switzerland).—Distr.: Europe: CH.
- kaa** VILOVITSH, 1960: Ent. Obozr., 39(1): 206 (*Sphaerophoria*). Type-locality: environs of lake Nizkoberezhnoe (Sakhalin) (USSR).—Distr.: USSR: FE (Sakhalin, Kamchatka, Kuril Is); Asia: Mongolia.
- kozlovi** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 121 (*Sphaerophoria*). Type-locality: Mongolia, Sudzukt, SE Kentei, W Urga.—Distr.: Asia: Mongolia.
- krocha** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 118 (*Sphaerophoria*). Type-locality: Southern Primorye, Suputinskiy Reservation.—Distr.: USSR: FE (Primorye Territory).
- loewi** ZETTERSTEDT, 1843: Dipt. Scand., 2: 774 (*Sphaerophoria*). Type-localities: "per Sueciam mediam...; in Smolandia...; in Gottlandia...; e paroecia Jonsberg Ostrogothiae...; e Dania..." (Sweden, Denmark).—Distr.: Europe: N, S, SF, GB, DK, NL, B, D, PL, F, A, R; USSR: NET, CET, KZ, SMA; Asia: Mongolia.
- formosa* (EGGER, 1859): Verh. zool.-bot. Ges. Wien, 9: 406 (*Melithreptus*). Type-locality: "Vöslau" (Austria).
- macrogaster** (THOMSON, 1869): K. svenska Fregatten Eugenie's resa, Zool., 2(1): 501 (*Syrphus*). Type-locality: "Sidney" (Australia).—Distr.: USSR: FE; Asia: Mongolia, China, Korea, Japan; Oriental Region, New Guinea, Australia, New Caledonia.
- koreana* BAŃKOWSKA, 1964: Annls zool., Warsz., 22(15): 339 (*Sphaerophoria*). Type-locality: "Korea, Dephun ad Kujang".
- menthastri** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 594 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: all parts of Europe; USSR: NET, CET, SET, TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, China, Japan; North Africa: Morocco, Egypt; Azores, Canary Is.
- melissae* (MEIGEN, 1822): Syst. Besch., 3: 326 (*Syrphus*). Type-locality: "Stolberg nr. Aachen, Germany" (lectotype des. VOCKEROTH, 1971: 1632).
- picta* (MEIGEN, 1822): Syst. Besch., 3: 326 (*Syrphus*). Type-locality: not given (Europe).
- hieroglyphica* (MEIGEN, 1822): Syst. Besch., 3: 327 (*Syrphus*). Type-locality: "Österreich" (Austria).
- nana** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 119 (*Sphaerophoria*). Type-locality: Japan, Amami-Oshima, Setoushi.—Distr.: Asia: Japan (Amami-Oshima).

- nigra** FREY, 1945: *Commentat. biol.*, **8**(10): 60 (*Sphaerophoria* (*Nesosyrphus*)). Type-localities: "Vales, Flores, Azores" (lectotype des. VOCKEROTH, 1971: 1632).—Distr.: Azores.
- philanthus** (MEIGEN, 1822): *Syst. Besch.*, **3**: 327 (*Syrphus*). Type-locality: "Stolberg nr. Aachen, Germany" (lectotype des. VOCKEROTH, 1971: 1633).—Distr.: Europe: N, S, SF, IRE, GB, NL, DK, B, D, PL, F, H, R, I, YU, BG; USSR: NET, CET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region.
- origani** MACQUART, 1829: *Mém. Soc. Sci. Agric. Lille*, **1827–1828**: 220 and *Ins. Dipt.*, **4**: 72 (*Sphaerophoria*). Type-locality: "Nord de la France".
- incisa** (LOEW, 1840): *Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen*, **1840**: 37 and *Isis* (Oken's), **1840**(VII–VIII): 578 (*Melithreptus*). Type-locality: not given ("Grossherzogthum Posen") [= Poznań] (Poland).
- dubia** ZETTERSTEDT, 1849: *Dipt. Scand.*, **8**: 3162 (*Sphaerophoria*). Type-localities: "in Scandinavia . . . ; e Dania . . . ; in Scania ad Fogelsang" (Sweden, Denmark).
- insignita** ZETTERSTEDT, 1859: *Dipt. Scand.*, **13**: 6010 (*Sphaerophoria*). Type-locality: "in Scania: ad Ringsjön" (Sweden).
- multipunctata** ZETTERSTEDT, 1859: *Dipt. Scand.*, **13**: 6009 (*Sphaerophoria*). Type-locality: "in Lapponia Umensi: ad Stensele" (Sweden).
- sarmatica** BAŃKOWSKA, 1964: *Annls zool.*, *Warsz.*, **22**(15): 329 (*Sphaerophoria*). Type-locality: "Warszawa-Bemowo" (Poland).
- pictipes** BOHEMAN, 1863: *Öfvers. K. VetenskAkad. Förh.*, **20**: 80 (*Sphaerophoria*). Type-locality: "prope Malmö" (Sweden).—Distr.: Europe: S; USSR: ES (Yakutia).
- rueppelli** (WIEDEMANN, 1830): *Aussereurop. zweifl. Insekt.*, **2**: 141 (*Syrphus*). Type-localities: "Nubien"; "Abyssinia" (lectotype des. VOCKEROTH, 1971: 1633).—Distr.: Europe: from N, S to E, I, BG; USSR: from Estonian SSR to TC, KZ, SMA, WS, ES, FE; Asia: Syria, Afghanistan, Mongolia, China, Korea; North Africa: Algeria, Egypt; Canary Is.
- incerta** (WIEDEMANN, 1830): *Aussereurop. zweifl. Insekt.*, **2**: 143 (*Syrphus*). Type-locality: "Nubien".
- calceolata** MACQUART, 1842: *Mém. Soc. Sci. Agric. Lille*, **1841**(1): 164 and *Dipt. exot.*, **2**(2): 104 (*Sphaerophoria*). Type-locality: "Egypt" (lectotype des. VOCKEROTH, 1971: 1629).
- flavicauda** ZETTERSTEDT, 1843: *Dipt. Scand.*, **2**: 771 (*Sphaerophoria*). Type-locality: "in Ostrogothia . . . ; ad Wadstena" (Sweden).
- nitidicollis** ZETTERSTEDT, 1849: *Dipt. Scand.*, **8**: 3156 (*Sphaerophoria*). Type-localities: "in Scandinavia meridionali; in arenosis Daniae; in Svecia . . . ; in Scania ad Esperöd et Limhamn" (Sweden, Denmark).
- oleandri** RONDANI, 1857: *Dipt. Ital. Prodromus*, **2**: 114 (*Sphaerophoria*). Type-locality: "Melita" [= Malta].

- serpilli* RONDANI, 1857: Dipt. Ital. Prodrromus, 2: 116 (*Sphaerophoria*). Type-locality: "Parmae" [= Parma] (Italy).
- scripta** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 594 (*Musca*). Type-locality: "Svecia" (Sweden); "Uppsala, Sweden" (lectotype des. VOCKEROTH, 1971: 1633).—Distr.: Europe: from IS, N, S to E, I, BG; USSR: from Kola peninsula to TC, KZ, SMA, WS, ES, FE; Asia: Syria, Afghanistan, Mongolia; North Africa: Morocco, Algeria, Tunisia, Egypt; Azores, Madeira, Canary Is; Nearctic and Oriental Regions.
- gemmata* (SCOPOLI, 1763): Entom. carniolica: 356 (*Conops*). Type-locality: "Carniolia" (?NE Yugoslavia).
- libatrix* (SCOPOLI, 1763): Entom. carniolica: 346 (*Musca*). Type-locality: "Carniolia") (?NE Jugoslavia).
- fasciata* (MÜLLER, 1764): Fauna Insect. Fridr., 7: 85 (*Musca*). Type-locality: not given ("Fridrichsdal") [= Frederiksdal near Copenhagen] (Denmark).
- invisito* (HARRIS, [1780]): Expos. Eng. Ins.: 83 (*Musca*). Type-locality: not given (England).
- molita* (HARRIS, [1780]): Expos. Eng. Ins.: 110 (*Musca*). Type-locality: not given (England).
- lavandulae* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 220 and Ins. Dipt., 4: 72 (*Sphaerophoria*). Type-locality: "Nord de la France".
- limbata* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 220 and Ins. Dipt., 4: 72 (*Sphaerophoria*). Type-locality: "Nord de la France".
- analís* MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 553 (*Sphaerophoria*). Type-locality: "Bordeaux" (France).
- sinuata* MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 553 (*Sphaerophoria*). Type-locality: "Bordeaux" (France).
- dispar* (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 37 and Isis (Oken's), 1840(VII–VIII): 578 (*Melithreptus*). Type-locality: not given ("Grossherzogthum Posen") [= Poznań] (Poland).
- nigricoxa* ZETTERSTEDT, 1843: Dipt. Scand., 2: 767 (*Sphaerophoria*). Type-localities: "in Suecia . . . ; in Scania ad Lund, Bennesta, Esperöd . . . ; in Blekingia . . . ; in Gottlandia ad Nähr, Ahlskog" (Sweden).
- strigata* STAEGER, 1845: Naturh. Tidskr., (2) 1: 362 (*Sphaerophoria*). Type-locality: not given ("Greenland").
- scutellata* PORTEVIN, 1909: Annl. Ass. Nat. Levallois-Perret, 14: 25 (*Sphaerophoria*, as var. of *scripta*). Type-locality: "Evreux" (France).
- violacea* SANTOS ABREU, 1924: Mem. R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 70 (*Sphaerophoria*, as var. of *scripta*). Type-locality: "isla de la Palma, . . . en la Dehesa de la Encarnación" (Canary Is).
- [*brunettii* JOSEPH, 1968: Orient. Insects, 1: 243 (*Sphaerophoria*). Type-locality: "Srinagar in Kashmir" (India).]

- shirchan** VIOLOVITSH, 1957: Ent. Obozr., **36**(3): 751 (*Sphaerophoria*). Type-localities: Island Sakhalin (environs of Yuzhno-Sakhalinsk); Island Kunashir (environs of lake Lagunnoe) (USSR).—Distr.: Europe: CS; USSR: SET (Uk), ES, FE (Khabarovsk Territory, Sakhalin, Kuril Is); Asia: Mongolia.
- taeniata** (MEIGEN, 1822): Syst. Besch., **3**: 325 (*Syrphus*). Type-locality: "Stolberg nr. Aachen, Germany" (lectotype des. VOCKEROTH, 1971: 1634).—Distr.: Europe: from S to E, I, YU; USSR: NET, CET, SET, SMA, WS, ES, FE; Asia: Mongolia, China, Japan; Canary Is.
- suzukii* (MATSUMURA, 1916): Ent. Mag., Kyoto, (2) **1**: 21, pl. 1, fig. 15 (*Melithreptus*). Type-locality: "Honshu (Kyoto)".
- kuwayamae* (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 3 (*Melithreptus*). Type-locality: "Hokkaido (Hakodate)" (Japan).
- harimensis* (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 4 (*Melithreptus*). Type-locality: "Honshu (Harima)" (Japan).
- tinae** VIOLOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 124 (*Sphaerophoria*). Type-locality: Altai, lake Teletskoe, environs of Artybash (W Siberia).—Distr.: USSR: WS (Altai).
- turkmenica** BAŃKOWSKA, 1964: Annls zool., Warsz., **22**(15): 345 (*Sphaerophoria*). Type-locality: "Turkmenische SSR, West Kopet Dag, Berg Siunt" (USSR).—Distr.: Europe: R; USSR: SET, TC, SMA (Tu, Uz, Ki, Tj); Asia: Iran, Afghanistan.
- tuvinica** VIOLOVITSH, 1966: Novye vidy fauny Sibiri i prilegayushchikh regionov, Novosibirsk: 49 (*Sphaerophoria*). Type-locality: environs of lake Kara-Khol (W Siberia, Tuva).—Distr.: USSR: WS (Tuva), ES (Amur region, Yakutia); Asia: Mongolia.
- virgata** GOELDLIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., **47**(3–4): 241 (*Sphaerophoria*). Type-locality: "Van-d'en-Haut" (Switzerland).—Distr.: Europe: DK, CH.
- viridaenea** BRUNETTI, 1915: Rec. Indian Mus., **11**(3): 216 (*Sphaerophoria*, as form of *scripta*). Type-locality: "Simla, Theog, Kurseong" (India).—Distr.: USSR: WS, ES; Asia: Mongolia, Afghanistan, China, Korea; Oriental Region.

Doubtful species of *Sphaerophoria*

- interrupta* (FABRICIUS, 1805): Syst. antl.: 252 (*Scaeva*). Type-locality: "Dania".
- multipunctata* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 134 (*Sphaerophoria*). Type-locality: "Bononiae" [= Bologna] (Italy). A junior primary homonym of *Sphaerophoria multipunctata* ZETTERSTEDT, 1859.

Syrphus FABRICIUS, 1775

FABRICIUS, 1775: Syst. entom.: 762.

Type-species: *Musca ribesii* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 593 (des. RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 459).

Syrphidis GOFFE, 1933: Trans. ent. Soc. S. Engl., 8(1932): 78. Type-species: *Musca ribesii* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 593 (orig. des.).

For discussion of nomenclature problems see WIRTH, et al., 1965: 558.

attenuatus HINE, 1922: Ohio J. Sci., 22: 144 (*Syrphus*). Type-locality: Alaska (North America).—Distr.: Europe: S, SF; USSR: NET, CET (Leningrad region, La), WS, ES (Yakutia), FE (Magadan region); Nearctic Region.

pilisquamus RINGDAHL, 1928: Ent. Tidskr., 49: 18 (*Syrphus*). Type-locality: "bei Abisko" (Sweden) (lectotype des. VOCKEROTH: 1983).

nitidifrons BECKER, 1921: Mitt. zool. Mus. Berl., 10: 50 (*Syrphus*). Type-locality: "Gabes, Ostpyrenäen" [= Pyrénées-Orientales] (France).—Distr.: Europe: NL, F.

ribesii (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 593 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: from IS and SF to E and BG; USSR: from Kola peninsula to Transcaucasus, KZ, SMA, WS, ES, FE; Asia: Afghanistan, Mongolia, Japan; Nearctic Region.

vacuus (SCOPOLI, 1763): Entom. Carniolica: 346 (*Musca*). Type-locality: "Carniolia" (? Yugoslavia).

blandus (HARRIS, [1780]): Expos. Eng. Ins.: 106 (*Musca*). Type-locality: not given (England).

tetragonus (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, 2: 484 (*Musca*). Type-locality: "Paris".

japonicus MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 18 (*Syrphus* (*Syrphus*)); Ent. Mag., Kyoto, 3(1): 31 (*Syrphus*). Type-localities: "Hokkaido (Sapporo), Honshu (Nikko)" (Japan). A junior primary homonym of *Syrphus japonicus* LOEW, 1858.

jezoensis MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 32 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).

kotoriensis MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 36 (*Syrphus* (*Syrphus*)). Type-locality: "Saghalien (Kotori)" (Sakhalin).

moiwanus MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 33 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Mt. Moiwa near Sapporo)" (Japan).

tsukisappensis MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 33 (*Syrphus* (*Syrphus*)). Type-localities: "Hokkaido (Sapporo and Tsukisapp near Sapporo)" (Japan).

yamahanensis MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 34 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Yamahama near Sapporo)" (Japan).

- kuccharensis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 29 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaidō (Kushiro);... at the lake-region of Kuccharo" (Japan).
- maculifer* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 29 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- okadensis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 27 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo), at Okada Park" (Japan).
- tenuis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 26 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- teshikaganus* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 29 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Kushiro)" (Japan).
- velox* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 25 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- interruptus* RINGDAHL, 1930: Ent. Tidskr., **51**: 173 (*Syrphus*, as var. of *ribesii*). Type-locality: "Island".
- brevicinctus* KANERVO, 1938: Annls ent. fenn., **4**(3): 155 (*Syrphus*). Type-locality: "Fl. Lena med., Nikolskaja" (USSR: East Siberia).
- nigrigena* ENDERLEIN, 1938: Sber. Ges. naturf. Freunde, Berl., **1937**(4-7): 209 (*Syrphus*, as var. of *ribesii*). Type-localities: "Schweden", "Rumänien (Banat, Orsova)", "Riesengebirge (Flinsberg)" [= Sweradów-Zdrój] (Poland), "Lappland (Qvikkjokk)" [= Kvikkjokk] (Finland), "Sibirien" (USSR). A junior primary homonym of *S. nigrigena* MATSUMURA, 1917.
- beringi* VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 78 (*Syrphus*). Type-locality: Magadan region, issue of Kegali (USSR).
- sexmaculatus** (ZETTERSTEDT, 1838): Insecta Lapp.: 603 (*Scaeva*). Type-localities: "ad Lycksele Lapponiae Umensis... (Lapponia meridionalis)" [= Lycksele, Västerbotten] (Sweden).—Distr.: Europe: N, S, SF, NL, PL; USSR: NET, WS, ES, FE (Magadan region).
- torvus** OSTEN SACKEN, 1875: Proc. Boston Soc. nat. Hist., **18**: 139 (*Syrphus*). Type-localities: "in the subalpine region of Mt. Washington", "White Mountains", "Massachusetts, Rhode Island, Canada, the Rocky Mountains in Colorado" (North America).—Distr.: Europe: from IS and SF to E, I and BG; USSR: from Leningrad region to TC, KZ, WS, ES, FE; Asia: Mongolia, China, Japan; Nearctic and Oriental Regions.
- conspicuus* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 28 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- vitripennis** MEIGEN, 1822: Syst. Besch., **3**: 308 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: from N, SF to P, E, I, BG; USSR: from Kola peninsula to TC, SMA, Siberia, FE; Asia: Mongolia, Iran, Afghanistan, Japan; Nearctic and Oriental Regions.
- topiarius* MEIGEN, 1822: Syst. Besch., **3**: 305 (*Syrphus*). Type-locality: "Österreich" (Austria).

- confinis* (ZETTERSTEDT, 1838): Insecta Lapp.: 602 (*Scaeva*). Type-localities: "in Lapponia meridionale; ad Lycksele... et alterum in Alpe Brattiksfjell... (Lapponia)" (Sweden).
- akakurensis* MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 35 (*Syrphus* (*Syrphus*)). Type-locality: "Honshu (Akakura in the Prov. Echigo)" (Japan).
- chujenianus* MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 35 (*Syrphus* (*Syrphus*)). Type-localities: "Hokkaido (Chitose), Honshu (Chuzenji near Nikko)" (Japan).
- campestris* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 30 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- candidus* (MATSUMURA, 1918): J. Coll. Agric. Hokkaido imp. Univ., 8(1): 17 (*Metasyrphus*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- dubius* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 28 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo) at Nakajima Park" (Japan).
- kitakawae* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 25 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- kushirensis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 30 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Kushiro); ... at the lake-region of Kuccharo" (Japan).
- palliventralis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 26 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- shibecheensis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 31 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Kushiro); ... on the road from Shibeche to Teshikaga" (Japan).
- yamatonis* MATSUMURA, 1931: 6000 Illustr. Ins. Jap. Emp.: 354, fig. 108 (*Syrphus*). Type-localities: "Hokkaido, Honshu" (Japan).—Distr.: Asia: Japan.

Doubtful species of *Syrphus*

- baicalensis* (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde Berl., 1937(4-7): 209 (*Dasysyrphus*). Type-locality: "Centr.-Asien (Baikal, Kultuk)" (USSR).
- cretensis* BECKER, 1921: Mitt. zool. Mus. Berl., 10: 52 (*Syrphus*). Type-locality: "Kreta" [= Crete] (Greece).
- curvipes* (BOHEMAN, 1852): K. VetenskAkad. Handl.: 198 (*Scaeva*). Type-locality: "ad Värnaby" (Sweden).
- daiyagawanus* MATSUMURA, 1917: Ent. Mag., Kyoto, 3(1): 34 (*Syrphus* (*Syrphus*)). Type-locality: "Honshu (Chuzenji in Nikko)" (Japan).
- erraticus* (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 593 (*Musca*). Type-locality: "Svecia" (Sweden).
- excisus* (ZETTERSTEDT, 1849): Dipt. Scand., 8: 3135 (*Scaeva*). Type-localities: "in Lapponium Lulensem...; in Lapponia Umensi ad Lycksele" (Sweden).
- fulviterus* (ȘUSTER, 1959): Fauna R. P. Romine, Insecta, 9(3): 159 (*Epistrophe*). Type-locality: "Moldovița-Ferăstrău (reg. Suceava)" (Roumania).
- japonicus* LOEW, 1858: Wien. ent. Mschr., 2: 108 (*Syrphus*). Type-locality: Japan.

- junghansi* LANGE, 1909: Ber. Annaberg-Buchholzer Ver. Natk., 12(1904-1909): 55 (*Syrphus*). Type-locality: "vom Pöhlberge" (Germany).
- latiusculus* WALKER, 1871: Entomologist, 5: 273 (*Syrphus*). Type-locality: "Wädý Ferran, Mount Sinai" (Egypt).
- metatarsatus* BECKER, 1921: Mitt. zool. Mus. Berl., 10: 51 (*Syrphus*). Type-locality: "Klein-Asien, Küste von Cilizien" (Turkey).
- mikado* MATSUMURA, 1917: Ent. Mag., Kyoto, 2(4): pl. VI, fig. 22; Ent. Mag., Kyoto, 3(1): 38 (*Syrphus* (*Syrphus*)). Type-locality: "Hokkaido (Sapporo)" (Japan).
- minimus* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 358 (*Syrphus*). Type-localities: "Japan—Hokkaido (Sapporo), Formosa (Noko)".
- noboritoensis* NINOMYIA, 1930: Oyo-dobutsugaku-zarshi, 2: 251 (*Syrphus*). Type-locality: Japan.
- octonotatum* (BIGOT, 1884): Anns Soc. ent. Fr., (6) 4: 75 (?*Melanostoma*). Type-locality: "Algerie" (Algeria).
- strandi* DUDA, 1940: Folia zool. hydrobiol., Riga, 10(1): 224 (*Syrphus*, n. sp. or as var. of *Syrphus vitripennis* MEIGEN). Type-locality: "Nimptsch" [= Niemszal] (Poland).
- turbidus* WALKER, 1871: Entomologist, 5: 274 (*Syrphus*). Type-locality: "Cairo" (Egypt).
- ussuriensis* (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde Berl., 1937(4-7): 208 (*Dasysyrphus*). Type-locality: "O.-Asien (Ussuri)" (USSR: Far East).
- ventralis* SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5-6): 104 (*Syrphus*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).

Xanthogramma SCHINER, 1860

SCHINER, 1860: Wien. ent. Mschr., 4: 215.

Type-species: *Syrphus ornatus* MEIGEN, 1822: Syst. Besch., 3: 298 (des. WILLISTON, 1887: Bull. U.S. natn. Mus., 31: 91) [= *pedissequum* (HARRIS, 1776)].

Olbiosyrphus MIK, 1897: Wien. ent. Ztg, 16(2): 66. Type-species: *Syrphus laetus* FABRICIUS, 1794: Entom. syst., 4: 301 (orig. des.).

Philhelius COQUILLET, 1910: Can. Ent., 42: 378. Type-species: *Musca citrofasciata* DE GEER, 1776: Mém. Ins., 6: 118 (orig. des.).

catalonicum ANDRÉU, 1926: Boln Soc. ent. Esp., 9: 110 (*Xanthogramma*). Type-locality: "Moyá" (Spain).—Distr.: Europe: E.

caucasicum VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 101 (*Xanthogramma*). Type-locality: Caucasus, Azerbaijan, Talysh, Kyalakhan (USSR).—Distr.: USSR: TC (Az).

citrofasciatum (DE GEER, 1776): Mém. Ins., 6: 118 (*Musca*). Type-locality: not given (Sweden).—Distr.: Europe: from S, SF to E, BG; USSR: from Leningrad region to TC, KZ, SMA (Ki), WS. Proposed as nom. nov. for *Musca festiva* LINNAEUS [= *Chrysotoxum festivum* (LINNAEUS)], usage in different sense needs validation by International Commission on Zoological Nomenclature.

anteambulo (HARRIS, [1776]): Expos. Eng. Ins.: 60, tab. XV, fig. 17 (*Musca*). Type-locality: not given (England).

- philanthinum* (ILLIGER in ROSSI, 1807): Fauna etrusca, Ed. 2, 2: 450 (*Scaeva*). Type-localities: "Etruria . . . in provinciis Florentina et Pisana" [= Italy, Toscana; in the provinces of Firenze and Pisa].
- coreanum** SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 403 (*Xanthogramma*). Type-locality: "Korea (Koryo, Shakuoji)".—Distr.: USSR: FE (Primorye Territory); Asia: Korea.
- eoae** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 102 (*Xanthogramma (Olbiosyrphus)*). Type-locality: Primorskiy kray, Tigrovaya river (USSR).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).
- evanescens** BECKER, 1913: Annu. Mus. zool. Acad. St.-Petersb., 18: 87 (*Xanthogramma*). Type-locality: "Tanger" [= Tangier] (Morocco).—Distr.: North Africa: Morocco.
- flavomarginatum** (STROBL, 1902): Glasn. zemalj. Mus. Bosni Herceg., 14: 479 and Wiss. Mitt. Bosn. Herzeg., 9(1904): 539 (*Syrphus*). Type-locality: "Zara" [= Zadar] (Yugoslavia).—Distr.: Europe: YU.
- hissaricum** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 102 (*Xanthogramma*). Type-locality: Tajikistan, Hissarian mountain ridge, Takob.—Distr.: USSR: SMA (Tj).
- kirgisistanum** ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., 1937(4-7): 202 (*Xanthogramma*). Type-locality: "Turkestan (Aalai-Gebirge, zwischen Kirgisistan und Tadschikistan)" (USSR, Middle Asia).—Distr.: USSR: SMA (Tu, Uz, Ki, Tj).
- laetum** (FABRICIUS, 1794): Entom. syst., 4: 301 (*Syrphus*). Type-locality: "Kiliae" [= Kiel] [D].—Distr.: Europe: B, D, PL, CS, H, R, I, YU, BG; USSR: CET.
- novum* (RONDANI, 1857): Dipt. Ital. Prodromus, 2: 140 (*Lasiophthicus*). Type-locality: "in apennino ditionis parmensis" [= region of Parma] (Italy).
- maculipenne** MIK, 1887: Wien. ent. Ztg, 6: 163 (*Xanthogramma*). Type-locality: "Caucasus: Helenendorf" [= Khanlar] (Azerbaijan SSR).—Distr.: Europe: YU; USSR: TC; Asia: Iran.
- marginale** (LOEW, 1854): Programm K. Realschule zu Meseritz, 1854: 18 (*Doros*). Type-locality: "Carthagena" [= Cartagena] (Spain).—Distr.: Europe: F, P, E, I; North Africa: Morocco, Algeria.
- morenae* STROBL, 1899: Wien. ent. Ztg, 18(5-6): 144 (*Xanthogramma*, as var. of *marginale*). Type-locality: "Cardenas" (Spain).
- nakamurae** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 9 (*?Xanthogramma*). Type-locality "Honshu (Echigo)" (Japan).—Distr.: Asia: Japan.
- pedissequum** (HARRIS, [1776]): Expos. Eng. Ins.: 61, tab. XV, fig. 19 (*Musca*). Type-locality: not given (England).—Distr.: Europe: from N, S, SF to P, E, BG; USSR: from Leningrad region to TC, KZ, SMA, WS, ES, FE.
- ornatum* (MEIGEN, 1822): Syst. Besch., 3: 298 (*Syrphus*). Type-locality: not given (Europe).

- pulchrum* (MEIGEN, 1835): Faunus (Gistel's), 2: 69 (*Syrphus*). Type-locality: not given ("aus der Umgegend von München").
- decoratum* (ZETTERSTEDT, 1843): Dipt. Scand., 2: 694 (*Doros*). Type-locality: "Scania" [= prov. Skåne] (Sweden).
- dives* (RONDANI, 1857): Dipt. Ital. Prodrum, 2: 136 (*Syrphus*). Type-localities: "Etruria et in Pedemontio" [= Toscana and Piemonte] (Italy).
- bilobatum* SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., 33: 64 (*Xanthogramma*, as var. of *ornatum*). Type-locality: "Zirc, Bakony-Gebirge, Ungarn" (Hungary).
- flavifrons* SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., 33: 64 (*Xanthogramma*, as var. of *dives*). Type-locality: "Fuzine, Kroatien" (Yugoslavia).
- nigripes* SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., 33: 64 (*Xanthogramma*, as var. of *dives*). Type-locality: "Kőszeg, Westungarn" (Hungary).
- nobilitatum* FREY, 1946: Notul. ent., 25: 162 (*Xanthogramma*, as var. of *ornatum*). Type-localities: "Fennia; Signildskär... Finnström... Jomala... Naantali... Karislojo... Helsing... Tuusula... Borga... Rajala... Joutseno... Hogland... Metsäpirtti, Pyhäjärvi... Ollila... Sortavaala... Kexholm... Kirjavahti... Parikkala... Ylöjärvi... Lempäälä, Sääksmäki... Iidensalmi... Tuovilanlahti... Suistamo... Uleaborg... Säresniemi... "Laponia"... — Russia Car. ross. Porajärvi, Karhumäki... Sunku, Velikniva, Munjärvi... — Suecia... — Germania, Dresden... Saxonia, Bastei" (Finland, USSR, Sweden, DDR).
- flavipleura* COE, 1957: Proc. R. ent. Soc. Lond., (B), 26(3-4): 62 (*Xanthogramma*, as var. of *pedissequum* HARRIS). Type-locality: "Croatia: Plitvice" [= Plješevica, Hrvatska] (Yugoslavia).
- sachalinicum** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 104 (*Xanthogramma* (*Olbiosyrphus*)). Type-locality: Sakhalin, environs of Yuzhno-Sakhalinsk (USSR).—Distr.: USSR: FE (Sakhalin).
- sapporensis** MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 29, pl. I, fig. 19 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Primorye Territory, Sakhalin, Kunashir); Asia: Japan (Hokkaido, Honshu).
- bambusae* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 4 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- fuscoclavatum* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 6 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- jozanum* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 7 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- kuccharensis* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., 8(1): 5 (*Xanthogramma*). Type-locality: "Hokkaido (Kushiro)" (Japan).

- minus* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 7 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- moiwanum* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 6 (*Xanthogramma*). Type-locality "Hokkaido (Sapporo)" (Japan).
- okunii* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 5 (*Xanthogramma*). Type-locality: "Hokkaido (Sapporo)" (Japan).
- shibechanum* MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 8 (*Xanthogramma*). Type-locality: "Hokkaido (Kushiro)" (Japan).
- sichotanum** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 100 (*Xanthogramma*). Type-locality: Primorye, environs of Vladivostok.—Distr.: USSR: FE (Primorye Territory).
- stackelbergi** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 99 (*Xanthogramma*). Type-locality: Leningrad region, Luga district, Yashchera (USSR).—Distr.: USSR: NET.
- udege** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 103 (*Xanthogramma* (*Olbiosyrphus*)). Type-locality: Primorye, Shkotovskiy rayon, Sukhodol river (USSR).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).

Tribe Bacchini

Allobaccha CURRAN, 1928

CURRAN, 1928: J. fed. Malay St. Mus., **14**(2): 245 and 251 (as subgenus of *Baccha* FABRICIUS, 1805).

Type-species: *Baccha rubella* VAN DER WULP, 1898: Természetr. Füz., **21**: 423 (orig. des.); not Palaearctic.

Asiobaccha VIOLOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 132 (as subgenus of *Baccha* FABRICIUS, 1805). Type-species: *Baccha nubilipennis* AUSTEN, 1893: Proc. zool. Soc. Lond., **1893**: 136 (orig. des.).

apicalis (LOEW, 1858): Wien. ent. Mschr., **2**: 106 (as "*Bacha*"). Type-locality: not given ("Japan").—Distr.: USSR: FE (Primorye Territory); Asia: Japan; Oriental Region.

fallax (AUSTEN, 1893): Proc. zool. Soc. Lond., **1893**: 142 (*Baccha*). Type-locality: "Haycock Hill, nr Galle" (Sri Lanka).—Distr.: Asia: Japan; Oriental Region.

nubilipennis (AUSTEN, 1893): Proc. zool. Soc. Lond., **1893**: 136 (*Baccha*). Type-locality: "Kandy" (Sri Lanka).—Distr.: Asia: Japan (Kyushu, Okinawa, Amami-Oshima); Oriental Region.

- nubilipennis* (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 225, pl. XVII, fig. 6 (*Baccha*). Type-locality: "Okinawa".
- sapphirina* (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 96 (*Baccha*). Type-locality: "Ostindien" (East Indies).—Distr.: North Africa: Egypt; Afrotropical and Oriental Regions.

Baccha FABRICIUS, 1805

FABRICIUS, 1805: Syst. antl.: 199.

Type-species: *Syrphus elongatus* FABRICIUS, 1775: Syst. entom.: 768 (des. CURTIS, 1839: Brit. Ent., 16: 737).

Bacchina WILLISTON, 1896: Manual N. Amer. Dipt., Ed. 2: 86. Type-species: *Syrphus elongatus* FABRICIUS, 1775: Syst. entom.: 768 (des. WIRTH, SEDMAN and WEEMS, 1965: Cat. Dipt. North America: 572).

elongata (FABRICIUS, 1775): Syst. entom.: 768 (*Syrphus*). Type-locality: "Daniae" (Denmark).—Distr.: Europe: from IRE and SF to P, I, BG; USSR: from Leningrad region to TC; Nearctic Region.

perexilis (HARRIS, [1780]): Expos. Eng. Ins.: 81, tab. XXIV, fig. 24 (*Musca*). Type-locality: not given (England).

abbreviata MEIGEN, 1822: Syst. Besch., 3: 200 (*Baccha*). Type-locality: "Österreich" (Austria).

nigripennis MEIGEN, 1822: Syst. Besch., 3: 200 (*Baccha*). Type-locality: "Österreich" (Austria).

scutellata MEIGEN, 1822: Syst. Besch., 3: 198 (*Baccha*). Type-locality: not given (Europe).

spegina MEIGEN, 1822: Syst. Besch., 3: 198 (*Baccha*). Type-locality: not given (Europe).

tabida MEIGEN, 1822: Syst. Besch., 3: 199 (*Baccha*). Type-locality: "Österreich" (Austria).

vitripennis MEIGEN, 1822: Syst. Besch., 3: 200 (*Baccha*). Type-locality: "Österreich" (Austria).

klugii MEIGEN, 1830: Syst. Besch., 6: 349 (*Baccha*). Type-locality: "Berliner Gegend" (near Berlin).

nigricornis SCHUMMEL, 1843: Uebers. schles. Ges. vaterl. Kult., 1842: 169 (*Baccha*). Type-locality: "Breslau" [= Wrocław] (Poland).

*eo*a VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 141 (*Baccha*). Type-locality: Sakhalin, Bykovo (USSR).—Distr.: USSR: FE (Sakhalin, Primorye Territory).

exilis VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 151 (*Baccha*). Type-locality: Japan, Honshu, Tottori Pref., Mt. Daisen.—Distr.: Asia: Japan.

- karpatica** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 138 (*Baccha*). Type-locality: Carpathian Mts, Kozmishchek, 6 km NW Goverla.—Distr.: USSR: SET (Uk).
- laphrieformis** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 141 (*Baccha*). Type-locality: Mt. Sanage-yama, Aichi Pref. (Japan, Honshu).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Honshu).
- maculata** WALKER, 1852: *Ins. Saunders.*, Dipt., 1: 223 (*Baccha*). Type-locality: "East Indies".—Distr.: USSR: FE (Sakhalin, Primorye Territory); Asia: Korea, Japan; Oriental Region.
- nana** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 148 (*Baccha*). Type-locality: Japan, Honshu, Tottori Pref., Mt. Daisen.—Distr.: Asia: Japan (Honshu).
- obscuripennis** MEIGEN, 1822: *Syst. Besch.*, 3: 199 (*Baccha*). Type-locality: not given (Europe).—Distr.: Europe: from IRE and SF to E, I, BG; USSR: from Leningrad region to TC, KZ (south), SMA (Ki), WS, ES, FE; Asia: Mongolia.
- okadomei** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 144 (*Baccha*). Type-locality: Japan, Honshu, Aichi Pref., Utututoge.—Distr.: Asia: Japan (Honshu).
- optata** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 152 (*Baccha*). Type-locality: Japan, Honshu, Fukuoka, Mt. Inanaki.—Distr.: Asia: Japan (Honshu).
- pulla** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 146 (*Baccha*). Type-locality: Amur region, 180 km N Svobodnyi (USSR).—Distr.: USSR: FE (Amur region).
- sachalinica** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 144 (*Baccha*). Type-locality: Sakhalin, environs of Yuzhno-Sakhalins (USSR).—Distr.: USSR: FE (Sakhalin).
- shirakii** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 149 (*Baccha*). Type-locality: Japan, Honshu, Nagano Pref., Nonomi sakae.—Distr.: Asia: Japan (Honshu).
- sibirica** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 139 (*Baccha*). Type-locality: Novosibirsk region, Mikhailovsk district, Chumakovo.—Distr.: USSR: WS.
- strandi** DUDA, 1940: *Folia zool. hydrobiol.*, Riga, 10(1): 224 (*Baccha*). Type-locality: "Concarneau (Bretagne)" (France).—Distr.: Europe: F.
- tuvinica** VIOLOVITSH, 1976: *Novosti fauny Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 10): 143 (*Baccha*). Type-locality: Tuva, Sug-Aksy (W Siberia).—Distr.: USSR: WS (Tuva).

Doubtful species of *Baccha*

erratica (SCOPOLI, 1763): Entom. carniolica: 345 (*Musca*). Type-locality: "Carniolia" (?NE Yugoslavia). Probably a misidentification of *Musca erratica* LINNAEUS, 1758.

Pseudodoros BECKER, 1903

BECKER, 1903: Mitt. zool. Mus. Berlin, 2(3): 92.

Type-species: *Pseudodoros nigricollis* BECKER, 1903: l. c.: 92 (mon.).

nigricollis BECKER, 1903: Mitt. zool. Mus. Berl., 2(3): 92 (*Pseudodoros*). Type-locality: "Kairo" [= Al-Qâhira] (Egypt).—Distr.: North Africa: Egypt; Afrotropical Region (Zimbabwe).

Tribe Chrysotoxini

Chrysotoxum MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., 2: 275.

Type-species: *Musca bicincta* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 522 (des. LATREILLE, 1810: Consid. générales nat. animaux, Paris: 443).

Antiopa MEIGEN, 1800: Nouve. class.: 32. Type-species: *Musca bicincta* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 522 (des. COQUILLETT, 1910: Proc. U.S. natn. Mus., 37: 508). Suppressed by I.C.Z.N., 1963: Opinion 678: 339.

amurensis VILOVITSH, 1973: Ent. Obozr., 52(4): 926 (*Chrysotoxum*). Type-locality: Klimoutzy, 40 km E Svobodnyi, Amur region (USSR).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).

arcuatum (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from IRE, N, SF to I, YU, BG; USSR: from Kola peninsula to TC, WS, ES, FE; Asia: Iran, Mongolia, Japan (Honshu).

intersectum (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, 2: 479 (*Musca*). Type-locality: "Paris" (France).

vespiforme (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, 2: 478 (*Musca*). Type-locality: "Paris". A junior primary homonym of *Musca vespiformis* LINNAEUS, 1758 [= *Temnostoma vespiforme* (LINNAEUS)].

hortense MEIGEN, 1822: Syst. Besch., 3: 173 (*Chrysotoxum*). Type-locality: not given (Europe).

scoticum CURTIS, 1837: Brit. Ent., 8: 653 (*Chrysotoxum*). Type-locality: "Isle of Skye" (Great Britain, Scotland).

alpinum RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, 8: 141 (*Chrysotoxum*). Type-locality: "in Alpibus Insubriae" (Italian Alps).

- nigropilosum* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 142 (*Chrysotoxum*, as var. of *hortense* MEIGEN). Type-localities: "Stiria" (Austria) . . . "Piemonte, . . . valle Formazza nell'Ossola, . . . Pesio e di Valdieri nelle valli di Cuneo" (Italy).
- angustifasciatum* MIK, 1897: Wien. ent. Ztg, **16**(2): 115 (*Chrysotoxum*, as var. of *arcuatum*). Type-localities: "Salzburger und Tiroler Alpen" (Austria).
- asiaticum** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 80 (*Chrysotoxum*). Type-locality: "Mongolei, Inn Shan" (China).—Distr.: USSR: Siberia; Asia: Mongolia, China, Japan.
- bactrianum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 931 (*Chrysotoxum*). Type-locality: Tajikistan, environs of Kulyab.—Distr.: USSR: SMA (Uz, Tj, Tu).
- bajkalicum** VIOLOVITSH, 1973: Novye i maloizvestnye vidy fauny Sibiri, 6: 99 (*Chrysotoxum*). Type-locality: Transbaikal, left bank of the river Vitim, near Nakholonda (E Siberia).—Distr.: USSR: ES (Transbaikal).
- bicinctum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from IRE, GB, SF to E, I, BG; USSR: from Leningrad region to TC, KZ, SMA (Ki), WS, ES; Asia: Mongolia; North Africa: Morocco.
- callosum* (HARRIS, [1776]): Expos. Eng. Ins.: 61, tab. XV, fig. 18 (*Musca*). Type-locality: not given (England).
- tricinctum* RONDANI, 1845: Annl. Soc. ent. Fr., (2) **3**: 201 (*Chrysotoxum*). Type-locality: "in agri Parmensis" [= Parma] (Italy).
- biguttatum** MATSUMURA, 1911: J. Coll. Sapporo, **4**(1): 73 and Ent. Mag., Kyoto, **2**(1), 1916: 6, pl. I, fig. 2 (*Chrysotoxum*). Type-locality: "Shiraraka, Chipsani" (Sakhalin).—Distr.: USSR: FE (Sakhalin); Asia: Japan (Hokkaido).
- caeleste** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 16 (*Chrysotoxum*). Type-locality: "9 miles southwest of Tatsienlu [= Kanding], Szechuen, China".—Distr.: Asia: China (Szechuan).
- caucasicum** SACK, 1930: 31. Syrphidae, Fliegen pal. Reg., **4**(4): 224 (*Chrysotoxum*, new name for *Ch. derivatum* BECKER, 1921, a junior primary homonym of *Chrysotoxum derivatum* WALKER, 1849).—Distr.: USSR: SET (Caucasus Reservation), TC, KZ (south), SMA (Tu, Ki, Tj); Asia: Afghanistan.
- derivatum* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 76 (*Chrysotoxum*). Type-localities: "Kaukasus" (USSR) and "vom Alai-Gebirge in S. Sibirien" [= Alai Mts, Soviet Middle Asia, not "S. Sibirien"].
- cautum** (HARRIS, [1776]): Expos. Eng. Ins.: 60, tab. XV, fig. 15 (*Musca*). Type-locality: not given (England).—Distr.: Europe: from GB, SF to E, I, BG; USSR: from Leningrad region to TC, KZ, SMA (Ki), WS (Altai).
- sylvarum* WIEDEMANN in MEIGEN, 1822: Syst. Besch., **3**: 171 (*Chrysotoxum*). Type-locality: "Oesterreich" (Austria).
- scutellatum* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 349 and Ins. Dpt.: 201 (*Chrysotoxum*). Type-locality: "Nord de la France".

- impudicum* LOEW, 1856: Verh. zool.-bot. Ver. Wien, **6**: 609 (*Chrysotoxum*, as var. of *sylvarum*). Type-locality: "Sicilien" [= Sicily] (Italy).
- lubricum* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 150 (*Chrysotoxum*). Type-locality: "Piemonte" (Italy).
- chakassicum** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 81 (*Chrysotoxum*). Type-locality: Khakassia, environs of Abaza (W Siberia).—Distr.: USSR: WS (Khakassia).
- chinense** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 13 (*Chrysotoxum*). Type-locality: "West of Chetu Pass near Tatsienlu [= Kanding], 13,000–15,000 feet, Szechuen, China".—Distr.: Asia: China (Szechuan).
- cisalpinum** RONDANI, 1845: Anns Soc. ent. Fr., (2) **3**: 197 (*Chrysotoxum*). Type-locality: "in Italia centrali" (Central Italy).—Distr.: Europe: F, E, I, YU, BG; USSR: TC, SMA (Uz, Tj).
- coreanum** SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 32 (*Chrysotoxum*). Type-locality: "Korea (Shakuoji)".—Distr.: USSR: FE (Primorye Territory); Asia: Korea.
- draco** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 15 (*Chrysotoxum*). Type-locality: "Shin Kai Si, Mount Omei, 4,400 feet, Szechuen, China".—Distr.: Asia: China (Szechuan).
- elegans** LOEW, 1841: Stettin. ent. Ztg, **2**: 140 (*Chrysotoxum*). Type-locality: "Wien" (Austria).—Distr.: Europe: from GB, SF to E, I, BG; USSR: CET, SET, TC, KZ.
- bigoti* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 154 (*Chrysotoxum*). Type-locality: "Piemonte" (Italy).
- latilimbatum* COLLIN, 1940: Entomologist's mon. Mag., **76**: 157 (*Chrysotoxum*). Type-locality: "in the countries bordering the south coast, from Devon to Kent" (Great Britain).
- fasciolatum** (DE GEER, 1776): Mém. Ins., **6**: 124 (*Musca*). Type-locality: not given (Sweden).—Distr.: Europe: from N, S, SF to F, I, YU, BG; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Japan; Nearctic Region.
- lineola* (PREYSSLER, 1793): Samml. physik. Aufsätze J. Mayer, Dresden, **3**: 370 (*Syrphus*). Type-locality: not given ("Böhmerwald") [= Šumava Mts], (ČSSR).
- costale* WIEDEMANN in MEIGEN, 1822: Syst. Besch., **3**: 172 (*Chrysotoxum*). Type-locality: "Oesterreich" (Austria).
- marginatum* MEIGEN, 1822: Syst. Besch., **3**: 171 (*Chrysotoxum*). Type-locality: not given (Europe).
- albopilosum* STROBL, 1893: Mitt. naturw. Ver. Steierm., **29**: 197 (*Chrysotoxum*, as var. of *fasciolatum*). Type-locality: "Admont" (Austria).
- sachalinense* MATSUMURA, 1911: J. Coll. Sapporo, **4**(1): 73 (*Chrysotoxum*). Type-locality: "Solowiyofka" [= Sakhalin: Solovyovka].
- festivum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 593 (*Musca*). Type-locality: "Europa".—Distr.: Europe from IRE, GB, N, S, SF to E, I, YU, BG;

USSR from Kola peninsula to TC, KZ, SMA, Siberia, FE; Asia: Mongolia, Japan; Oriental Region.

- bipunctatum* (MÜLLER, 1776): Zool. Danicae Prodrumus: 174 (*Musca*). Type-localities: "Daniae et Norvegiae" (Denmark and Norway).
- imbelle* (HARRIS, [1776]): Expos. Eng. Ins.: 60, tab. XV, fig. 16 (*Musca*). Type-locality: not given (England).
- geographicum* (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, 2: 478 (*Musca*). Type-locality: "Paris".
- annulatum* LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 26 and Isis (Oken's), 1840(VII-VIII): 558 (*Chrysotoxum*, as var. of *arcuatum* LINNAEUS). Type-locality: not given (Posen) [= Poznań] (Poland).
- infuscatum* LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 26 and Isis (Oken's), 1840(VII-VIII): 558 (*Chrysotoxum*, as var. of *arcuatum* LINNAEUS). Type-locality: not given (Posen) [= Poznań] (Poland).
- scutellare* LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 26 and Isis (Oken's), 1840(VII-VIII): 558 (*Chrysotoxum*, as var. of *festivum*). Type-locality: not given ("Grossherzogthum Posen") [= Poznań].
- tomentosum* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, 26: 159 (*Chrysotoxum*, as var. of *festivum*). Type-locality: "regioni alpine del Piemonte" (Italy).
- japonicum* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 253, pl. XIII, fig. 28 and Ent. Mag., Kyoto, 2(1): 6, pl. I, fig. 1 (*Chrysotoxum*). Type-locality: "Honshu (Nikko, Kyoto)" (Japan).
- flaveolum** VILOVITSH, 1973: Ent. Obozr., 52(4): 930 (*Chrysotoxum*). Type-locality: Tajikistan, the Lower Vakhsh.—Distr.: USSR: SMA (Tj, Tu).
- fratellum** SHANNON, 1926: Proc. U.S. natn. Mus., 69(11): 15 (*Chrysotoxum*). Type-locality: "West of Chetu Pass, near Tatsienlu [= Kanding], 13,000–14,500 feet, Szechuen, China".—Distr.: USSR: ES (Pribaikalye), FE (Primorye Territory); Asia: Mongolia, China (Szechuan).
- gracile** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 78 (*Chrysotoxum*). Type-locality: "Spanien" (Spain).—Distr.: Europe: E, YU.
- graciosum** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 80 (*Chrysotoxum*). Type-locality: Primorye, Reservation Komarovskiy [= Ussuriyskiy].—Distr.: USSR: FE (Primorye Territory).
- grande** MATSUMURA, 1911: J. Coll. Sapporo, 4(1): 72 (*Chrysotoxum*). Type-locality: "Chibesani" [= Sakhalin: Ozerskiy].—Distr.: USSR: FE (Primorye Territory, Sakhalin, Kuril Is); Asia: Korea, Japan.
- hameleon** VILOVITSH, 1973: Novye i maloizvestnye vidy fauny Sibiri, 6: 101 (*Chrysotoxum*). Type-locality: Altai: Ust-Koksinsk district, environs of Abay (W Siberia).—Distr.: USSR: WS (Altai); Asia: Mongolia.

- hirayamae** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 1 (*Chrysotoxum*). Type-locality: "Honshu (Harima)" (Japan).—Distr.: Asia: Japan.
- impressum** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 76 (*Chrysotoxum*). Type-locality: "aus dem nördlichen Morea, von Erynth" [= Peloponnesus] (Greece).—Distr.: Europe: I, BG, GR.
- intermedium** MEIGEN, 1822: Syst. Besch., **3**: 169 (*Chrysotoxum*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) fD].—Distr.: Europe: B, D, PL, CS, F, CH, H, R, P, E, I, YU, BG, AL, GR; USSR: SET, TC, KZ, SMA; Asia: Afghanistan; North Africa: Morocco, Algeria, Tunisia.
- lunulatum** BRULLÉ, 1833: Expéd. Sci. Morée, **3**(1): 311, tab. XLVIII, fig. 7 (*Chrysotoxum*). Type-locality: "environs de Calamata" [= Peloponnesus], (Greece).
- monticola** SCHUMMEL, 1842: Uebers. schles. Ges. vaterl. Kult., **1841**: 120 (*Chrysotoxum*). Type-locality: "an der Hungerlehne am Altvater" [= Sudeten Mts on border of Poland with Czechoslovakia].
- italicum** RONDANI, 1845: Annls Soc. ent. Fr., (2) **3**: 196 (*Chrysotoxum*). Type-locality: "Italia".
- graecum** WALKER, 1852: Ins. Saunders., Dipt., **1**: 219 (*Chrysotoxum*). Type-locality: "Albania".
- gymnophthalmum** GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 146 (*Chrysotoxum*, as var. of *italicum*). Type-locality: "Piemonte" (Italy).
- kirghizorum** PECK, 1974: Ent. Obozr., **53**(4): 913 (*Chrysotoxum*). Type-locality: Kirghizia, Thalassian mountain ridge, r. Kara-Bura.—Distr.: USSR: SMA (Ki, Tu).
- kozhevnikovi** SMIRNOV, 1925: Ent. Mitt., **14**(3/4): 290 (*Chrysotoxum*). Type-localities: "Turkestan, Ak-Tash und Kara-Tau-Gebirge" (USSR: Uzbek and Kazakh SSR).—Distr.: USSR: KZ, SMA (Ki, Uz, Tj).
- kozlovi** VIOLOVITSH, 1973: Novye i maloizvestnye vidy fauny Sibiri, **6**: 101 (*Chrysotoxum*). Type-locality: China, Gobi, Alashanian mountain ridge, Urgin-Khuduk.—Distr.: Asia: China.
- ladakense** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 13 (*Chrysotoxum*). Type-locality: "Rupshu Ledak, 16,000 feet, Kashmir" (India).—Distr.: USSR: SMA (Tj, Ki), WS (Tuva); Asia: China; Oriental Region (India).
- lanatum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 933 (*Chrysotoxum*). Type-locality: Chita region, r. Argun (E Siberia).—Distr.: USSR: ES.
- lanulosum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 928 (*Chrysotoxum*). Type-locality: Tuva, Tannu-Ola Mts, Pass Khundurgun (W Siberia).—Distr.: USSR: WS (Tuva).
- latifasciatum** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 77 (*Chrysotoxum*). Type-locality: "Spanien" (Spain).—Distr.: Europe: F, P, E.
- lessonae** GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 144 (*Chrysotoxum*). Type-locality: "Piemonte" (Italy).—Distr.: Europe: I, R.

- affine* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 144 (*Chrysotoxum*, as var. of *lessonae*). Type-locality: "Piemonte" (Italy).
- hyalipenne* GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 144 (*Chrysotoxum*, as var. of *lessonae*). Type-locality: "Piemonte" (Italy).
- lineare** (ZETTERSTEDT, 1819): K. svenska VetenskAkad. Handl., **1**: 82 (*Mulio*). Type-locality: "nedom Borgholms Slott på Öland" [= Borgholm, Öland Island] (Sweden).—Distr.: Europe: S, D, CS, F, P, R, BG; USSR: NET, SET, KZ.
- lydiae** VIOLOVITSH, 1964: Ent. Obozr., **43**(2): 458 (*Chrysotoxum*). Type-locality: Tuva: lake Amdaygyn Khol (W Siberia).—Distr.: USSR: KZ, SMA (Ki, Tu), WS (Tuva); Asia: Mongolia.
- mongol** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 15 (*Chrysotoxum*). Type-locality: "Yellow Dragon Gorge near Songpan, 12,000–14,000 feet, Szechuen, China".—Distr.: Asia: China (Szechuan).
- montivagum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 932 (*Chrysotoxum*). Type-locality: Nakhichevan ASSR, Lyakhetag. Julfa district (Caucasus, USSR).—Distr.: USSR: TC (Az), SMA (Uz).
- motasi** ŞUSTER, 1936: C. r. Séanc. Acad. Sci. Roum., **1**: 238 (*Chrysotoxum*). Type-locality: "Borsec district de Mureş" (Roumania).—Distr.: Europe: R.
- nigrifacies** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 13 (*Chrysotoxum*). Type-locality: "Yellow Dragon Gorge near Songpan, 12,000–14,000 feet, Szechuen, China".—Distr.: Asia: China (Szechuan).
- nigroscutellum** SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., **3**(5–6): 110 (*Chrysotoxum*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).
- octomaculatum** CURTIS, 1837: Brit. Ent., **8**: 653 (*Chrysotoxum*). Type-localities: "Bourne Mouth; near Lulworth and Portland; Stourton Caundle" (Great Britain).—Distr.: Europe: S, GB, NL, B, D, PL, CS, F, CH, H, E, I, YU, R, BG; USSR: NET, CET, SET, TC, KZ, WS.
- elegans* (VILLERS, 1789): Caroli Linnaei entom., **3**: 464, pl. IX, fig. 27 (*Musca*). Type-locality: "Gallia Australiori" [= France]. Regarded as synonymous with *Musca elegans* HARRIS, 1780 (*elegans* in Index).
- chrysopolitum* RONDANI, 1845: Annl. Soc. ent. Fr., (2) **3**: 199 (*Chrysotoxum*). Type-locality: "in agro Parmensi" [= near Parma] (Italy).
- parmense** RONDANI, 1845: Annl. Soc. ent. Fr., (2) **3**: 198 (*Chrysotoxum*). Type-locality: "in ditone Parmensi" [= region of Parma] (Italy).—Distr.: Europe: F, I, BG; USSR: TC, SMA (Tu, Uz, Ki, Tj); Asia: Iran.
- holtzi* BECKER, 1913: Annu. Mus. zool. Acad. Sci. St.-Petersb., **17**(1912): 605 (*Chrysotoxum*). Type-locality: "Pers.-Beludshistan vom Bergkegel Kuch-i-tuftan" (Iran).
- parvulum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 931 (*Chrysotoxum*). Type-locality: Georgian SSR, southern slope of the Pass Zekarskiy.—Distr.: USSR: TC (Ge).

- przewalskyi** PORTSCHINSKY, 1887: Trudy russ. ent. Obshch., **21**(5): 4 (*Chrysotoxum*).
Type-locality: "Asia media (Mons Keria, oasis Nia)".—Distr.: Asia: China.
- radha** VILOVITSH, 1971: Novye i maloizvestnye vidy fauny Sibiri, 5: 112 (*Chrysotoxum*). Type-locality: West Siberia, Tuva: Tannu-Ola mountain ridge, southern slope of the Pass Khundurgun.—Distr.: USSR: WS (Tuva).
- rasilum** VILOVITSH, 1981: Izv. sib. Otdel Akad. Nauk SSR, 5 ser. biol. nauk, **1**: 95 (*Chrysotoxum*). Type-locality: Chita region, Ingoda (USSR).—Distr.: USSR: ES.
- rhodopense** DRENSKY, 1934: Mitt. bulg. ent. Ges., **8**: 120 and 129 (*Chrysotoxum*).
Type-locality: "Bulgarien, Zentral-Rodopegebirge bei Tschech-leuwo".—Distr.: Europe: BG.
- robustum** PORTSCHINSKY, 1887: Trudy russ. ent. Obshch., **21**(5): 5 (*Chrysotoxum*).
Type-locality: "Persia (Astrabad)" [= Gorghān] (Iran).—Distr.: USSR: TC; Asia: Iran.
- rossicum** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 78 (*Chrysotoxum*). Type-locality: "Baikalsee" (USSR, East Siberia).—Distr.: USSR: WS, ES, FE (Khabarovsk and Primorye Territories); Asia: Mongolia.
- rubzovi** VILOVITSH, 1973: Ent. Obozr., **52**(4): 926 (*Chrysotoxum*). Type-locality: Northern Kazakhstan, valley of the river Ural, Yanvartsevo.—Distr.: USSR: KZ (north), SMA (Ki), WS.
- sackeni** GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 152 (*Chrysotoxum*). Type-localities: "Italia (Piemonte — dintorni di Torino)".—Distr.: Europe: CS, I.
- sapporense** MATSUMURA, 1916: Ent. Mag., Kyoto, **2**(1): pl. I, fig. 3 (*Chrysotoxum*).
Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan.
- carinatum* MATSUMURA, 1916: Ent. Mag., Kyoto, **2**(1): 8 (*Chrysotoxum*).
Type-locality: "Hokkaido (Sapporo)" (Japan).
- shirakii** MATSUMURA, 1931: 6000 illustr. Ins. Jap. Emp.: 334, fig. 17 (*Chrysotoxum*, new name for *Ch. japonicum* SHIRAKI, a junior primary homonym of *Chrysotoxum japonicum* MATSUMURA, 1916).—Distr.: USSR: Siberia, FE (Primorye Territory); Asia: Japan (Hokkaido), Korea.
- japonicum* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 35 (*Chrysotoxum*). Type-localities: "Japan (Sapporo) und Korea (Kasan)".
- sibiricum** LOEW, 1856: Verh. zool.-bot. Ver. Wien, **6**: 611 (*Chrysotoxum*). Type-locality: "Sibirien" (Siberia, USSR).—Distr.: USSR: WS, ES, FE; Asia: Mongolia, North China, Korea.
- skuffjini** VILOVITSH, 1973: Ent. Obozr., **52**(4): 929 (*Chrysotoxum*). Type-locality: Caucasus, Caucasus reservation, r. Kisha.—Distr.: USSR: SET (Caucasus reservation).
- stackelbergi** VILOVITSH, 1953: Ent. Obozr., **33**: 358 (*Chrysotoxum*). Type-locality: environs of Yargak nearby Khatyrcha in Uzbek SSR.—Distr.: USSR: KZ (south), SMA (Ki, Uz, Tu, Tj).

- stenolomum** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 924 (*Chrysotoxum*). Type-locality: Caucasus: Daghestan, Khodzhal-Makhi.—Distr.: USSR: SET (Daghestan), TC (Arm).
- subbicinctum** VIOLOVITSH, 1956: Ent. Obozr., **35**(2): 471 (*Chrysotoxum*). Type-locality: Island Sakhalin: Bykov.—Distr.: USSR: FE (Sakhalin, Kuril Is, Primorye Territory).
- tartar** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 14 (*Chrysotoxum*). Type-locality: "West of Chetu Pass near Tatsienlu [= Kanding], 13,000–14,000 feet, Szechuen, China".—Distr.: Asia: China (Szechuan).
- testaceum** SACK, 1913: Ent. Mitt., **2**: 9 (*Chrysotoxum*). Type-localities: "Yama und Tappani" (Taiwan).—Distr.: Asia: Japan; Oriental Region (Taiwan).
- tjanshanicum** PECK, 1974: Ent. Obozr., **53**(4): 912 (*Chrysotoxum*). Type-locality: Kirghizia, Gulcha, Alay.—Distr.: USSR: SMA (Ki).
- triarquatium** MACQUART in WEBB and BERTHELOT, 1839: Hist. nat. Canaries, Ent., **2**(2): 107 (*Chrysotoxum*). Type-locality: "Iles Canaries".—Distr.: Canary Is.
canariense MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, **1841**(1): 76 and Dipt. exot., **2**(2): 16 (*Chrysotoxum*); unjustified new name for *Chrysotoxum triarquatium* MACQUART, 1839.
- tuberculatum** SHANNON, 1926: Proc. U.S. natn. Mus., **69**(11): 14 (*Chrysotoxum*). Type-locality: "Uen Chaun Shien, Szechuen, China".—Distr.: Asia: China (Szechuan).
- verae** VIOLOVITSH, 1973: Ent. Obozr., **52**(4): 929 (*Chrysotoxum*). Type-locality: Caucasus, Armenia, Vedi district, Khosrovskiy les.—Distr.: USSR: TC (Arm).
- vernale** LOEW, 1841: Stettin. ent. Ztg, **2**: 138 (*Chrysotoxum*). Type-locality: not given ("hier gefangen") [= environs of Poznań] (Poland).—Distr.: Europe: S, SF, GB, DK, NL, D, PL, B, L, CS, F, CH, H, P, E, I, YU, R, BG; USSR: CET, SET, TC, KZ, SMA (Ki, Tu), WS, ES, FE; Asia: Iran.
collinum RONDANI, 1857: Dipt. Ital. Prodrömus, **2**: 202 (*Chrysotoxum*). Type-locality: "ditiönis Parmensis" [= region of Parma] (Italy).
flavipenne PALMA, 1863: Ann. Accad. Aspir. Natur. Napoli, (3) **3**: 40 (*Chrysotoxum*). Type-locality: "Cancello" [= near Acerra] (Italy).
fuscum GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 160 (*Chrysotoxum*). Type-locality: "Piemonte" (Italy).
vernaloides GIGLIO-TOS, 1890: Atti Accad. Sci., Torino, **26**: 161 (*Chrysotoxum*, as var. of *fuscum*). Type-locality: "Piemonte" (Italy).
- verralli** COLLIN, 1940: Entomologist's mon. Mag., **76**: 155 (*Chrysotoxum*, for *Chrysotoxum octomaculatum*: VERRALL, 1901: British flies, **8**: 647, not CURTIS, 1837; misidentification). Type-localities: "at Harpenden (Herts.) . . . , . . . from Timworth (Suffolk), Chippenham Fen and Fleam Dyke (Cambs.), and Fowl Mere near Wretham (Norfolk)" (Great Britain).—Distr.: Europe: GB, DK, NL, B, L, D, DDR, CS, F, BG;

USSR: from Leningrad region to Caucasus, WS (Altai, Sayan, Tuva), ES (Irkutsk).

volaticum SÉGUY, 1961: Mém. Mus. natn. Hist. nat. Paris, Sér. A, Zool., 23: 122 (*Chrysotoxum*). Type-localities: "Algérie: Sétif...; Maroc: Moyen-Atlas, Ifrane."—Distr.: North Africa: Morocco, Algeria.

Tribe Melanostomatini

Subtribe Melanostomina

Melanostoma SCHINER, 1860

SCHINER, 1860: Wien. ent. Mschr., 4: 213.

Type-species: *Musca mellina* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 594 (orig. des.).

Psylogaster LIOY, 1864: Atti. Ist. veneto Sci., (3)9: 753. Type-species: *Musca mellina* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 594 (des. GOFFE, 1946: J. Soc. Br. Ent., 3: 30; as "*mellina* FALLÉN").

Anocheila HELLÉN, 1949: Notul. ent., 29: 90 (as subgenus of *Cheilosia* MEIGEN, 1822). Type-species: *Chilosia freyi* HELLÉN, 1949: l.c. 90 (mon.) [= *dubium* (ZETTERSTEDT, 1838)].

abruzzense VAN DER GOOT, 1969: Ent. Ber., Amst., 29: 94 (*Melanostoma*). Type-locality: "Italia, prov. Aquila, Abruzzi, Funivia Gran Sasso, 1200–1300 m."—Distr.: Europe: I (Abruzzi region).

dubium (ZETTERSTEDT, 1837): Isis (Oken's) 1837, 1: 37 and Insecta Lapp., 1838: 609 (*Scaeva*). Type-localities: "in Lapponia passim; ... ad Kengis et Juckasjervi, Lapponiae Tornensis, ... ad Lycksele, Asele et Frederica, Lapponiae Umensis...; ad aquas Lyckselenses et ad Alten Finmarkiae... (Lappon.-Scan. ...)" (Sweden, Finland) ("Juckasjärvi", lectotype des. ANDERSSON, 1970: Ent. Scand., 1: 239).—Distr.: Europe: S, SF, B, DDR, PL, F, CH, I, H, BG; USSR: NET, WS, ES, FE (Khabarovsk Territory); Nearctic Region.

unicolor (RONDANI, 1857): Dipt. Ital. Prodromus, 2: 128 (*Syrphus*). Type-localities: "In apennino parmensi, et prope Florentiam" [= environs of Parma and Firenze] (Italy). A junior primary homonym of *Syrphus unicolor* MACQUART, 1829 [= *Melanostoma mellinum* (LINNAEUS, 1758)].

flavitibia (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde, Berl., 1937(4–7): 196 (*Pachysphyria*, as var. of *dubia*). Type-localities: "Flinsberg in Schlesien" [= Sweradow—Zdruj] (Poland) and "Provinz Brandenburg" [DDR].

sexpunctatum (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde, Berl., 1937(4–7): 197 (*Pachysphyria*, as var. of *dubia*). Type-localities: "Lapland", "Deutschland, Ginzling".

- freyi* (HELLÉN, 1949): Notul. ent., **29**: 90 (*Chilosia (Anocheila)*). Type-locality: "in Lappland: Utsjoki (Li) in der Nähe des Tana-Flusses auf dem Fjelde Kistuskaidi (Reg. alpina)" (Finland).
- fimbriatum** (LOEW, 1871): Beschr. europ. Dipt., **2**: 222 (*Syrphus*). Type-locality: "Kultuk" (E Siberia).—Distr.: USSR: ES (Baikal); Asia: Mongolia.
- incompletum** BECKER, 1908: Mitt. zool. Mus. Berl., **4**(1): 86 (*Melanostoma*). Type-locality: "Teneriffe" (Tenerife, Canary Is.).—Distr.: Europe: YU, R; Canary Is.
- atricorne* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 24 (*Melanostoma*, as var. of *incompletum*). Type-locality: "La Palma, en los bosques de Marta" (Canary Is).
- discrepans* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 22 (*Melanostoma*, as var. of *incompletum* BECKER). Type-locality: "La Palma" (Canary Is).
- eximium* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 25 (*Melanostoma*). Type-locality: "La Palma, en los bosques de El Loral" (Canary Is).
- halteratum* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 21 (*Melanostoma*, as var. of *incompletum*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- nigratum* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 23 (*Melanostoma*, as var. of *incompletum*). Type-locality: "La Palma" (Canary Is).
- pseudomaculatum* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 21 (*Melanostoma*, as var. of *incompletum*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- pulchrigaster* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 22 (*Melanostoma*, as var. of *incompletum*). Type-locality: "La Palma" (Canary Is).
- quadricinctum* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 24 (*Melanostoma*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- mellinum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 594 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: from Scandinavia to E, I, BG; all parts of USSR; Asia: Mongolia, Iran, Afghanistan, Japan; North Africa: Morocco; Madeira, Canary Is; Nearctic Region.
- facultas* (HARRIS, [1780]): Expos. Eng. Ins.: 109 (*Musca*). Type-locality: not given (England).
- mellarium* (MEIGEN, 1822): Syst. Besch., **3**: 328 (*Syrphus*). Type-locality: not given ("Auf Wiesen und in Wäldern nicht selten") (?Stolerg near Aachen) [D].
- melliturgum* MEIGEN, 1822: Syst. Besch., **3**: 329 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].

- minutum* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 234 and Ins. Dipt., **4**: 86 (*Syrphus*). Type-locality: “Nord de la France”.
- unicolor* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 236 and Ins. Dipt., **4**: 88 (*Syrphus*). Type-locality: “Nord de la France”.
- laevigatum* (MEIGEN, 1838): Syst. Besch., **7**: 134 (*Syrphus*). Type-locality: not given (“Hiesige Gegend”) (?Stolberg near Aachen) [D].
- concolor* (WALKER, 1851): Ins. Brit., Dipt., **1**: 296 (*Syrphus*). Type-locality: not given (“In the collection of the Entomological Club. (E.)”) (England).
- nigricorne* STROBL, 1893: Mitt. naturw. Ver. Steierm., **29**: 172 (*Melanostoma*, as var. of *mellinum*). Type-localities: “Pitzweide bei Admont, Hohentauern, Scheiplalm des Bösenstein, Mariahof, Almsee bei Turrach” (Austria).
- inornatum* MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 132 (*Melanostoma*). Type-locality: “Hokkaido (Sapporo)” (Japan).
- interruptum* MATSUMURA, 1919: Ent., Kyoto, **3**(3–4): 138 (*Melanostoma*). Type-localities: “Hokkaido (Sapporo), Honshu (Iwate)” (Japan).
- ochiaianum* MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 136 (*Melanostoma*). Type-locality: “Saghalien (Ochiai)” (Sakhalin).
- ogasawarae* MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 137 (*Melanostoma*). Type-locality: “Honshu (Iwate)” (Japan).
- sachalinense* MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 139 (*Melanostoma*). Type-locality: “Saghalien (Toyohara)” [= Sakhalin: Yuzhno-Sakhalinsk].
- angustatoides* KANERVO, 1934: Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 123 (*Melanostoma*, as var. of *mellinum*). Type-locality: “in Sodankyläim südlichen Lappland” (Finland).
- melanatum* KANERVO, 1934: Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 124 (*Melanostoma*, as var. of *mellinum*). Type-locality: “Haukilampi” [= Murmansk region] (USSR).
- obscuripes* KANERVO, 1934: Annl. Soc. zool.-bot. fenn. “Vanamo”, **14**(5): 123 (*Melanostoma*, as var. of *mellinum*). Type-locality: “Parkkino” [= near Pechenga, Murmansk region].
- deficiens* SZILÁDY, 1940: Annl. hist.-nat. Mus. natn. hung., **33**: 59 (*Melanostoma*, as ab. of *mellinum*). Type-localities: “mitteleuropäischen Hochgebirgen: Radnaer Gebirge (Ungarn) und Tirol” (Roumania, Austria).
- dilatatum* SZILÁDY, 1940: Annl. hist.-nat. Mus. natn. hung., **33**: 59 (*Melanostoma*, as ab. of *mellinum*). Type-locality: “Fuzine, Kroatien” (Yugoslavia).
- orientale** (WIEDEMANN, 1824): Analecta ent.: 36 (*Syrphus*). Type-locality: “Ind. Or.” (E India).—Distr.: USSR: FE (Sakhalin); Asia: Japan (Hokkaido, Honshu, Shikoku, Kyushu); Oriental Region.
- pumicatum** (MEIGEN, 1838): Syst. Besch., **7**: 134 (*Syrphus*). Type-locality: not given (“aus hiesiger Gegend”) (?Stolberg near Aachen) [D].—Distr.: Europe: D. CH.

- scalare** (FABRICIUS, 1794): Entom. syst., 4: 308 (*Syrphus*). Type-locality: "Kiliae" [= Kiel] [D].—Distr.: Europe: from Scandinavia to P, E, I, BG; USSR: from Leningrad region to TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, Afghanistan, China (Szechuan, E Tibet), Japan; Afrotropical and Oriental Regions.
- gracile* (MEIGEN, 1822): Syst. Besch., 3: 328 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].
- maculosum* (MEIGEN, 1822): Syst. Besch., 3: 330 (*Syrphus*). Type-locality: "England".

Doubtful species of *Melanostoma*

- alpinum* SZILÁDY, 1942: Mitt. münch. ent. Ges., 32(2/3): 624 (*Melanostoma*). Type-localities: "Bayern: Kinsau am Lech und Burgwalden bei Augsburg; Tirol: Pettneu; Vorarlberg: Lechquelle; Nordkarpathen: Árvaváralja, Bártfa, Lomnic" [= Bavaria, D: Schongau und Augsburg; Austria: Tirol and Vorarlberg; ČSSR: Bardejov].
- eversmanni* ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., 1937(4-7): 199 (*Melanostoma*). Type-locality: "Europ. Russland (Ural)".
- flavipenne* MATSUMURA, 1919: Ent. Mag., Kyoto, 3(3-4): 138 (*Melanostoma*). Type-locality: "Honshu (Kyoto)" (Japan).
- incisum* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 194, pl. XVI, fig. 10 (*Melanostoma*). Type-localities: "Honshu (Tokyo and Nikko)".
- teizonis* MATSUMURA, 1919: Ent. Mag., Kyoto, 3(3-4): 136 (*Melanostoma*). Type-locality: "Honshu (Iwate)" (Japan).
- transversum* SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5-6): 94 (*Melanostoma*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).
- tumescens* SZILÁDY, 1940: Annlshist.-nat. Mus. natn. hung., 33: 57 (in key) and 58 (*Melanostoma*). Type-locality: "Stalak (Velebit)" [= Stalać, Velebit Mts] (Yugoslavia).

Tuberculanostoma FLUKE, 1943

FLUKE, 1943: Ann. ent. Soc. Am., 36: 425.

Type-species: *Tuberculanostoma antennatum* FLUKE, 1943: l.c.: 426 (orig. des.); not Palaearctic.

- solitarium** DOESBURG, 1955: Beaufortia, 5(47): 50 (*Tuberculanostoma*). Type-locality: "Aghil Gebirge, Polu. 5220 m. . ." (China, Karakorum Mts).—Distr.: Asia: China (Karakorum Mts).

Xanthandrus VERRALL, 1901

VERRALL, 1901: British flies, 8: 316.

Type-species: *Musca comtus* HARRIS, [1780]: Expos. Eng. Ins.: 108 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 620).

- Hiratana* MATSUMURA, 1919: Ent. Mag., Kyoto, 3(3–4): 129. Type-species: *Syrphus quadriguttulus* MATSUMURA, 1911: J. Coll. Sapporo, 4(1): 78 (orig. des.) [= *comtus* (HARRIS, 1780)].
- azorensis** FREY, 1945: Commentat. biol., 8(10): 58 (*Xanthandrus*). Type-localities: “Mig.: Furnas. Jorge: Ribeira Funda; Ribeira do Salto. Pico: Silveira, über Waldpfaden im Schatten schwebend; Lagoa do caiado; Pico, an der Aussenseite des Kraters. Fay.: Ribeira Escabra; Ribeira Flamengos; Horta” (Azores).—Distr.: Azores.
- babyssa** (WALKER, 1849): List Dipt. Brit. Mus., 3: 584 (*Syrphus*). Type-locality: “Madeira”.—Distr.: Madeira.
- parhyalinatus* (BIGOT, 1884): Anns Soc. ent. Fr., (6) 4: 76 (?*Melanostoma*). Type-locality: “Madère ins.” (Madeira).
- comtus** (HARRIS, [1780]): Expos. Eng. Ins.: 108 (*Musca*). Type-locality: not given (England).—Distr.: Europe from Scandinavia to E, I, BG; USSR from Leningrad region to TC, KZ, WS, ES, FE; Asia: Mongolia, Korea, Japan; Oriental Region.
- hyalinatus* (FALLÉN, 1817): Syrphici Sveciae: 43 (*Scaeva*). Type-locality: not given (Sweden).
- quadriguttulus* (MATSUMURA, 1911): J. Coll. Agric. Sapporo, 4(1): 78 (*Syrphus*). Type-locality: “Galkinowraskoe” [= Sakhalin: Dolinsk].
- reductus* (ČEPELÁK, 1940): Čas. čsl. Spol. ent., 37(1): 34 (*Epistrophe*). Type-locality: “Inovec bei Trenčín” [= near Trenčín] (Czechoslovakia).
- undulatus* (ČEPELÁK, 1940): Čas. čsl. Spol. ent., 37(1): 34 (*Epistrophe*). Type-locality: “Inovec u Trenčina” [= near Trenčín] (Czechoslovakia).

Subtribe Platycheirina

Platycheirus LE PELETIER et SERVILLE, 1828

- LE PELETIER and SERVILLE in LATREILLE et al. 1828: Encycl. Méthod. Ins., 10(2): 513 (as subgenus of *Syrphus* FABRICIUS, 1775).
- Type-species: *Syrphus scutatus* MEIGEN, 1822: Syst. Besch., 3: 333 (des. WESTWOOD, 1840: Synopsis: 137).
- Platycheirus* AGASSIZ, 1846: Nomencl. Zool., Index Univ.: 295; unjustified emendation.
- Pachysphyria* ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., 1937(4–7): 196. Type-species: *Scaeva ambigua* FALLÉN, 1817: Syrphici Sveciae: 47 (orig. des.).
- albimanus** (FABRICIUS, 1781): Species insect., 2: 434 (*Syrphus*). Type-locality: “Anglia”.—Distr.: Europe: from Scandinavia to E, I, BG; USSR: from Kola peninsula to TC, KZ, SMA (Ki, Tj), WS, ES, FE; Asia: Mongolia; Nearctic and Oriental Regions.

- cyaneus* (WALKER, 1851): Ins. Brit., Dipt., 1: 294 (*Syrphus*). Type-locality: not given (England).
- pulchellus* PALMA, 1863: Ann. Accad. Aspir. Natur. Napoli, (3) 3: 56 (*Platycheirus*). Type-locality: "Sanseverino" [= near Naples] (Italy).
- nigrofemoratus* (KANERVO, 1934): Annl. Soc. zool.-bot. Fenn. "Vanamo", 14(5): 122 (*Platycheirus*, as var. of *albimanus*). Type-locality: "Parkkino" [= near Pechenga] (USSR).
- ambiguus** (FALLÉN, 1817): Syrphici Sveciae: 47 (*Scaeva*). Type-locality: "Westrogothia" [= prov. Västergötland] (Sweden).—Distr.: Europe: IS, S, SF, IRE, GB, DK, NL, D, PL, B, CS, F, CH, E, I, YU, BG; USSR: NET, CET, TC, KZ, SMA (Uz, Ki, Tj), WS, ES, FE (Khabarovsk Territory); Asia: Mongolia, Afghanistan, Japan: Nearctic and Oriental Regions.
- monochaetus* (LOEW, 1871): Besch. europ. Dipt., 2: 224 (*Syrphus*). Type-locality: "Dalmatien" (Yugoslavia).
- angustatus** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 762 (*Scaeva*). Type-localities: "per Scandinaviam...; ... in Scania ad Lund...; in Ostrogothia ad Lärketorp...; ad Gusum...; in Gottlandia in Furillen & Östergarn...; in Lapponia Umensi ad Wilhelmina & Frederica...; e Dania..." (Sweden, Denmark).—Distr.: Europe: from Scandinavia to E, I; USSR: NET, CET, SET (Mo), SMA (Ki, Tj), WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- major* (SZILÁDY, 1940): Annl. hist.-nat. Mus. natn. hung., 33: 56 (*Platycheirus*, as var. of *angustatus*). Type-locality: "Resica, Siebenbürgen" [= Resița] (Roumania).
- angustipes** GOELDLIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., 47(3-4): 240 (*Platycheirus*). Type-locality: "Lac Retaud" (Switzerland).—Distr.: Europe: CH.
- angustitarsis** (KANERVO, 1934): Annl. Soc. zool.-bot. Fenn. "Vanamo", 14(5): 120 (*Platycheirus*). Type-localities: "Nautsi; Pitkäjärvi, auf dem Fjeld Kaskama; Haukilampi; Parkkino; Auf den Parkkino-Fjelden; Pummanki" (Murmansk region).—Distr.: Europe: N, SF; USSR: NET, ES (tundra).
- arat** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 73 (*Platycheirus*). Type-locality: Tuva, Tannu-Ola mountain ridge, northern slope of Pass Khundurgun.—Distr.: USSR: WS (Tuva).
- boreomontanus** NIELSEN, 1981: Ent. Scand., 12: 101 (*Platycheirus*, new name for *P. monticolus* NIELSEN, 1972, a junior secondary homonym of *Melanostoma monticola* JONES, 1917).—Distr.: Europe: N, S, SF; USSR: NET, Siberia (Dudinka); Nearctic Region.
- monticolus* NIELSEN, 1972: Norsk ent. Tidsskr., 19(1): 91 (*Platycheirus*). Type-locality: "Ustetind, Bv: Hol." (Norway).
- celsus** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 74 (*Platycheirus*). Type-locality:

- Kazakhstan, Tarbagatai mountain ridge, Urdzhar.—Distr.: USSR: KZ, SMA (Ki); Asia: Mongolia.
- cintoensis** VAN DER GOOT, 1961: Ent. Ber., Amst., **21**(11): 221 (*Platycheirus*). Type-locality: "Asco, Forêt de Carozzica, Corsica" (France).—Distr.: Europe: F (Corsica).
- clypeatus** (MEIGEN, 1822): Syst. Besch., **3**: 335 (*Syrphus*). Type-locality: not given. (?Stolberg near Aachen) [D].—Distr.: Europe: from Scandinavia to E, I, BG; USSR: from Leningrad region to SET (Uk), TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan, Afghanistan; Nearctic Region.
- dilatatus* (MACQUART, 1834): Hist. Nat. Ins., Dipt., **1**: 547 (*Syrphus*). Type-locality: "France".
- complicatus** (BECKER, 1889): Berl. ent. Z., **33**(1): 172 (*Platichirus*). Type-locality: "Glatzer Gebirge, . . . von den St. Moritz" (Poland, Switzerland).—Distr.: Europe: N, S, CS, CH; USSR: WS (Tuva); Asia: Japan (Hokkaido, Honshu).
- discimanus** (LOEW, 1871): Besch. europ. Dipt., **2**: 227 (*Platycheirus*). Type-locality: "Asch in Böhmen" [= Aš] (Czechoslovakia).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, CH, CS, R; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Afghanistan, N China; Nearctic Region.
- dux** (VIOLOVITSH, 1957): Ent. Obozr., **36**(3): 749 (*Platycheirus*). Type-locality: "Island Kunashir, lake Lagunnoe".—Distr.: USSR: FE (Kuril Is, Primorye Territory); Asia: Japan (Hokkaido, Honshu, Shikoku).
- fasciculatus** LOEW, 1856: Programm K. Realschule zu Meseritz, **1856**: 45 (*Platycheirus*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: B, A.
- fjellbergi** NIELSEN, 1974: Norsk ent. Tidsskr., **21**: 167 (*Platycheirus*). Type-locality: "Norway, Spiterstulen, 1100 m, On: Lom".—Distr.: Europe: N, S; USSR: NET (Kanin), Siberia (Dudinka).
- fulviventris** (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 229 and Ins. Dipt., **4**: 81 (*Syrphus*). Type-locality: "environs de Valenciennes" (France).—Distr.: Europe: from Scandinavia to E, I, BG; USSR: CET (La, Moscow region), SET (Uk, Krasnodar region), SMA (Ki, Tj), FE (Primorye Territory); Asia: Mongolia.
- ferrugineus* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 229 and Ins. Dipt., **4**: 81 (*Syrphus*). Type-locality: "Nord de la France".
- winthemi* (MEIGEN, 1830): Syst. Besch., **6**: 353 (*Syrphus*). Type-locality: not given (Europe).
- fumosus** VIOLOVITSH, 1982: Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 55 (*Platycheirus*). Type-locality: Environs of Novosibirsk.—Distr.: USSR: WS.
- groenlandicus** CURRAN, 1927: Am. Mus. Novit., No. **247**: 10 (*Platycheirus*). Type-locality: "Umanak, Greenland".—Distr.: Europe; USSR: ES (Dudinka); Nearctic Region.

- hirtipes** (KANERVO, 1938): *Annls ent. fenn.*, **4**(3): 150 (*Platycheirus*). Type-locality: "Dudinka" (USSR: E Siberia).—Distr.: Europe: SF; USSR: NET, N Siberia.
- hyperboreus** (STAEGER, 1845): *Naturh. Tidsskr.*, (2) **1**: 362 (*Syrphus*). Type-locality: not given (Greenland).—Distr.: Europe: SF; USSR: NET (Kola peninsula), N Siberia; Nearctic Region.
- immaculatus** ÔHARA, 1980: *Esakia*, **15**: 138 (*Platycheirus*). Type-locality: "Kuruson-kyo, Miyazaki Pref." (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Kuril Is); Asia: Japan (Honshu, Kyushu).
- immarginatus** (ZETTERSTEDT, 1849): *Dipt. Scand.*, **8**: 3149 (*Scaeva*). Type-localities: "in Scandinavia . . . ; in Dania ad Hafniam . . . ; in Svecia . . . , nempe in Ostrogothia . . . ad Jonsberg . . . ; in Lapponia Umensi ad Wilhelmina . . . ; in Lapponia Lulensi . . . (E Griphia . . . ; ad Trawemünde . . .)" (Denmark, Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, DDR, PL, F, CH, P, R; USSR: NET, CET, TC, WS, ES, FE (Sakhalin); Nearctic Region.
- jaerensis** NIELSEN, 1971: *Norsk ent. Tidsskr.*, **18**: 57 (*Platycheirus*). Type-locality: "Brattebø, Ry: "Høyland" (Norway).—Distr.: Europe: N, SF; USSR: CET (La, Est).
- jakuticus** VIOLOVITSH, 1978: *Taksonomiya i ekologiya chlenistonogikh Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 12): 174 (*Platycheirus*). Type-locality: Vicinity of Yakutsk.—Distr.: USSR: ES (Yakutia).
macrocephalus BAGATSHANOVA, 1980: *Ent. Obozr.*, **59**(2): 421 (*Platycheirus*). Type-locality: Oktemtsy, 50 km SSW Yakutsk, left bank of Lena (E Siberia).
- kashkarovi** VIOLOVITSH, 1978: *Taksonomiya i ekologiya chlenistonogikh Sibiri* (Novye i maloizvestnye vidy fauny Sibiri, 12): 172 (*Platycheirus*). Type-locality: Kirghizia, Terskey-Alatau mountain ridge, S Karakol.—Distr.: USSR: SMA (Ki).
- kittilaensis** DUŠEK et LÁSKA, 1982: *Acta ent. bohemoslov.*, **79**: 384 (*Platycheirus*). Type-locality: "Finland, Kittilä".—Distr.: Europe: S, SF; USSR: NET (Kola peninsula).
- latimanus** (WAHLBERG, 1844): *Öfvers. K. VetenskAkad. Förh.*, **1**(5): 66 (*Scaeva*). Type-locality: "in convallibus umbrosis alpis Walli prope Quickjok" [= nr Kvikkjokk] (Sweden).—Distr.: Europe: N, S, SF; USSR: NET (Kola peninsula), WS, ES, FE (Prikolymye, Magadan region); Asia: Mongolia, Japan (Hokkaido).
subcomplicatus ÔHARA, 1980: *Esakia*, **15**: 120 (*Platycheirus*). Type-locality: "Mt. Tairoku, Furano" (Japan).
- longicornis** PECK, 1979: *Insects of Mongolia*, **6**: 463 (*Platycheirus*). Type-locality: Mongolia, lake Orog-Nur—Khara-Khoto.—Distr.: USSR: SMA (Ki, Tj); Asia: Mongolia.

- manicatus** (MEIGEN, 1822): Syst. Besch., 3: 336 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe from Scandinavia to E, I, YU, BG; USSR: NET, TC, SMA (Ki), WS (Altai); Asia: Mongolia.
- geniculatus* (ZETTERSTEDT, 1838): Insecta Lapp.: 612 (*Eristalis*). Type-locality: “in alpe Dowre . . . (Lappon, Norvegica)”.
- alpicolus* (SCHUMMEL, 1844): Uebers. schles. Ges. vaterl. Kult., 1843: 190 (*Syrphus*). Type-locality: “in den Mittelgebirgen” (Poland).
- ciliger* LOEW, 1856: Programm K. Realschule zu Meseritz, 1856: 44 (*Platycheirus*). Type-locality: “Steiermark” [= Styria] (Austria).
- melanopsis** LOEW, 1856: Programm K. Realschule zu Mesteritz, 1856: 45 (*Platycheirus*). Type-locality: “Kärnthen” [= Carinthia] (Austria or Yugoslavia).—Distr.: Europe: S, GB, PL, CS, F, CH, A, I, R, BG; USSR: ES (Pribaikalye, Yakutia).
- parmatius* RONDANI, 1857: Dipt. Ital. Prodromus, 2: 121 (*Platycheirus*). Type-localities: “in alpinis pedemontanis” [= region of Piemonte] (Italy), “Genèo”.
- mongolicus** STACKELBERG, 1974: Ent. Obozr., 53(2): 443 (*Platycheirus*). Type-locality: vicinity of Urga [= Ulan Bator], North Mongolia.—Distr.: USSR: WS, ES; Asia: Mongolia.
- muelleri** MARCUZZI, 1941: Boll. Soc. ent. ital., 73(1): 3 (*Platycheirus*). Type-locality: “Crussiza, Selva di Piro (Ven. Giulia)” (Italy).—Distr.: Europe: I.
- nudipes** (BECKER, 1900): Acta Soc. Sci. fenn., 26(9): 41 (*Platycheirus*). Type-locality: “Kuschevat” [= Kushev at on Ob river] (USSR).—Distr.: USSR: WS.
- ovalis** (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 27 (*Platycheirus*). Type-locality: “Ural, Goro-Blagodot” (USSR).—Distr.: Europe: N, NL, B, L, D, CS, CH; USSR: NET, SMA (Ki), WS (Altai), FE (Khabarovsk Territory); Asia: Mongolia, Japan.
- peckae** BAGATSHANOVA, 1980: Ent. Obozr., 59(2): 423 (*Platycheirus*). Type-locality: Khaptagai, 35 km SE Yakutsk, right bank of Lena (E Siberia).—Distr.: USSR: ES (Yakutia).
- peltatus** (MEIGEN, 1822): Syst. Besch., 3: 334 (*Syrphus*). Type-locality: not given (Europe).—Distr.: all parts of Europe; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan (Honshu); Nearctic Region.
- cristatus* (SCHUMMEL, 1837): Uebers. schles. Ges. vaterl. Kult., 1836: 85 (*Syrphus*). Type-locality: “um Breslau” [= Wrocław] (Poland).
- rostratus* (ZETTERSTEDT, 1838): Insecta Lapp.: 607 (*Scaeva*). Type-locality: “ad Lycksele Lapponiae Umensis (Lappon. Scania ad Villam Abusae)” (Sweden).
- octomaculatus* (VON ROSER, 1840): CorrespBl. landw. Ver. Württ. Stuttg. (N.S.), 17(1): 55 (*Syrphus*). Type-locality: not given (Württemberg).
- islandicus* (RINGDAHL, 1930): Ent. Tidskr., 51: 173 (*Platycheirus*, as var. of *peltatus*). Type-locality: “Island”.

- pennipes** ÔHARA, 1980: Esakia, **15**: 130 (*Platycheirus*). Type-locality: "Tsuchiura, Ibaraki Pref." (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Honshu, Kyushu).
- perpallidus** (VERRALL, 1901): British flies, **8**: 290 (*Platychirus*). Type-localities: "at Sutton in Warwickshire and at Kingussie in Inverness" (Great Britain).—Distr.: Europe: N, IRE, GB, DK, NL, B, D, PL, F, R, E, BG; USSR from Leningrad region to SET (Mo), SMA (Ki), WS, FE (Primorye Territory); Asia: Mongolia, Japan (Hokkaido); Nearctic Region.
- podagratus** (ZETTERSTEDT, 1838): Insecta Lapp.: 606 (*Scaeva*). Type-locality: "in Lapponia Umensi, ad Lycksele . . . (Lapponia)" [= Lycksele, Västerbotten] (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, D, PL, F, CH, R, YU, BG; USSR: NET, CET (Leningrad region, La), SMA (Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region.
- rarus** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 175 (*Platycheirus*). Type-locality: Altai, valley of the r. Dzhasator (W Siberia).—Distr.: USSR: WS (Altai).
- scambus** (STAEGER, 1843): Naturh. Tidsskr., **4**: 325 (*Syrphus*). Type-locality: "Enge og Mofer" (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, CH, R; USSR: NET, CET, WS, ES, FE; Asia: Mongolia; Nearctic Region.
- scutatus** (MEIGEN, 1822): Syst. Besch., **3**: 333 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: NET, CET, TC, SMA (Ki, Tu), WS, ES, FE; Asia: Mongolia, Japan, Afghanistan; Nearctic Region.
- quadratus* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 230 and Ins. Dipt., **4**: 82 (*Syrphus*). Type-locality: "Nord de la France".
- sexnotatus* (MEIGEN, 1838): Syst. Besch., **7**: 134 (*Syrphus*). Type-locality: not given ("In hiesiger Gegend") (?Stolberg near Aachen) [D].
- pygmaeus* (FREY, 1907): Meddn Soc. Fauna Flora fenn., **33**: 69 (*Platycheirus*, as var. of *scutatus*). Type-locality: "in Tavastia unweit der Stadt Tammerfors" [= near Tampere] (Finland).
- sticticus** (MEIGEN, 1822): Syst. Besch., **3**: 332 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].—Distr.: Europe: SF, IRE, GB, DK, NL, B, D, F, I, YU, R; USSR: NET, CET, WS (Tuva), ES (Yakutia).
- spathulatus* RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 121 (*Platycheirus*). Type-locality: "prope Parmam" [= environs of Parma] (Italy).
- subordinatus** (BECKER, 1915): Zap. imp. Akad. Nauk, cl. phys.-math., (8) **28**(7): 60 (*Platycheirus*). Type-localities: "aus der Tundra des Fl. Kara, . . . aus dem Polaren Ural" (USSR).—Distr.: Europe: N, SF, USSR: NET, North Siberia.
- tarsalis** (SCHUMMEL, 1837): Uebers. schles. Ges. vaterl. Kult., **1836**: 84 (*Syrphus*). Type-locality: "Unweit Silberberg" [= near Kłodzko] (Poland).—Distr.:

- Europe: GB, DK, NL, B, L, D, PL, CS, F, CH, A, BG; USSR: NET, CET, ES, FE (Chukotka); Nearctic Region.
- tatricus** DUŠEK et LÁSKA, 1982: Acta ent. bohemoslov., **79**: 380 (*Platycheirus*). Type-locality: "Czechoslovakia, Slovakia, Vysoké Tatry mountains, Skalnaté pleso".—Distr.: Europe: CS.
- transfugus** (ZETTERSTEDT, 1838): Insecta Lapp.: 607 (*Scaeva*). Type-localities: "in Lapponia ... ad Muonioniska Lapponiae Tornensis..., ... ad Lycksele Lapponiae Umensis..., ... ad Haparanda... (Lappon.-Botnia borealis)" (Sweden) ("Haparanda" lectotype des. ANDERSSON, 1970: Ent. Scand., **1**(3): 239).—Distr.: Europe: N, S, SF.
- urakawensis** (MATSUMURA, 1919): Ent. Mag., Kyoto, **3**(3-4): 132 (*Melanostoma*). Type-locality: "Hokkaido (Sapporo, Hidaka)" (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan.
- alpinus* (SHIRAKI et EDASHIGE, 1953): Trans. Shikoku ent. Soc., **3**(5-6): 96 (*Melanostoma*). Type-locality: "Mt. Ishizuchi, Ehime Pref." (Japan). A junior primary homonym of *Melanostoma alpinum* SZILÁDY, 1942.
- japonicus* (VAN DER GOOT, 1964): Beaufortia, **10**(127): 218 (*Melanostoma*, new name for *Melanostoma alpinum* SHIRAKI et EDASHIGE, 1953).

Doubtful species of *Platycheirus*

- argentatus* (RINGDAHL, 1936): Opusc. ent., **1**: 2 (*Platycheirus*). Type-locality: "in der Gebirgsgegenden Jämtlands, Undersaker in der Regio sylvatico, Anarisfjällen" (Sweden).
- bimaculata* (VON ROSER, 1840): CorrespBl Württ. landw. Ver. Stuttg. (N.S.), **17**(1): 55 (*Syrphus*). Type-locality: not given (Württemberg).
- cyaneus* (MÜLLER, 1764): Fauna Insect. Fridr., **7**: 85 (*Musca*). Type-locality: not given ("Friedrichsdal") [= Frederiksdal near Copenhagen] (Denmark).
- elongatus* (MATSUMURA, 1919): Ent. Mag., Kyoto, **3**(3-4): 133 (*Melanostoma*). Type-locality: "Saghalien (Toyohara)" [= Sakhalin: Yuzhno-Sakhalinsk].
- flavipes* (SZILÁDY, 1940): Annl. hist.-nat. Mus. natn. hung., **33**: 56 (*Platycheirus*). Type-locality: "Szalonna, Ungarn" [= Slavnic] (Czechoslovakia).
- islandicus* (FRISTRUP, 1943): Ent. Meddr., **23**: 157 (*Platycheirus*). Type-locality: "in Tungudalur, Isafjörður". A junior primary homonym of *islandicus* RINGDAHL, 1930.
- motodomariensis* (MATSUMURA, 1919): Ent. Mag., Kyoto, **3**(3-4): 133 (*Melanostoma*). Type-locality: "Saghalien (Toyohara)" [= Sakhalin: Yuzhno-Sakhalinsk].
- navus* (HARRIS, [1780]): Expos. Eng. Ins.: 109 (*Musca*). Type-locality: not given (England).
- otaniensis* (MATSUMURA, 1919): Ent. Mag., Kyoto, **3**(3-4): 140 (*Melanostoma*). Type-locality: "Saghalien (Otani)" (Sakhalin).
- sareptanus* (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde Berl., **1937**(4-7): 196 (*Platycheirus*). Type-localities: "S.-Russland (Sarepta [= Krasnoarmeysk nr Volgograd], Bogdo)" (USSR).
- silesicus* (ENDERLEIN, 1938): Sber. Ges. naturf. Freunde Berl., **1937**(4-7): 195 (*Platycheirus*). Type-locality: "Schlesien (Seefelder bei Reimerz)" [= Poland: near Dusznik].
- sziladyi* (VAN DER GOOT, 1964): Beaufortia, **10**(127): 218 (*Platycheirus*, as new name for *nigripes* SZILÁDY, 1940, a junior homonym of *Platycheirus nigripes* ENDERLEIN, 1933).
- nigripes* SZILÁDY, 1940: Annl. hist.-nat. Mus. natn. hung., **33**: 56 (*Platycheirus*). Type-locality: "Tátra-Széplak".
- tenuis* (MATSUMURA, 1919): Ent. Mag., Kyoto, **3**(3-4): 135 (*Melanostoma*). Type-locality: "Saghalien (Toyohara)" [= Sakhalin: Yuzhno-Sakhalinsk].
- timeo* (HARRIS, [1780]): Expos. Eng. Ins.: 107 (*Musca*). Type-locality: not given (England).

Pseudoplatychirus DOESBURG, 1955

DOESBURG, 1955: *Beaufortia*, **5**(47): 48.

Type-species: *Pseudoplatychirus peteri* DOESBURG, 1955: l.c.: 48 (mon.).

peteri DOESBURG, 1955: *Beaufortia*, **5**(47): 48 (*Pseudoplatychirus*). Type-locality: "Aghil Gebirge. Polu. 5220 m" [= Karakorum Mts].—Distr.: USSR: SMA (Pamir); Asia: China (Karakorum Mts).

Pyrophaena SCHINER, 1860

SCHINER, 1860: *Wien. ent. Mschr.*, **4**: 213.

Type-species: *Syrphus rosarum* FABRICIUS, 1787: *Mantissa insect.*, **2**: 341 (orig. des.).

Cheilosia PANZER, [1809]: *Faunae insect. germ.*, Fasc. **108**: 14. Type-species: *Syrphus rosarum* FABRICIUS, 1787: *Mantissa insect.*, **2**: 341 (mon.). To prevent confusion, the I.C.Z.N. should be asked to suppress *Cheilosia* PANZER to preserve the present usage of *Cheilosia* MEIGEN 1822 and to place *Pyrophaena* SCHINER on the Official List of Generic Names (see WIRTH, SEDMAN, WEEMS: A catalog of the Diptera of America North of Mexico, 1965: 578).

granditarsis (FORSTER, 1771): *Novae Spec. Ins.*, Cent., **1**: 99 (*Musca*). Type-locality: "Anglia".—Distr.: Europe: from IS, N, S, SF to F, CH, A, H, R; USSR: NET, CET, KZ, SMA (Ki), WS, ES, FE; Asia: N China; Nearctic Region.

confusa (HARRIS, [1780]): *Expos. Eng. Ins.*: 110 (*Musca*). Type-locality: not given (England).

brassicariae (PANZER, [1794]): *Faunae insect. germ.*, Fasc. **20**: 20 (*Musca*). Type-locality: not given (Germany).

ocymi (FABRICIUS, 1794): *Entom. syst.*, **4**: 309 (*Syrphus*). Type-locality: "Germania".

lobata (MEIGEN, 1822): *Syst. Besch.*, **3**: 336 (*Syrphus*). Type-locality: not given ("aus der Baumhauerischen Sammlung").

lindrothi RINGDAHL, 1930: *Ent. Tidskr.*, **51**: 173 (*Pyrophaena*, as var. of *granditarsa*). Type-locality: "Island".

platygastra LOEW, 1871: *Beschr. europ. Dipt.*, **2**: 229 (*Pyrophaena*). Type-locality: "Kultuk" [= on the Lake Baikal] (USSR).—Distr.: USSR: WS, ES, FE; Asia: Mongolia, N China.

rosarum (FABRICIUS, 1787): *Mantissa insect.*, **2**: 341 (*Syrphus*). Type-locality: "Hafnia" [= Copenhagen] (Denmark).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: NET, CET, TC, WS, ES; Nearctic Region.

Rohdendorfia SMIRNOV, 1924

SMIRNOV, 1924: Ent. Mitt., **13**(2/3): 94.

Type-species: *Rohdendorfia dimorpha* SMIRNOV, 1924: l.c.: 94 (mon.).

alpina SACK, 1938: Mitt. schweiz. ent. Ges., **17**(6): 222 (*Rohdendorfia*). Type-localities: "Val Cluozza: Murtérgrat, Scarltal: Piz Vallatscha, SO-Grat; Munt Tablasot" (Switzerland).—Distr.: Europe: CH, A.

alpina (LINDNER, 1954): Verh. zool.-bot. Ges. Wien, **94**: 43 (*Chilosia*, as subsp. of *reinigi* LINDNER). Type-locality: "Silvretta" (Austria).

dimorpha SMIRNOV; 1924: Ent. Mitt., **13**(2/3): 94 (*Rohdendorfia*). Type-localities: "Turkestan: Dzhizak (Samarkand Geb.), Jagnob (Samarkand Geb.), Dzhityx (Fergana Geb.)" (USSR, Uzbekistan).—Distr.: USSR: SMA (Ki, Uz, Tj), WS (Altai); Asia: Afghanistan, China (Karakorum Mts). *nigripes* (ENDERLEIN, 1933): Dt. ent. Z., **1933**(2/3): 138 (*Platychirus*). Type-locality: "Djol-Boeruljuk (nördl. Pamire)" (USSR, Pamir).

reinigi (LINDNER, 1954): Verh. zool.-bot. Ges. Wien, **94**: 41 (*Chilosia*, new name for *P. nigripes* ENDERLEIN, 1933, a junior secondary homonym of *Syrphus nigripes* MEIGEN, 1822).

hedickei REINIG, 1935: Dt. ent. Z., **1935**(3/4): 212 (*Rohdendorfia*). Type-locality: "Budapest" (Hungary).—Distr.: Europe: H.

Spazigaster RONDANI, 1843

RONDANI, 1843: Revue Zool., **6**: 43.

Type-species: *Spazigaster apennini* RONDANI, 1843: l.c.: 43 (mon.) [= *ambulans* (FABRICIUS, 1798)].

Syrphisoma COSTA, 1857: Giambatt. Vico, Gior. Sci. Napoli, **2**: 440. Type-species: *Syrphisoma lugubre* COSTA, 1857: l.c.: 448 (orig. des.) [= *ambulans* (FABRICIUS, 1798)].

Spatigaster SCHINER, 1862: Fauna austr., Diptera, **1**: 298; unjustified emendation.

Spathiogaster LOEW, 1876: Z. Ent., Breslau, (N.S.), **5**: 18; unjustified emendation.

ambulans (FABRICIUS, 1798): Suppl. entom. syst.: 562 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: PL, CH, I, YU, R; USSR: SET (Teberda), TC (Ge, Az, Arm).

coarctata (SCHUMMEL, 1837): Uebers. schles. Ges. vaterl. Kult., **1836**: 85 (*Syrphus*). Type-locality: "bei Donnerau" (Poland). A junior primary homonym of *Syrphus coarctatus* PANZER, [1797] [= *Doros conopseus* (FABRICIUS, 1794)].

dispar (LOEW, 1841): Stettin. ent. Ztg, **2**: 6 (*Syrphus*). Type-locality: "zu Landeck in der Grafschaft Glatz" (Poland). A junior primary homonym of *Syrphus dispar* FABRICIUS, 1794.

apennini RONDANI, 1843: Revue zool., **6**: 43 and Mag. Zool., Ins., 1845: tab. 155 (*Spazigaster*). Type-locality: "Apennino . . . Parmensis" [= Apennines near Parma] (Italy).

lugubris (COSTA, 1857): Giambatt. Vico, Gior. Sci. Napoli, **2**: 448 (*Syrphisoma*) and in RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 108 (*Spazigaster*). Type-locality: "Montevergine" [= near Naples] (Italy).

schummeli (LOEW, 1876): Z. Ent., Breslau, (N.F.), **5**: 19 (*Syrphus*, new name for *Syrphus coarctatus* SCHUMMEL, 1837).

nostra ZIMINA, 1963: Zool. Zh., **62**(2): 297 (*Spathiogaster*). Type-locality: Pamir: environs of Khorog, Khabost.—Distr.: USSR: SMA (Pamir).

Syrphocheilosia STACKELBERG, 1964

STACKELBERG, 1964: Zool. Zh., **43**(3): 467.

Type-species: *Syrphocheilosia aterrima* STACKELBERG, 1964: l.c.: 469 (orig. des.) [= *claviventris* (STROBL, 1909)].

claviventris (STROBL, 1909): Mitt. naturw. Ver. Steierm., **46**: 104 (*Chilosia*). Type-locality: "Um die Scheiplalm des Bösenstein" (Austria).—Distr.: Europe: CH, A; USSR: TC.

aterrima STACKELBERG, 1964: Zool. Zh., **43**(3): 469 (*Syrphocheilosia*). Type-locality: Kirovakan, Armenia (USSR).

Doubtful genus and species of *Platycheirina*

Atrichosticha ENDERLEIN, 1938

ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., **1937**(4-7): 234.

Type-species: *Spathiogaster aurantiaca* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 29 (orig. des.).

aurantiaca (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 29 (*Spathiogaster*). Type-locality: "Alai Gebirge" [= Alai Mountains] (Soviet Middle Asia).

Tribe Paragini

Paragus LATREILLE, 1804

LATREILLE, 1804: Nouv. dict. hist. nat., 24 (Tabl. méth. Ins.): 194.

Type-species: *Syrphus bicolor* FABRICIUS, 1794: Entom. syst., **4**: 297 (mon.).
Pandasyopthalmus STUCKENBERG, 1954: see below as subgenus.

Subgenus PANDASYOPHTHALMUS STUCKENBERG, 1954

STUCKENBERG, 1954: *Revue Zool. Bot. afr.*, **69**(1–2): 100 (as subgenus of *Paragus* LATREILLE, 1804).

Type-species: *Paragus longiventris* LOEW, 1857; *Öfvers. K. VetenskAkad. Förh.*, **14**: 376 (orig. des.); not Palearctic.

albipes GIMMERTHAL, 1842: *Bull. Soc. nat. Moscou*, **15**: 668 (*Paragus*). Type-localities: “Lief- und Kurland” [= Estonian and Latvian SSR].—Distr.: USSR: CET (La, Li), SMA (Tu, Uz, Ki, Tj); Asia: Iran.

abrogans GOELDIN DE TIEFENAU, 1971: *Mitt. schweiz. ent. Ges.*, **43**(3–4): 272 (*Paragus*). Type-locality: “Polur (Iran)”.

ascoensis GOELDIN DE TIEFENAU et LUCAS, 1981: *Mitt. schweiz. ent. Ges.*, **54**: 389 (*Paragus*). Type-locality: “Asco, Plateau de Stagno” (Corsica).—Distr.: Europe: F (Corsica), I (Sardinia).

coadunatus RONDANI, 1847: *Nuovi Ann. Sci. nat. Ist. Bologna*, (2) **8**: 346 (*Paragus*). Type-locality: not given (Italy).—Distr.: Europe: I; Canary Is.

haemorrhous MEIGEN, 1822: *Syst. Besch.*, **3**: 182 (*Paragus*). Type-localities: “Österreich” (Austria); “südliches Frankreich” (France).—Distr.: Europe: N, S, SF, DK, GB, NL, B, L, D, CS, F, CH, A, H, R, P, E, I, BG; USSR: CET, SET, TC, SMA (Ki, Tj, Tu), WS, ES, FE; Asia: Mongolia, Korea, Japan, Afghanistan; North Africa: Egypt; Afrotropical Region.

sigillatus CURTIS, 1836: *Brit. Ent.*, **8**: 593 (*Paragus*). Type-locality: “Darent” (Great Britain).

trianguliferus ZETTERSTEDT, 1838: *Insecta Lapp.*: 618 (*Paragus*). Type-locality: “in Lapponia meridionali; ad hovaculum Umenaes, Lapponiae Umensis (Lappon.-Gottland. Scania)” (Sweden).

pallipes MATSUMURA, 1916: *Ent. Mag., Kyoto*, **2**(1): 11, pl. 1, fig. 6 (*Paragus*). Type-localities: “Saghalien, Honshu (Towada, Tokyo, Kyoto)” (USSR, Japan).

coreanus SHIRAKI, 1930: *Mem. Fac. Agric. Taihoku imp. Univ.*, **1**(1): 250 (*Paragus*). Type-localities: “Korea—Koryo, Kongo, Shakuoji”.

jozanus MATSUMURA, 1916: *Ent. Mag., Kyoto*, **2**(1): 10, pl. 1, fig. 5 (*Paragus*). Type-locality: “Hokkaido (Jozankei near Sapporo)” (Japan).—Distr.: Asia: Japan.

politus WIEDEMANN, 1830: *Aussereurop. zweifl. Insekt.*, **2**: 89 (*Paragus*). Type-locality: “China”.—Distr.: Asia: China, Japan (Kyushu, Okinawa); Oriental Region.

tibialis (FALLÉN, 1817): *Syrphici Sveciae*: 60 (*Pipiza*). Type-localities: “in Vestrogothia . . . ; in arvis montosis Scaniae” [= prov. Västergötland and prov. Skåne] (Sweden).—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; widespread in USSR; Asia: Mongolia, Korea, Japan, China, Iran, Afghanistan; North Africa: Algeria, Tunisia, Egypt; Madeira, Canary Is; Nearctic and Oriental Regions.

- aeneus* MEIGEN, 1822: Syst. Besch., 3: 183 (*Paragus*). Type-locality: "südliches Frankreich" (France).
- femoratus* MEIGEN, 1822: Syst. Besch., 3: 184 (*Paragus*). Type-locality: "Österreich" (Austria).
- obscurus* MEIGEN, 1822: Syst. Besch., 3: 183 (*Paragus*). Type-locality: "Frankreich" (France).
- zonatus* MEIGEN, 1822: Syst. Besch., 3: 177 (*Paragus*). Type-locality: "Herzogthum Berg" [D].
- analis* (MACQUART in WEBB and BERTHELOT, 1839): Hist. nat. Canaries, Entom., 2(2): 109 (*Ascia*). Type-locality: "Iles Canaries".
- nigritus* GIMMERTHAL, 1842: Bull. Soc. nat. Moscou, 15: 668 (*Paragus*). Type-localities: "Lief- und Kurland" [= Estonian and Latvian SSR].
- dispar* SCHUMMEL, 1843: Uebers. schles. Ges. vaterl., Kult. 1842: 163 (*Paragus*). Type-locality: "bei Lissa" [= near Wroclaw] (Poland).
- numida* MACQUART in LUCAS (ed.), 1849: Explor. scient. Algerie, Zool., 3: 471 (*Paragus*). Type-localities: "environs d'Alger et du cercle de Lacalle" (Algeria).
- varipes* (BIGOT, 1880): Anns Soc. ent. Fr., (5) 10: 150 and Anns Soc. ent. Fr., (6) 5(1885): 249 (*Orthonevra*). Type-localities: "au nord de la Perse et sur le versant méridional du Caucase".
- ogasawarae* MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 13, pl. 1, fig. 8 (*Paragus*). Type-locality: "Honshu (Iwate)" (Japan).
- tamagawanus* MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 9 (*Paragus*). Type-locality: "Honshu (Tamagawa)" (Japan).
- meridionalis* BECKER, 1921: Mitt. zool. Mus. Berl., 10: 4 (*Paragus*, as var. of *tibialis*). Type-localities: "Griechenland, Nord-Africa, Sarepta, Turkestan, Teneriffa, Schlesien" (Greece; North Africa; USSR: Krasnoarmeysk, Turkestan; Canary Is, Poland).
- mongolicus* KANERVO, 1938: Anns ent. fenn., 4(3): 149 (*Paragus*, as var. of *tibialis*). Type-locality: "Daurien" [= Transbaikal] (USSR).

Subgenus PARAGUS LATREILLE, 1804

- absidatus** GOEGLIN DE TIEFENAU, 1971: Mitt. schweiz. ent. Ges., 43(3-4): 273 (*Paragus*). Type-locality: "Van-d'en-Hout (Valais)" (Switzerland).—Distr.: Europe: CH.
- albifrons** (FALLÉN, 1817): Syrphici Sveciae: 60 (*Pipiza*). Type-locality: "prope Stenshufvud Scaniae" (Sweden).—Distr.: Europe: from S, SF to P, E, I, YU, BG; USSR from Leningrad region to SET, TC, KZ, SMA (Ki), WS, ES, FE (Primorye Territory); Asia: Mongolia, Iran, Afghanistan.
- lacerus* LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Pozen, 1840: 27 and Isis (Oken's), 1840(VII-VIII): 559 (*Paragus*). Type-locality: "Posener Gegend" [= Poznań] (Poland).

- lavendulae* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 140 (*Paragus*).
Type-locality: "In colle subapennino" [= Apennines] (Italy).
- macularis* SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., **33**: 55 (*Paragus*,
as ab. of *albifrons*). Type-locality: not given.
- antoinettae** GOELDIN DE TIEFENAU et LUCAS, 1981: Mitt. schweiz. ent. Ges., **54**: 391
(*Paragus*). Type-locality: "Venaco" (Corsica).—Distr.: Europe: CS, E, F
(Corsica), I (Sardinia, Sicily), GR (Crete, Rhodes); Asia: Turkey.
- asiaticus** PECK, 1979: Insects of Mongolia, **6**: 459 (*Paragus*). Type-locality:
Mongolia, South Gobi aimak, Tost-Ula, 40 km W of Somon Gurvan-
Tes.—Distr.: USSR: KZ, SMA (Ki, Uz, Tj, Tu); Asia: Mongolia.
- azureus** HULL, 1949: Ann. Mag. nat. Hist., (12) **2**(22): 729 (*Paragus*). Type-locality:
"Sokotra".—Distr.: USSR: TC (Arm); Asia: Israel; North Africa: Egypt;
Afrotropical Region.
- [*scrupeus* STUCKENBERG, 1954: Trans. R. ent. Soc. Lond., **105**(17): 406
(*Paragus*, as subsp. of *azureus*). Type-locality: "Arabia: Aden" (South
Yemen).]
- bicolor** (FABRICIUS, 1794): Entom. syst., **4**: 297 (*Syrphus*). Type-locality:
"Barbariae" [= NW Africa].—Distr.: Europe: from S to P, E, I, BG;
USSR: NET, CET, SET, TC, KZ, SMA, WS, ES; Asia: Mongolia, Iran,
Afghanistan; North Africa: Morocco, Algeria, Tunisia, Egypt; Nearctic
Region.
- arcuatus* MEIGEN, 1822: Syst. Besch., **3**: 179 (*Paragus*). Type-locality:
"Provence" (France).
- ater* MEIGEN, 1822: Syst. Besch., **3**: 182 (*Paragus*). Type-locality:
"Carpentras" (France).
- taeniatus* MEIGEN, 1822: Syst. Besch., **3**: 179 (*Paragus*). Type-locality:
"südliches Frankreich" (France).
- testaceus* MEIGEN, 1822: Syst. Besch., **3**: 180 (*Paragus*). Type-localities:
"Österreich, aus dem südlichen Frankreich" (Austria, France).
- ruficauda* ZETTERSTEDT, 1843: Dipt. Scand., **2**: 852 (*Paragus*). Type-locality:
"in Scania, ad Esperöd" (Sweden).
- tacchetii* RONDANI, 1865: Atti Soc. Ital. Sci. nat., Milano, **8**: 140 (*Paragus*).
Type-locality: "In montuosis Agri Brixienis" [= environs of Brescia]
(Italy).
- cinctus** SCHINER et EGGER, 1853: Verh. zool.-bot. Ver. Wien, **3**: 96 (*Paragus*). Type-
locality: "Purkersdorf in Nieder-Oesterreich" (Austria).—Distr.:
Europe: F, A, H, R, E, I, YU, BG; USSR: SET, SMA (Tu, Tj).
- ebracatus* RONDANI, 1857: Dipt. Ital. Prodr., **2**: 193 (*Paragus*). Type-
locality: "in planitie agri parmensis" [= region of Parma] (Italy).
- intermedius* PALMA, 1863: Annali Accad. Aspir. Natur. Napoli, (3) **3**: 63,
pl. VII, fig. 15 (*Paragus*). Type-locality: "Monte Vergine" [= near Naples]
(Italy).

- excalceatus* RONDANI, 1868: Atti Soc. Ital. sci. nat., Milano, **11**: 34 (*Paragus*). Type-locality: "It. Centr." (Italy).
- rufipes* SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., **33**: 54 (*Paragus*, as var. of *cinctus*). Type-localities: "Ugod (Mittelungarn) und aus Dalmatien" (Hungary and Yugoslavia).
- compeditus** WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., **2**: 89 (*Paragus*). Type-locality: "Egypten" (Egypt).—Distr.: SET (Uk, Crimea, Astrakhan Reservation), TC, KZ, SMA (Tu, Uz, Ki, Tj); Asia: Iran, Afghanistan, N China; North Africa: Egypt.
- aegyptius* MACQUART, 1850: Mém. Soc. Sci. Agric. Lille, **1849**: 464 and Dipt. exot., suppl. **4**: 160 (*Paragus*). Type-locality: "Egypte".
- nitidissimus* COSTA, 1878: Atti Accad. Sci. fis. mat. Napoli, **7**(2): 15 (*Paragus*). Type-locality: "Egitto" [= Egypt].
- luteus* BRUNETTI, 1908: Rec. Indian Mus., **2**(1): 52 (*Paragus*). Type-locality: "Persia, Bushire" [= Bushir] (Iran).
- crenulatus** THOMSON, 1869: K. svenska Fregatten Eugénies Resa, **2**(1): 503 (*Paragus*). Type-locality: "China".—Distr.: Asia: China; Oriental Region, Australia.
- fasciatus** COQUILLET, 1898: Proc. U.S. natn. Mus., **21**: 320 (*Paragus*). Type-locality: not given (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Honshu, Shikoku, Kyushu).
- finitimus** GOELDIN DE TIEFENAU, 1971: Mitt. schweiz. ent. Ges., **43**(3–4): 277 (*Paragus*). Type-locality: "Dévens (Val)" (Switzerland).—Distr.: Europe: SF, DK, NL, CH; USSR: CET, SET, KZ, SMA (Ki, Tj), WS, ES; Asia: Mongolia, Iran.
- flammeus** GOELDIN DE TIEFENAU, 1971: Mitt. schweiz. ent. Ges., **43**(3–4): 275 (*Paragus*). Type-locality: "Dévens (Val)" (Switzerland).—Distr.: Europe: B, CH, A, GR; USSR: CET, SET, KZ, SMA (Tj); Asia: Iran.
- flaviventris** PECK, 1979: Insects of Mongolia, **6**: 462 (*Paragus*). Type-locality: Mongolia, Gobi-Altai aimak, Khaichi-Bulak, 60 km SE of Bugat.—Distr.: Asia: Mongolia.
- hermonensis** KAPLAN, 1981: Proc. ent. Soc. Wash., **83**(2): 201 (*Paragus*). Type-locality: "Israel, Mt. Hermon, 2000 m".—Distr.: Europe: I (Lombardy, Resegone, near Lake Como), R; Asia: Israel. Published in April 1981.
- bradescui* STĂNESCU, 1981: Trav. Mus. Hist. nat. Gr. Antipa, **23**: 149 (*Paragus*). Type-locality: "fôret Rasarea (départ. de Giurgiu)" (Romania). Published in November 1981.
- majoranae** RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 192 (*Paragus*). Type-locality: "in agro parmensi" [= region of Parma] (Italy).—Distr.: Europe: DK, NL, CH, P, E, F (Corsica), I (Sardinia, Sicily), M, YU, R; USSR: CET.
- pecchiolii* RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 192 (*Paragus*). Type-locality: "prope Pisas" [= Pisa] (Italy).
- tarsatus* RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 191 (*Paragus*). Type-localities: "Melitensem" [= Malta], "Siculum" [= Sicily] (Italy).

- punctulatus** ZETTERSTEDT, 1838: *Insecta Lapp.*: 617 (*Paragus*). Type-localities: "in Lapponia Norvegica; in alpe Dowre (Lappon.)".—Distr.: Europe: N, CH, F, A.
- productus* SCHINER, 1862: *Fauna austr.*, 1: 258 (*Paragus*). Type-locality: "bei Wien" [= environs of Vienna] (Austria).
- sanktmaurisi* BECKER, 1921: *Mitt. zool. Mus. Berl.*, 10: 4 (*Paragus*, as var. of *tibialis* FALLÉN). Type-localities: "St. Moritz, Schweiz" (Switzerland) and "Lautaret (Dauphinée)" (France).
- quadrifasciatus** MEIGEN, 1822: *Syst. Besch.*, 3: 181 (*Paragus*). Type-locality: "Frankreich" (France).—Distr.: Europe: F, CH, A, H, P, E, I, YU, R, BG; USSR: CET, SET, TC, KZ, SMA (Ki, Tu, Uz, Tj); Asia: North China, Korea, Japan, Iran, Afghanistan; North Africa: Morocco.
- concinus* (WIEDEMANN in MEIGEN, 1822): *Syst. Besch.*, 3: 321 (*Syrphus*). Type-locality: "Neapel" [= Naples] (Italy).
- albifrons* (WIEDEMANN in MEIGEN, 1822): *Syst. Besch.*, 3: 322 (*Syrphus*, in synonymy with *I. concinns*). In *Paragus* a junior secondary homonym of *Pipiza albifrons* FALLÉN, 1817.
- bifasciatus* MACQUART, 1834: *Hist. nat. Ins., Dipt.*, 1: 566 (*Paragus*). Type-locality: "Bordeaux" (France).
- pulcherrimus* STROBL, 1893: *Wien. ent. Ztg.*, 12: 78 (*Paragus*). Type-localities: "Fiume, Abbazia" [= Rijeka and Opatija] (Yugoslavia).
- variofasciatus* BECKER, 1907: *Z. syst. Hymenopt. Dipterol.*, 7: 249 (*Paragus*). Type-locality: "Biskra" (Algeria).
- nohirae* MATSUMURA, 1916: *Ent. Mag., Kyoto*, 2(1): 12, pl. 1, fig. 7 (*Paragus*). Type-locality: "Honshu (Kurama in Kyoto)" (Japan).
- serratus** (FABRICIUS, 1805): *Syst. antl.*: 186 (*Mulio*). Type-locality: "Tranquebariae" (India).—Distr.: Asia: Afghanistan; Oriental Region.
- sexarcuatus** BIGOT, 1862: *Annls Soc. ent. Fr.*, (4) 2: 113 (*Paragus*). Type-locality: "Corse" [= Corsica] (France).—Distr.: Europe: F (Corsica), I (Sardinia, Sicily).
- stackelbergi** BAŃKOWSKA, 1968: *Bull. Acad. pol. Sci. (Biol.)*, 16(4): 239 (*Paragus*). Type-locality: "Mongolia: Urga [= Ulan Bator]".—Distr.: USSR: WS, ES; Asia: Mongolia, China (north).
- strigatus** MEIGEN, 1822: *Syst. Besch.*, 3: 180 (*Paragus*). Type-locality: "Carpentras" (France).—Distr.: Europe: F, P, E, I, YU, R, BG; USSR: SET, KZ, SMA (Ki, Tj); Asia: Mongolia; North Africa: Morocco, Algeria, Egypt.
- bimaculatus* WIEDEMANN, 1824: *Analecta ent.*: 33 (*Paragus*). Type-locality: "Mogador" [= Essaouira] (Morocco).
- algius* MACQUART in LUCAS (ed.), 1849: *Explor. scient. Algérie, Zool.*, 3: 471, pl. IV, fig. 12 (*Paragus*). Type-locality: "environs de Constantine" (Algeria).
- sexmaculatus* BEZZI, 1895: *Bull. Soc. ent. ital.*, 27: 55 (*Paragus*, as var. of *bicolor* FABRICIUS). Type-locality: "Calabria" (Italy).

Doubtful species of *Paragus*

- cruentatus* (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, **2**: 487 (*Musca*). Type-locality: "Paris" (France).
- melanochrysis* (GMELIN, 1790): Syst. Nat., Ed. 13, **1**(5): 2879 (*Musca*). Type-locality: "Europa".
- mundus* WOLLASTON, 1858: Ann. Mag. nat. Hist., (3) **1**(2): 115 (*Paragus*). Type-localities: "Madeira prope (Sao Vincente, Ribeiro Frio, near Funchal, & c.) and Porto Santo".
- niger* ŠUSTER, 1959: Fauna R. P. Romine, Ins., **11**(3): 129 (*Paragus*). Type-locality: "Birnova (reg. Iași)" (Roumania).
- thymastri* (FABRICIUS, 1781): Species insect., **2**: 433 (*Syrphus*). Type-locality: "Germania".

Subfamily Milesiinae

Tribe Pipizini

***Heringia* RONDANI, 1856**

RONDANI, 1856: Dipt. Ital. Prodrumus, **1**: 53.

Type-species: *Pipiza heringi* ZETTERSTEDT, 1843: Dipt. Scand., **2**: 844 (orig. des.).

curvinervis (STROBL, 1898): Mitt. naturw. Ver. Steierm., **34**: 228 (*Pipiza* (*Heringia*)).

Type-locality: "Gesäuse" (Austria).—Distr.: Europe: F, A, R.

heringi (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 844 (*Pipiza*). Type-localities: "in Suecia australi; in insula insigni Gottlandia ad Fardhem . . . , ad Hoburg" (Sweden).—Distr.: Europe: from Scandinavia to E, YU, BG; USSR: CET, TC, KZ, SMA (Ki), WS; Asia: Mongolia.

atra (LOEW, 1840): Öffentl. Prüf. Schüler K. Friederich-Wilhelms-Gymnasiums zu Posen, **1840**: 30 and Isis (Oken's), **1840**(VII–VIII): 564 (*Pipiza*). Type-locality: "Posen" [= Poznań] (Poland). A junior primary homonym of *Pipiza atra* FALLÉN, 1817.

geniculata (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 839 (*Pipiza*). Type-localities: "in Suecia; in Scania ad Abusa, in Ostrogothia ad Wadstena; in Dania" (Sweden, Denmark). A junior primary homonym of *Pipiza geniculata* MEIGEN, 1822.

leucogona (ZETTERSTEDT, 1849): Dipt. Scand., **8**: 3185 (*Pipiza*, new name for *Pipiza geniculata*).

zetterstedti RONDANI, 1856: Dipt. Ital. Prodrumus, **1**: 53 (*Heringia*); unjustified new name for *Pipiza heringi*.

sculpeonata RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 139 (*Heringia*). Type-locality: not given (Italy).

hispanica (STROBL, 1909): Verh. zool.-bot. Ges. Wien, **59**: 208 (*Pipizella*, as var. of *heringi*). Type-locality: "Montserrat, Fuente Teja bei Escorial" (Spain).

- dubium* (LUNDBECK, 1916): Dipt. Danica, **5**: 67 (*Penium*). Type-localities: "vicinity of Copenhagen; Amager Faelled, Ermelund and Charlottenlund" (Denmark).
- palipes* (ANDRÉU, 1926): Boln Soc. ent. Esp., **9**: 103 (*Pipizella*, as var. of *heringi*). Type-locality: "La Vansa (Lérida)" (Spain).
- punctipennis** (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 11 (*Pipizella*). Type-locality: "Sarepta" [=Krasnoarmeysk near Volgograd] (USSR).—Distr.: Europe: YU; USSR: SET.
- pyrenaica** (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 11 (*Pipizella*). Type-locality: "Vernet, Ost-Pyrenäen" [=Pyrénées-Orientales] (France).—Distr.: Europe: F.
- senilis** SACK, 1938: Konowia, **17**(1): 19 (*Heringia*). Type-locality: "aus Stip in Jugoslavien, aus Ragusa" [=Dubrovnik] (Yugoslavia).—Distr.: Europe: NL, B, YU; USSR: SET, TC, KZ, SMA (Uz).

Neocnemodon GOFFE, 1944

- GOFFE, 1944: Entomologist's mon. Mag., **80**: 128 (new name for *Cnemodon* EGGER, 1865, a junior homonym of *Cnemodon* SCHOENHER, 1826).
Type-species: *Cnemodon latitarsis* EGGER, 1865: Verh. zool.-bot. Ges. Wien, **15**: 573 (aut.).
- Cnemodon* EGGER, 1865: Verh. zool.-bot. Ges. Wien, **15**: 573. Type-species: *Cnemodon latitarsis* EGGER, 1865: l.c.: 573 (des. GOFFE, 1944: Entomologist's mon. Mag., **80**: 128).
- brevidens** (EGGER, 1865): Verh. zool.-bot. Ges. Wien, **15**: 574 (*Cnemodon*). Type-locality: "Brühl bei Wien" (Austria).—Distr.: Europe: GB, NL, B, A, R; USSR: CET (Leningrad region), SET (Uk, Mo), ES (Yakutia, Transbaikal), FE (Primorye Territory).
- micans* (DOESBURG, 1949): Ent. Ber., Amst., **12**(294): 242 (*Cnemodon*). Type-locality: "Baarn, The Netherlands".
- buka** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 179 (*Neocnemodon*). Type-locality: West Sayan, village Abasa (W Siberia).—Distr.: USSR: WS.
- fulvimanus** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 848 (*Pipiza*). Type-locality: "in Suecia boreali; in Jemtlandia ad radicem alpīs Areskutan" (Sweden).—Distr.: Europe: N, S, SF, DK, NL, PL, B, F, CH, A, R; USSR: NET, CET, ES (Yakutia, Transbaikal).
- jakutorum** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., **12**: 355 (*Cnemodon*). Type-locality: Irkutsk region, Padun on the r. Verkhnyaya Tunguska.—Distr.: USSR: WS, ES.
- latitarsis** (EGGER, 1865): Verh. zool.-bot. Ges. Wien, **15**: 573 (*Cnemodon*). Type-locality: "Brühl bei Wien" (Austria).—Distr.: Europe: IRE, GB, DK,

- NL, D, PL, B, L, F, CS, CH, A, YU, R, BG; USSR: CET (La), SET, TC; Nearctic Region (introduced).
- morionellus** (ZETTERSTEDT, 1843): Dipt. Scand., 2: 837 (*Pipiza*). Type-locality: "Dania".—Distr.: Europe: S, DK; USSR: WS, ES.
- nox** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 179 (*Neocnemodon*). Type-locality: Sakhalin, environs of Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin).
- pubescens** (DELUCCHI et PSCHORN-WALCHER, 1955): Z. angew. Ent., 37(3–4): 504 (*Cnemodon*). Type-locality: "Lüneburg, Allemagne" [D].—Distr.: Europe: SF, GB, DK, NL, D, PL, B, L, BG; USSR: NET, CET, FE (Khabarovsk Territory); Nearctic Region (introduced).
- simplicipes** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 353 (*Cnemodon*). Type-locality: Primorye Territory: Vinogradovka (Anuchino district).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Hokkaido).
- verrucula** (COLLIN, 1931): Entomologist's mon. Mag., 67: 155 (*Cnemodon*). Type-localities: "Polton (Edinburg), Chippenham (Camds.), Tilgate (Sussex), Barton Mills (Suffolk)" (Great Britain).—Distr.: Europe: SF, GB, DK, NL; USSR: CET, WS, ES; Asia: Mongolia.
- vitripennis** (MEIGEN, 1822): Syst. Besch., 3: 254 (*Pipiza*). Type-locality: "Österreich" (Austria).—Distr.: Europe: S, SF, GB, DK, NL, D, PL, CS, B, F, CH, A, E, I, R, BG; USSR: CET, SET, TC, WS, ES, FE; Asia: Mongolia, N China.
- acuminatus* (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 30 and Isis (Oken's), 1840(VII–VIII): 564 (*Pipiza*). Type-locality: "Posen" [= Poznań] (Poland).
- aphidiphagus* (COSTA, 1853): Atti Ist. Incorrag. Sci. nat. Napoli, 9: 85 (*Pipiza*). Type-locality: "Napoli" [= Naples] (Italy).
- dreyfusiae* (DELUCCHI et PSCHORN-WALCHER, 1955): Z. angew. Ent., 37(3–4): 502 (*Cnemodon*). Type-locality: "Autriche" (Austria).

Doubtful species of *Neocnemodon*

- ruficornis* (MEIGEN, 1822): Syst. Besch., 3: 252 (*Pipiza*). Type-locality: "Österreich" (Austria).

Pipiza FALLÉN, 1810

FALLÉN, 1810: Specim. entom. novam Dipt.: 11.

Type-species: *Musca noctiluca* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 593 (des. CURTIS, 1837: Brit. Ent., 14: 669).

- abdominalis** (SHIRAKI et EDASHIGE, 1953): Trans. Shikoku ent. Soc., 3(5-6): 84 (*Pipizella*). Type-locality: "Omogo Valley, Iyo, Ehime Prefecture" (Japan).—Distr.: Asia: Korea, Japan (Shikoku).
- austriaca** MEIGEN, 1822: Syst. Besch., 3: 252 (*Pipiza*). Type-locality: "Österreich" (Austria).—Distr.: Europe: SF, IRE, GB, DK, NL, D, PL, B, F, CH, A, YU, BG; USSR: CET, TC, KZ, WS, ES, FE (Khabarovsk Territory); Asia: Japan (Hokkaido).
- bimaculata** MEIGEN, 1822: Syst. Besch., 3: 246 (*Pipiza*). Type-locality: not given (Europe).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, CS, B, L, F, CH, A, E, YU, R; USSR: CET, SMA (Ki), WS; Asia: Mongolia.
- chalybeata** MEIGEN, 1822: Syst. Besch., 3: 252 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].
- geniculata** MEIGEN, 1822: Syst. Besch., 3: 245 (*Pipiza*). Type-locality: not given ("In hiesiger Gegend") (?Stolberg near Aachen) [D].
- guttata** MEIGEN, 1822: Syst. Besch., 3: 247 (*Pipiza*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D], "Österreich" (Austria).
- familiaris** MATSUMURA, 1918: J. Coll. Sapporo, 8(1): 2 (*Pipiza*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: Asia: Japan (Hokkaido).
- fasciata** MEIGEN, 1822: Syst. Besch., 3: 242 (*Pipiza*). Type-locality: "Österreich" (Austria).—Distr.: Europe: PL, B, CH, A, H, E, YU, BG; USSR: CET, SET, WS, FE (Primorye Territory).
- fenestrata** MEIGEN, 1822: Syst. Besch., 3: 248 (*Pipiza*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D], "Österreich" (Austria).—Distr.: Europe: GB, D, PL, F, CH, A, R.
- festiva** MEIGEN, 1822: Syst. Besch., 3: 243 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: NL, B, D, PL, CS, F, CH, A, H, R, E, I, YU, BG; USSR: CET, SET, TC, SMA (Ki), WS, ES, FE (Khabarovsk and Primorye Territories, Sakhalin).
- artemis** MEIGEN, 1822: Syst. Besch., 3: 244 (*Pipiza*). Type-locality: "Österreich" (Austria).
- lunata** MEIGEN, 1822: Syst. Besch., 3: 243 (*Pipiza*). Type-locality: "Österreich" (Austria).
- ornata** MEIGEN, 1822: Syst. Besch., 3: 243 (*Pipiza*). Type-locality: "Österreich" (Austria).
- leucopeza** MEIGEN, 1838: Syst. Besch., 7: 118 (*Pipiza*). Type-locality: "Baiern" [= Bavaria] [D].
- excalceata** RONDANI, 1857: Dipt. Ital. Prodr., 2: 181 (*Pipiza*). Type-locality: "in agro Parmensis" [= region of Parma] (Italy).
- fairmairii** (BIGOT, 1884): Anns Soc. ent. Fr., (6) 3: 536 (*Myolepta*). Type-locality: "Gallia, alpi mont." (France).
- zonata** SZILÁDY, 1935: Anns hist.-nat. Mus. natn. hung., 29: 213 (*Pipiza*, as var. of *festiva*). Type-locality: "Ungarn" (Hungary).

- flavimaculata** MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 2 (*Pipiza*). Type-locality: "Honshu (Iwate)" (Japan).—Distr.: Asia: Japan (Honshu).
- inornata** MATSUMURA, 1916: Ent. Mag., Kyoto, **2**(1): 15, pl. 1, fig. 10 (*Pipiza*). Type-locality: "Hokkaido (Moiwa in Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- lugubris** (FABRICIUS, 1775): Syst. entom.: 770 (*Syrphus*). Type-locality: "Dania".—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, B, L, CS, F, E, I, YU, R, BG; USSR: NET, CET, SET, WS, FE (Khabarovsk and Primorye Territories).
- dirae* (HARRIS, [1780]): Expos. Eng. Ins.: 112, pl. 33, fig. 7 (*Musca*). Type-locality: not given (England).
- funebri* MEIGEN, 1822: Syst. Besch., **3**: 250 (*Pipiza*). Type-locality: not given (Europe).
- luctuosa* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 179 and Ins. Dipt., **4**: 31 (*Pipiza*). Type-locality: "Nord de la France".
- luteitarsis** ZETTERSTEDT, 1843: Dipt. Scand., **2**: 828 (*Pipiza*). Type-localities: "in Suecia; in Scania ad Lund e Glogavia" (Sweden).—Distr.: Europe: S, SF, IRE, GB, DK, NL, D, B, F; USSR: NET, CET.
- noctiluca** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 593 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, FE.
- tristor* (HARRIS, [1780]): Expos. Eng. Ins.: 107, pl. 32, fig. 42 (*Musca*). Type-locality: not given (England).
- anthracina* MEIGEN, 1822: Syst. Besch., **3**: 253 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].
- albipila* MEIGEN, 1830: Syst. Besch., **6**: 350 (*Pipiza*). Type-locality: not given ("Von Hrn. Wiedemann") (Europe).
- albitarsis* MEIGEN, 1830: Syst. Besch., **6**: 350 (*Pipiza*). Type-locality: not given ("Von Hrn. Wiedemann") (Europe).
- rufithorax* MEIGEN, 1830: Syst. Besch., **6**: 350 (*Pipiza*). Type-locality: not given ("Von Hrn. Wiedemann") (Europe).
- biguttula* ZETTERSTEDT, 1838: Insecta Lapp.: 616 (*Pipiza*). Type-locality: "in Lapponia, ad Lycksele Lapponiae Umensis, ad Evenas Nordlandiae (Lapponia)" (Sweden).
- binotata* ZETTERSTEDT, 1838: Insecta Lapp.: 616 (*Pipiza*). Type-locality: "in Lapponia Umensi ad Lycksele (Lapponia)" (Sweden).
- hyalipennis* ZETTERSTEDT, 1838: Insecta Lapp.: 616 (*Pipiza*). Type-locality: "in Lapponia meridionali, ad Lycksele (Lapponia)" [= Lycksele, Västerboten] (Sweden).
- obsoleta* ZETTERSTEDT, 1838: Insecta Lapp.: 616 (*Pipiza*). Type-locality: "in Lapponia meridionali, ad Lycksele (Lapponia)" [= Lycksele, Västerboten] (Sweden).

- vana* ZETTERSTEDT, 1843: Dipt. Scand., **2**: 835 (*Pipiza*). Type-locality: "in Scania circa Lund; in Paradislyckan" [= environs of Lund] (Sweden).
- plana* RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 181 (*Pipiza*). Type-locality: "in collibus subapenninis ditionis parmensis" [= Parma] (Italy).
- vidua* RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 183 (*Pipiza*). Type-locality: "in colle subapennino ditionis parmensis" [= Parma] (Italy).
- stigmatica* ZETTERSTEDT, 1859: Dipt. Scand., **13**: 6029 (*Pipiza*). Type-locality: "in Scania: ad Stöd haf" (Sweden).
- jablonskii* MIK, 1867: Verh. zool.-bot. Ges. Wien, **17**: 417 (*Pipiza*). Type-locality: "Austria".
- notata** MEIGEN, 1822: Syst. Besch., **3**: 246 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: S, SF, D, PL; USSR: NET, CET, SET, SMA (Ki); Asia: Mongolia.
- calceata* MEIGEN, 1822: Syst. Besch., **3**: 251 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].
- obscura** MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 573 (*Pipiza*). Type-locality: "Sicile" (Italy).—Distr.: Europe: I.
- quadrimaculata** (PANZER, [1804]): Faunae insect. germ., Fasc. **86**: 19 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: N, S, SF, DK, NL, D, PL, CS, B, L, F, CH, H, R, I, YU, BG; USSR: NET, CET, ES, FE; Asia: Mongolia; Nearctic Region.
- quadriguttata* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 178 and Ins. Dipt., **4**: 30 (*Pipiza*). Type-locality: "Normandie" (France).
- bipunctata* STROBL, 1898: Mitt. naturw. Ver. Steierm., **34**: 230 (*Pipiza*, as var. of *quadrimaculata*). Type-locality: "Admont" (Austria).
- immaculata* STROBL, 1898: Mitt. naturw. Ver. Steierm., **34**: 230 (*Pipiza*, as var. of *quadrimaculata*). Type-locality: "bei Admont" (Austria).
- signata** MEIGEN, 1822: Syst. Besch., **3**: 246 (*Pipiza*). Type-locality: not given (Europe).—Distr.: Europe: D, PL, CS, B, F, R, BG; USSR: CET, SET, WS, FE; Asia: Japan (Hokkaido); Oriental Region (Taiwan).
- yezoensis** MATSUMURA, 1916: Ent. Mag., Kyoto, **2**(1): 14, pl. 1, fig. 11 (*Pipiza*). Type-locality: Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).

Pipizella RONDANI, 1856

RONDANI, 1856: Dipt. Ital. Prodromus, **1**: 54.

Type-species: *Mulio virens* FABRICIUS, 1805: Syst. antl.: 186 (orig. des.).

Pizopsis MATSUMURA, 1918: J. Coll. Agric. Hokkaido imp. Univ., **8**(1): 3. Type-species: *Pipiza biglumis* MATSUMURA, 1916: Ent. Mag. Kyoto, **2**(1): 14 (orig. des.).

adentata VILOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 74 (*Pipizella*). Type-locality: Altai, environs of Ust-Koksa.—Distr.: USSR: WS (Altai).

- adpropinquans** BECKER, 1908: Mitt. zool. Mus. Berl., **4**(1): 89 (*Pipizella*). Type-locality: "Teneriffe" [= Tenerife] (Canary Is).—Distr.: Canary Is.
- altaica** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 64 (*Pipizella*). Type-locality: Altai, Lake Teletskoe, village Artybash.—Distr.: USSR: WS (Altai).
- annulata** (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 181 and Ins. Dipt., **4**: 33 (*Pipiza*). Type-locality: "Nord de la France".—Distr.: Europe: N, S, SF, NL, D, DDR, B, F, CH, A, E, YU, H; USSR: SET (Crimea), TC, KZ, WS.
- antennata** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 65 (*Pipizella*). Type-locality: S Primorye, Khasan.—Distr.: USSR: FE (Primorye Territory).
- barkalovi** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 68 (*Pipizella*). Type-locality: S Primorye, Khasan.—Distr.: USSR: FE (Primorye Territory).
- biglumis** (MATSUMURA, 1916): Ent. Mag., Kyoto, **2**(1): 14, pl. 1, fig. 9 (*Pipiza*). Type-localities: "Honshu (Tamba), Kiushu (Moji)" (Japan).—Distr.: Asia: Japan (Honshu, Kyushu).
- brevis** LUCAS, 1976: Publtiës natuurh. Genoot. Limburg, **26**(1–3): 7 (*Pipizella*). Type-locality: "Nuria (Spain, Gerona)".—Distr.: Europe: SF, E; USSR: WS, ES.
- calabra** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., **47**(3–4): 238 (*Heringia*). Type-locality: "Lago Mucone (Calabre)" (Italy).—Distr.: Europe: I.
- caucasica** SKUFJIN, 1976: Ent. Obozr., **55**(4): 932 (*Pipizella*). Type-locality: plateau Lagonaki, North Caucasus.—Distr.: USSR: SET (N Caucasus).
- cauta** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 73 (*Pipizella*). Type-locality: Altai, village Ust'-Koksa.—Distr.: USSR: WS (Altai).
- certa** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 69 (*Pipizella*). Type-locality: Altai, village Kaitanak.—Distr.: USSR: WS (Altai).
- curvitibia** STACKELBERG, 1960: Ent. Obozr., **39**(2): 438 (*Pipizella*). Type-locality: Kyalakhan, Lerik district, Talysh.—Distr.: USSR: TC (Az, Arm).
- dentata** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 74 (*Pipizella*). Type-locality: Altai, village Terekta.—Distr.: USSR: WS (Altai).
- divicoi** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., **47**(3–4): 238 (*Heringia*). Type-locality: "Röschenz (Jura BE)" (Switzerland).—Distr.: Europe: D, DDR, B, CS, F, CH, A, I, YU, GR; USSR: CET, SET, TC, SMA (Ki) WS, ES, FE (Primorye Territory); Asia: Mongolia.
- absurdens** LUCAS, 1976: Publtiës natuurh. Genoot. Limburg, **26**(1–3): 8 (*Pipizella*). Type-locality: "Domica (Czechoslovakia, Slov.)".

- elegantissima** LUCAS, 1976: Publtiës natuurh. Genoot. Limburg, **26**(1-3): 8 (*Pipizella*). Type-locality: "Sila Grande, Fondente (Italy, Calabria)".—Distr.: Europe: I.
- flavescens** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., **47**(3-4): 238 (*Heringia*). Type-locality: "Van-d'en-Haut (VS)" (Switzerland).—Distr.: Europe: CH.
- fumida** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., **47**(3-4): 239 (*Heringia*). Type-locality: "Gavarnie, Hautes Pyrénées" (France).—Distr.: Europe: F.
- inversa** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 67 (*Pipizella*). Type-locality: West Siberia, Novosibirsk region, Kuybyshev district, village Chumakovo.—Distr.: USSR: WS.
- lyneborgi** TORP PEDERSEN, 1971: Steenstrupia, **1**(21): 232 (*Pipizella*). Type-locality: "Granada: Sierra de Contraviesa, Rabite, 1300 m".—Distr.: Europe: E.
- macrobasalis** LUCAS, 1976: Publtiës natuurh. Genoot. Limburg, **26**(1-3): 10 (*Pipizella*). Type-locality: "Ovindoli-Mt. Sirenti (Italy, Abruzzi, prov. Aquila)".—Distr.: Europe: I.
- maculipennis** (MEIGEN, 1822): Syst. Besch., **3**: 254 (*Pipiza*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D], "Österreich" (Austria).—Distr.: Europe: N, GB, NL, D, B, CS, F, CH, A, H, R, E, YU; USSR: CET (La, Li), SET, KZ, WS, FE.
- mesasiatica** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 352 (*Pipizella*). Type-locality: Tajikistan: Hissar mountain ridge, Kondara, Kvak.—Distr.: USSR: SET (Daghestan), TC (Arm, Az), KZ (Borovoe), SMA (Tj); Asia: Afghanistan.
- microapicalis** LUCAS, 1976: Publtiës natuurh. Genoot. Limburg, **26** (1-3): 9 (*Pipizella*). Type-locality: "Bergün (Switzerland, Engadin)".—Distr.: Europe: F, CH, A, E, I.
- mongolorum** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 350 (*Pipizella*). Type-locality: Mongolia: r. Tola.—Distr.: USSR: WS, ES; Asia: Mongolia.
- nigriana** (SÉGUY, 1961): Mém. Mus. natn. Hist. nat., Paris, (A), Zool., **23**: 16 (*Heringia*). Type-locality: "Hautes-Alpes: Lautaret" (France).—Distr.: Europe: F, CH, A.
- nitida** SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., **3**(5-6): 86 (*Pipizella*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).
- opaca** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 76 (*Pipizella*). Type-locality: S. Primorye, environs of Ussuriysk.—Distr.: USSR: FE (Primorye Territory).
- pennina** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., **47**(3-4): 239 (*Heringia*). Type-locality: "Van-d'en-Haut (VS)" (Switzerland).—Distr.: Europe: CH.

- sibirica** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 70 (*Pipizella*). Type-locality: Novosibirsk region, Kuybyshev district, village Chumakovo.—Distr.: USSR: WS.
- siciliana** NIELSEN et TORP PEDERSEN, 1973: Norsk ent. Tidsskr., 20: 297 (*Pipizella*). Type-locality: "Italy, Sicily, Taormina, 225 m a.s.l."—Distr.: Europe: I.
- surstilonga** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 77 (*Pipizella*). Type-locality: S Primorye, environs of Spassk.—Distr.: USSR: FE (Primorye Territory).
- ussuriana** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 72 (*Pipizella*). Type-locality: S Primorye, environs of Ussuriysk.—Distr.: USSR: FE (Primorye Territory).
- varipes** (MEIGEN, 1822): Syst. Besch., 3: 254 (*Pipiza*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: N, S, GB, IRE, DK, NL, D, PL, B, L, F, CH, E, YU, BG; USSR: CET (Est, La, Li), SET, TC, SMA (Ki, Tj), WS, ES; Asia: Mongolia.
- obscuripennis** (MEIGEN, 1835): Faunus (Gistel's), 2: 70 and Syst. Besch., 7, (1838): 119 (*Pipiza*). Type-locality: "Umgegend von München" [= near München].
- tristis** (MEIGEN, 1838): Syst. Besch., 7: 119 (*Pipiza*). Type-localities: "Baiern" [= Bavaria] ("in hiesiger Gegend") (?Stolberg near Aachen) [D].
- virens** (FABRICIUS, 1805): Syst. antl.: 186 (*Mulio*). Type-locality: "Austria".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from Kola peninsula to TC, KZ, SMA (Ki), WS, ES, FE; Asia: North Iran, Mongolia.
- campestris** (FALLÉN, 1817): Syrphici Sveciae: 59 (*Pipiza*). Type-locality: "prope Stenshufvud Scaniae" (Sweden).
- interrupta** (HAUIDAY, 1833): Ent. Mag., 1: 165 (*Pipiza*). Type-locality: "at Tullymore Park" (Great Britain).
- morosa** (LOEW, 1840): Öffentl. Prüf. Schüler K. Friedrich-Wilhelms Gymnasiums zu Posen, 1840: 29 and Isis (Oken's), 1840(VII–VIII): 564 (*Pipiza*). Type-locality: "Posen" [= Poznań] (Poland).
- varians** (RONDANI, 1847): Nuovi Ann. Sci. nat. Ist. Bologna, (2) 8: 343 (*Pipiza*). Type-locality: not given (?Italy).
- sacculata** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 11 (*Pipizella*, as var. of *virens* FABRICIUS). Type-locality: "Zermatt" (Switzerland).
- zeneggenensis** (GOELDLIN DE TIEFENAU, 1974): Mitt. schweiz. ent. Ges., 47(3–4): 239 (*Heringia*). Type-locality: "Zeneggen (VS)" (Switzerland).—Distr.: Europe: D, B, F, CH, E.
- lata** LUCAS, 1976: Publiētis natuurh. Genoot. Limburg, 26(1–3): 9 (*Pipizella*). Type-locality: "Setcasas (Spain, Gerona)".

Doubtful species of *Pipizella*

nigripes (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 182 and Ins. Dipt., **4**: 34 (*Pipiza*).
Type-locality: “Nord de la France”.

Trichopsomyia WILLISTON, 1888

WILLISTON, 1888: Trans. Am. ent. Soc., **15**: 259.

Type-species: *Trichopsomyia polita* WILLISTON, 1888: l.c.: 260 (des. HULL, 1949: Trans. zool. Soc. Lond., **26**(4): 330); not Palaearctic.

Parapenium COLLIN, 1952: J. Soc. Br. Ent., **4**(4): 85. Type-species: *Pipiza carbonaria*: ZETTERSTEDT, 1843: Dipt. Scand., **2**: 836 (orig. des.).

carbonaria (MEIGEN, 1822): Syst. Besch., **3**: 251 (*Pipiza*). Type-locality: not given (Europe).—Distr.: Europe: N, S, NL, PL, CH, CS, R, BG.

flavitarsis (MEIGEN, 1822): Syst. Besch., **3**: 248 (*Pipiza*). Type-locality: not given (“hier nicht sehr selten”) (?Stolberg near Aachen) [D].—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, B, F, CH, A, I, YU, R, BG; USSR: NET, CET, KZ, WS, ES, FE (Primorye Territory).

melancholica (MEIGEN, 1822): Syst. Besch., **3**: 251 (*Pipiza*). Type-locality: not given (Europe).

vitrea (MEIGEN, 1822): Syst. Besch., **3**: 249 (*Pipiza*). Type-locality: not given (“aus hiesiger Gegend”) (?Stolberg near Aachen) [D].

coerulescens (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 180 and Ins. Dipt., **4**: 32 (*Pipiza*). Type-locality: “Normandie” (France).

fulvitarsis (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 182 and Ins. Dipt., **4**: 34 (*Pipiza*). Type-locality: “Nord de la France”.

biguttata (CURTIS, 1837): Brit. Ent., **14**: 669 (*Pipiza*). Type-localities: “at Amblside and Glanville’s Wootton” (Great Britain).

ratzeburgi (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 843 (*Pipiza*). Type-localities: “in Suecia; in Scania ad Björnstorp & Fogelsand prope Lund, & ad Esperod in paroecia Mellby; in Ostrogothia ad Lärketorp” (Sweden).

neuphritica (RONDANI, 1868): Atti Soc. ital. sci. nat., Milano, **11**: 34 (*Pipizella*). Type-locality: “It. Centr.” (Italy).

bipunctata (STROBL, 1880): Progr. k. k. Ober-Gymn. Benedictiner Seitenstetten, **1880**: 60 (*Pipizella*). Type-locality: “Nieder-Österreich” (Austria).

lucida (MEIGEN, 1822): Syst. Besch., **3**: 247 (*Pipiza*). Type-locality: not given (Europe).—Distr.: Europe: NL, B.

ochrozona (STACKELBERG, 1952): Trudy zool. Inst., Leningr., **12**: 352 (*Pipizella*). Type-locality: Tajikistan: Hissar mountain ridge, Kondara (Soviet Middle Asia).—Distr.: USSR: SMA (Ki, Tj).

Triglyphus LOEW, 1840

LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 30 and Isis (Oken's), **1840**(VII–VIII): 565.

Type-species: *Triglyphus primus* LOEW, 1840: l.c.: 30 and 565 (orig. des.).

aureus VILOVITSH, 1980: Izv. sib. Otdel. Akad. Nauk SSR, ser. biol. nauk, **1**: 43 (*Triglyphus*). Type-locality: Southern Primorye, Posyet bay.—Distr.: USSR: FE (Primorye Territory, Kuril Is).

escalerai GIL COLLADO, 1929: Mem. R. Soc. esp. Hist. nat., **12** (Memoria 6a): 404 (*Triglyphus*). Type-locality: "Tánger" [= Tangier] (Morocco).—Distr.: North Africa: Morocco.

primus LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 30 and Isis (Oken's), **1840**(VII–VIII): 565 (*Triglyphus*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: GB, DK, NL, D, PL, CS, B, F, CH, A, H, R, I, YU, BG; USSR: CET, SET (Uk), WS, ES, FE (Khabarovsk and Primorye Territories, Sakhalin); Asia: Korea.

Doubtful genus and species of Pipizini

Stenopipiza MATSUMURA, 1919

MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 140.

Type-species: *Stenopipiza bipunctata* MATSUMURA, 1919: l.c.: 141 (orig. des.).

bipunctata MATSUMURA, 1919: Ent. Mag., Kyoto, **3**(3–4): 141 (*Stenopipiza*). Type-locality: "Hokkaido (Sapporo)".

Tribe Cheilosini

Chamaesyrrhus MIK, 1895

MIK, 1895: Wien. ent. Ztg, **14**: 133.

Type-species: *Rhingia scaevoides* FALLÉN, 1817: Syrphici Sveciae: 35 (orig. des.).

caledonicus COLLIN, 1940: Entomologist's mon. Mag., **76**: 158 (*Chamaesyrrhus*, for *lusitanicus*: SHARP, 1903: Entomologist's mon. Mag., **39**: 197, not MIK, 1898, misidentification). Type-locality: "at Culbin Sandhills, near Forres (Elginshire)" (Great Britain).—Distr.: Europe: GB, NL; USSR: CET (Leningrad region, La).

japonicus SHIRAKI, 1956: Insecta matsum., **20**(1–2): 3 (*Chamaesyrrhus*). Type-locality: "at Suga-Jima, Mie-Prefecture" (Japan).—Distr.: Asia: Japan (Honshu).

- lusitanicus** MIK, 1898: Wien. ent. Ztg, 17(4-5): 143 (*Chamaesyrrhus*). Type-locality: "Lusitania" (Portugal).—Distr.: Europe: SF, DK, NL, D, PL, B, F, P, E; USSR: CET; Canary Is.
- apicalis* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 88 (*Chamaesyrrhus*, as var. of *pruinomaculatus* STROBL). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- autumnalis* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 89 (*Chamaesyrrhus*). Type-locality: "La Palma, en los Lomos de Miraflores" (Canary Is).
- defectus* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 82 (*Chamaesyrrhus*, as var. of *nigricornis* SANTOS ABREU). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- dimidiatus* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 91 (*Chamaesyrrhus*). Type-locality: "La Palma, en el Barranco del Rio" (Canary Is).
- immaculatus* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 85 (*Chamaesyrrhus*, as var. of *nigrifacies* SANTOS ABREU). Type-locality: "Barranco del Rio" (Canary Is).
- intermedius* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 85 (*Chamaesyrrhus*, as var. of *nigrifacies* SANTOS ABREU). Type-locality: "La Palma, en los Lomos de Miraflores" (Canary Is).
- nigricornis* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 79 (*Chamaesyrrhus*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- nigrifacies* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 83 (*Chamaesyrrhus*). Type-localities: "La Palma, en la Dehesa de la Encarnación y en el Barranco del Rio" (Canary Is).
- vexillifer* SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 88 (*Chamaesyrrhus*, as var. of *pruinomaculatum* STROBL). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).
- pruinomaculatus** (STROBL, 1906): Mems R. Soc. esp. Hist. nat., 3: 326 (*Pelecocera*). Type-locality: "Rainen bei Malgrat" (Spain).—Distr.: Europe: E; Canary Is.
- escorialensis* (STROBL, 1909): Verh. zool.-bot. Ges. Wien, 59: 196 (*Pelecocera* (*Chamaesyrrhus*), as var.? of *pruinomaculata* STROBL). Type-locality: "Escorial" (Spain).
- scaevoides** (FALLÉN, 1817): Syrphici Sveciae: 35 (*Rhingia*). Type-locality: "Ostrogothia" (Sweden).—Distr.: Europe: S, SF, GB, D, PL, B, F, CH, I, YU, R, BG; USSR: CET (Leningrad region, La), TC, ES.
- albifrons* (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.F.), 17(1): 55 (*Syrphus*). Type-locality: not given (Württemberg) [D].
- pusillus* (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.F.), 17(1): 55 (*Syrphus*). Type-locality: not given (Württemberg) [D].

- quadricinctus* (RONDANI, 1865): Atti Soc. ital. Sci. nat., Milano, **8**: 135 (*Pelecocera*). Type-locality: "In Alpibus" [= Italian Alps].
- schineri* (RONDANI, 1865): Atti Soc. ital. Sci. nat., Milano, **8**: 135 (*Pelecocera*, for *P. scaevoides*: SCHINER, not FALLÉN). Type-locality: "Im Kienthale bei Mödling" [= near Vienna] (Austria).

Cheilosia MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., **3**: 296.

Type-species: *Eristalis scutellatus* FALLÉN, 1817: Syrphici Sveciae: 55 (des. RONDANI, 1856: Dipt. Ital. Prodrromus, **1**: 51, as *Eristalis scutellatus* FABRICIUS).

Chilosia AGASSIZ, 1846: Nomencl. zool. ind. univ.: 80; unjustified emendation.

Cartosyrphus BIGOT, 1883: Anns Soc. ent. Fr., (6) **3**: 230. Type-species: *Syrphus paganus* MEIGEN, 1822: Syst. Besch., **3**: 292 (des. COQUILLET, 1910: Can. Ent., **42**: 376).

Nephomyia MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 220. Type-species: *Nephomyia bombiformis* MATSUMURA, 1916: l.c.: 220 (orig. des.).

Stenocheilosia MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 242. Type-species: *Stenocheilosia isschikii* MATSUMURA, 1916: l.c.: 241 (orig. des.).

Taeniochilosia OLDENBERG, 1916: Wien. ent. Ztg, **35**(3-4): 101 (as subgenus of *Cheilosia* MEIGEN, 1822). Type-species: *Chilosia atriseta* OLDENBERG, 1916: l.c.: 101 (mon.).

Chaetochilosia ENDERLEIN in Tierwelt Mitteleur., **6**(2), Insekten 3, 1936: 125 (as subgenus of *Cheilosia* MEIGEN, 1822). Type-species: *Eristalis mutabilis* FALLÉN, 1817: Syrphici Sveciae: 54 (orig. des.).

Dasychilosia ENDERLEIN in Tierwelt Mitteleur., **6**(2), Insekten 3, 1936: 125 (as subgenus of *Cheilosia* MEIGEN, 1822). Type-species: *Syrphus variabilis* PANZER, [1798]: Faunae insect. germ., Fasc. **60**: 10 (orig. des.).

Nigrocheilosia SHATALKIN, 1975: Ent. Obozr., **54**(4): 901 (as subgenus of *Cheilosia* MEIGEN, 1822). Type-species: *Eristalis pubera* ZETTERSTEDT, 1838: Insecta Lapp.: 613 (orig. des.).

Neocheilosia BARKALOV, 1983: Diptera (Insecta), their systematics, geographical distribution and ecology, Leningrad: 6. Type-species: *Chilosia scanica* RINGDAHL, 1937: Opusc. ent., **2**(1): 27 (orig. des.). [For discussion of nomenclature problems see WIRTH, et al., 1965: 583.]

abagoensis SKUFJIN, 1979: Trudy vses. ent. Obshch., **61**: 194 (*Cheilosia*). Type-locality: Krasnodar region, Mount Pshekish.—Distr.: USSR: SET.

abbreviata SHIRAKI, 1953: Trans. Shikoku ent. Soc., **3**(5-6): 87 (*Cheilosia*). Type-locality: "Kamikochi, Nagano Pref." (Japan).—Distr.: Asia: Japan (Honshu, Shikoku).

- abdominalis** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 74 (*Cheilosia*). Type-locality: "Hôshi-onsen, Gumma Pref." (Japan).—Distr.: Asia: Japan.
- acutilabris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 491 (*Chilosia*). Type-localities: "Kamtschatka" (USSR), "Oesterreich" (Austria).—Distr.: Europe: B, CS, A; USSR: FE (Kamchatka).
- aestivalis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 472 (*Chilosia*). Type-locality: "Süd-Tirol, vom Rolle-Pass" (Italy).—Distr.: Europe: A, I.
- ahenea** (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.F.), 17(1): 54 (*Syrphus*). Type-locality: not given (Württemberg).—Distr.: Europe: D, CH, R.
- albipes** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 125 (*Cheilosia*). Type-locality: "Hirayama Hill, Minamitama, Tokyo".—Distr.: Asia: Japan (Honshu).
- albipila** MEIGEN, 1838: Syst. Besch., 7: 125 (*Cheilosia*). Type-locality: "Baiern" [= Bavaria].—Distr.: Europe: from N, S, SF, to I, YU, BG; USSR: CET, SET, TC, WS, ES.
- albitarsis** (MEIGEN, 1822): Syst. Besch., 3: 290 (*Syrphus*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: from N, S, SF to I, YU, BG; USSR: NET, CET, SET, TC, WS; North Africa: Tunisia.
- vidua* (MEIGEN, 1822): Syst. Besch., 3: 282 (*Syrphus*). Type-locality: not given ("in hiesiger Gegend") (?Stolberg near Aachen) [D].
- flavimana* MEIGEN, 1838: Syst. Besch., 7: 126 (*Cheilosia*). Type-locality: "Nordfrankreich" (N France).
- innupta* (ZETTERSTEDT, 1843): Dipt. Scand., 2: 802 (*Eristalis*). Type-localities: "in Ostrogothia. . . ; ad Lärketorp & Wadstena" (Sweden).
- albohirta** (HELLÉN, 1930): Notul. ent., 10: 27 (*Chilosia*). Type-locality: "in Dauria (Ostsibirien: Transbaikalien)" (USSR).—Distr.: USSR: ES, FE (Primorye Territory); Asia: Mongolia.
- alpestris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 333 (*Chilosia*). Type-locality: "Schweiz; Andermatt" (Switzerland).—Distr.: Europe: CH.
- alpina** (ZETTERSTEDT, 1838): Insecta Lapp.: 611 (*Eristalis*). Type-localities: "Nordlandiae et Finmarkiae occidentalis. . . ; in alpebus Jockeltind et Scaaddavaara. . . (Lapponia)" (Sweden).—Distr.: Europe: N, S, SF, D; USSR: NET, WS, ES; Asia: Mongolia.
- akela* VILOVITSH, 1973: Trudy Biol. Inst., Sib. Otd. Akad. Nauk SSSR: 145 (*Cheilosia*). Type-locality: Altai, Chikhachev mountain ridge, Pass Buguzunskiy (W Siberia).
- amicorum** VAN DER GOOT, 1964: Zoöl. Med., 39: 425 (*Cheilosia*). Type-locality: "Italia, Sicilia, Monti Nebrodici, Biviere di Cesaro, 1250–1350 m".—Distr.: Europe: I.

- andalusiaca** TORP PEDERSEN, 1971: *Steenstrupia*, **1**(21): 235 (*Cheilosia*). Type-locality: "Granada: Rio Lanjaron, 9 km NW of Orgiva, 1600 m".—Distr.: Europe: E.
- angustigenis** (BECKER, 1894): *Nova Acta Acad. Caesar. Leop. Carol.*, **62**(3): 393 (*Chilosia*). Type-locality: "Lapland" (Finland).—Distr.: Europe: N, SF; USSR: NET, CET, WS, ES, FE.
- angustipennis** (BECKER, 1894): *Nova Acta Acad. Caesar. Leop. Carol.*, **62**(3): 483 (*Chilosia*). Type-localities: "St. Moritz (Schweiz)" (Switzerland) and "Reinerz (Schlesien)" [= Duszniki] (Poland).—Distr.: Europe: PL, CH.
- annulifemur** (STACKELBERG, 1930): *Zool. Anz.*, **90**(3/4): 116 (*Chilosia*). Type-localities: "Ussuri-Gebiet, Station Tigrovaja, Sutshan-Distrikt, Station Okeanskaja bei Wladivostok" (USSR: Far East).—Distr.: USSR: Southern Siberia from Altai to FE (Khabarovsk and Primorye Territories, Kamchatka, Kunashir, Shikotan).
- antennalis** (HERVÉ-BAZIN, 1929): *Encycl. ent. (B II) Dipt.*, **5**(2): 99 (*Chilosia*). Type-locality: "Nankin" (China).—Distr.: Asia: China (Nanking).
- antiqua** (MEIGEN, 1822): *Syst. Besch.*, **3**: 291 (*Syrphus*). Type-locality: not given ("in hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: IRE, GB, DK, NL, D, PL, B, L, F, CH, A, R, E, YU, BG.
sparsa LOEW, 1857: *Verh. zool.-bot. Ver. Wien*, **7**: 604 (*Cheilosia*). Type-localities: "Schlesien, Oesterreich" (Poland, Austria).
- aokii** SHIRAKI, 1953: *Trans. Shikoku ent. Soc.*, **3**(5–6): 91 (*Cheilosia*). Type-locality: "Kamikochi, Nagano Pref."—Distr.: Asia: Japan (Honshu, Shikoku).
- aratica** BARKALOV, 1978: *Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12)*: 182 (*Cheilosia*). Type-locality: Altai, Ustj-Koksa (W Siberia).—Distr.: USSR: WS (Altai).
- argentifrons** (HELLÉN, 1914): *Meddn Soc. Fauna Flora fenn.*, **40**: 62 (*Chilosia*). Type-locality: "N:Pärna" (Finland).—Distr.: Europe: SF, NL, B, YU.
- arkita** ZIMINA, 1970: *Entomologicheskije issledovaniya v Kirghizii*: 46 (*Cheilosia*). Type-locality: Chatkal, Mts Arkit (Kirghizia).—Distr.: USSR: KZ (Aksu-Dzhabagly), SMA (Ki, Tj).
- armeniaca** STACKELBERG, 1960: *Ent. Obozr.*, **39**(2): 439 (*Cheilosia*). Type-locality: east slope of Mount Kapudzhikh, Armenia.—Distr.: USSR: TC (Arm).
- asakawaensis** SHIRAKI, 1968: *Fauna jap. Syrphidae*, **2**: 124 (*Cheilosia*). Type-locality: "Asakawa (Takao...), Tokyo".—Distr.: Asia: Japan (Honshu).
- asiomontana** PECK, 1971: *Ent. Obozr.*, **50**(3): 695 (*Cheilosia*). Type-locality: Kirghizia, Tien Shan, Terskey-Alatau, riverhead Kar-Kara.—Distr.: USSR: SMA (Ki).
- aterrima** (SACK, 1927): *Stettin. ent. Ztg.*, **88**: 305 (*Chilosia*). Type-locality: "aus Toa Tsu Kutsu" (Taiwan).—Distr.: USSR: FE (Kunashir); Asia: Japan; Oriental Region.
- atriseta** (OLDENBERG, 1916): *Wien. ent. Ztg.*, **35**: 101 (*Chilosia (Taeniochilosia)*). Type-locality: "Jungbrunnental bei... Einmündung in das Tschamintal

- (etwa 1400 m hoch in den Tiroler Dolomiten)" (N Italy).—Distr.: Europe: I, YU.
- baldensis** (MARCUSZI, 1941): Studi Trentini sci. nat., **22**(2): 109 (*Chilosia*). Type-locality: "Trentino, M. Baldo, Valle dei Rii" (Italy).—Distr.: Europe: I.
- balu** VIOLOVITSH, 1966: Novye vidy fauny Sibiri i privilegajushchikh regionov, [2]: 54 (*Cheilosia*). Type-locality: Chikhachev mountain ridge, environs of Pass Buguzunskiy (W Siberia).—Distr.: USSR: WS (Altai).
- barbata** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 586 (*Cheilosia*). Type-locality: "Mitteleuropa".—Distr.: Europe: S, SF, GB, NL, D, PL, B, L, F, CH, A, R, E, I, YU, BG.
- barovskii** (STACKELBERG, 1930): Konowia, **9**(3): 223 (*Chilosia*). Type-locality: "Gouv. Petrograd, Nordwest-Russland, Gatshina".—Distr.: USSR: CET (Leningrad and Sverdlovsk regions).
- basalis** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 70 (*Cheilosia*). Type-locality: "Nokogiriyama, Okutama, Tokyo".—Distr.: Asia: Japan.
- beckeri** (STROBL, 1909): Mitt. naturw. Ver. Steierm., **46**: 103 (*Chilosia*). Type-locality: "Hochalpen im Admont" (Austria).—Distr.: Europe: A.
- bergenstammi** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 462 (*Chilosia*). Type-localities: "Deutschland und Oesterreich; auch Scandinavien" (Germany, Austria, Scandinavia).—Distr.: Europe: N, S, IRE, GB, DK, NL, D, PL, B, L, F, A; USSR: NET, CET, TC.
- bigoti** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 498 (*Chilosia*). Type-locality: "Europa".—Distr.: Europe: L, BG.
- bombiformis** (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 220, pl. XVII, fig. 2 (*Nephomyia*). Type-locality: "Honshu (Nikko)".—Distr.: Asia: Japan.
- brachiptera** PALMA, 1863: Annali Accad. Aspir. Natur. Napoli, (3) **3**: 62, pl. VII, fig. 14 (*Cheilosia*). Type-locality: "Napoli" (Italy).—Distr.: Europe: I, YU.
- brachysoma** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 355 (*Cheilosia*). Type-locality: "Austria".—Distr.: Europe: A, YU, R.
- braueri** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 435 (*Chilosia*). Type-locality: "Stilfser Joch" [= Stelvio Pass, on border of Switzerland with Italy].—Distr.: Europe: CH, I.
- brevipennis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 474 (*Chilosia*). Type-locality: "St. Moritz" (Switzerland).—Distr.: Europe: CH.
- brevipila** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 83 (*Cheilosia*). Type-locality: "Mt. Tsurugi, Tokushima Pref."—Distr.: Asia: Japan (Shikoku).
- brunnipennis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 417 (*Chilosia*). Type-locality: "Süd-Europa; Sicilien" (Italy).—Distr.: Europe: CH, I.
- brunnipilosa** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 96 (*Cheilosia*). Type-locality: "Nakayama Pass, Nagano Pref." (Japan).—Distr.: Asia: Japan (Honshu).

- buerschii** (DELKESKAMP, 1942): Mitt. dt. ent. Ges., **11**(1/2): 11 (*Chilosia*). Type-locality: "Bulgarien, Pirin-Gebirge, Potschiven-Dom bei Bansko".—Distr.: Europe: BG.
- caerulescens** (MEIGEN, 1822): Syst. Besch., **3**: 295 (*Syrphus*). Type-locality: "Österreich" (Austria).—Distr.: Europe: D, PL, B, F, CH, A, YU, R.
- chalybeata** (MEIGEN, 1822): Syst. Besch., **3**: 294 (*Syrphus*). Type-locality: "Österreich" (Austria).
- signata** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 351 (*Cheilosia*). Type-locality: "Austria".
- caerulescens calculosa** SKUFJIN, 1977: Novye i maloizvestnye vidy nasekomykh Evropeiskoi chasti SSSR: **57** (*Cheilosia*). Type-locality: Galichya gora (Lipetsk region) (USSR).—Distr.: USSR: CET.
- canicularis** (PANZER, [1801]): Faunae insect. germ., Fasc. **82**: 20 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: DK, NL, D, PL, B, F, CH, A, I, YU, R, BG; USSR: NET (Komi ASSR), TC, WS, ES; Asia: Japan (Hokkaido).
- aurata** (FABRICIUS, 1805): Syst. antl.: 244 (*Eristalis*). Type-locality: "Germania".
- auripila** MEIGEN, 1838: Syst. Besch., **7**: 124 (*Cheilosia*). Type-locality: "Baiern" [= Bavaria] [D].
- nowickii** (LOEW, 1871): Jb. Gelehrten Ges. Krakow, **41**(9): 18 and Rocznik toward. nauk. Krakow., (3) **19**(42): 183 (*Chilosia*). Type-locality: "Galizischen Seite des Tatragebirges" (Poland).
- dilutior** (STROBL, 1897): Verh. Mitt. Ver. Naturw. Hermannstadt, **66**: 41 (*Chilosia*). Type-locality: "Hermannstadt" [= Sibiu] (Roumania).
- innominata** (BECKER in BEZZI and STEIN, 1907): Katalog pal. Dipt., **3**: 24 (*Chilosia*, as var. of *canicularis*). Type-locality: "Alpes".
- montium** (SZILÁDY, 1938): Anns hist.-nat. Mus. natn. hung., **31**: 141 (*Chilosia*, as var. of *canicularis*). Type-localities: "Transsylvanische Hochgebirge" [= Carpatii Meridionali] (Roumania), "Hohe Tatra" [= Vysoke Tatry on border of Czechoslovakia with Poland].
- zonata** (SZILÁDY, 1938): Anns hist.-nat. Mus. natn. hung., **31**: 141 (*Chilosia*, as var. of *canicularis*). Type-localities: "Hohe Tatra, Murau, Loitsch Krain" [= Vysoke Tatry on border of Czechoslovakia with Poland; Austria; Yugoslavia].
- capitata** GOELDLIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., **47**(3-4): 239 (*Cheilosia*). Type-locality: "Van-d'en-Haut" (Switzerland).—Distr.: Europe: CH, I.
- carbonaria** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 353 (*Cheilosia*). Type-locality: "Austria, Alpes".—Distr.: Europe: SF, GB, DK, NL, D, PL, B, F, CH, A, H, R, YU, BG; USSR: NET, CET, WS, ES.
- changaica** PECK in STACKELBERG and PECK, 1979: Folia ent. hung., **32**(1): 142 (*Cheilosia*). Type-locality: "Mongolei, Archangai aimak: Changai

- Gebirge, zwischen Somon Ichtamir und Somon Chuluut, 20 km W von Ichtamir, 2150 m".—Distr.: Asia: Mongolia.
- chipsanii** MATSUMURA, 1911: J. Coll. Sapporo, 4(1): 79 (*Cheilosia*). Type-locality: "Chipsani, Tonnaitcha" [= Sakhalin: Ozerskiy, Lake Tunaicha].—Distr.: USSR: FE (Sakhalin); Asia: Japan (Hokkaido).
- chloris** (MEIGEN, 1822): Syst. Besch., 3: 284 (*Syrphus*). Type-locality: not given ("in hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: N, S, DK, NL, D, PL, CS, B, L, F, CH, R, E, I, YU; USSR: NET, CET, SET, WS.
- limbata* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 204 and Ins. Dipt., 4: 56 (*Cheilosia*). Type-locality: "Nord de la France".
- christophori** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 480 (*Chilosia*). Type-locality: "Sarepta" [= Krasnoarmeysk near Volgograd] (USSR).—Distr.: USSR: SET.
- chrysocoma** (MEIGEN, 1822): Syst. Besch., 3: 280 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].—Distr.: Europe: N, S, SF, IRE, GB, NL, D, B, F, CH, A, I, YU, R; USSR: NET, CET, WS, ES.
- phantoma* (ZETTERSTEDT, 1838): Insecta Lapp.: 611 (*Eristalis*). Type-localities: "in Nordlandiae Norvegicae alpebus... Raschstind et Andeness, ad Ostium Malangerfjord... In alpe Dowre... (Lappon. Norvegica)" (Norway).
- chrysocomoides* (STROBL, 1909): Mitt. naturw. Ver. Steierm., 46: 101 (*Chilosia*). Type-locality: "Enns" (Austria).
- confinis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 465 (*Chilosia*). Type-locality: "Wiener Schneeberg, Süd-Tirol" (Austria).—Distr.: Europe: A.
- conifacies** STACKELBERG, 1963: Beitr. Ent., 13(3/4): 514 (*Cheilosia*). Type-locality: "Klimoutzy, 40 km westlich von der Stadt Swobodny, Amur Gebiet".—Distr.: USSR: FE (Amur region).
- conops** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 385 (*Chilosia*). Type-localities: "Oesterreich; Schlesien; Polen" (Austria, Poland).—Distr.: Europe: D, PL, B, L, CH, A, YU; USSR: SET, TC, WS.
- convexifrons** STACKELBERG, 1963: Stuttg. Beitr. Naturk., No. 113: 4 (*Cheilosia*). Type-locality: "Klimoutzy, Amur-Gebiet, 40 km westlich von der Stadt Swobodny".—Distr.: USSR: ES (Transbaikal), FE (Amur region, Primorye Territory).
- correcta** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 488 (*Chilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: PL, CS, CH, A, E, YU, BG.
- crassiseta** LOEW, 1859: Wien. ent. Mschr., 3: 223 (*Cheilosia*). Type-locality: "in Dalmatien; in den Alpen" [= Dalmatia, Yugoslavia; Alpes].—Distr.: Europe: CH, YU, I.

- meridionalis* VAN DER GOOT, 1969: Ent. Ber., Amst., **29**: 96 (*Cheilosia*, as var. of *crassiseta*). Type-locality: "Italia, Aosta, Picc. San Bernardo, 2100 m".
- cumanica** (SZILÁDY, 1938): Annls hist.-nat. Mus. natn. hung., **31**: 143 (*Chilosia*). Type-locality: "Dobrudscha: Măcin Greci" [= Dobrogea: Măcin Greci] (Roumania).—Distr.: Europe: R.
- curvinervis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 484 (*Chilosia*). Type-locality: "Reinerz (Schlesien)" [= Duszniki] (Poland).—Distr.: Europe: PL.
- curvitiba** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 479 (*Chilosia*). Type-locality: "Schlesien, Reinerz" [= Duszniki] (Poland).—Distr.: Europe: PL.
- cynocephala** LOEW, 1840: Öffentl. Prüf. Schüler K. Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 32 and Isis (Oken's), **1840**(VII-VIII): 569 (*Cheilosia*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: N, S, SF, GB, DK, NL, D, PL, B, F, A, I, YU, R, BG; USSR: NET, CET, SET, WS.
- coracina* (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 805 (*Eristalis*). Type-locality: "in Suecia meridionali; in Scania circa Lund" (Sweden).
- rostrata* (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 805 (*Eristalis*). Type-localities: "in Suecia meridionali; in Scania ad Lund & ad Esperöd in paroeicia Tranas" (Sweden).
- dacica** BRĂDESCU, 1977: Revue Rom. Biol., Sér. Biol. anim., **22**(1): 11 (*Cheilosia*). Type-locality: "Roumanie, Carpates Méridionales, Massif du Retezat, clairière Gemenele (1930–2000 m) de la réserve scientifique Gemenele—Tăul Negru, environ 6 km ESE de Gura Zlata".—Distr.: Europe: R.
- derasa** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 612 (*Cheilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: F, CH, A, YU, R.
- difficilis** (HERVÉ-BAZIN, 1929): Encycl. ent. (B II) Dipt., **5**(2): 97 (*Chilosia*). Type-localities: "la basse vallée du Yang-Tse-Kiang: Chang-Hai, Zi-Ka-Wei, Tchen-Kiang (sur le fleuve Yang-Tse), Ou-Si (ou Wu-Sih, sur le lac Ta-Hou)" (China).—Distr.: Asia: China.
- diminuta** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 311 (*Chilosia*). Type-locality: "Sachalin—Motodomari, Shisuka" [= Sakhalin: Vostochnyi, Poronaysk].—Distr.: USSR: FE (Sakhalin).
- distinguenda** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 101 (*Cheilosia*). Type-locality: "Aoni, Aomori Pref." (Japan).—Distr.: Asia: Japan (Honshu).
- dombressonensis** (BECKER in ROUGEMONT, 1898): Bull. Soc. neuchâtel Sci. nat., **26**: 132, fig. 1, 2 (*Chilosia*). Type-locality: "Dombresson, Helvetia" (Switzerland).—Distr.: Europe: CH.
- drenowskii** (SZILÁDY, 1936): Izv. bulg. ent. Druzh., **9**: 67 (*Chilosia*). Type-locality: "im Alibotuschgebirge, Südbulgarien in einer Höhe von 1500 m" (Bulgaria).—Distr.: Europe: BG.

- edashigei** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 163 (*Cheilosia*). Type-locality: "Sugitate, Matsuyama" (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan.
- elongata** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 146 (*Cheilosia*). Type-locality: "Kamikochi" (Japan).—Distr.: Asia: Japan.
- erythrostroma** RONDANI, 1868: Atti Soc. ital. Sci., Milano, **11**: 29 (*Cheilosia*). Type-locality: "Mont. Tyrolis ital." (Italy).—Distr.: Europe: I.
- eurodes** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 276 (*Chilosia*). Type-locality: "Sachalin—Motodomari, Shisuka" [= Sakhalin: Vostochnyi, Poronaysk].—Distr.: USSR: FE (Sakhalin, Kunashir, ?Kamchatka).
- melancholica* (VIOLOVITSH, 1956): Ent. Obozr., **35**(2): 465 (*Chilosia*). Type-locality: Island Sakhalin: Yuzhno-Sakhalinsk.
- facialis** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 141 (*Cheilosia*). Type-locality: "Tokusawa, near Kamikochi" (Japan).—Distr.: Asia: Japan.
- fasciata** SCHINER et EGGER, 1853: Verh. zool.-bot. Ver. Wien, **3**: 97 (*Cheilosia*). Type-locality: "zwischen Kaltenleutgeben und Sulz" [= near Vienna] (Austria).—Distr.: Europe: NL, D, B, L, F, CH, A, YU, R, BG.
- faucis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 364 (*Chilosia*). Type-localities: "Die Alpen; Tirol: Fedaja-Pass. Schweiz" [= Arabba Pass, Dolomiten Alps] (Italy, Switzerland).—Distr.: Europe: CH, I, YU, R.
- flavipes** (PANZER, [1798]): Faunae insect. germ., Fasc. **54**: 10 (*Syrphus*). Type-locality: "Austria".—Distr.: Europe: N, S, SF, NL, D, PL, CS, B, L, F, CH, A, E, I, YU, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES.
- gilvipes* (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 786 (*Eristalis*). Type-localities: "in Sueciae...; in Smolandia...; in Ostrogothia ad Gusum; in Gottlandia...; in Uplandia ad Holmiam" (Sweden).
- fluvipes** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 244, pl. XVII, fig. 20 (*Cheilosia*). Type-locality: "Honshu (Tokyo, Kyoto)".—Distr.: Asia: Japan (Honshu).
- fraterna** (MEIGEN, 1830): Syst. Besch., **6**: 352 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, CS, B, L, F, A, R, E, I; USSR: NET, CET, SET, TC, WS, ES, FE.
- dimidiata* (ZETTERSTEDT, 1849): Dipt. Scand., **8**: 3168 (*Eristalis*). Type-locality: "in Dania".
- rufitibia* EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 349 (*Cheilosia*). Type-locality: "Austria, Alpes".
- frontalis** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 587 (*Cheilosia*). Type-localities: "Schlesien, Böhmen, Mähren" (Poland, Czechoslovakia).—Distr.: Europe: SF, DK, D, PL, CS, B, F, CH, I, YU, R, BG; USSR: NET, CET.
- erythrocheila* RONDANI, 1868: Atti Soc. ital. Sci. nat., Milano, **11**: 29 (*Cheilosia*). Type-locality: "Liguria" (Italy).

- flaviceps* (SZILÁDY, 1938): Anns hist.-nat. Mus. natn. hung., **31**: 139 (*Chilosia*). Type-locality: "Szászka, Ostungarn" (Roumania).
- fulvitaris* VAN DER GOOT, 1964: Beaufortia, **10**(127): 218 (*Cheilisia*; new name for *Eristalis rufitarsis* ZETTERSTEDT, 1855, a junior secondary homonym of *Cheilisia rufitarsis* MACQUART, 1842).—Distr.: Europe: S.
- rufitarsis* (ZETTERSTEDT, 1855): Dipt. Scand., **12**: 4665 (*Eristalis*). Type-locality: "in Scania meridionali . . . ad Klinta prope Ringsjön" (Sweden).
- fumipennis* (SACK, 1941): Arb. morph. taxon. Ent. Berl., **8**(3): 186 (*Chilosia*). Type-locality: "Sjaolin" (China).—Distr.: Asia (China).
- fuscipennis* SHIRAKI, 1953: Trans. Shikoku ent. Soc., **3**(5-6): 90, pl. 3, fig. 5 (*Cheilisia*). Type-locality: "Nakayama Pass., Tochigi Pref." (Japan).—Distr.: Asia: Japan (Hokkaido, Honshu, Shikoku).
- gagatea* LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 601 (*Cheilisia*). Type-locality: "Steiermark" [= Styria] (Austria).—Distr.: Europe: PL, F, CH, A, R, YU, BG.
- gemina* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 434 (*Chilosia*). Type-locality: "Gardasee" (N Italy).—Distr.: Europe: CH, I, YU.
- gerstaeckeri* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 477 (*Chilosia*). Type-locality: not given.—Distr.: Europe: D, CS, R.
- gibbosa* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 500 (*Chilosia*). Type-locality: not given ("wahrscheinlich aus Posen") [Poznań] (Poland).—Distr.: Europe: ?PL.
- gigantea* (ZETTERSTEDT, 1838): Insecta Lapp.: 612 (*Eristalis*). Type-localities: "in Lapponia; e Tornoa in Nordlandia ad Bjorkvik . . . (Lapponia; e Westrogothia . . .)" (Sweden).—Distr.: Europe: N, S, SF, DK, D, PL, CS, F, CH, R, E, YU, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE.
- olivacea* (ZETTERSTEDT, 1838): Insecta Lapp.: 611 (*Eristalis*). Type-locality: "in Lapponia meridionali . . . (Lapponia)" (N Scandinavia).
- globulipes* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 496 (*Chilosia*). Type-localities: "Schlesien und Böhmen" (Poland and Czechoslovakia).—Distr.: Europe: GB, PL, CS.
- gorodkovi* STACKELBERG, 1963: Beitr. Ent., **13**(3/4): 518 (*Cheilisia*). Type-locality: "Ustj-Kut, Lena Fluss, Irkutsk Gebiet, Ost Sibirien."—Distr.: USSR: WS, ES, FE (Magadan region).
- gracilis* (HELLÉN, 1914): Meddn Soc. Fauna Flora fenn., **40**: 61 (*Chilosia*). Type-localities: "N: H: Fors.. Ta: Kangasala" [= Finland: Helsinki, Kangasala].—Distr.: Europe: SF.
- granulata* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 388 (*Chilosia*). Type-locality: "Deutschland" (Germany).—Distr.: Europe: D, F.
- griseiventris* LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 589 (*Cheilisia*). Type-locality: "Unteritalien, Sicilien" (Sicily, Italy).—Distr.: Europe: I, F, CH.

- grisella** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 350 (*Chilosia*). Type-localities: "Schweiz: St. Moritz, Genf; Oesterreich: Wiener Alpengebiet, Böhmen; Schlesien: Wölfelsfall; also das ganze Alpengebiet und Deutschland" (Switzerland, Austria, Czechoslovakia, Poland, Germany).—Distr.: Europe: D, PL, CS, CH, A, R; USSR: TC.
- grossa** (FALLÉN, 1817): Syrphici Sveciae: 53 (*Eristalis*). Type-locality: "In horto Lundae" [= Lund] (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, B, L, F, CH, CS, R, E, I, YU, BG; USSR: NET, CET, SET, SMA (Ki, Uz), WS; Oriental Region.
- grummi** STACKELBERG, 1963: Stuttg. Beitr. Naturk., No. **113**: 3 (*Cheilosia*). Type-locality: "nördliche Seite des Sinin-Gebirges, China".—Distr.: Asia: China.
- hasegawai** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 85 (*Cheilosia*). Type-locality: "Mt. Ontake, Nagano Pref." (Japan).—Distr.: Asia: Japan (Honshu).
- hattoriae** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 132 (*Cheilosia*). Type-locality: "Mt. Ōtaki, Japan Alps".—Distr.: Asia: Japan.
- heptapotamica** STACKELBERG, 1963: Beitr. Ent., **13**(3/4): 520 (*Cheilosia*). Type-locality: "Kopal, Alma-Ata Gebiet, SO Kazakstan".—Distr.: USSR: KZ, SMA (Ki).
- herculana** BRĂDESCU, 1982: Rev. roum. Biol., Ser. Biol. anim., **27**(1): 11 (*Cheilosia*). Type-locality: "Roumanie, Carpates Méridionales, Monts Mehedinti, Băile Herculane, vallée du ruisseau Feregari".—Distr.: Europe: R.
- hercyniae** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 596 (*Cheilosia*). Type-locality: "Harz, Oesterreich" (Austria).—Distr.: Europe: PL, F, CH, A, I, YU, R.
- hiraii** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 90 (*Cheilosia*). Type-locality: "Itani-chô, Tokushima" (Japan).—Distr.: Asia: Japan (Shikoku).
- hirayamaensis** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 167 (*Cheilosia*). Type-locality: "Hirayama Hill, Minamitama, Tokyo" (Japan).—Distr.: Asia: Japan (Honshu).
- honesta** RONDANI, 1868: Atti Soc. ital. Sci. nat., Milano, **11**: 30 (*Cheilosia*). Type-locality: "Alp. Pedem. (Oropa.)" [= Alps of Piemonte] (Italy).—Distr.: Europe: SF, GB, DK, NL, D, PL, CS, B, L, F, CH, I; USSR: NET, CET, WS; Asia: Mongolia.
- lasiopa* (KOWARZ, 1885): Wien. ent. Ztg, **4**: 204 and 206 (*Chilosia*). Type-localities: "Asch, Marienbad, Prag" [= Czechoslovakia: Aš, Mariánské Lázně, Prague].
- hypena** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 389 (*Chilosia*). Type-locality: "Kasan" [= Kazan] (USSR).—Distr.: Europe: CH; USSR: CET.
- illustrata** (HARRIS, [1780]): Expos. Eng. Ins.: 104 (*Musca*). Type-locality: not given (England).—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: NET, CET, KZ, WS, ES.
- rupestris* (PANZER, [1798]): Faunae insect. germ., Fasc. **59**: 13 (*Syrphus*). Type-locality: "in Silesiae montibus" (Poland).

- illustrata magnifica** (HELLÉN, 1930): Notul. ent., **10**: 29 (*Chilosia*, as species). Type-localities: "Gegenden des Stillen Meeres in Ostsibirien", "Ajan", "Kamtschatka: Ozernaja... und in Bolscherjetsk" (USSR).—Distr.: USSR: FE (?Khabarovsk Territory, Kamchatka).
- illustrata portschinskiana** STACKELBERG, 1960: Ent. Obozr., **39**(2): 441 (*Cheilosia*, as species). Type-locality: Kirovakan, Armenia.—Distr.: Europe: R; USSR: TC (Arm).
- imperfecta** (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 25 (*Chilosia*). Type-locality: "Riviera, S Remo" [= San Remo] (Italy).—Distr.: Europe: I.
- impressa** LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, **1840**: 33 and Isis (Oken's), **1840**(VII–VIII): 570 (*Cheilosia*, for *Syrphus vernalis*: MEIGEN, 1822: Syst. Besch., **3**: 290, not FALLÉN, misidentification). Type-localities: not given ("in hiesiger Gegend") (?Stolberg near Aachen) [D]; "Oesterreich" (Austria).—Distr.: Europe: S, IRE, GB, DK, NL, D, PL, CS, B, L, F, CH, A, R, E, YU, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE.
- geniculata* (STROBL, 1909): Mitt. naturw. Ver. Steierm., **46**: 102 (*Chilosia*, as var. of *impressa*). Type-locality: "bei Steinbrück" [= near Radeče] (Yugoslavia).
- kusunaii* MATSUMURA, 1911: J. Coll. Sapporo, **4**(1): 79 (*Cheilosia*). Type-locality: "Chipsani, Kusunnai" [= Sakhalin: Ozerskiy, Iljinskiy].
- impudens** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 348 (*Chilosia*). Type-localities: ("Schweiz, Genf, St. Moritz") (Switzerland: Geneva, Sankt Moritz) and "Oesterreich" (Austria).—Distr.: Europe: D, PL, CS, CH, A, YU, R; USSR: TC.
- ingrica** STACKELBERG, 1958: Trudy zool. Inst., Leningr., **24**: 198 (*Cheilosia*). Type-locality: Rozhdestveno, Gatchina district, Leningrad region.—Distr.: USSR: CET (Leningrad region, La).
- insignis** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 614 (*Cheilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: D, PL, B, CH, A, R.
- intonsa** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 588 (*Cheilosia*). Type-localities: "von Schweden bis nach Sicilien" [= from Sweden to Sicily].—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, CS, B, F, CH, E, I, YU, R, BG; USSR: NET, CET, SET, TC, WS; North Africa: Morocco.
- isshikii** (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 241, pl. XVII, fig. 18 (*Stenocheilosia*). Type-locality: "Honshu (Odaigahara in Yamato)"—Distr.: Asia: Japan (Honshu).
- iwawakiensis** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 295 (*Chilosia*). Type-locality: "Japan (Kii-Iwawakisan)"—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan.
- japonica** (HERVÉ-BAZIN, 1914): Anns Soc. ent. Fr., **83**: 398 (*Chilosia*). Type-locality: "Tokyo" (Japan).—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Honshu).

- josankeiana** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 306 (*Chilosia*). Type-locality: "Japan—Hokkaido (Josankei)".—Distr.: USSR: FE (Primorye Territory, Sakhalin, Kunashir); Asia: Japan (Hokkaido).
- plumuliseta* (VIOLOVITSH, 1956): Ent. Obozr., **35**(2): 468 (*Chilosia*). Type-locality: Island Kunashir: environs of lake Lagunnoe (USSR).
- kamtschatica** (HELLÉN, 1930): Notul. ent., **10**: 26 (*Chilosia*). Type-locality: "Ozernaja auf Kamtschatka".—Distr.: USSR: FE (Kamchatka, Chukotka).
- kaszabi** PECK in STACKELBERG and PECK, 1979: Folia ent. hung., **32**(1): 144 (*Cheilosia*). Type-locality: "Mongolei, Central aimak: Ulan-Baator, Nucht im Bogdo ul, 1650 m".—Distr.: Asia: Mongolia.
- kerteszi** (SZILÁDY, 1938): Annls hist.-nat. Mus. natn. hung., **31**: 138 (*Chilosia*). Type-localities: "Ostungarn... Szászka und Rév" [=Vad] (Roumania).—Distr.: Europe: R.
- kirgizorum** PECK, 1971: Ent. Obozr., **50**(3): 696 (*Cheilosia*). Type-locality: Kirghizia, Tien Shan, valley of r. Sary-Dzhaz, Muz-Bulak.—Distr.: USSR: SMA (Ki).
- kiritshenkoi** STACKELBERG, 1963: Beitr. Ent., **13**(3/4): 521 (*Cheilosia*). Type-locality: "Pass Shamsi, Alexanderbergkette, Mittelasien" (Kirghizian Mts).—Distr.: USSR: SMA (Ki).
- komabaensis** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 134 (*Cheilosia*). Type-locality: "Komaba, Tokyo" (Japan).—Distr.: Asia: Japan (Honshu).
- kulinensis** (HERVÉ-BAZIN, 1930): Bull. Soc. ent. Fr., **1930**: 47 (*Chilosia*). Type-locality: "Kou-Ling".—Distr.: Asia: China (Kuling).
- kunashirica** (VIOLOVITSH, 1956): Ent. Obozr., **35**(2): 467 (*Chilosia*). Type-locality: environs of Alyokhino (Island Kunashir).—Distr.: USSR: FE (Sakhalin, Kuril Is).
- kuznetzovae** SKUFJIN, 1977: New and little known species of insects of the European part of the USSR, Leningr.: 58 (*Cheilosia*). Type-locality: Galichya gora (Lipetsk region).—Distr.: USSR: CET (Lipetsk region).
- laevis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 361 (*Chilosia*). Type-localities: "Schweiz, St. Moritz, Tirol, Rolle-Pass und Stilsfer Joch" (Switzerland: St. Moritz; Austria; Rolle Pass, Dolomiten Alps, Italy; Stelvio Pass on border Switzerland with Italy).—Distr.: Europe: CH, A, I.
- laeviventris** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 602 (*Cheilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: A, R.
- langhofferi** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 411 (*Chilosia*). Type-localities: "Dalmatien; Oesterreich; Deutschland" (Yugoslavia: Dalmatia; Austria; Germany).—Distr.: Europe: SF, D, PL, CS, B, F, CH, A, YU, R, BG; USSR: NET, CET.
- lanigulosa** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 416 (*Chilosia*). Type-locality: "Schweiz" (Switzerland).—Distr.: Europe: CH.

- lapponica** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 440 (*Chilosia*). Type-localities: "Lappland" (N Scandinavia), "Kopenhagen" (Denmark).—Distr.: Europe: S, DK.
- laskai** SPEIGHT, 1978: Ir. Nat. J., **19**(7): 218 (*Cheilosia*). Type-locality: "R 2892 Nr Killnaboy, Co Clare, Eire, Ireland".—Distr.: Europe: IRE.
- lata** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 297 (*Chilosia*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- latifaciella** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 314 (*Chilosia*). Type-locality: "Japan—Hokkaido (Sapporo, Nopporo)".—Distr.: Asia: Japan (Hokkaido).
- latifacies** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 593 (*Cheilosia*). Type-locality: "Brussa" [= Bursa] (Turkey).—Distr.: Europe: PL, CS, F, CH, E, I, YU, R; USSR: SET, TC, SMA (Ki); Asia: Turkey, Afghanistan; North Africa: Algeria.
- laticornis* RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 160 (*Cheilosia*). Type-locality: "in parmensi apennino" [= region of Parma] (Italy).
- superciliata* RONDANI, 1868: Atti Soc. ital. Sci. nat., Milano, **11**: 30 (*Cheilosia*). Type-locality: "Sicilia" (Italy).
- albibarbis* (BIGOT, 1884): Anns Soc. ent. Fr., (6) **3**: 550 (*Cartosyrphus*). Type-locality: "Asia-Minor (Brusse)" [= Bursa] (Turkey).
- hirtiventris* (BIGOT, 1884): Anns Soc. ent. Fr., (6) **3**: 550 (*Cartosyrphus*). Type-locality: "Asia-Minor (Brusse)" [= Bursa] (Turkey).
- nigrociliata* (STROBL, 1909): Mitt. naturw. Ver. Steierm., **46**: 104 (*Chilosia*, as var. of *latifacies*). Type-locality: "Bei Steinbrück" [= near Radeče] (Yugoslavia).
- lenis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 463 (*Chilosia*). Type-localities: "Deutschland, St. Moritz, Schweiz, also wohl auch das ganze Alpengebiet und Oesterreich" (Germany; Switzerland: St. Moritz; Austria).—Distr.: Europe: NL, D, PL, B, L, F, CH, A.
- lenta** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 478 (*Chilosia*). Type-locality: not given (Europe).—Distr.: Europe: CH.
- limbicornis** (STROBL, 1909): Verh. zool.-bot. Ges. Wien, **59**: 199 (*Chilosia*). Type-locality: "Oberes Genital" (Spain).—Distr.: Europe: E.
- loewi** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 349 (*Chilosia*). Type-localities: "Schlesien, Oesterreich, Schweiz" (Poland, Austria, Switzerland).—Distr.: Europe: PL, CS, CH, A, YU, R.
- lola** ZIMINA, 1970: Entomologicheskije issledovaniya v Kirghizii: **48** (*Cheilosia*). Type-locality: environs of Khorog, Botan. Garden (Pamir).—Distr.: USSR: KZ (Aksu-Dzhabagly), SMA (Ki, Tj).
- longicornis** (MIEHL, 1911): Verh. zool.-bot. Ges. Wien, **61**(7-8): 291 (*Chilosia*). Type-locality: not given (Austria).—Distr.: Europe: A.
- longifila** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 471

- (*Chilosia*). Type-locality: "aus Schlesien, Wölfelsgrund" (Poland).—Distr.: Europe: D, PL.
- longipennis** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 293 (*Chilosia*). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- longiptera** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 103 (*Cheilosia*). Type-locality: "Mt. Tadeshina, Nagano Pref" (Japan).—Distr.: USSR: FE (Kunashir, Shikotan Isl); Asia: Korea, Japan (Honshu).
- longiventris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 482 (*Chilosia*). Type-locality: "Süd-Schweiz" (Switzerland).—Distr.: Europe: CH.
- longula** (ZETTERSTEDT, 1838): Insecta Lapp.: 613 (*Eristalis*). Type-localities: "Lapponia Tornensi et ad Lycksele Lapponiae Umensis (Lapponia)" (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, B, F, CH, I, R; USSR: NET, CET, KZ, WS, ES, FE; Asia: Mongolia.
- albiseta* MEIGEN, 1838: Syst. Besch., 7: 127 (*Cheilosia*). Type-locality: not given ("hiesige Gegend") (?Stolberg near Aachen) [D].
- geniculata* (ZETTERSTEDT, 1855): Dipt. Scand., 12: 4669 (*Eristalis*). Type-locality: "In Scania boreali ad Gualöf" (Sweden).
- plumulifera* LOEW, 1857: Verh. zool.-bot. Ver. Wien, 7: 600 (*Cheilosia*). Type-localities: "Die mitteleuropäischen Gebirge, Sibirien" (USSR).
- lucens** (HERVÉ-BAZIN, 1930): Bull. Soc. ent. Fr., 1930: 44 (*Chilosia*). Type-locality: "à Zi-Ka-wei" (China).—Distr.: Asia: China (Zikawei).
- lupicina** SÉGUY, 1961: Mém. Mus. natn. Hist. nat. Paris, Sér. A, Zool., 23: 43 (*Cheilosia*). Type-locality: "Hautes-Pyrénées, Tarbes" (France).—Distr.: Europe: F.
- lutea** BARKALOV, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 87 (*Cheilosia*). Type-locality: Gydanskiy Peninsula, Nosok (W Siberia).—Distr.: USSR: WS.
- marginata** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 362 (*Chilosia*). Type-localities: "Das Alpengebiet; Tirol: Lusier-Pass" [= Dolomiten Alps, Italy], "Oesterreich: Wiener Schneeberg" (Austria), "Schweiz: Genf" (Switzerland: Geneva).—Distr.: Europe: CH, A, I, R.
- marokkana** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 395 (*Chilosia*). Type-locality: "Marokko" (Morocco).—Distr.: Europe: E, YU; North Africa: Morocco, Algeria.
- matsumurana** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 316 (*Chilosia*). Type-locality: "Japan—Hokkaido (Josankei)".—Distr.: USSR: FE (Primorye Territory, Kunashir, Moneron Is); Asia: Japan (Hokkaido, Honshu).
- luteipes* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 319 (*Chilosia*). Type-locality: "Japan—Honshu (Hakubasan), Hokkaido (Sapporo)".

- melanopa** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 807 (*Eristalis*). Type-locality: "in Norvegia . . . ; ad diversorium Suulstuen Vaerdaliae".—Distr.: Europe: N, S, SF, D, PL, CS, CH, I, R, BG; USSR: NET.
- melanura** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 468 (*Chilosia*). Type-localities: "Schlesien und Galizien" (Poland).—Distr.: Europe: D, PL, CH, I, YU, R, BG; USSR: SET, TC, WS, ES (Pribaikalye).
- metallina** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 398 (*Chilosia*). Type-locality: "Frankreich" (France).—Distr.: Europe: F.
- mixta** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 481 (*Chilosia*). Type-localities: "Partenkirchen und Lermoos in Bayern" [= Bavaria] [D], "Schlesien" (Poland).—Distr.: Europe: D, PL, CS.
- miyatakei** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 136 (*Cheilosia*). Type-locality: "Fukuoji, Hiroshima Pref."—Distr.: Asia: Japan (Honshu).
- moneronica** VILOVITSH, 1971: Novye i maloizvestnye vidy fauny Sibiri, **5**: 109 (*Cheilosia*). Type-locality: Sakhalin region, environs of Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin, Kuril Is).
- montana** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 350 (*Cheilosia*). Type-locality: "Austria, Alpes".—Distr.: Europe: PL, CS, CH, A, I, YU, R, BG; USSR: WS.
- morio** (ZETTERSTEDT, 1838): Insecta Lapp.: 612 (*Eristalis*). Type-locality: "in Lapponia septentrionali . . . ad Juckasjervi Lapponiae Tornensis . . . (Lapponia)" (Sweden).—Distr.: Europe: N, S, SF, D, PL, F, I, R, BG; USSR: NET, CET, WS; Asia: Mongolia.
- luteicornis* (ZETTERSTEDT, 1838): Insecta Lapp.: 612 (*Eristalis*). Type-localities: "in Lapponia; . . . Juckasjervi et . . . ad Pello, Lapponiae Tornensis, ut et ad Lycksele Lapponiae Umensis . . . (Lapp.; Bothia borealis)" (Sweden).
- motodomariensis** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 239, pl. XVII, fig. 17 (*Cheilosia*). Type-locality: "Saghalien (Motodomari)" [= Vostochnyi, Sakhalin].—Distr.: USSR: WS, ES, FE; Asia: Mongolia, Japan (Hokkaido).
- unicolor* (SACK, 1941): Arb. morph. taxon. Ent. Berl., **8**(3): 189 (*Chilosia*). Type-locality: "Gaolinzsy" (NE China).
- subillustrata* STACKELBERG, 1963: Stuttg. Beitr. Naturk., No. **113**: 2 (*Cheilosia*). Type-locality: "Baikit, Podkamennaya Tunguska, Ost-Sibirien" (E Siberia).
- unicolor* SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 94 (*Cheilosia*). A junior primary homonym of *Ch. unicolor* SACK, 1941. Type-locality: "Mt. Tadeshina, Nagano Pref." (Japan: Honshu).
- mutabilis** (FALLÉN, 1817): Syrphici Sveciae: 54 (*Eristalis*). Type-locality: not given (Sweden).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from Arkhangelsk region to TC, WS, ES.
- funeralis* (MEIGEN, 1822): Syst. Besch., **3**: 292 (*Syrphus*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].

- pratensis* (MEIGEN, 1822): Syst. Besch., 3: 293 (*Syrphus*). Type-locality: not given (Europe).
- placida* MEIGEN, 1838: Syst. Besch., 7: 128 (*Cheilosia*). Type-locality: not given ("hiesige Gegend") (?Stolberg near Aachen) [D].
- pygmaea* (ZETTERSTEDT, 1838): Insecta Lapp.: 614 (*Eristalis*). Type-locality: "in alpe Dowre (Lapponia Norvegica)".
- linearis* (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.F.), 17(1): 54 (*Syrphus*). Type-locality: not given (Württemberg) [D].
- glirina* RONDANI, 1857: Dipt. Ital. Prodromus, 2: 155 (*Cheilosia*). Type-locality: "In Etruria" [= Toscana] (Italy).
- pusilla* RONDANI, 1857: Dipt. Ital. Prodromus, 2: 156 (*Cheilosia*). Type-locality: "ditionis Parmensis" [= Parma] (Italy).
- naso** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 476 (*Chilosia*). Type-locality: "Ginzling in Tirol" (Austria).—Distr.: Europe: A.
- nasuta** (ZETTERSTEDT, 1838): Insecta Lapp.: 613 (*Eristalis*). Type-locality: "in Lapponia meridionali, ad Lycksele... (Lappon)" [= Västerbotten] (Sweden).—Distr.: Europe: S.
- nasutula** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 342 (*Chilosia*). Type-localities: "Schlesien: Wölfelsfall" (Poland), "Kärnthen: Admont" [= Carinthia] (Austria).—Distr.: Europe: SF, GB, DK, NL, D, PL, CS, B, L, F, CH, A, R, YU; USSR: NET, CET, WS (W Sayan, Tuva).
- nebulosa** (VERRALL, 1871): Entomologist's mon. Mag., 7: 201 (*Chilosia*). Type-locality: "in Bathurst Wood, near Battle, Sussex" (Great Britain).—Distr.: Europe: IRE, GB, CH, R.
- verralliana* (MIK, 1897): Wien. ent. Ztg, 16(2): 116 (*Chilosia*). Type-locality: not given.
- nigerrima** (LINDNER, 1954): Verh. zool.-bot. Ges. Wien, 94: 44 (*Chilosia*). Type-locality: "Silvretta" (Austria).—Distr.: Europe: A.
- nigra** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 128 (*Cheilosia*). Type-locality: "Hoshionsen, Gumma Pref." (Japan).—Distr.: Asia: Japan.
- nigripes** (MEIGEN, 1822): Syst. Besch., 3: 282 (*Syrphus*). Type-localities: "Österreich" (Austria); "in hiesiger Gegend" (?Stolberg near Aachen) [D].—Distr.: Europe: from N, S, SF to I, YU, BG; USSR: from Leningrad region to TC, WS, ES, FE; Asia: Turkey, Mongolia.
- tropicus* (MEIGEN, 1822): Syst. Besch., 3: 291 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].
- lugubris* (ZETTERSTEDT, 1838): Insecta Lapp.: 614 (*Eristalis*). Type-locality: "in Lapponia meridionali; ... ad Lycksele... (Lappon.)" (Sweden).
- schmidtii* (ZETTERSTEDT, 1843): Dipt. Scand., 2: 813 (*Eristalis*). Type-localities: "in Scandinaviae; in Scania ad Lund, Fogelsang, Esperöd; in Ostrogothia ad Omberg, Larketorp, Wadstena; in Ölandia & Gottlandia; in Wermelandia ad Aras; in Lapponia Norvegica ad Hacksten in insula Schiervoe Nordlandiae, & ad radicem Jockelfjeld Finmarkiae; in

Jemtlandia boreali ad Grimmäs & Fanbyn & ad radicem alpium Areskutan & Mullfjellen; in Norvegia a Thynaes & Naes; in Ostrogothia ad Wadstena & in Scania ad Lindholmen (Sweden, Norway); ad Neuenkirchen in Megalopoli (Mecklenburg Strelitz) (DDR); e Glogavia [= Glogow] (Poland)".

castaneiventris (BIGOT, 1884): Anns Soc. ent. Fr., (6) 3: 551 (*Cartosyrphus*). Type-locality: "Asia-Minor (Brusse)" [= Bursa] (Turkey).

minuta (HELLÉN, 1914): Meddn Soc. Fauna Flora fenn., 40: 58 (*Chilosia*, as var. of *tropica*). Type-locality: "Messuby...; Akkas".

nikkoensis (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 304 (*Chilosia*). Type-locality: "Japan — Honshu (Nikko)".—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Honshu).

nivalis (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 341 (*Chilosia*). Type-locality: "Schneeberg bei Wien" (Austria).—Distr.: Europe: PL, CH, A, R.

nopporoana (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 298 (*Chilosia*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).

nox (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 367 (*Chilosia*). Type-localities: Southern Primorye: Suchan region, station Tigrovaya and Sitsa.—Distr.: USSR: FE (Primorye Territory, Sakhalin); Asia: Mongolia.

tshyl VILOVITSH, 1960: Ent. Obozr., 39(1): 205 (*Cheilosia*). Type-locality: environs of Yuzhno-Sakhalinsk, Susunayskiy mountain ridge.

nuda SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 308 (*Chilosia*, as subsp. of *josankeiana* SHIRAKI). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).

nudifacies (BECKER, 1921): Mitt. zool. Mus. Berl., 10(1): 26 (*Chilosia*, as var. of *illustrata* [HARRIS]). Type-locality: "Alai Gebirge, Süd-Sibirien" [= Alai Mts Soviet Middle Asia, not "Süd-Sibirien"].—Distr.: USSR: SMA (Ki).

nudiseta (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 407 (*Chilosia*). Type-locality: "Insel Askold an der Mündung des Amur" [= Probably Island Askold near Vladivostok, Far East] (USSR).—Distr.: USSR: WS, FE (Khabarovsk and Primorye Territories).

ochripes (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 292 (*Chilosia*). Type-localities: "Japan—Hokkaido (Josankei, Sapporo). Sachalin—Odomari" (Japan: Hokkaido; Sakhalin: Korsakov).—Distr.: USSR: FE (Sakhalin); Asia: Japan (Hokkaido).

ocularis SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 113 (*Cheilosia*). Type-locality: "Sapporo".—Distr.: Asia: Japan (Hokkaido).

okazakii SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 160 (*Cheilosia*). Type-locality: "Hirayama Hill, Minamitama, Tokyo".—Distr.: Asia: Japan (Honshu).

- okunii** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 298 (*Chilosia*). Type-localities: "Japan—Hokkaido (Sapporo, Josankei), Honshu (Kii)".—Distr.: Asia: Japan (Hokkaido, Honshu).
- omissa** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 466 (*Chilosia*). Type-localities: "Wiener Schneeberg, aus Süd-Tirol und aus Schlesien" (Austria, Poland).—Distr.: Europe: NL, PL, A, I, R; USSR: TC.
- omogensis** SHIRAKI, 1953: Trans. Shikoku ent. Soc., 3(5-6): 92, pl. 3, figs 8, 9 (*Cheilasia*). Type-locality: "Omogo Valley, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- opaca** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 312 (*Chilosia*). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- pagana** (MEIGEN, 1822): Syst. Besch., 3: 292 (*Syrphus*). Type-locality: not given ("aus hiesiger Gegend") (? Stolberg near Aachen) [D].—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from Solovets Is to TC, WS, ES, FE; Asia: Mongolia; Nearctic Region.
- atra* GIMMERTHAL, 1842: Bull. Soc. nat. Moscou, 15(3): 670 (*Cheilasia*). Type-locality: "Lief- und Kurlands" [= Estonian and Latvian SSR].
- pulchripes* LOEW, 1857: Verh. zool.-bot. Ver. Wien, 7: 597 (*Cheilasia*). Type-locality: not given ("fast ganz Europa").
- subalpina* RONDANI, 1857: Dipt. Ital. Prodromus, 2: 161 (*Cheilasia*). Type-locality: "Pedemontio" (Italy).
- maculicornis* (BONSDORFF, 1861): Bidr. Finl. Naturk. Entom. Stat, 6: 266 (*Eristalis*). Type-locality: "Kittilä Lappmark" (Finland).
- magnicornis* (BONSDORFF, 1861): Bidr. Finl. Naturk. Entom. Stat, 6: 271 (*Eristalis*). Type-locality: "Tammerfors" [= Tampere] (Finland).
- nigropilosa* (STROBL, 1898): Glasn. zemalj. Mus. Bosni Herceg., 10(2-3): 432 and Wiss. Mitt. Bosn. Herzeg., 7 (1900): 588 (*Chilosia*, as var. of *pulchripes*). Type-locality: "Lašva" (Yugoslavia).
- floccosa* (VERRALL, 1901): British flies, 8: 224 (*Chilosia*, as var. of *Ch. pulchripes*). Type-localities: "Wieken Fen, Sohan, Bur. well, and Tuddenham" (Great Britain).
- pallipes** LOEW, 1863: Berl. ent. Z., 7: 311 (*Cheilasia*). Type-locality: "District Columbia".—Distr.: Europe: SF; USSR: CET, TC, WS, ES, FE; Asia: Mongolia, Japan; Nearctic Region.
- flavissima* (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 371 (*Chilosia*). Type-locality: not given (Europe).
- flavoscutellata* SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 66 (*Cheilasia*). Type-locality: "Shikotsuko, Hokkaido" (Japan).
- parachloris** (HERVÉ-BAZIN, 1929): Encycl. ent. (B II) Dipt., 5(2): 96 (*Chilosia*). Type-localities: "Tchen-Kiang", "Che-Mo et Sia-Shu (Collibus aux environs de Nanking)" [= Cheng Kiang and environs of Nanking] (China).—Distr.: Asia: China.

- paralobi** MALSKI, 1962: Polskie Pismo ent., **32**(6): 81 (*Cheilosia*). Type-locality: "Alger".—Distr.: Europe: E; North Africa: Algeria.
- parvicornis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 340 (*Chilosia*). Type-locality: "Schweiz, Wallis" (Switzerland).—Distr.: Europe: CH.
- pascuorum** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 433 (*Chilosia*). Type-localities: "aus Lappland, Nieder-Oesterreich, Galizien, Kasan, Orsova und Tirol" (N Scandinavia, Austria, Poland, Roumania).—Distr.: Europe: North Scandinavia, PL, A, R, YU; USSR: CET.
- pedemontana** RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 158 (*Cheilosia*). Type-locality: "in Pedemontio" [= Piemonte] (Italy).—Distr.: Europe: F, CH, I, R.
- pedestris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 452 (*Chilosia*). Type-locality: "Visp in der Schweiz" (Switzerland).—Distr.: Europe: CH.
- personata** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 613 (*Cheilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: PL, F, CH, A, I, YU, R.
- pictipennis** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 352 (*Cheilosia*). Type-locality: "Austria Alpes".—Distr.: Europe: D, PL, CH, A, YU, R; USSR: NET, TC, WS, ES.
- innominata* (BECKER in BEZZI and STEIN, 1907): Kat. pal. Dipt., **3**: 36 (*Chilosia*, as var. of *pictipennis*). Type-locality: "Silesia".
- pilifacies** PECK, 1971: Ent. Obozr., **50**(3): 697 (*Cheilosia*). Type-locality: Kirghizia, Tien Shan, Turgen'-Aksu.—Distr.: USSR: SMA (Ki).
- pilifer** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 364 (*Chilosia*). Type-localities: "Tirol" (Austria), "Stilfser Joch" [= Stelvio Pass, on border of Switzerland with Italy].—Distr.: Europe: CH, A, I.
- pilosa** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 115 (*Cheilosia*). Type-locality: "Iitani-cho, Tokushima".—Distr.: Asia: Japan (Shikoku).
- pini** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 450 (*Chilosia*). Type-locality: "Oesterreich: Schneeberg" (Austria).—Distr.: Europe: A.
- planifacies** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 438 (*Chilosia*). Type-locality: "Schlesien" (Poland).—Distr.: Europe: PL, R.
- plumbella** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 475 (*Chilosia*). Type-locality: "St. Moritz" (Switzerland).—Distr.: Europe: CH, R.
- polita** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 501 (*Chilosia*). Type-locality: "Tatragebirge" (Tatra Mts).—Distr.: Europe: ?CS or ?PL.
- pollinata** BARKALOV, 1982: Helminthy, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 65 (*Cheilosia*). Type-locality: Southern Primorye, vicinity of Ussuriysk.—Distr.: USSR: FE.
- pollinifacies** STACKELBERG, 1968: Ent. Obozr., **47**(1): 227 (*Cheilosia*). Type-locality: Lysogorskiy, 20 km SW Shusha, Karabakh.—Distr.: USSR: SET (Teberda), TC (Az).

- pollinosa** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 494 (*Chilosia*). Type-locality: "Askold im Amurgebiete" [= Island Askold near Vladivostok] (USSR).—Distr.: USSR: FE (Primorye Territory).
- posjetica** BARKALOV, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, **15**): 79 (*Cheilosia*). Type-locality: Southern Primorye, Posyet bay.—Distr.: USSR: FE (Primorye Territory).
- praecox** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 801 (*Eristalis*). Type-localities: "in Scania ad Lund & Abusa . . . ; in Ostrogothia ad Håradshammar, ad Lärketorp" (Sweden).—Distr.: Europe: N, S, GB, DK, NL, B, L, D, E, I.
- nevadensis* (STROBL, 1909): Verh. zool.-bot. Ges., **59**: 199 (*Chilosia*, as var. of *praecox*). Type-locality: "Oberes Genital bis in die Hochregion der Sierra Nevada" (Spain).
- primulae** (HERING, 1944): Mitt. dt. ent. Ges., **13**(5–10): 117 (*Chilosia*). Type-locality: "Ebenstein, Hochschwabgruppe" (Austria).—Distr.: Europe: A.
- proxima** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 792 (*Eristalis*). Type-locality: "in Ostrogothia . . . ; ad Håradshammar" (Sweden).—Distr.: Europe: from Scandinavia to I, YU, BG; USSR: from Leningrad region to TC, WS, ES, FE.
- modesta* EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 354 (*Cheilosia*). Type-locality: "Austria".
- fuscicornis* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 137 (*Cheilosia*). Type-localities: "in Apennino et in Alpihus Insubriae" [= Apennines and Italian Alps] (Italy).
- pseudogrossa** STACKELBERG, 1968: Ent. Obozr., **47**(1): 228 (*Cheilosia*). Type-locality: Teberda Reservation on the Northern Caucasus.—Distr.: USSR: SET (Teberda).
- psilophthalma** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 495 (*Chilosia*). Type-locality: "Tatragebirge in Ungarn" [= Tatra Mts].—Distr.: Europe: PL, CS.
- pubera** (ZETTERSTEDT, 1838): Insecta Lapp.: 613 (*Eristalis*). Type-locality: "in Nordlandia Norvegica; ad Bjorkvik juxta Ofotenfjord . . . (Lapponia)".—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: NET, CET.
- punctigenis** (HELLÉN, 1914): Meddn Soc. Fauna Flora fenn., **40**: 63 (*Chilosia*). Type-locality: "Sa: Hirvensalmi" (Finland).—Distr.: Europe: SF.
- recens** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 343 (*Chilosia*). Type-locality: "Admont" (Austria).—Distr.: Europe: A, YU.
- reniformis** (HELLÉN, 1930): Notul. ent., **10**: 28 (*Chilosia*). Type-locality: "bei Jenisseisk" (W Siberia).—Distr.: USSR: WS.
- rhynclops** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 353 (*Cheilosia*). Type-locality: "Austria".—Distr.: Europe: PL, F, CH, A, I, YU, R, BG.
- rodgersi** (WAINWRIGHT, 1911): Entomologist's mon. Mag., **22**: 107 (*Chilosia*). Type-locality: "Biskra-Algeria".—Distr.: North Africa: Algeria.

- rotundicornis** (HELLÉN, 1914): Meddn Soc. Fauna Flora fenn., **40**: 60 (*Chilosia*). Type-localities: "N. Hoplax...; Ka. Viborg. Kl. Hiitola...; Ok. Kajana" (Finland, USSR).—Distr.: Europe: SF, YU; USSR: NET (Vyborg), CET (Leningrad region, La).
- rotundiventris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 459 (*Chilosia*). Type-locality: not given (Europe).—Distr.: Europe: NL, D, PL, B, CH, R; USSR: CET (Leningrad region, Est, La).
- ruficollis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 461 (*Chilosia*). Type-localities: "Salzburg und Wien" (Austria).—Distr.: Europe: NL, D, PL, B, A, YU, R, BG.
- rufimana** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 473 (*Chilosia*). Type-locality: "Schlesien" (Poland).—Distr.: Europe: D, PL, B, CH, R, BG.
- rufipes** (PREYSSLER, 1793): in MAYER'S, Samml. Physik. Aufsätze, Dresden, **3**: 216 (*Syrphus*, as "*ruffipes*"). Type-locality: "Böhmerwald" [= Šumava Mts in SW Bohemia].—Distr.: Europe: S, SF, GB, DK, D, PL, CS, B, L, F, CH, A, E, I, YU; USSR: SET, TC; Asia: Japan (Honshu).
- fulvicornis* (MEIGEN, 1822): Syst. Besch., **3**: 288 (*Syrphus*). Type-locality: "Österreich" (Austria).
- soror* (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 809 (*Eristalis*). Type-locality: "in Gottlandia...; ad Ejsta" (Sweden).
- rufiventris** PECK, 1969: Ent. Obozr., **48**(1): 203 (*Cheilosia*). Type-locality: Kirghizia, valley of r. Thalass). (Uzgarysh, 20 km N of t. Thalass.—Distr.: USSR: SMA (Ki).
- ruralis** (MEIGEN, 1822): Syst. Besch., **3**: 293 (*Syrphus*). Type-locality: not given (Europe).—Distr.: Europe: S, SF, D, PL, CS, B, F, CH, A, E, YU, R, BG; USSR: NET, CET, SET, TC, WS, ES, FE.
- urbana* (MEIGEN, 1822): Syst. Besch., **3**: 287 (*Syrphus*). Type-locality: "Österreich" (Austria).
- rufipes* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 206 and Ins. Dipt., **4**: 58 (*Cheilosia*). Type-locality: "Nord de la France". A junior secondary homonym of *Cheilosia rufipes* (PREYSSLER, 1793).
- tarsata* MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 557 (*Cheilosia*). Type-locality: "Bordeaux" (France).
- glabrata* MEIGEN, 1838: Syst. Besch., **7**: 125 (*Cheilosia*). Type-locality: not given (Europe).
- sachtlebeni** STACKELBERG, 1963: Beitr. Ent., **13**(3/4): 513 (*Cheilosia*). Type-locality: "Simonovo, Amur Gebiet, 75 km von Swobodny".—Distr.: USSR: FE (Amur region, Primorye Territory).
- sahlbergi** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 354 (*Chilosia*). Type-localities: "Bergün, Schweiz, Finnland" (Switzerland, Finland).—Distr.: Europe: N, SF, GB, PL, CS, CH, R, BG; USSR: NET (Kola peninsula), CET (La, Li), TC.

- sapporensis** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 279 (*Chilosia*). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: USSR: WS, ES, FE; Asia: Mongolia, Japan (Hokkaido).
mongolica BAŃKOWSKA, 1968: Bull. Acad. pol. Sci. (Biol.), 16(6): 364 (*Cheilosia*). Type-locality: "Mongolia, Zaisan near Ulan Bator".
- saraensis** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 99 (*Cheilosia*). Type-locality: "Mt. Sara, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).
- sareptana** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 418 (*Chilosia*). Type-locality: "Süd-Russland; Sarepta" [= Krasnoarmeysk, near Volgograd] (USSR).—Distr.: Europe: YU; USSR: SET, TC; Asia: Israel.
- saxifraga** (HERING, 1924): Z. Morph. Ökol. Tiere, 2(1–2): 243 (*Chilosia*). Type-locality: "von Riezlern (Tirol)" (Austria).—Distr.: Europe: A.
- scanica** (RINGDAHL, 1937): Opusc. ent., 2(1): 27 (*Chilosia*). Type-locality: "Söderasen" (Sweden).—Distr.: Europe: S, PL; USSR: NET, CET, WS, ES; Asia: Mongolia.
- schineri** EGGER, 1860: Verh. zool.-bot. Ges. Wien, 10: 357 (*Cheilosia*). Type-locality: "Italia boreal." (N Italy).—Distr.: Europe: I, YU.
- schnabli** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 498 (*Chilosia*). Type-locality: "aus dem Kaukasus, von Lesgia" [= Daghestan] (USSR).—Distr.: Europe: YU; USSR: SET, TC.
nigritarsis (STROBL, 1898): Glasn. zemalj. Mus. Bosni Herceg., 10(2–3): 433 and Wiss. Mitt. Bosn. Herzeg., 7(1900): 588 (*Chilosia*, as forma of *schnabli*). Type-localities: "Derwent" [= Derventa], "Travnik" (Yugoslavia).
- scutellata** (FALLÉN, 1817): Syrphici Sveciae: 55 (*Eristalis*). Type-localities: "Esperöd Scaniae, Årås Wermlandiae" (Sweden).—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: NET, CET, SET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia, Japan.
anthraciformis (MEIGEN, 1822): Syst. Besch., 3: 289 (*Syrphus*). Type-locality: "Österreich" (Austria).
curialis (MEIGEN, 1822): Syst. Besch., 3: 287 (*Syrphus*). Type-locality: "Österreich" (Austria).
scutellaris MATSUMURA, 1911: J. Coll. Sapporo, 4(1): 80 (*Cheilosia*). Type-locality: "Chipsani" [= Sakhalin: Ozerskiy].
- semifasciata** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 443 (*Chilosia*). Type-localities: "Schlesien, am Zobtenberge und in Brechelshof bei Liegnitz" [= near Legnica] (Poland); "aus Melk in Nieder-Oesterreich" (Austria).—Distr.: Europe: N, SF, IRE, GB, NL, D, PL, B, L, F, CH, A, I, R, BG.
alpina (STROBL, 1898): Mitt. naturw. Ver. Steierm., 34: 225 (*Chilosia*, as forma of *semifasciata*). Type-locality: "Natterriegel" (Austria). A junior secondary homonym of *Eristalis alpina* ZETTERSTEDT, 1838.

- shirakii** PECK, 1985: Ent. Obozr., **64**(2): 396 (*Cheilosia*, new name for *Cheilosia nigripes* SHIRAKI, 1968, in *Cheilosia* a junior secondary homonym of *Syrphus nigripes* MEIGEN, 1822).—Distr.: Asia: Japan.
- nigripes* SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 130 (*Cheilosia*). Type-locality: "Kamikochi" (Japan).
- sibirica** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 344 (*Chilosia*). Type-locality: "Sibirien" (USSR).—Distr.: USSR: WS (Sayany, Tuva); Asia: Mongolia.
- sichotana** (STACKELBERG, 1930): Zool. Anz., **90**(3/4): 118 (*Chilosia*). Type-locality: "Ussuri-Gebiet, bei der Station Tigrovaja, im Kreise Sutshan".—Distr.: USSR: WS (Altai), ES (Pribaikalye), FE (Primorye Territory).
- siciliana** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 447 (*Chilosia*). Type-locality: "aus Messina" (Italy).—Distr.: Europe: I.
- signaticornis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 365 (*Chilosia*). Type-locality: "Schweiz" (Switzerland).—Distr.: Europe: CH.
- similis** (MIEHL, 1911): Verh. zool.-bot. Ges. Wien, **61**(7-8): 288 (*Chilosia*). Type-locality: "Schlesien".—Distr.: Europe: PL.
- songarea** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 451 (*Chilosia*). Type-locality: "Lepsa (Songarei)" [= Lepsa, Kazakhstan] (USSR).—Distr.: USSR: KZ, SMA (Ki).
- sootryeni** NIELSEN, 1970: Norsk ent. Tidsskr., **17**(2): 115 (*Cheilosia*). Type-locality: "Paradis, HOy: Fana" ("in the vicinity of Bergen").—Distr.: Europe: N; USSR: NET.
- strandii** (DUDA, 1940): Folia zool. hydrobiol., Riga, **10**(1): 220 (*Chilosia*). Type-locality: "bei Wölfelsgrund (Grafschaft Glatz)" [= near Bystrzyca-Kłodzka] (Poland).—Distr.: Europe: PL.
- strigillata** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 502 (*Chilosia*). Type-locality: "Sarepta" [= Krasnoarmeysk near Volgograd] (USSR).—Distr.: USSR: SET.
- strobli** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 425 (*Chilosia*). Type-locality: "Nieder-Oesterreich (Melk)" (Austria).—Distr.: Europe: A.
- stupida** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 413 (*Chilosia*). Type-locality: "Ungarn" (Hungary).—Distr.: Europe: H.
- subalbipila** (VIOLOVITSH, 1956): Ent. Obozr., **35**(2): 466 (*Chilosia*). Type-locality: environs of Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin).
- subarctica** HELLÉN, 1955: Notul. ent., **35**: 59 (*Cheilosia*, new name for *Ch. borealis* HELLÉN, 1949, a junior primary homonym of *Chilosia borealis* COQUILLET, 1900).—Distr.: Europe: SF.
- borealis* (HELLÉN, 1949): Notul. ent., **29**: 90 (*Chilosia*). Type-locality: "Paanajärvi (Ks)" (Finland).

- submodesta** (BECKER, 1922): Mitt. zool. Mus. Berl., **10**(2): 352 (*Chilosia*, new name for *Chilosia modesta* BECKER, 1921, a junior secondary homonym of *Cheilosia modesta* EGGER, 1860).—Distr.: Europe: YU.
- modesta* (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 24 (*Chilosia*). Type-locality: "Ungarn, Vlasic" [= Vlašic] (Yugoslavia).
- magyarensis* VAN DER GOOT, 1964: Beaufortia, **10**(127): 218 (*Cheilosia*, new name for *Chilosia modesta* BECKER, 1921).
- sulcifrons** KAPLAN in KAPLAN and THOMPSON, 1981: Proc. ent. Soc. Wash., **83**(2): 203 (*Cheilosia*). Type-locality: "Israel, Merom Golan".—Distr.: Asia: Israel, Turkey.
- superba** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 399 (*Chilosia*). Type-locality: "Amur" (USSR).—Distr.: USSR: FE.
- testaceicornis** RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 154 (*Cheilosia*). Type-locality: "in Liguria" (Italy).—Distr.: Europe: I.
- thalassica** PECK, 1971: Ent. Obozr., **50**(3): 697 (*Cheilosia*). Type-locality: Kirghizia, Thalassian mountain ridge, pass Kara-Bura.—Distr.: USSR: SMA (Ki).
- thalhammeri** (SZILÁDY, 1938): Anns hist.-nat. Mus. natn. hung., **31**: 142 (*Chilosia*). Type-localities: "Kőrösmező und Tátraszéplak (Ost- und Nordkarpaten)".—Distr.: Europe: CS; USSR: SET (Carpatians).
- tibetana** STACKELBERG, 1963: Beitr. Ent., **13**(3/4): 516 (*Cheilosia*). Type-locality: "Tal des Flusses Dzhagyn-Gol, Ost Tibet, China".—Distr.: Asia: China (Tibet).
- tokushimaensis** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 121 (*Cheilosia*). Type-locality: "Mt. Tsurugi, Tokushima Pref." (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Shikoku).
- toniuci** BRĂDESCU, 1977: Revue roum. Biol., Sér. Biol. anim., **22**(1): 13 (*Cheilosia*). Type-locality: "Roumanie, Carpates Méridionales, Massif du Retezat, clairière Rotunda (1100 m), vallée de la rivière Lăpușnicul Mare, environ 6 km ESE de Gura Apei ou du confluent du Lăpușnicul Mic (Branul) avec Lăpușnicul Mare."—Distr.: Europe: R.
- tonsa** (SACK, 1938): Mitt. schweiz. ent. Ges., **17**(6): 221 (*Chilosia*). Type-locality: "Piz Lischanna, SO-Grat, 3000–3500 m" (Switzerland).—Distr.: Europe: CH.
- transcaucasica** STACKELBERG, 1960: Ent. Obozr., **39**(2): 440 (*Cheilosia*). Type-locality: Armenia: Sisian near waterfall Shaki.—Distr.: USSR: TC (Arm, Az).
- trisulcata** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 426 (*Chilosia*). Type-locality: "Schweiz" (Switzerland).—Distr.: Europe: L, CH, YU.
- tumidilabris** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 426 (*Chilosia*). Type-locality: "Amur" (USSR).—Distr.: USSR: FE (Amur).
- tupro** (SPEISER, 1924): Wien. ent. Ztg, **41**(1–3): 42 (*Chilosia*). Type-locality: "Matsue, Japan".—Distr.: Asia: Japan (Honshu).

- tyrolica** (SZILÁDY, 1938): Annl. hist.-nat. Mus. natn. hung., **31**: 140 (*Chilosia*). Type-localities: "Stilfser-Joch, Tyrol" [= Stelvio Pass on border Switzerland with Italy]; "Aarlberg" (Austria).—Distr.: Europe: CH, A, I.
- umbrisquama** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 453 (*Chilosia*). Type-locality: "Saloniki" (Greece).—Distr.: Europe: I, GR.
- uniformis** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 499 (*Chilosia*). Type-locality: not given (Europe).—Distr.: Europe.
- urakawensis** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 287 (*Chilosia*). Type-localities: "Japan—Hokkaido (Urakawa, Josankei, Sapporo)", "Sachalin—Motodomari" [= Sakhalin: Vostochnyi].—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan (Hokkaido).
- ussuriana** BARKALOV, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, **14**): 132 (*Cheilosia*). Type-locality: Southern Primorye, Posyet bay.—Distr.: USSR: FE (Primorye Territory).
- vangaveri** (TIMON-DAVID, 1937): Annl. Fac. Sci. Marseille, (2) **10**: 45 (*Chilosia*). Type-locality: "massif du Mont-Blanc, au jardin de Talèfre (alt. 2800 environ)" (France).—Distr.: Europe: F.
- variabilis** (PANZER, [1798]): Faunae insect. germ., Fasc. **60**: 10 (*Syrphus*). Type-locality: "Austria".—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: NET, CET, SET, SMA (Ki), WS.
- atra* (FABRICIUS, 1805): Syst. antl.: 246 (*Eristalis*). Type-locality: "Dania".
- nigrita* (FABRICIUS, 1805): Syst. antl.: 244 (*Eristalis*). Type-locality: "Kiliae" [= Kiel] [D].
- nigrina* (MEIGEN, 1822): Syst. Besch., **3**: 282 (*Syrphus*). Type-locality: not given (?Stolberg near Aachen) [D].
- varians** (BECKER, 1889): Berl. ent. Z., **33**(1): 182 and Nova Acta Acad. Caesar. Leop. Carol., **62**(3): 329 (*Chilosia*). Type-locality: "St. Moritz" (Switzerland).—Distr.: Europe: CH.
- velutina** LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms Gymnasiums zu Posen, **1840**: 33 and Isis (Oken's), **1840**(VII–VIII): 570 (*Cheilosia*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: S, SF, IRE, GB, DK, NL, D, PL, B, F, A, E, R, BG; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE.
- decidua* EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 356 (*Cheilosia*). Type-locality: "Austria".
- venosa** LOEW, 1857: Verh. zool.-bot. Ver. Wien, **7**: 603 (*Cheilosia*). Type-locality: "Oesterreich" (Austria).—Distr.: Europe: A, R.
- verae** STACKELBERG, 1968: Ent. Obozr., **47**(1): 229 (*Cheilosia*). Type-locality: Goris, valley of r. Goris (Armenian SSR).—Distr.: USSR: SET (Teberda), TC (Arm).

- vernalis** (FALLÉN, 1817): *Syrphici Sveciae*: 55 (*Eristalis*). Type-locality: "Scania" [= prov. Skåne] (Sweden).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from Estonia and Leningrad region to TC, WS, ES, FE.
- pallidicornis** (MEIGEN, 1822): Syst. Besch., 3: 294 (*Syrphus*). Type-locality: not given (Europe).
- luctuosa** MEIGEN, 1838: Syst. Besch., 7: 125 (*Cheilosia*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].
- nitida** MEIGEN, 1838: Syst. Besch., 7: 126 (*Cheilosia*). Type-locality: "Lüttich" [= Liège] (Belgium).
- obscura** LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 33 and Isis (Oken's), 1840(VII–VIII): 570 (*Cheilosia*). Type-locality: "Posen" [= Poznań] (Poland).
- aerea** DUFOUR, 1848: Anns Sci. nat., Zool., (3) 9: 209 (*Cheilosia*). Type-locality: "Gallia meridionali occidentali (Saint-Sever)" (France).
- minuta** (SZILÁDY, 1938): Anns hist.-nat. Mus. natn. hung., 31: 143 (*Chilosia*). Type-locality: "Irkutsk, Sibirien". A questionable synonymy.
- versicolor** CURRAN, 1929: Ann. ent. Soc. Am., 22(3): 496 (*Cheilosia*). Type-locality: "Szechuan".—Distr.: Asia: China (Szechuan).
- vicina** (ZETTERSTEDT, 1849): Dipt. Scand., 8: 3175 (*Eristalis*). Type-localities: "ad Abusa et Röstanga Scaniae, ad Skärsjö Smolandiae, ut et in Dania ad Hafniam" (Sweden, Denmark).—Distr.: Europe: N, S, SF, DK, PL, F, CH; USSR: NET (Kola peninsula, Polar Ural), WS.
- victoria** (HERVÉ-BAZIN, 1930): Bull. Soc. ent. Fr., 1930: 44 (*Chilosia*). Type-locality: "à Kou-Ling".—Distr.: Asia: China (Kuling).
- violaceozonata** PALMA, 1863: Ann. Accad. Aspir. Natur. Napoli, (3) 3: 61, pl. VII, fig. 13 (*Cheilosia*). Type-locality: "Sanseverino" [= near Naples], (Italy).—Distr.: Europe: I.
- violovitshi** BARKALOV, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 89 (*Cheilosia*). Type-locality: Issue of the r. Jenisey, Nosok.—Distr.: USSR: WS.
- vtorovi** PECK, 1969: Ent. Obozr., 48(1): 204 (*Cheilosia*). Type-locality: Kirghizia, Tien Shan, Ak-Shiyrak Mts, Pokrovskie syrty.—Distr.: USSR: SMA (Ki).
- vulpina** (MEIGEN, 1822): Syst. Besch., 3: 292 (*Syrphus*). Type-locality: "England" (Great Britain).—Distr.: Europe: GB, DK, D, PL, CS, B, L, F, E, YU, R, BG; USSR: CET, SET.
- pigra** LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 33 and Isis (Oken's), 1840(VII–VIII): 571 (*Cheilosia*). Type-locality: "Posen" [= Poznań] (Poland).
- yanoi** SHIRAKI, 1953: Trans. Shikoku ent. Soc., 3(5–6): 88, pl. 3, figs 2–3 (*Cheilosia*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).

- yesonica** MATSUMURA, 1905: Thousand Ins. Japan, Add. 2: 95, pl. XXVI, fig. 1 (*Cheilosia*). Type-locality: "Hokkaido" (Japan).—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Hokkaido).
- zetterstedti** (BECKER, 1894): Nova Acta Acad. Caesar. Leop. Carol., 62(3): 430 (*Chilosia*). Type-localities: "Nord- und Mittel-Europa".—Distr.: Europe: D, PL, CS, F, CH, E, YU, R, BG; USSR: SET, TC.
- zinovievi** STACKELBERG, 1963: Beitr. Ent., 13(3/4): 517 (*Cheilosia*). Type-locality: "Klimoutzy, Amur Gebiet, 40 km westlich von der Stadt Swobodny".—Distr.: USSR: FE.
- zlotini** PECK, 1969: Ent. Obozr., 48(1): 205 (*Cheilosia*). Type-locality: Kirghizia, Tien Shan, Ak-Shiyrak Mts, Pokrovskie syrty.—Distr.: USSR: SMA (Ki).
- zmlampis** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 82 (*Cheilosia*). Type-locality: Altai, Karasuk.—Distr.: USSR: WS (Altai), ES (Transbaikal, Yakutia).

Doubtful species of *Cheilosia*

- albiseta* RONDANI, 1865: Atti Soc. Ital. sci. nat., Milano, 8: 136 (*Cheilosia*). Type-locality: "in Alpibus Insubriae" [= Italian Alps]. A junior primary homonym of *Cheilosia albiseta* MEIGEN, 1838.
- albicheta* RONDANI, 1868: Atti Soc. Ital. sci. nat., Milano, 11: 31 (*Cheilosia*, as new name for *albiseta* RONDANI, 1865).
- bardus* (HARRIS, [1780]): Expos. Eng. Ins.: 106 (*Musca*). Type-locality: not given (England).
- corydon* (HARRIS, [1780]): Expos. Eng. Ins.: 106 (*Musca*). Type-locality: not given (England).
- flavicornis* (FABRICIUS, 1781): Species insect., 2: 431 (*Syrphus*). Type-locality: "Germania".
- funebri* (HARRIS, [1780]): Expos. Eng. Ins.: 106 (*Musca*). Type-locality: not given (England).
- geniculata* (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.S.), 17(1): 54 (*Syrphus*). Type-locality: not given (Württemberg).
- himantopus* (PANZER, [1798]): Faunae insect. germ., Fasc. 54: 9 (*Syrphus*). Type-locality: "Austria".
- latifrons* (ZETTERSTEDT, 1843): Dipt. Scand., 2: 811 (*Eristalis*). Type-localities: "in Suecia media & boreali. . .; in Jemtlandia ad diversorium Skaltugan" (Sweden).
- means* (FABRICIUS, 1798): Suppl. entom.: 562 (*Syrphus*) and Syst. antl.: 1805: 192 (*Milesia*). Type-locality: "Italia".
- nigricornis* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827-1828: 203 and Ins. Dipt., 4: 55 (*Cheilosia*). Type-locality: "Nord de la France".
- tarditus* (HARRIS, [1780]): Expos. Eng. Ins.: 106 (*Musca*). Type-locality: not given (England).
- vulnerata* (PANZER, [1798]): Faunae insect. germ., Fasc. 60: 9 (*Syrphus*). Type-locality: "Austria".

Endoiasimyia BIGOT, 1882

BIGOT, 1882: Bull. Soc. ent. Fr., (6) 2, Bull.: CXXXVI.

Type-species: *Endoiasimyia indiana* BIGOT, 1882: l.c.: CXXXVI (mon.); not Palaearctic.

Sonanomyia SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 320. Type-species: *Sonanomyia formosana* SHIRAKI, 1930: l.c.: 321 (orig. des.).

- formosana** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 321 (*Sonanomyia*). Type-locality: "Formosa- Asahi, Tenchosan, Arisan, Shu-Shu".—Distr.: USSR: FE (Sakhalin, Kuril Is); Oriental Region (Taiwan).
- iidai** SHIRAKI, 1950: Icon. Ins. Jap. Ed. 2: 1613, fig. 4637 and Mushi, **23**(1), 1952: 1, fig. 1 (*Endoiasimyia*). Type-locality: "Mount Takao, near Tokyo" (Japan).—Distr.: Asia: Japan (Honshu).
- plumicornis** (SACK, 1941): Arb. morph. taxon. Ent. Berl., **8**(3): 188 (*Chilosia*). Type-locality: "Erzendjanzsy" (NE China).—Distr.: Asia: China.

Ferdinandea RONDANI, 1844

- RONDANI, 1844: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 196.
Type-species: *Conops cuprea* SCOPOLI, 1763: Entom. carniolica: 355 (des. RONDANI, 1856: Dipt. Ital. Prodromus, **1**: 51).
- Chrysoclamys* WALKER, 1851: Insecta Br., **1**: 279; unjustified new name for *Ferdinandea* RONDANI. Type-species: *Conops cuprea* SCOPOLI, 1763: Entom. carniolica: 355 (aut.).
- Chrysoclamis*: RONDANI, 1856: Dipt. Ital. Prodromus, **1**: 51; error.
- Chrysochlamys*: RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 145; error.
- Chrysochlamis*: SCHINER, 1857: Verh. zool.-bot. Ges. Wien, **7**: 431; error.
- aurea** RONDANI, 1844: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 198 (*Ferdinandea*). Type-locality: "in Italiae centralis collibus sub-apenninis" (Italy).—Distr.: Europe: F, E, I, YU, R, BG; USSR: TC.
- nigricornis** (RONDANI, 1844): Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 198 (*Cheilosia*); nomen nudum, published in synonymy with *Ferdinandea aurea* RONDANI, 1844.
- cuprea** (SCOPOLI, 1763): Entom. carniolica: 355 (*Conops*). Type-locality: "Carniolia" [= Carinthia] (NE Yugoslavia).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, D, PL, CS, B, L, F, CH, H, E, I, YU, R, BG; USSR: NET, CET, SET, TC, WS, FE (Primorye Territory); Asia: Japan (Hokkaido, Honshu).
- rutilo** (HARRIS, [1780]): Expos. Eng. Ins.: 80, pl. XXIV, fig. 21 (*Musca*). Type-locality: not given (England).
- nitens** (VILLERS, 1789): Caroli Linnaei entom., **3**: 549 (*Musca*). Type-locality: "Gallia Australiore" (France).
- testacicornis** RONDANI, 1844: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 201 (*Ferdinandea*); nomen nudum, published in synonymy with *Ferdinandea cuprea* (SCOPOLI, 1763).
- suzukii** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 224, pl. XVII, fig. 5 (*Ferdinandea*). Type-locality: "Honshu (Kyoto)".

- nigrifons** (EGGER, 1860): Verh. zool.-bot. Ges. Wien, **10**: 664 (*Chrysochlamys*). Type-locality: "Austria, . . . Wiener Gegend".—Distr.: Europe: NL, PL, CS, B, F, CH, A, YU, R.
- ruficornis** (FABRICIUS, 1775): Syst. entom.: 769 (*Syrphus*). Type-locality: "Dania".—Distr.: Europe: GB, DK, NL, D, PL, CS, B, F, I, YU, R; USSR: from Leningrad region to TC, SMA (Uz), WS, ES, FE (Khabarovsk and Primorye Territories); Asia: N China.
- sziladyi** DRENSKY, 1934: Mitt. bulg. ent. Ges., **8**: 128 and 131 (*Ferdinanda*). Type-localities: "In Bulgarien bei Burgas und Sliven, auch bei Nagymaros in Ungarn".—Distr.: Europe: H, BG.

Ischyroptera POKORNY, 1887

- POKORNY, 1887: Verh. zool.-bot. Ges. Wien, **37**: 397.
Type-species: *Ischyroptera bipilosa* POKORNY, 1887: l.c.: 399 (mon.).
- bipilosa** POKORNY, 1887: Verh. zool.-bot. Ges. Wien, **37**: 399 (*Ischyroptera*). Type-locality: "Stilfserjoch in einer Höhe von circa 2500 m" [= near Stelvio Pass, on borders of Switzerland with Northern Italy].—Distr.: Europe: F, CH, I.

Macropelecocera STACKELBERG, 1952

- STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 372.
Type-species: *Macropelecocera paradoxa* STACKELBERG, 1952: l.c.: 373 (orig. des.).
- paradoxa** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 373 (*Macropelecocera*). Type-locality: Alai mountain ridge, Irkeshtam.—Distr.: USSR: SMA (Ki, Tj); Asia: China (Sinkiang).

Pelecocera MEIGEN, 1822

- MEIGEN, 1822: Syst. Besch., **3**: 340.
Type-species: *Pelecocera tricineta* MEIGEN, 1822, l.c.: 340 (mon.).
- latifrons** LOEW, 1856: Programm K. Realschule zu Meseritz, **1856**: 46 (*Pelecocera*). Type-locality: "Beirut" (Lebanon).—Distr.: Europe: D, CS, F, H, R, YU; USSR: SET (Uk, Lower Volga); Asia: Lebanon.
- rectinervis** KERTÉSZ, 1896: Természetr. Füzet., **19**: 26, figs 2, 4, 6 (*Pelecocera*). Type-locality: "Hungaria centrali in montibus ad Budam sitis (Svábhegy)" (Hungary).

- conjungens* ENDERLEIN, 1937: Märk. Tierwelt, **2**(4): 276 (*Pelecocera*). Type-locality: "Klein-Machnow bei Berlin".
- sareptana* ENDERLEIN, 1938: Sber. Ges. naturf. Freunde Berl., **1937**(4-7): 192 (*Pelecocera*). Type-locality: "Süd-Russland (Sarepta)" [= Krasnoarmeysk near Volgograd] (USSR).
- annulipes* (LINDNER, 1941): Mitt. dt. ent. Ges., **10**: 109 (*Ischyroptera*). Type-locality: "Sarepta" [= Krasnoarmeysk near Volgograd] (USSR).
- lugubris* PERRIS, 1839: Anns Soc. ent. Fr., **8**: 52 (*Pelecocera*). Type-locality: "circa Mont-de-Marsan (Landes)" (France).—Distr.: Europe: F, YU.
- tricincta* MEIGEN, 1822: Syst. Besch., **3**: 340 (*Pelecocera*). Type-localities: "bei Niesky in der Lausitz"; "Halle in Sachsen" [DDR].—Distr.: Europe: N, S, SF, GB, DK, NL, D, DDR, PL, B, F, P, I, YU, R, BG; USSR: CET, TC, KZ, ES.
- flavicornis* WIEDEMANN in MEIGEN, 1822: Syst. Besch., **3**: 341 (*Pelecocera*). Type-locality: not given (Europe).

Portevinia GOFFE, 1944

- GOFFE, 1944: Entomologist's mon. Mag., **80**: 244 (as new name for *Cartosyrphus*: PORTEVIN, 1927: Encycl. ent. (B II) Dipt., **4**(1): 29; not BIGOT, 1883).
Type-species: *Eristalis maculatus* FALLÉN, 1817: Syrphici Sveciae: 52 (orig. des.).
- altaica* (STACKELBERG, 1926): Annu. Mus. zool. Acad. Sci. USSR, **1926**(1925)(1/2): 87 (*Chilosia*). Type-locality: "Sibiria occ., gub. Tomsk merid., ad montem Dzhezen prope flumina Abakan Majus et Abakan Minus confluentia" (USSR: E Siberia).—Distr.: USSR: WS (Altai, Tuva), ES; Asia: Mongolia.
- dispar* (HERVÉ-BAZIN, 1929): Encycl. ent. (B II) Dipt., **5**(2): 93 (*Chilosia*). Type-localities: "proviennent de Chang-Hai", "Environs immédiats de Chang-Hai, Zi-Ka-Wei", "Tchen-Kiang", "la basse vallée du Yang-Tse-Kiang" (China).—Distr.: USSR: FE (Primorye Territory); Asia: China.
- lunulifera* (STACKELBERG, 1930): Zool. Anz., **90**(3/4): 113 (*Chilosia*). Type-locality: "Ussuri-Gebiet bei der Station Tigrovaja, Sutshan-Distrikt" (USSR: Far East).
- maculata* (FALLÉN, 1817): Syrphici Sveciae: 52 (*Eristalis*). Type-locality: "in Esperôd Scaniae. . . ; in Abusa" (Sweden).—Distr.: Europe: S, IRE, GB, DK, NL, D, B, F, CH, R.

Psarochilosia STACKELBERG, 1952

STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 371.

Type-species: *Psarochilosia djakonovi* STACKELBERG, 1952: l.c.: 372 (orig. des.).

djakonovi STACKELBERG, 1952: Trudy zool. Inst., Lenigr., **12**: 372 (*Psarochilosia*).

Type-locality: Southern Primorye: Jakovlevka, Spassk district.—Distr.: USSR: FE (Khabarovsk and Primorye Territories).

Rhingia SCOPOLI, 1763

SCOPOLI, 1763: Entom. carniolica: 358.

Type-species: *Conops rostrata* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 604 (mon.).

austriaca MEIGEN, 1830: Syst. Besch., **6**: 351 (*Rhingia*). Type-locality: "Österreich" (Austria).—Distr.: Europe: S, SF, D, PL, A, YU; USSR: CET, SET, WS (Altai, Sayan, Tuva); Asia: Mongolia.

borealis RINGDAHL, 1928: Ent. Tidskr., **49**: 18 (*Rhingia*). Type-locality: "in den Gebirgswäldern des wesentlichen Jämtlands" (Sweden).

campestris MEIGEN, 1822: Syst. Besch., **3**: 259 (*Rhingia*). Type-locality: "Im Herzogthume Berg" [D].—Distr.: Europe: N, SF, IRE, GB, DK, NL, D, PL, CS, B, L, F, CH, I, YU, R; USSR: NET, CET, SET, TC, WS, ES, FE; Asia: Mongolia.

laevigata LOEW, 1858: Wien. ent. Mschr., **2**: 107 (*Rhingia*). Type-locality: not given (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin, Kunashir, Shikotan); Asia: Japan (Hokkaido, Honshu).

apicalis MATSUMURA, 1905: Thousand Ins. Japan, Add., **2**: 97, pl. 25, fig. 3 (*Rhingia*). Type-locality: "Hokkaido, Honshu" (Japan).

lateralis CURRAN, 1929: Ann. ent. Soc. Am., **22**(3): 496 (*Rhingia*). Type-locality: "Szechuan".—Distr.: Asia: China.

rostrata (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 604 (*Conops*). Type-locality: "Germania".—Distr.: Europe: GB, DK, NL, D, PL, CS, B, F, CH, E, I, YU, R, BG; USSR: CET, SET, TC, WS (Altai, Tuva).

macrocephala (HARRIS, [1780]): Expos. Eng. Ins.: 82, pl. XXIV, fig. 27 (*Musca*). Type-locality: not given (England).

nasata (HARRIS, [1780]): Expos. Eng. Ins.: 105, pl. XXXII, fig. 35 (*Musca*). Type-locality: not given (England).

Tribe Callicerini

Callicera PANZER, 1809

PANZER, [1809]: Faunae insect. germ., Fasc. **104**: 17.

Type-species: *Bibio aenea* FABRICIUS, 1781: Species insect., **2**: 413 (mon.).

aenea (FABRICIUS, 1781): Species insect., **2**: 413 (*Bibio*). Type-locality: "Germania".—Distr.: Europe: S, GB, NL, B, D, CS, F, A, I, YU, R; USSR: CET, SET, TC, WS, ES, FE (Primorye Territory, Sakhalin); Asia: China; Oriental Region (Taiwan).

aurata (ROSSI, 1790): Fauna Etrusca, **2**: 288 (*Syrphus*). Type-locality: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).

panzeri RONDANI, 1844: Anns Soc. ent. Fr., (2) **2**: 68 (*Callicera*, new name for *Callicera aenea* PANZER, 1809, not FABRICIUS, 1781).

bertolonii RONDANI, 1857: Dipt. Ital. Prodrum, **2**: 212 (*Callicera*). Type-locality: "in collibus subapenninis" [= Apennines] (Italy).—Distr.: Europe: F, I.

loewi VERRALL, 1913: Trans. ent. Soc. Lond., **2**: 323 (*Callicera*). Type-locality: "Troodos (about 4,500 feet) in Cyprus".—Distr.: Europe: CY, I.

obscura PORTEVIN, 1927: Encycl. ent. (B II) Dipt., **4**(1): 15 (*Callicera*). Type-locality: "Clamart" [= environs of Paris] (France).—Distr.: Europe: F.

porrii RONDANI, 1857: Dipt. Ital. Prodrum, **2**: 211 (*Callicera*). Type-locality: "in agro Parmensi" [= Parma] (Italy).—Distr.: Europe: I, YU; USSR: SMA (Tu).

rohdendorfi ZIMINA, 1982: Byull. mosk. Obshch. Ispyt. Prir., **87**(3): 38 (*Callicera*). Type-locality: Sukhum (Georgian SSR).—Distr.: USSR: SET (Crimea), TC (Ge).

roseri RONDANI, 1844: Anns Soc. ent. Fr., (2) **2**: 65 (*Callicera*). Type-locality: "in collibus sub-apenninis Italiae centralis" (Italy).—Distr.: Europe: A, I, YU.

rufa SCHUMMEL, 1842: Uebers. schles. Ges. vaterl. Kult., **1841**: 112 (*Callicera*). Type-locality: "Lissa (1 1/2 Meile von Breslau)" [= near Wrocław] (Poland).—Distr.: Europe: GB, NL, PL, F, CH, A, R, E, I, YU, BG.

fagesii GUÉRIN-MENEVILLE, 1844: Iconographie du Règne Animal de G. Cuvier, 10, Insectes, **3**: 546 (*Callicera*). Type-locality: "Montpellier" (France, Hérault).

macquarti RONDANI, 1844: Anns Soc. ent. Fr., (2) **2**: 66 (*Callicera*). Type-locality: "in collibus dittonis Parmensis" [= region of Parma] (Italy).

yerburyi VERRALL, 1904: Entomologist's mon. Mag., (2) **15**: 229 (*Callicera*). Type-locality: "near Nethy Bridge in Inverness" (Great Britain).

spinolae RONDANI, 1844: Anns Soc. ent. Fr., (2) **2**: 64 (*Callicera*). Type-locality: "in Italia centrali" (Italy).—Distr.: Europe: GB, F, D, DDR, A, E, I, R; USSR: SMA (Tj).

zhelochovtsevi ZIMINA, 1982: Byull. mosk. Obshch. Ispyt. Prir., **87**(3): 37 (*Callicera*).
Type-locality: Karpaty, Velikiy Berezhnyi.—Distr.: Europe: F, YU;
USSR: SET (Uk, Crimea), TC (Arm, Az).

Tribe Volucellini

Graptomyza WIEDEMANN, 1820

WIEDEMANN, 1820: Nova Dipt. Gen.: 16.

Type-species: *Graptomyza longirostris* WIEDEMANN, 1820: l.c.: 16, on plate (orig. des.); not Palaearctic.

alabeta SÉGUY, 1948: Notes Ent. chin., **12**: 158 (*Graptomyza*). Type-locality: "Japon: Chuzenji".—Distr.: USSR: FE (Primorye Territory); Asia: Japan.

ihai SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 225 (*Graptomyza*). Type-locality: "Amami-Ōshima" (Japan).—Distr.: Asia: Japan (Ryukyu Is.)

ishikawai SHIRAKI, 1954: Insecta matsum., **18**(3–4): 58, fig. 3 (*Graptomyza*). Type-locality: "Karuzawa, Nagano Prefecture" (Japan).—Distr.: Asia: Japan (Honshu).

itoi SHIRAKI, 1954: Insecta matsum., **18**(3–4): 56, fig. 2 (*Graptomyza*). Type-locality: "Hanase, Kyoto" (Japan).—Distr.: Asia: Japan (Honshu).

okawai SHIRAKI, 1956: Insecta matsum., **20**(1–2): 1 (*Graptomyza*). Type-locality: "at Yahata, Isshi-Gun, Mie Prefecture" (Japan).—Distr.: Asia: Japan (Honshu).

takeuchii SHIRAKI, 1954: Insecta matsum., **18**(3–4): 54 (*Graptomyza*). Type-locality: "Yakushima, Kyushu" (Japan).—Distr.: USSR: FE (Kunashir); Asia: Japan (Kyushu).

eo VILOVITSH, 1955: Ent. Obozr., **34**: 357 (*Graptomyza*). Type-locality: Island Kunashir: Lake Lagunnoe (USSR: FE).

Volucella GEOFFROY, 1762

GEOFFROY, 1762: Hist. abrégée ins. Paris, **2**: 540.

Type-species: *Musca pellucens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 595 (des. CURTIS, 1833: Brit. Ent., **10**: pl. 452). Validated by I.C.Z.N. 1957, Opinion 441: 85.

Pterocera MEIGEN, 1803: Mag. Insektenk., **2**: 275. Type-species: *Musca pellucens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 595 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 597).

Cenogaster DUMÉRIL, 1806: Zool. analytique: 282. Type-species: *Musca pellucens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 595 (as *Syrphus pellucens* F.; by

subsequent monotypy: FRORIEP in DUMÉRIL, 1806: German transl. of Zool. analytique: 283).

Temnocera LE PELETIER et SERVILLE, 1828 in LATREILLE et al.: Encycl. Méthod. (Ins.), 10: 786. Type-species: *Temnocera violacea* LE PELETIER et SERVILLE, 1828: l.c.: 787 (orig. des.).

- abditata** VILOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 177 (*Volucella*). Type-locality: Southern Primorye, Lake Khanka, village Ilinka.—Distr.: USSR: FE (Primorye Territory).
- bombylans** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: NET, CET, SET, TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, China; Nearctic Region.
- mystacea* (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Europa".
- pocopyges* (PODA, 1761): Insect. Mus. Graecensis: 118 (*Conops*). Type-locality: not given ("ad Graecium") [= environs of Graz] (Austria).
- tricolor* (PODA, 1761): Insect. Mus. Graecensis: 118 (*Conops*). Type-locality: not given ("ad Graecium") [= environs of Graz] (Austria).
- pennata* (SCOPOLI, 1763): Entom. carniolica: 353 (*Conops*; unjustified new name for *Conops tricolor* PODA, 1761).
- melanopyrrha* (FORSTER, 1771): Nov. Spec. Ins., Cent., 1: 98 (*Musca*). Type-localities: "Anglia, Germania".
- plumata* (DE GEER, 1776): Mém. Ins., 6: 134 (*Musca*). Type-locality: not given (Sweden).
- sonora* MÜLLER, 1776: Zool. Danicae Prodrömus: 178 (*Volucella*). Type-localities: "Daniae et Norvegiae" (Denmark, Norway).
- plumosa* (GMELIN, 1790): Syst. Nat., Ed. 13, 1: 2868 (*Musca* (*Syrphus*)). Type-locality: "Europa".
- vulpina* MEIGEN, 1830: Syst. Besch., 6: 355 (*Volucella*). Type-locality: not given ("In Wiedemann's Museum") (Europe).
- haemorrhoidalis* ZETTERSTEDT, 1838: Insecta Lapp.: 591 (*Volucella*). Type-localities: "ad Muonioniska et Alten... (Lappon.-Scan. pass.)" (Sweden).
- alpicola* RONDANI, 1857: Dipt. Ital. Prodrömus, 2: 32 (*Volucella*). Type-locality: "Taurinensi... in Alpibus Insubriae" (Turin, Italian Alps).
- proxima* RONDANI, 1857: Dipt. Ital. Prodrömus, 2: 32 (*Volucella*). Type-locality: "in Apennino parmensi" [= Parma] (Italy).
- variabilis* MALM, 1863: Göteborgs K. Vetensk.-o. VitterhSamh. Handl., 8: 13 (*Volucella*). Type-locality: not given ("Skandinavien").
- adulterina* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, 8: 128 (*Volucella*). Type-locality: "in collibus sub-apenninis" [= Apennines] (Italy).

- hybrida* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 127 (*Volucella*).
Type-locality: "In Alpibus Insubriae" [= Italian Alps].
- incestuosa* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 128 (*Volucella*).
Type-locality: "Apennino" [= Apennines] (Italy).
- spuria* RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, **8**: 128 (*Volucella*).
Type-locality: "Apennino" [= Apennines] (Italy).
- caucasica* PORTSCHINSKY, 1877: Trudy russk. ent. Obshch., **10**: 167 (*Volucella*,
as var. of *bombylans*). Type-locality: "Caucasus" (USSR).
- xantholeuca* MIK, 1887: Wien. ent. Ztg, **6**: 265 (*Volucella*, as var. of
bombylans). Type-locality: "bei Wellingholzhausen (im Hannoveranischen,
Landdrostei Osnabrück)" [= Wellingholzhausen near Osnabrück] [D].
- alpina* STROBL, 1898: Glasn. zemalj. Mus. Bosni Herceg., **10**: 437 (*Volucella*, as
forma of *bombylans*). Type-locality: Trebević-Gebirge, Klekovača (Yugoslavia).
- flava* GABRITSCHESKY, 1926: Biol. Bull. mar. biol. Lab., Woods Hole, **51**: 270
(*Volucella*, as var. of *bombylans*). Type-locality: "in the central parts of
Russia".
- terestriiformis* DRENSKY, 1934: Mitt. bulg. ent. Ges., **8**: 123 and 130 (*Volucella*).
Type-locality: "auf dem Witoscha-Gebirge, bei Belata Woda" (Bulgaria).
- pyrenaica* DOESBURG, 1951: Vie Milieu, **2**(4): 485 (*Volucella*). Type-locality:
"Héas, 1900 m, Hautes-Pyrénées, France".
- coreana* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 225 (*Volucella*).
Type-locality: "Korea (Koryo)".—Distr.: USSR: FE (Primorye Territory);
Asia: Korea.
- discolor* BRUNETTI, 1908: Rec. Indian Mus., **2**(1): 62 (*Volucella*). Type-locality:
"Sibsagar" (Assam, India).—Distr.: Asia: Japan; Oriental Region (India).
- elegans* LOEW, 1862: Wien. ent. Mschr., **6**: 294 (*Volucella*). Type-locality: "Spanien"
(Spain).—Distr.: Europe: F, P, E.
- inanis* (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 595 (*Musca*). Type-locality:
"Europa".—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: CET,
SET, TC, SMA (Tu, Uz, Ki, Tj), WS, ES, FE; Asia: Syrie, Afghanistan,
Mongolia, China.
- trifasciata* (SCOPOLI, 1763): Entom. carniolica: 352 (*Conops*). Type-locality:
"Carniolia" [= NE Yugoslavia].
- apivora* (DE GEER, 1776): Mém. Ins., **6**: 56 (*Musca*). Type-locality: not given
(Sweden).
- annulata* (HARRIS, [1776]): Expos. Eng. Ins.: 40 (*Musca*). Type-locality: not
given (England).
- micans* (FABRICIUS, 1794): Entom. syst., **4**: 278 (*Syrphus*). Type-locality:
"Italia".

- inanoides** HERVÉ-BAZIN, 1923: Bull. Mus. natn. Hist. nat., Paris, 29(3): 256 (*Volucella*). Type-locality: "Se-Tchouen" [= Szechuan] (China).—Distr.: Asia: China (Szechuan).
- inflata** (FABRICIUS, 1794): Entom. syst., 4: 280 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: GB, NL, B, D, CS, F, CH, A, H, R, YU, BG; USSR: CET, SET, TC.
- hochhuthii* GIMMERTHAL, 1847: Progr. zur Feier des 50 jährigen Doctor Jubiläums Dr. Fischer von Waldheim: 10 and Bull. Soc. nat. Moscou, 20(3): 177 (*Volucella*). Type-locality: "aus der Umgegend von Kiew" [= environs of Kiev] (USSR).
- jeddona** BIGOT, 1875: Anns Soc. ent. Fr., (5) 5: 472 (*Volucella*). Type-locality: "Japan".—Distr.: USSR: FE (Primorye Territory, Sakhalin, Kunashir, Shikotan); Asia: Mongolia, Japan (Hokkaido, Honshu).
- brevipila* PORTSCHINSKY, 1887: Trudy russk. ent. Obshch., 21(1-2): 7 (*Volucella*). Type-locality: "Amur" (USSR, Far East).
- nigrithorax* ZIMINA, 1961: Sb. Trud. zool. Mus. Mosk. Gos. Univ., 8: 143 (*Volucella*, as var. of *jeddona*). Type-locality: Southern Primorye (USSR).
- liquida** ERICHSON in WAGNER, M., 1841: Reisen in der Regentschaft Algier, 3: 194 (*Volucella*). Type-locality: not given ("Algier").—Distr.: North Africa: Morocco, Algeria.
- analis* MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, 1841(1): 83 and Dipt. exot., 2(2): 23, pl. IV, fig. 3 (*Volucella*). Type-locality: "Alger" (Algeria).
- lividiventris** BRUNETTI, 1908: Rec. Indian Mus., 2(1): 62 (*Volucella*). Type-locality: "Sikkim" (India).—Distr.: Asia: China (Tibet); Oriental Region (India).
- nigricans** COQUILLET, 1898: Proc. U.S. natn. Mus., 21: 324 (*Volucella*). Type-locality: not given (Japan).—Distr.: Asia: Korea, Japan; Oriental Region (Taiwan).
- nigropicta** PORTSCHINSKY, 1884: Trudy russk. ent. Obshch. [= Horae Soc. ent. Ross.], 18(1-2): 127 (*Volucella*). Type-locality: "Amur" (USSR).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Honshu).
- sexmaculata* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 212, pl. XVI, fig. 26 (*Volucella*). Type-localities: "Honshu" (Kyoto and Osaka)" (Japan).
- nitobei** MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 210, pl. XVI, fig. 24 (*Volucella*). Type-localities: "Honshu (Aomori, Kyoto and Osaka)".—Distr.: Asia: Japan.
- pellucens** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 595 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from N, S, SF to E, I, YU, BG; USSR: from Arkhangelsk to TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, China, Korea, Japan; North Africa: Tunisia; Oriental Region.
- dryaphila* (SCOPOLI, 1763): Entom. carniolica: 353 (*Conops*). Type-locality: "Carniolia" [= NE Yugoslavia].

fera (HARRIS, [1776]): Expos. Eng. Ins.: 39 (*Musca*). Type-locality: not given (England).

putescens (SCHELLENBERG, 1803): Gattungen der Fliegen: pl. VIII, fig. 2 (*Syrphus*). Type-locality: not given (Switzerland).

japonica BIGOT, 1875: Anns Soc. ent. Fr., (5) 5: 473 (*Volucella*). Type-locality: "Japon".

japonica MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 238, pl. XVII, fig. 6 (*Volucella*, as var. of *pellucens*). Type-locality: "Hokkaido (Sapporo)".

pellucens tabanoides MOTSCHULSKY, 1859: Bull. Soc. nat. Moscou, 32(2): 504 (*Volucella*, as species). Type-locality: "des environs du fl. Amour, depuis la Schilka jusqu'à Nikolaëvsk" (USSR, FE).—Distr.: USSR: WS, ES, FE; Asia: Mongolia, China, Korea, Japan (Hokkaido, Honshu).

plumatoides HERVÉ-BAZIN, 1923: Bull. Mus. natn. Hist. nat., 29(3): 257 (*Volucella*). Type-locality: "Ta-Tsien-Lou (Se-Tchouen)" [= Kanding, Szechuan] (China).—Distr.: USSR: KZ (Dzhungaria), SMA (Uz, Ki, Tj), WS, ES; Asia: Mongolia, China (Szechuan).

suzukii MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 236, pl. XVII, fig. 14 (*Volucella*). Type-locality: "Honshu (Kyoto)".—Distr.: Asia: Japan (Honshu).

violacea (LE PELETIER et SERVILLE, 1828): Encycl. Méthod. (Ins.), 10: 787 (*Temnocera*). Type-locality: "Chine".—Distr.: Asia: China; Oriental Region.

mutata WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., 2: 198 (*Volucella*). Type-locality: "China".

zonaria (PODA, 1761): Insect. Mus. Graecensis: 118 (*Conops*). Type-locality: not given ("ad Graecium") [= environs of Graz] (Austria).—Distr.: Europe: GB, NL, B, L, D, PL, CS, F, CH, A, H, R, P, E, I, YU, BG; USSR: CET, SET, TC, SMA (Tu, Uz, Ki, Tj), WS, FE; Asia: Mongolia, Iran; North Africa: Tunisia.

bifasciata (SCOPOLI, 1763): Entom. carniolica: 351 (*Conops*; unjustified new name for *Conops zonarius* PODA, 1761).

valentina (MÜLLER, 1766): Mélang. Phil. Math. Soc. Roy. Turin, 3(7): 198 (*Musca*). Type-locality: not given ("Taurinum") [= Turin] (Italy).

fasciata HERRICH-SCHÄFFER, 1829: Faunae insect. germ., Fasc. 111: 23 (*Volucella*). Type-locality: "Germania".

heckeri VAN DER GOOT, 1961: Ent. Ber., Amst., 21(11): 222 (*Volucella*, as var. of *zonaria*). Type-locality: "Asco, Corse, Forêt de Carozzica" (France).

Doubtful species of *Volucella*

atrata FABRICIUS, 1798: Suppl. entom.: 570 (*Volucella*). Type-locality: "Marocco".

aurata FABRICIUS, 1794: Entom. syst., 4: 413 (*Volucella*). Type-locality: "Barbaria" [= NW Africa].

flavescens GEOFFROY in FOURCROY, 1785: Entom. parisiensis, 2: 501 (*Volucella*). Type-locality: "Paris".

maculata GEOFFROY in FOURCROY, 1785: Entom. parisiensis, 2: 501 (*Volucella*). Type-locality: "Paris".

nigra GEOFFROY in FOURCROY, 1785: Entom. parisiensis, 2: 501 (*Volucella*). Type-locality: "Paris".

Tribe Chrysogasterini

Subtribe Chrysogasterina

Brachyopa MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., 3: 260.

Type-species: *Musca conica* PANZER, [1798]: Faunae insect. germ., Fasc. 60: 20 (des. WESTWOOD, 1840: Synopsis: 137) [= *panzeri* GOFFE, 1945].

- bicolor** (FALLÉN, 1817): Syrphici Sveciae: 33 (*Rhingia*). Type-locality: "ad Lärketorp Ostrogothiae" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CS, F, CH, YU, R, BG; USSR: CET, SET, TC, SMA (Ki), WS, ES, FE.
- cinerea** WAHLBERG, 1844: Öfvers. K. VetenskAkad. Förh., 1(5): 65 (*Brachyopa*). Type-localities: "Råbäcken et Storsand" (Sweden).—Distr.: Europe: S, SF; USSR: NET, CET, WS, ES, FE (Khabarovsk and Primorye Territories).
- dorsata** ZETTERSTEDT, 1837: Isis (Oken's), 1837, 1: 35 and Insecta Lapp. 1838: 597 (*Brachyopa*). Type-localities: "ad Lycksele Lapponiae Umensis et ad Juckasjervi Lapponiae Tornensis... (Lapponia —?)" (Sweden).—Distr.: Europe: N, S, SF, DK, B, D, PL, F, CH, YU, R; USSR: NET, CET, WS, ES, FE (Khabarovsk and Primorye Territories).
- insensilis** COLLIN, 1939: Entomologist's mon. Mag., 75: 105 (*Brachyopa*). Type-localities: "at Cambridge, ... at Newmarket... at Barton Mills (Suffolk)... at Upper Arley (Worcestershire)" (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, F, A; USSR: SET (Uk, Lower Volga), TC, SMA (Tj).
- maculipennis** THOMPSON, 1980: Ent. Scand., 11: 211 (*Brachyopa*, new name for *Musca arcuata* PANZER, 1798, a junior primary homonym of *Musca arcuata* LINNAEUS, 1758).—Distr.: Europe: CS, A, R.
arcuata (PANZER, [1798]): Faunae insect. germ., Fasc. 60: 15 (*Musca*). Type-locality: "Austria".
lateralis OLDENBERG, 1916: Wien. ent. Ztg, 35(3–4): 105 (*Brachyopa*, as var. of *arcuata*). Type-locality: "Herculesbad" [= Băile-Herculane] (Roumania).
- maritima** VILOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 125 (*Brachyopa*). Type-locality: Kuril Islands, Iturup, environs of Kurilsk.—Distr.: USSR: FE (Kuril Islands, Primorye Territory).
- obscura** THOMPSON et TORP PEDERSEN, 1982: Ent. Scand., 13: 441 (*Brachyopa*). Type-locality: "USSR, Yashchera".—Distr.: USSR: CET (Leningrad region).
- ornamentosa** VILOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 81 (*Brachyopa*). Type-locality: Ussuriysk.—Distr.: USSR: FE (Primorye Territory).

- panzeri** GOFFE, 1945: J. Soc. Br. Ent., **2**: 278 (*Brachyopa*, new name for *Musca conica* PANZER, 1798, a junior primary homonym of *Musca conica* GMELIN, 1790).—Distr.: Europe: S, SF, DK, NL, B, L, D, PL, F, CH, A, YU, R; USSR: CET; FE (Primorye Territory); Asia: Mongolia.
- conica* (PANZER, [1798]): Faunae insect. germ., Fasc. **60**: 20 (*Musca*). Type-locality: "Austria".
- pilosa** COLLIN, 1939: Entomologist's mon. Mag., **75**: 107 (*Brachyopa*). Type-localities: "Lyndhurst (Hants)" (Great Britain); "Bohemia" (Czechoslovakia).—Distr.: Europe: SF, GB, DK, NL, B, D, F, CS; USSR: CET, TC.
- plena** COLLIN, 1939: Entomologist's mon. Mag., **75**: 108 (*Brachyopa*). Type-localities: "Waldegg, Bohemia" (Czechoslovakia).—Distr.: Europe: CS; USSR: CET.
- quadrinaculosa** THOMPSON in KAPLAN and THOMPSON, 1981: Proc. ent. Soc. Wash., **83**(2): 208 (*Brachyopa*). Type-locality: "Israel, Monfort".—Distr.: Asia: Israel.
- scutellaris** ROBINEAU-DESVOIDY, 1843: Revue zool., **6**: 317 and Annls Soc. ent. Fr., (2) **2**(1844): 39 (*Brachyopa*). Type-locality: "environs de Saint-Sauveur (Yonne)" (France).—Distr.: Europe: IRE, GB, DK, NL, B, D, F, CH.
- sibirica** VILOVITSH, 1982: Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 58 (*Brachyopa*). Type-locality: Baikal Reservation, environs of Tankhoi.—Distr.: USSR: ES (Pribaikalye).
- testacea** (FALLÉN, 1817): Syrphici Sveciae 34 (*Rhingia*). Type-localities: "In Vestrogothia: in Smolandia" [= prov. Västergötland and prov. Småland] (Sweden).—Distr.: Europe: N, S, DK, NL, B, L, D; USSR: NET, CET, SET, WS, ES, FE; Asia: Mongolia.
- vittata** ZETTERSTEDT, 1843: Dipt. Scand., **2**: 687 (*Brachyopa*). Type-localities: "in Scandinavia boreali...; ... Forsa prope radicem Mullfjellet Jemtlandiae...; in Sorbo Aucupar, ad Naes Vaerdaliae Norvegicae paallo frequentius legi" (Sweden, Norway).—Distr.: Europe: N, S, DK, B, D, PL, CS; USSR: NET, CET, WS (Altai, Tuva, Sayan), FE (Kunashir).

Chrysogaster MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 274.

Type-species: *Syrphus coemiteriorum*: FABRICIUS, 1775: Syst. entom.: 779 (probably a misidentification of *Musca cemiteriorum* LINNAEUS, 1758) (des. ZETTERSTEDT, 1843: Dipt. Scand., **2**: 816, as *Eristalis solstitialis* FALLÉN, 1817: Syrphici Sveciae: 56).

Chrysogaster MEIGEN, 1800: Nouve. Class.: 32. Type-species: *Eristalis solstitialis* FALLÉN, 1817: Syrphici Sveciae: 56 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 523). Suppressed by I.C.Z.N., 1963, Opinion 678: Bull. zool. Nom., **20**: 339.

- Melanogaster* RONDANI, 1857: Dipt. Ital. Prodromus, 2: 166. Type-species: *Melanogaster nubilus* RONDANI, 1857: l.c.: 167 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 567).
- aerosa* LOEW, 1843: Stettin. ent. Ztg, 4(8): 253 (*Chrysogaster*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: PL, A.
- basalis* LOEW, 1857: Wien. ent. Mschr., 1: 5 (*Chrysogaster*). Type-locality: "Deutschland" (Germany).—Distr.: Europe: D, F, E.
- chalybeata* MEIGEN, 1822: Syst. Besch., 3: 267 (*Chrysogaster*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D]; "aus dem Kais. Königl. Museum in Wien" (?Austria).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, E, I, YU, R, BG, GR; USSR: CET, SET, TC, KZ, SMA (Ki), WS, ES, FE.
- cupraria* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 194 and Ins. Dipt., 4: 46 (*Chrysogaster*). Type-locality: "Nord de la France".
- coenotaphii* MEIGEN, 1830: Syst. Besch., 6: 351 (*Chrysogaster*). Type-locality: not given ("Museum Wiedemann; vom Harze") (Germany).
- coerulea* STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 207 (*Chrysogaster*, as var. of *chalybeata*). Type-locality: "Escorial, Spanien" (Spain).
- azurea* SZILÁDY, 1935: Annls hist.-nat. Mus. natn. hung., 29: 214 (*Chrysogaster*, as ab. of *chalybeata*). Type-locality: "Tunis".
- nigricans* SZILÁDY, 1935: Annls hist.-nat. Mus. natn. hung., 29: 214 (*Chrysogaster*, as ab. of *chalybeata*). Type-localities: "In Mittel- und besonders Nordeuropa, z.B. in Finnland".
- hirtella* LOEW, 1843: Stettin. ent. Ztg, 4(8): 250 (*Chrysogaster*) Type-locality: not given (Europe).—Distr.: Europe: IRE, GB, DK, NL, B, D, F, E, R; USSR: CET (La).
- claripennis* STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 208 (*Chrysogaster*, as var. of *hirtella*). Type-locality: "Algeciras" (Spain).
- inornata* LOEW, 1854: Programm K. Realschule zu Meseritz, 1854: 18 (*Chrysogaster*). Type-localities: "Posen [= Poznań], Schweden" (Poland, Sweden).—Distr.: Europe: S, PL.
- jaroslavensis* STACKELBERG, 1922: Annu. Mus. zool. Acad. Sci. USSR, 23(3/4): 363 (*Chrysogaster*). Type-locality: "Rossia centralis: Berditzyno, gubernium et districtus Jaroslavensis".—Distr.: USSR: CET.
- kirgisorum* STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 364 (*Chrysogaster*). Type-locality: Kirghizia: Frunze.—Distr.: USSR: KZ, SMA (Ki, Uz).
- macquarti* LOEW, 1843: Stettin. ent. Ztg, 4(9): 250 (*Chrysogaster*). Type-locality: "Posener Gegend" [= environs of Poznań] (Poland).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, P, E, YU, R, BG; USSR: NET, CET, SET, TC, WS, ES; Asia: Mongolia.
- musatovi* STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 365 (*Chrysogaster*). Type-locality: Tajikistan, southern slope of Hissar mountain ridge: Kondara, Ziddy.—Distr.: USSR: SET, TC (Ge), KZ, SMA (Ki, Tj).

- okazakii** SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 51 (*Chrysogaster*). Type-locality: "Hirayama Hill, Minamitana, Tokyo".—Distr.: Asia: Japan (Honshu).
- pollinifacies** VIOLOVITSH, 1956: Ent. Obozr., 35(2): 462 (*Chrysogaster*). Type-locality: Island Sakhalin: Okhotsk (Tonnai).—Distr.: USSR: FE (Sakhalin).
- semiopaca** MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 242, pl. XVII, fig. 19 (*Chrysogaster*). Type-locality: "Japan—Honshu (Kyoto)".—Distr.: Asia: Japan (Honshu).
- simplex** LOEW, 1843: Stettin. ent. Ztg, 4(9): 243 (*Chrysogaster*). Type-locality: not given (Europe).—Distr.: Europe: R.
- sinensis** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 366 (*Chrysogaster*). Type-locality: China: r. Pei-Cho.—Distr.: Asia: China.
- solstitialis** (FALLÉN, 1817): Syrphici Sveciae: 56 (*Eristalis*). Type-locality: "Scaniae" [= prov. Skåne] (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, L, D, PL, CS, F, E, I, YU, R, BG; USSR: CET, SET, TC; North Africa: Morocco.
- fumosa* LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 30 and Isis (Oken's), 1840(VII–VIII): 565 (*Chrysogaster*, as var. of *coemeteriorum* MEIGEN). Type-locality: Posen [= Poznań] (Poland).
- fumipennis* WALKER, 1851: Ins. Brit., Dipt., 1: 275 (*Chrysogaster*). Type-locality: "(E. S.)" (England, Scotland).
- stackelbergi** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 13): 180 (*Chrysogaster*). Type-locality: Altai, 25 km SW of Abai.—Distr.: USSR: WS (Altai, Tuva).
- tadzhikorum** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 363 (*Chrysogaster*). Type-locality: Tajikistan: Stalinabad, southern slope of Hissar mountain ridge, Ziddy.—Distr.: USSR: SMA (Tj, Uz, Ki); Asia: Afghanistan.
- tumescens** (LOEW, 1873): Beschr. europ. Dipt., 3: 214 (*Orthonera*). Type-locality: "Die Gegend von Saratoff" [= environs of Saratov] (USSR).—Distr.: USSR: CET, TC.
- viduata** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 598 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, S, SF, DK, NL, B, L, D, PL, CS, F, A, H, E, I, YU, BG; USSR: CET, SET, TC.
- nuda* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 194 and Ins. Dipt., 4: 46 (*Chrysogaster*). Type-locality: "Nord de la France".
- parumPLICATA* LOEW, 1840: Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 31 and Isis (Oken's), 1840(VII–VIII): 566 (*Chrysogaster*, as var. of *viduata*). Type-locality: Posen [= Poznań] (Poland).
- vitripennis* STROBL, 1893: Mitt. naturw. Ver. Steierm., 29: 193 (*Chrysogaster*, as var. of *viduata*). Type-locality: "bei Trieben, ... Hohe Tauern" (Austria).

- planifrons* SZILÁDY, 1939: *Annls hist.-nat. Mus. natn. hung.*, **32**: 137 (*Chrysogaster*, as var. of *viduata*). Type-locality: "Ungarn" (Hungary).
virescens LOEW, 1854: *Programm K. Realschule zu Meseritz*, **1854**: 17 (*Chrysogaster*). Type-localities: "Berlin, Harz".—Distr.: Europe: IRE, GB, DK, NL, B, D, DDR, F.

Doubtful species of *Chrysogaster*

- aenea* MEIGEN, 1822: *Syst. Besch.*, **3**: 270 (*Chrysogaster*). Type-locality: "Österreich" (Austria).
cemiteriorum (LINNAEUS, 1758): *Syst. Nat.*, Ed. 10, **1**: 597 (*Musca*). Type-locality: "Europa".
coemeteriorum: authors; incorrect subsequent spelling.
lucida (SCOPOLI, 1763): *Entom. carniolica*: 347 (*Musca*). Type-locality: ("Carniolia") (NE Yugoslavia).
nubilus (RONDANI, 1857): *Dipt. Ital. Prodromus*, **2**: 167 (*Melanogaster*). Type-locality: "in agro Parmensis" [= region Parma] (Italy).
speculifera (VILLERS, 1789): *Caroli Linnaei entom.*, **3**: 464, pl. IX, fig. 25 (*Musca*). Type-locality: "Europa".

Chrysosyrphus SEDMAN, 1965

SEDMAN, 1965 in WIRTH, SEDMAN, WEEMS: *Family Syrphidae. In* STONE, et al.: *Cat. Dipt. North Amer.*: 592 (new name for *BarberIELLA* SHANNON, 1922, a junior homonym of *BarberIELLA* POPPIUS, 1914).

Type-species: *Chrysogaster chilosoides* SHANNON, 1922: *Insecutor Inscit. menstr.*, **10**: 122 (aut.); not Palaearctic.

BarberIELLA SHANNON, 1922: *Insecutor Inscit. menstr.*, **10**: 122 (as subgenus of *Chrysogaster* MEIGEN, 1803). Type-species: *Chrysogaster chilosoides* SHANNON, 1922: *l.c.*: 122 (orig. des.).

HelleniOLA STACKELBERG, 1965 (Dec.): *Ent. Obozr.*, **44**(4): 911. Type-species: *Psilota nigra* ZETTERSTEDT, 1843: *Dipt. Scand.*, **2**: 847 (orig. des.).

alaskensis (SHANNON, 1922): *Insecutor Inscit. menstr.*, **10**: 124 (*Chrysogaster*). Type-locality: "Anchorage, Alaska".—Distr.: USSR: WS, ES, FE (Chukotka, Kamchatka, Khabarovsk Territory); Nearctic Region (Alaska).

tundrarum VIOLOVITSH, 1978: *Izv. sib. Otdel. Akad. Nauk SSSR, ser. biol. nauk*, **1**: 112 (*Chrysosyrphus*). Type-locality: Peninsula Yamal, valley of the Shchuch'ya-river (W Siberia).

montanus VIOLOVITSH, 1978: *Izv. sib. Otdel. Akad. Nauk SSSR, ser. biol. nauk*, **1**: 113 (*Chrysosyrphus*). Type-locality: Tuva, Tannu-Ola Mts, north slope of Khundurgun Pass (W Siberia).—Distr.: USSR: WS (Tuva).

niger (ZETTERSTEDT, 1843): *Dipt. Scand.*, **2**: 847 (*Psilota*). Type-localities: "in Suecia boreali; e Lapponia Tornensi, ad Lycksele Lapponiae Umensis" (Sweden).—Distr.: North Europe; USSR: NET, CET, North Siberia.

Hammerschmidtia SCHUMMEL, 1834

SCHUMMEL, 1834: Isis (Oken's) **1834**(VII): 739.

Type-species: *Hammerschmidtia vittata* SCHUMMEL, 1834: l.c.: 740 (mon.) [= *ferruginea* (FALLÉN, 1817)].

Exocheila RONDANI, 1857: Dipt. Ital. Prodrömus, **2**: 170. Type-species: *Rhingia ferruginea* FALLÉN, 1817: Syrphici Sveciae: 34 (orig. des., as *Brachyopa ferruginea* MEIGEN).

ferruginea (FALLÉN, 1817): Syrphici Sveciae: 34 (*Rhingia*). Type-localities: "Vestrogöthia, Ostrogöthia" (Sweden).—Distr.: Europe: N, S, SF, GB, D, PL, CS, F, CH, R, BG; USSR: NET, CET, SET, TC, WS (Altai, Tuva, Sayan), ES (Yakutia), FE (Khabarovsk Territory); Nearctic Region.
vittata SCHUMMEL, 1834: Isis (Oken's), **1834**(VII): 740 (*Hammerschmidtia*).
Type-locality: "Schlesien" (Poland).

ingrica STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 370 (*Hammerschmidtia*). Type-locality: Leningrad region: Tolmachevo, Luga district.—Distr.: USSR: CET (Leningrad region), WS, ES, FE (Khabarovsk and Primorye Territories).

Lejogaster RONDANI, 1857

RONDANI, 1857: Dipt. Ital. Prodrömus, **2**: 166.

Type-species: *Chrysogaster tarsata* MEIGEN, 1822: Syst. Besch., **3**: 271 (mon.) [= *splendida* (MEIGEN, 1822)].

Liogaster VERRALL in SCUDDER, 1882: Nomencl. zool.: 189; unjustified emendation.

Sulcatella GOFFE, 1944: Entomologist's mon. Mag., **80**: 129 (unnecessary new name for *Lejogaster* RONDANI, 1857, being not a homonym of *Liogaster* MEYER, 1844 (Crustacea)). Type-species: *Chrysogaster tarsata* MEIGEN, 1822: Syst. Besch., **3**: 271 (aut.) [= *splendida* (MEIGEN, 1822)].

metallina (FABRICIUS, 1781): Species insect., **2**: 431 (*Syrphus*). Type-locality: "Germaniae".—Distr.: Europe: from N, S, SF to E, I, YU, R; USSR: from NET to TC, KZ, SMA, WS, ES, FE; Asia: Afghanistan.

polita (HARRIS, [1780]): Expos. Eng. Ins.: 81 (*Musca*). A junior primary homonym of *Musca polita* LINNAEUS, 1758. Type-locality: not given (England).

metallica (FABRICIUS, 1805): Syst. antl.: 246 (*Eristalis*). Type-locality: "Germania".

discicornis (MEIGEN, 1822): Syst. Besch., **3**: 270 (*Chrysogaster*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D]; "aus Österreich" (Austria).

grandicornis (MEIGEN, 1822): Syst. Besch., **3**: 270 (*Chrysogaster*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].

- violacea* (MEIGEN, 1822): Syst. Besch., 3: 267 (*Chrysogaster*). Type-locality: not given (Europe).
- caerulescens* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 192 and Ins. Dipt., 4: 44 (*Chrysogaster*). Type-locality: “Normandie” (France).
- nigricans** (STACKELBERG, 1922): Annu. Mus. zool. Acad. Sci. USSR, 23(3/4): 362 (*Liogaster*). Type-localities: “Rossia centralis: Gremjatshca, distr. Dancovens, prov. Rjasanensis; Rossia meridionalis: Tauria, prope Sympheropolin; Belbek, prope Sevastopolin”.—Distr.: Europe: YU, BG, AL, GR; USSR: CET (Ryazan region), SET (Crimea).
- splendida** (MEIGEN, 1822): Syst. Besch., 3: 271 (*Chrysogaster*). Type-locality: “Österreich” (Austria).—Distr.: Europe: from S, SF to E, I, YU, BG; USSR: CET, SET, TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, Iran, Afghanistan.
- tarsata* (MEIGEN, 1822): Syst. Besch., 3: 271 (*Chrysogaster*). Type-locality: “Österreich” (Austria).
- bicolor* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 193 and Ins. Dipt., 4: 45 (*Chrysogaster*). Type-locality: “Nord de la France”.
- amethystina* (MACQUART, 1834): Hist. nat. Ins., Dipt., 1: 563 (*Chrysogaster*). Type-locality: “Sicile” (Italy).
- rufitarsis* (LOEW, 1840): Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 31 and Isis (Oken’s), 1840(VII–VIII): 566 (*Chrysogaster*). Type-locality: Posen [= Poznań] (Poland).
- aurichalcea* (BECKER, 1913): Annu. Mus. zool. Acad. Sci. St.-Petersb., 17: 606 (*Liogaster*). Type-localities: “Chorassan, Dorf Kjaris-i-Nan; Pers.—Beludshistan zwischen Ku-i-Murgak und Dech-i-Pabid; Kirman” (Iran).
- longior* (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 17 (*Orthoneura*). Type-localities: “auf Korsika, in Schlesien, Ungarn, Kaukasus, Schweden” (France: Corsica, Poland, Hungary, Sweden, Caucasus).
- virgo** RONDANI, 1865: Atti Soc. ital. Sci. nat., Milano, 8: 138 (*Chrysogaster* (*Lejogaster*)). Type-locality: “In Alpihus Insubriae” [= Italian Alps].—Distr.: Europe: I.

Liochrysogaster STACKELBERG, 1924

STACKELBERG, 1924: Wien. ent. Ztg, 41: 25 (as subgenus of *Chrysogaster* MEIGEN, 1803).

Type-species: *Liochrysogaster przewalskii* STACKELBERG, 1924: l.c.: 25 (orig. des.).

prezvalskii STACKELBERG, 1924: Wien. ent. Ztg, 41: 25 (*Liochrysogaster*). Type-locality: “Oasis Nia in Turkestanien chinensi et jugum montium Rossicum in Kwen-Lun”.—Distr.: Asia: China.

Myiolepta NEWMAN, 1838

NEWMAN, 1838: Ent. Mag., 5: 373.

Type-species: *Musca luteola* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (mon.).

Myiolepta: NEWMAN, 1841: Familiar Intro. Hist. Ins.: 226; emendation.

Xylotaeta RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 457. Type-species: *Syrphus varus* PANZER, [1798]: Faunae insect. germ., Fasc. 54: 8 (orig. des.) (as *Milesia vara (rara)* FABRICIUS).

Leptomysia WALKER, 1851: Ins. Brit., Dipt., 1: 254 (nomen nudum; published in synonymy of *Xylota* MEIGEN, as "*Leptomysia* (incl., NWM.)").

difformis STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 200 (*Myiolepta*). Type-locality: "Pardo" (Spain).—Distr.: Europe: E.

helvetica (WAINWRIGHT, 1911): Entomologist's mon. Mag., 22: 107 (*Chilosia*). Type-locality: "Aigle-Rhône Valley—Switzerland".—Distr.: Europe: CH.

luteola (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2879 (*Musca*). Type-locality: "Europa".—Distr.: Europe: S, GB, DK, NL, B, D, PL, CS, F, A, E, I, YU, BG; USSR: CET, TC.

dubia (FABRICIUS, 1805): Syst. antl.: 221 (*Thereva*). Type-locality: "Austria".

lateralis (FALLÉN, 1817): Syrphici Sveciae: 51 (*Eristalis*). Type-locality: "In Scaniae pratis" [= prov. Skåne] (Sweden).

nigritarsis COE, 1957: Proc. R. ent. Soc. Lond., 26(3-4): 60 (*Myiolepta*). Type-locality: "Macedonia: Prespa Geul, Oteševo" (Yugoslavia).—Distr.: Europe: YU; USSR: SET, TC.

obscura BECHER, 1882: Wien. ent. Ztg, 1(10): 250 (*Myiolepta*). Type-locality: "Prater" [= Austria: in Vienna].—Distr.: Europe: PL, F, A, YU; USSR: TC.

perplexa VILOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 178 (*Myiolepta*). Type-locality: Altai, Lake Teletskoe, village Artybash (West Siberia).—Distr.: USSR: WS (Altai).

philonis SÉGUY, 1961: Mém. Mus. natn. Hist. nat., Paris, (A), Zool., 23: 149 (*Myiolepta*). Type-locality: "Algérie: Rocher-Blanc (Le Corso)".—Distr.: North Africa: Algeria.

potens (HARRIS, [1780]): Expos. Eng. Ins.: 110, pl. 33, fig. 53 (*Musca*). Type-locality: not given (England).—Distr.: Europe: GB, F; USSR: TC.

shikokuana SHIRAKI, 1968: Fauna jap., Syrphidae, 3: 37 (*Myiolepta*). Type-locality: "Samachi, Tokushima".—Distr.: Asia: Japan (Shikoku).

vara (PANZER, [1798]): Faunae insect. germ., Fasc. 54: 8 (*Syrphus*). Type-locality: "Austria".—Distr.: Europe: NL, B, D, DDR, PL, CS, F, A, I, YU; USSR: TC, FE (Khabarovsk and Primorye Territories).

Doubtful species of *Myolepta*

femorata (SCOPOLI, 1763): Entom. carniolica: 355 (*Conops*). Type-locality: not given. "Carniolia" (?NE Yugoslavia).

palustris (SCOPOLI, 1763): Entom. carniolica: 345 (*Musca*). Type-locality: not given. "Carniolia" (?NE Yugoslavia).

***Orthoneura* MACQUART, 1829**

MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 188 and Ins. Dipt., 4: 40.

Type-species: *Chrysogaster elegans* MEIGEN, 1822: Syst. Besch., 3: 272 (mon.).

Orthoneura LOEW, 1843: Stettin. ent. Ztg, 4(7): 207; unjustified emendation.

Campeura RONDANI, 1856: Dipt. Ital. Prodromus, 1: 52. Type-species: *Campeura venusta* RONDANI, 1856: l.c.: 52 (mon.) [= *frontalis* (LOEW, 1843)].

Campeura VERRALL in SCUDDER, 1882: Nomencl. Zool.: 58; unjustified emendation.

ahngeri KANERVO, 1938: Annls ent. fenn., 4(3): 147 (*Orthoneura*). Type-locality: "Irkutsk" (USSR: E Siberia).—Distr.: USSR: ES (Pribaikalye).

brevicornis (LOEW, 1843): Stettin. ent. Ztg, 4(9): 269 (*Chrysogaster*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: SF, GB, DK, NL, B, L, D, PL, F, YU, BG; USSR: CET, SET, TC, WS.

ceratura (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 360 (*Orthoneura*). Type-locality: China: r. Bomyn (Ichegyn), NE Tsaidam.—Distr.: USSR: WS (Altai, Tuva, Sayan), ES (Pribaikalye), FE (Khabarovsk Territory); Asia: Mongolia, China (Tsaidam).

elegans (MEIGEN, 1822): Syst. Besch., 3: 272 (*Chrysogaster*). Type-locality: not given (Europe).—Distr.: Europe: S, SF, DK, B, D, PL, F, R, BG; USSR: NET, CET, SET, TC, WS, ES, FE; Asia: Mongolia, China.

erythrogonia (MALM, 1863): Göteborgs K. Vetensk.-o. VitterhSamh. Handl., 8: 61 (*Chrysogaster*). Type-locality: "pa Hultmans holme i Stadsvassen" (Sweden).—Distr.: Europe: S, SF; USSR: CET (La), WS, ES (Pribaikalye), FE (Khabarovsk Territory, Kamchatka); Asia: Mongolia.

gonadesma (LOEW, 1871): Besch. europ. Dipt., 2: 231 (*Orthoneura*). Type-locality: "die Gegend von Kultuk" [= environs of Kultuk, Baikal] (USSR).

frontalis (LOEW, 1843): Stettin. ent. Ztg, 4(9): 270 (*Chrysogaster*). Type-localities: "südlichen Europa" and (or?) "Asia Minor".—Distr.: Europe: D, PL, F, E, I, YU, BG; USSR: CET, SET, TC, SMA (Tu, Uz, Ki, Tj); Asia: Turkey, Iran.

venusta (RONDANI, 1856): Dipt. Ital. Prodromus, 1: 52 and 2(1857): 164 (*Campeura*). Type-locality: "in apennino parmensi" [= Parma] (Italy).

- fumipennis** (LOEW, 1843): Stettin. ent. Ztg, 4(9): 271 (*Chrysogaster*). Type-localities: "Stanchio" [= Island Kos, Greece] and "Mermeriza" [= Turkey: Marmaris].—Distr.: Europe: BG, GR; Asia: Turkey.
- gemmula** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 59 (*Orthoneura*). Type-locality: Novosibirsk region, Ordynskoe district.—Distr.: USSR: WS (Novosibirsk region).
- geniculata** (MEIGEN, 1830): Syst. Besch., 6: 352 (*Chrysogaster*). Type-locality: "aus Schweden" (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, I, R, BG; USSR: NET, CET, SET, WS, ES, FE (Khabarovsk Territory); Asia: Mongolia.
- fuscipennis* (ZETTERSTEDT, 1838): Insecta Lapp.: 615 (*Chrysogaster*). Type-locality: "in inferalpinis Nordlandiae; ... ad Evenas juxta Ofotenfjord... (Lappon. Norveg.)" (Norway).
- linnaniemii* (KANERVO, 1934): Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 116 (*Orthoneura*). Type-localities: "Nautsi, am Nautsiflusse...; Yläluostari...; Dorf Parkkino am Petsamofjorde" [= near Pechenga, Murmansk region].
- hissarica** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 358 (*Orthoneura*). Type-locality: Tajikistan: south slope of Hissar mountain ridge, Kondara.—Distr.: USSR: KZ (south), SMA (Ki, Tj).
- incisa** (LOEW, 1843): Stettin. ent. Ztg, 4(9): 245 (*Chrysogaster*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: PL, R; USSR: SET (Mo).
- insignis** (LOEW, 1843): Stettin. ent. Ztg, 4(9): 261 (*Chrysogaster*). Type-locality: not given (Europe).—Distr.: Middle Europe.
- intermedia** (LUNDBECK, 1916): Dipt. Danica, 5: 102 (*Orthoneura*). Type-localities: "Lyngby Mose, Hillerød, Sealand; on Funen at Faaborg and probably from Horsens in Jutland" (Denmark).—Distr.: Europe: N, S, SF, DK, NL, B, D, PL, F, H; USSR: CET, WS, ES, FE (Kamchatka, Sakhalin, Khabarovsk and Primorye Territories).
- rossica* (STACKELBERG, 1953): Ent. Obozr., 33: 346 (*Orthoneura*). Type-locality: Leningrad region: Luga, Fanderflit [= Kolchanovka].
- inundata** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 56 (*Orthoneura*). Type-locality: Tuva, Lake Amdaigyn-Khol (W Siberia).—Distr.: USSR: WS (Tuva).
- karumaiensis** (MATSUMURA, 1916): Ent. Mag. Kyoto, 2(1): 16 (*Pipizella*). Type-locality: "Honshu (Iwate)" (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories); Asia: Korea, Japan (Honshu).
- ussuriana* (STACKELBERG, 1930): Russk. ent. Obozr., 23(3-4): 248 (*Orthoneura*). Type-localities: "Süd-Ussuri-Gebiet: Tjumenj-ula, an der Grenze von Russland und Korea; Nikolsk-Ussurijskij".
- kozlovi** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 357 (*Orthoneura*). Type-locality: China: Bomyn (Ichegyn), Northern Tsaidam.—Distr.: Asia: Afghanistan, Mongolia, China (Tsaidam).

- longicornis** (LOEW, 1843): Stettin. ent. Ztg, 4(9): 240 (*Chrysogaster*). Type-localities: "Insel Stanchio" [= Island Kos] (Greece), "Kleinasien" (Turkey).—Distr.: Europe: E, I, BG, GR; USSR: TC, SMA (Tj); Asia: Turkey, Iran; North Africa: Morocco, Algeria.
- nobilis** (FALLÉN, 1817): Syrphici Sveciae: 57 (*Eristalis*). Type-locality: "Svecia".—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, L, D, PL, CS, F, A, E, I, YU, R, BG; USSR: NET, CET, SET, TC, SMA (Ki, Tj), WS, FE; Asia: China.
- nigricollis** (MEIGEN, 1822): Syst. Besch., 3: 271 (*Chrysogaster*). Type-locality: "Österreich" (Austria).
- byzantina** (STROBL, 1902): Glasn. zemalj. Mus. Bosni Herceg., 14(1): 479 and Wiss.Mitt. Bosn. Herzeg., 9(1904): 538 (*Orthoneura*, as var. of *nobilis*). Type-locality: "San Stephano bei Byzanz" [= near Istanbul] (Turkey).
- anomala** (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 16 (*Orthoneura*). Type-locality: "aus dem Altvater Gebirge in Schlesien" [= Sudeten Mts on border Czechoslovakia with Poland].
- onytes** (SÉGUY, 1961): Mém. Mus. natn. Hist. nat., Paris, (A) Zool., 23: 23 (*Orthoneura*). Type-localities: "Hautes-Pyrénées: Luz; Gavarnie; Aragnouet; Barèges; Allier, Suisse, Hospenthal" (France, Switzerland).—Distr.: Europe: F, CH.
- pilifacies** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., 12: 361 (*Orthoneura*). Type-locality: Hissar mountain ridge: Gafilabad, Ziddy (Tajikistan).—Distr.: USSR: TC, KZ, SMA (Ki, Tj); Asia: Afghanistan.
- plumbago** (LOEW, 1840): Öffentl. Prüf. Schüler Friedrich-Wilhelms-Gymnasiums zu Posen, 1840: 31 and Isis (Oken's), 1840(VII–VIII): 567 (*Chrysogaster*). Type-locality: "Posen" [= Poznań] (Poland).—Distr.: Europe: D, PL, CS, F, I, R, BG; USSR: CET, SET (Mo), WS, ES, FE (Khabarovsk Territory); Asia: Mongolia, China (E Tibet).
- recurrens** (LOEW, 1871): Besch. europ. Dipt., 2: 232 (*Orthoneura*). Type-locality: "Kultuk am Baikalsee" (USSR, E Siberia).—Distr.: USSR: ES (Pribaikalye, Transbaikal); Asia: Mongolia.
- regalis** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 62 (*Orthoneura*). Type-locality: Caucasus, Talysh, 9 km from Lerik to Kosmolyan.—Distr.: USSR: TC (Az).
- roborovskii** (STACKELBERG, 1952): Trudy zool., Inst., Leningr., 12: 359 (*Orthoneura*). Type-locality: China, r. Bomyn (Ichegyn), NE Tsaidam.—Distr.: Asia: Mongolia, China (Tsaidam).
- sachalinensis** (VIOLOVITSH, 1956): Ent. Obozr., 35(2): 464 (*Orthoneura*). Type-localities: Island Sakhalin: Ilinskoe; Bykov (Mikho).—Distr.: USSR: FE (Sakhalin).
- splendens** (MEIGEN, 1822): Syst. Besch., 3: 266 (*Chrysogaster*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: IRE, GB, NL, B, D, PL, E, I, YU, R, BG; USSR: CET (La), SET (Crimea), TC; Asia: Turkey; North Africa: Tunisia, Algeria.

- stackelbergi** THOMPSON et TORP PEDERSEN, 1982: Ent. Scand., 13: 442 (*Orthonevra*). Type-locality: "USSR, Yashchera".—Distr.: Europe: N, PL; USSR: CET, WS (Sverdlovsk region), ES (Yakutia), FE.
- subincisa** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 57 (*Orthonevra*). Type-locality: Tuva, Sug-Aksy (W Siberia).—Distr.: USSR: WS (Tuva).
- tristis** (LOEW, 1781): Besch. europ. Dipt., 2: 229 (*Chrysogaster*). Type-locality: "die Saualpe in Kärnthen" (Austria).—Distr.: Europe: CH, A.
- tuvensis** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 62 (*Orthonevra*). Type-locality: Tuva, Lower stream of the r. Irbitey (W Siberia).—Distr.: USSR: WS (Tuva).
- vagabunda** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 61 (*Orthonevra*). Type-locality: Tuva, middle stream of the r. Orokhin-Gol (W Siberia).—Distr.: USSR: WS (Tuva).
- varga** (VIOLOVITSH, 1979): Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 58 (*Orthonevra*). Type-locality: Tuva, Sug-Aksy (W Siberia).—Distr.: USSR: WS (Tuva).

Subtribe Spheginina

Neoascia WILLISTON, 1886

WILLISTON, 1886: Bull. U.S. natn. Mus., 31: 111 (new name for *Ascia* MEIGEN, 1822, a junior homonym of *Ascia* SCOPOLI, 1777).

Type-species: *Syrphus podagricus* FABRICIUS, 1775: Syst. entom.: 768 (aut.).

Ascia MEIGEN, 1822: Syst. Besch., 3: 185. Type-species: *Syrphus podagricus* FABRICIUS, 1775: Syst. entom.: 768 (des. WESTWOOD, 1840: Synopsis: 136).

Neoasciella STACKELBERG, 1965: see below as subgenus.

Subgenus NEOASCIA WILLISTON, 1886

dispar (MEIGEN, 1822): Syst. Besch., 3: 188 (*Ascia*). Type-localities: not given (?Stolberg near Aachen) [D] and "Montjoie".—Distr.: Europe: from N, S, SF to I, YU, BG; USSR: from Kola peninsula to SET (Mo), TC, KZ, SMA (Tj, Ki), WS, ES, FE; Asia: Mongolia, China (Tsaidam).

lapponica KANERVO, 1934: Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 118 (*Neoascia*, as subsp. of *floralis* MEIGEN). Type-localities: "Nautsi; Salmijärvi; Haukilampi; Parkkino; ... in Kusomen auf der Halbinsel Kola" (USSR, Murmansk region); "Sodankylä; ... Inari" (Finland).

splendida KANERVO, 1934: Annl. Soc. zool.-bot. fenn. "Vanamo", 14(5): 120 (*Neoascia*, as var. of *floralis lapponica*). Type-localities: "Parkkino" [= near Pechenga, Murmansk region]; "Sodankylä; ... Utsjoki" (Finland).

- floralis** (MEIGEN, 1822): Syst. Besch., 3: 188 (*Ascia*). Type-locality: not given ("Wahrscheinlich aus hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: DK, B, D, PL, CS, F, CH, A, H, I, YU, R, BG; USSR: CET, SET, TC.
- hastata* (WIEDEMANN in MEIGEN, 1822): Syst. Besch., 3: 189 (*Ascia*). Type-locality: "Berliner Gegend".
- nitidula* (MEIGEN, 1822): Syst. Besch., 3: 191 (*Ascia*). Type-locality: "Österreich" (Austria).
- quadripunctata* (MEIGEN, 1822): Syst. Besch., 3: 189 (*Ascia*). Type-locality: "wahrscheinlich Frankreich" (?France).
- bifasciata* (ZETTERSTEDT, 1838): Insecta Lapp.: 583 (*Ascia*). Type-localities: "ad Lycksele et Tresunda Lapponiae Umensis; in Muonioniska Lapponiae Tornensis (Lappon. Suecica)" (Sweden).
- longiscutata** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 427 (*Ascia*). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Hokkaido).
- monticola** STACKELBERG, 1960: Ent. Obozr., 39(2): 442 (*Neoascia*). Type-locality: East slope of Mount Kapudzhikh, Armenia.—Distr.: USSR: TC (Arm).
- pavlovskii** STACKELBERG, 1955: Trudy zool. Inst., Leningr., 21: 346 (*Neoascia*). Type-locality: Hissarian mountain ridge, Kondara (Tajikistan).—Distr.: USSR: SET (Daghestan), SMA (Tj); Asia: Afghanistan.
- podagrica** (FABRICIUS, 1775): Syst. entom.: 768 (*Syrphus*). Type-locality: "Dania".—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; USSR: CET, SET, TC, WS (Altai, Sayan), ES (Pribaikalye); Madeira.
- molio* (HARRIS, [1780]): Expos. Eng. Ins.: 111 (*Musca*). Type-locality: not given (England).
- tenur* (HARRIS, [1780]): Expos. Eng. Ins.: 112 (*Musca*). Type-locality: not given (England).
- crassipes* (SCHRANK, 1781): Enum. ins. austr. indig.: 450 (*Musca*). Type-locality: "Lincii" [= Linz] (Austria).
- elephantopus* (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2880 (*Musca*; unjustified new name for *Musca crassipes* SCHRANK, 1781).
- lanceolata* (MEIGEN, 1822): Syst. Besch., 3: 187 (*Ascia*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen), [D].
- maculata* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 169 and Ins. Dipt., 4: 21 (*Ascia*). Type-locality: "Nord de la France".
- unifasciata* (STROBL, 1898): Mitt. naturw. Ver. Steierm., 34: 222 (*Ascia*, as var. of *podagrica*). Type-locality: "bei Admont" (Austria).
- subchalybea** CURRAN, 1925: Proc. ent. Soc. Wash., 27: 53 (*Neoascia*). Type-locality: "Montreal, Quebec" (Canada).—Distr.: USSR: ES (Pribaikalye); Nearctic Region.

Subgenus NEOASCIELLA STACKELBERG, 1965

STACKELBERG, 1965: Ent. Obozr., **44**(4): 913 (as subgenus of *Neoascia* WILLISTON, 1886).

Type-species: *Ascia interrupta* MEIGEN, 1822: Syst. Besch., **3**: 190 (orig. des.).

aenea (MEIGEN, 1822): Syst. Besch., **3**: 191 (*Ascia*). Type-localities: "Österreich" (Austria); "Frankreich" (France).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, CS, F, A, I, R, BG; USSR: CET, SET, TC, KZ, SMA (Ki), WS (Altai, Sayan, Tuva), ES (Pribaikalye); Asia: Mongolia.

carinicauda STACKELBERG, 1955: Trudy zool. Inst., Leningr., **21**: 350 (*Neoascia*). Type-locality: Northern Kazakhstan: Atbasar.—Distr.: USSR: KZ (Atbasar), SMA (Ki), WS (Omsk region).

geniculata (MEIGEN, 1822): Syst. Besch., **3**: 192 (*Ascia*). Type-locality: "England".—Distr.: Europe: IS, N, S, SF, IRE, GB, DK, NL, B, D, PL, H, R; USSR: from Kola peninsula to SET (Uk), KZ (Atbasar), SMA (Ki), WS (Altai), ES (Pribaikalye, Yakutia).

geniculata orientalis VIOLOVITSH, 1957: Ent. Obozr., **36**(3): 749 (*Neoascia*, as subsp. of *geniculata*). Type-locality: "Island Sakhalin, peninsula Terpeniya, environs of Kotikovo".—Distr.: USSR: FE (Sakhalin).

interrupta (MEIGEN, 1822): Syst. Besch., **3**: 190 (*Ascia*). Type-localities: "Bondy bei Paris" (France); "aus dem kaiserl. königl. Museum" (?Austria).—Distr.: Europe: SF, GB, DK, NL, B, D, PL, F, H, YU, R, BG; USSR: CET, SET (Mo), TC, WS.

obliqua COE, 1940: Entomologist's mon. Mag., **76**: 18 (*Neoascia*). Type-localities: "at Gorge of Avon, Lanarkshire, . . . at Erskine, Renfrewshire, . . . 'nr. Darenth', Kent" (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, PL, F, CH, I, YU; USSR: SET (Crimea, Stavropol Terr.), TC (Arm).

petsamoensis KANERVO, 1934: Anns Soc. zool.-bot. fenn. "Vanamo", **14**(5): 117 (*Neoascia*). Type-locality: "Nautsi am Nautsiflusse" [= Pechenga, Murmansk region].—Distr.: USSR: NET (Kola peninsula), CET (Sverdlovsk region).

sphaerophoria CURRAN, 1925: Proc. ent. Soc. Wash., **27**: 57 (*Neoascia*). Type-locality: "Banff, Alta" (Canada).—Distr.: USSR: Siberia from Yakutia to Chukotka; Nearctic Region (Alberta, Alaska).

tuberculifera VIOLOVITSH, 1957: Ent. Obozr., **36**(3): 748 (*Neoascia*). Type-locality: Island Sakhalin, environs of Juzhno-Sakhalinsk.—Distr.: USSR: ES (Yakutia), FE (Sakhalin, Khabarovsk and Primorye Territories).

Doubtful species of *Neoascia*

annexa (MÜLLER, 1776): Zool. Danicae Prodrromus: 173 (*Musca*). Type-localities: "Dania et Norvegia".

bifasciata (SCHRANK, 1776): Beitr. Naturgesch.: 95, tab. 3, fig. 21 (*Musca*). Type-locality: "Linz" (Austria). A junior primary homonym of *Musca bifasciata* FABRICIUS, 1775: Syst. entom.: 777.

- dizonias* (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2880 (*Musca*, as new name for *Musca bifasciata* SCHRANK, 1776).
- breviscutata* (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 429 (*Ascia*). Type-locality: "Japan—Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).
- clavata* (SCOPOLI, 1763): Entom. carniolica: 357 (*Conops*). Type-locality: "Carniolia" (NE Yugoslavia).
- meticulosa* (SCOPOLI, 1763): Entom. carniolica: 344 (*Musca*). Type-locality: "Carniolia" (NE Yugoslavia).

Sphegina MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., 3: 193.

Type-species: *Milesia clunipes* FALLÉN, 1816: Syrphici Sveciae: 12 (des. WESTWOOD, 1840: Synopsis: 136).

Asiosphegina STACKELBERG, 1975: see below as subgenus.

Subgenus ASIOSPHEGINA STACKELBERG, 1975

STACKELBERG in KNUTSON, THOMPSON and VOCKEROTH, 1975: Cat. Dipt. Orient. Reg., 2: 338.

Type-species: *Sphegina sibirica* STACKELBERG, 1953: Trudy zool. Inst., Leningr., 13: 377 and 385 (orig. des.).

Asiosphegina STACKELBERG, 1953: Trudy zool. Inst., Leningr., 13: 374 and 376; unavailable name (without type-species designation).

freyana STACKELBERG, 1956: Ent. Obozr., 35(4): 935 (*Sphegina* (*Asiosphegina*)). Type-locality: Kuril Islands: Kunashir, Lake Lagunnoe.—Distr.: USSR: FE (Kuril Is).

grunini STACKELBERG, 1953: Trudy zool. Inst., Leningr., 13: 378 (*Sphegina*). Type-locality: Primorye Territory, Klyuch Serebryanyi, tributary of the r. Sankhobe, Terney district (USSR, Far East).—Distr.: USSR: FE (Primorye Territory, Kunashir).

hennigiana STACKELBERG, 1956: Ent. Obozr., 35(4): 936 (*Sphegina* (*Asiosphegina*)). Type-locality: Kuril Islands: Kunashir, Lake Lagunnoe.—Distr.: USSR: FE (Kuril Is).

japonica SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5–6): 108 (*Sphegina*). Type-locality: "Omogo Valley, Ehime Pref." (Japan).—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan (Honshu, Shikoku).

macrocerca STACKELBERG, 1956: Ent. Obozr., 35(4): 938 (*Sphegina* (*Asiosphegina*)). Type-localities: Sakhalin: Yuzhno-Sakhalinsk, Kunashir: Vodopadnoe.

nitidifrons STACKELBERG, 1956: Ent. Obozr., 35(4): 937 (*Sphegina* (*Asiosphegina*)). Type-locality: I. Kunashir, NE slope of Mendeleev's volcano, in the vicinity of Goryachiy plyazh; Alyokhino.—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan (Honshu).

- potanini** STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 377 (*Sphegina*). Type-locality: Szechuan, Tatszinlu, valley above Chzhungu" (China).—Distr.: Asia: China (Szechuan).
- sibirica** STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 377 and 385 (*Sphegina*). Type-locality: Tigrovaya, Suchan district (USSR: Far East).—Distr.: Europe: N, SF; USSR: CET (Leningrad region, Komi), TC, SMA (Ki), WS (Altai, Tuva, Sayan), ES (Pribaikalye, Yakutia), FE (Chukotka, Kamchatka, Khabarovsk and Primorye Territories).
- flavescens* STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 377 (*Sphegina*, as var. of *sibirica*). Type-locality: Tigrovaya, Suchan district (USSR: Primorye Territory).

Subgenus SPHEGINA MEIGEN, 1822

- aterrima** STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 379 (*Sphegina*). Type-locality: Altai: from Matur to Ada (W Siberia).—Distr.: USSR: WS (Altai, Tuva, Sayan), FE (Khabarovsk and Primorye Territories).
- atra** VILOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 121 (*Sphegina*). Type-locality: Lower stream of the Ob'-river, Labytngani.—Distr.: USSR: WS.
- brevisterna** VILOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 122 (*Sphegina*). Type-locality: Tuva, near Lake Ubsa-Nur, valley of the Irbitey-river.—Distr.: USSR: WS (Tuva).
- claviventris** STACKELBERG, 1956: Ent. Obozr., **35**(4): 942 (*Sphegina*). Type-locality: Island Sakhalin.—Distr.: USSR: CET (Komi, La, Li), WS (W Sayan), FE (Sakhalin, Primorye Territory).
- clunipes** (FALLÉN, 1816): Syrphici Sveciae: 12 (*Milesia*). Type-locality: "Smolandia" [= prov. Småland] (Sweden).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC, FE (Primorye Territory); Asia: Japan (Hokkaido, Honshu).
- nigra* MEIGEN, 1822: Syst. Besch., **3**: 195 (*Sphegina*). Type-locality: not given (?Stolberg near Aachen) [D].
- nigricornis* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 166 and Ins. Dipt., **4**: 18 (*Sphegina*). Type-locality: "Nord de la France".
- flava* MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 577 (*Sphegina*). Type-locality: "de Bordeaux" (France).
- elegans* SCHUMMEL, 1843: Uebers. schles. Ges. vaterl. Kult., **1842**: 167 (*Sphegina*). Type-locality: "Schlesien" (Poland).
- cornifera** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 34 (*Sphegina*). Type-locality: "Furka" (Switzerland: Swiss Alps).—Distr.: Europe: CH, I.
- dogieli** STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 379 (*Sphegina*). Type-locality: Predkavkazye (formerly Kuban region).—Distr.: USSR: SET (Krasnodar Territory).

- eo** STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 383 and 386 (*Sphegina*). Type-localities: Pribaikalye: Kitoy-river opposite to the issue of the Kitoykina-river, Irkutsk region; Ospa-river of the system of the Belaya-river, tributary of the Angara.—Distr.: USSR: WS (Altai), ES, FE (Khabarovsk and Primorye Territories); Asia: Mongolia.
- hodosa** VILOVITSH, 1981: Izv. sib. Otdel. Akad. Nauk USSR, ser. biol. nauk, **1**: 94 (*Sphegina*). Type-locality: Altai, Baragash.—Distr.: USSR: WS (Altai), ES (Transbaikal), FE (Khabarovsk and Primorye Territories).
- kimakowiczi** (STROBL, 1897): Verh. Mitt. siebenb. Ver. Naturw., **66**: 39 (*Chilosia*). Type-locality: “Götzenberg” (Roumania).—Distr.: Europe: SF, IRE, GB, DK, NL, B, L, D, PL, F, CH, YU, R, BG; USSR: CET, SET, TC.
- germanica** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 35 (*Sphegina*). Type-localities: “Bad Wildungen” [D] and “Ziegenhals, Schlesien” [= near Głucholazy] (Poland).
- latifrons** EGGER, 1865: Verh. zool.-bot. Ges. Wien, **16**: 294 (*Sphegina*). Type-locality: not given (“im Hochgebirge”) (Austria).—Distr.: Europe: D, PL, CH, A, R, BG; USSR: SET (Uk: Carpatians).
- limbipennis** STROBL, 1909: Verh. zool.-bot. Ges., **59**: 195 (*Sphegina*). Type-locality: “Oberes Genital” (Spain).—Distr.: Europe: E, F.
- melancholica** STACKELBERG, 1956: Ent. Obozr., **35**(4): 939 (*Sphegina*). Type-locality: Sakhalin: Ilmenskoe.—Distr.: USSR: FE (Sakhalin, Khabarovsk Territory).
- montana** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 35 (*Sphegina*). Type-locality: “Admont” (Austria).—Distr.: Europe: CH, A, BG.
- negrobovi** SKUFJIN, 1976: Ent. Obozr., **55**(4): 931 (*Sphegina*). Type-locality: r. Bezmyannaya near Tybga, North Caucasus.—Distr.: USSR: SET (N Caucasus).
- obscurifacies** STACKELBERG, 1956: Ent. Obozr., **35**(4): 941 (*Sphegina*). Type-locality: Khabarovsk Territory: Sovetskaya Gavan.—Distr.: USSR: WS (Sayan), FE (Khabarovsk and Primorye Territories).
- platychira** SZILÁDY, 1937: Állatt. Közl., **34**(1–2): 92 (*Sphegina*). Type-locality: “Körösmező” [= Yassinja] (USSR).—Distr.: Europe: R; USSR: SET (Uk: Carpatians).
- lindneriana** STACKELBERG, 1963: Stuttg. Beitr. Naturk., No. **113**: 1 (*Sphegina*). Type-locality: “Umgebung von Rjachowo, Kamenetzkiy Potok, Zakarpatskaja-Gebiet (Karpaten), 650–800 m” (USSR: Uk).
- rubripes** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 35 (*Sphegina*). Type-locality: “Mörsil, Mittel-Schweden” (Sweden).—Distr.: Europe: S.
- smirnovi** VILOVITSH in STACKELBERG, 1953: Trudy zool. Inst., Leningr., **13**: 381 (*Sphegina*). Type-locality: Tajikistan, Hissarian mountain ridge, Kondara.—Distr.: USSR: SMA (Uz, Ki, Tj).
- spheginea** (ZETTERSTEDT, 1838): Insecta Lapp.: 582 (*Ascia*). Type-localities: “in Lapponia Umensi meridionali; . . . ad Lycksele . . . et . . . ad Naestansjo . . . (Lapponia Suecica)” (Sweden).—Distr.: Europe: S, SF, D, PL, F,

CH, R; USSR: NET, WS, ES, FE (Kamchatka, Khabarovsk and Primorye Territories); Asia: Mongolia.

zetterstedti SCHINER, 1857: Verh. zool.-bot. Ver. Wien, 7: 382 (*Sphegina*).

Type-locality: "Lappland" (Sweden).

rufiventris STROBL, 1909: Mitt. naturw. Ver. Steierm., 46: 96 (*Sphegina*, as var. of *zetterstedti*). Type-localities: "Admont, . . . Gesäuse" (Austria).

sanguinea BECKER, 1921: Mitt. zool. Mus. Berl., 10: 36 (*Sphegina*, as var. of *zetterstedti*). Type-locality: "Wölfelsfall, Schlesien" (Poland).

spiniventris STACKELBERG, 1953: Trudy zool. Inst., Leningr., 13: 381 (*Sphegina*).

Type-locality: river Ospa, basin of the r. Belaya, tributary of the Angara, Irkutsk region.—Distr.: USSR: WS (Altai), ES (Pribaikalye), FE (Primorye Territory).

stackelbergi VIOLOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 119 (*Sphegina*). Type-locality: Southern Primorye, Reservation Kedrovaya Pad.—Distr.: USSR: FE (Primorye Territory).

tuvinica VIOLOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 120 (*Sphegina*). Type-locality: Tuva: Tannu-Ola Mts, Pass Khundurgun.—Distr.: USSR: WS (Tuva).

verecunda COLLIN, 1937: Entomologist's mon. Mag., 73: 184 (*Sphegina*). Type-localities: "at Clyro (Radnorshire), . . . at Grosmont (Herefordshire) (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, CH, BG; USSR: CET, SET, TC.

violovitshi STACKELBERG, 1956: Ent. Obozr., 35(4): 940 (*Sphegina*). Type-locality: Island Kunashir: Goryachiy Plyazh.—Distr.: Europe: SF; USSR: WS (Altai, Sayan), FE (Sakhalin, Kuril Is); Asia: Japan (Honshu).

Doubtful species of *Sphegina*

amamiensis SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 193 (*Sphegina*). Type-locality: "Amami-Oshima" (Japan).

elongata SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., 3(5-6): 106 (*Sphegina*). Type-locality: "Omogo Valley, Ehime Pref."

fasciata SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 191 (*Sphegina*). Type-locality: "Sugitate, Matsuyama".

fuliginosa GOELDIN DE TIEFENAU, 1974: Mitt. schweiz. ent. Ges., 47(3-4): 240 (*Sphegina*). Type-locality: "Jorat" (Switzerland).

loewi ZELLER, 1843: Stettin. ent. Ztg., 4(10): 305 (*Sphegina*). Type-locality: "im Weistrizthal bei Reinerz" [= near Duszniki] (Poland).

ozeensis SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 189 (*Sphegina*). Type-locality: "Oze, Gumma Pref."

tenuissima SZILÁDY, 1939: Anns hist.-nat. Mus. natn. hung., 32: 140 (*Sphegina*). Type-localities: "Ostungarn (Transsylvanien): Nagy Ilva, Meziád, Mehádia, Preszáka" (Roumania).

thoraciaca SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 196 (*Sphegina*). Type-locality: "Omogo, Ehime Pref."

Spheginoides SZILÁDY, 1939

SZILÁDY, 1939: *Annls hist.-nat. Mus. natn. hung.*, **32**: 138.

Type-species: *Spheginoides obscurus* SZILÁDY, 1939: l.c.: 138 (mon.).

obscurus SZILÁDY, 1939: *Annls hist.-nat. Mus. natn. hung.*, **32**: 138 (*Spheginoides*, as *obscura*). Type-locality: "Kőrösmező, Nordostungarn" [= Yassinya, Carpatians] (USSR).—Distr.: Europe: H; USSR: CET (Sverdlovsk region), SET (Uk: Carpatians), WS (Altai, Sayan), ES (Pribaikalye), FE (Khabarovsk and Primorye Territories).

Tribe Sericomyni**Arctophila SCHINER, 1860**

SCHINER, 1860: *Wien. ent. Mschr.*, **4**: 215.

Type-species: *Syrphus bombiformis* FALLÉN, 1810: *Specim. entom. novam Dipt.*: 25 (des. WILLISTON, 1887: *Bull. U.S. natn. Mus.*, **31**(1886): 158).

bequaerti HERVÉ-BAZIN, 1913: *Bull. Soc. ent. Fr.*, **1913**: 135 (*Arctophila*). Type-locality: "à Rila (Rhilo-Dagh, Bulgarie)".—Distr.: Europe: YU, AL, BG, GR; USSR: SET, TC; Asia: Turkey.

bombiformis (FALLÉN, 1810): *Specim. entom. novam Dipt.*: 25 and *Syrphici Sveciae*, 1817: 16 (*Syrphus*). Type-locality: "in silva Esperôd Scaniae" (Sweden).—Distr.: Europe: N, S, DK, NL, B, D, PL, F, CH, E, I, YU, R, BG; USSR: CET, SET, TC.

mussitans (FABRICIUS, 1776): *Genera insect.*: 306 (*Syrphus*). Type-locality: "Kilonii" [= Kiel] [D].—Distr.: Europe: S, IRE, GB, DK, NL, B, D, PL, CS, F, CH, I, R, BG; USSR: CET.

superbiens (MÜLLER, 1776): *Zool. Danicae Prodomus*: 178 (*Volucella*). Type-localities: "Daniae et Norvegiae (Denmark, Norway).

fulva (HARRIS, [1780]): *Expos. Eng. Ins.*: 80, pl. 24, fig. 22 (*Musca*). Type-locality: "near East Tilbury in Essex" (Great Britain).

Conosyrphus FREY, 1915

FREY, 1915: *Mém. Acad. Sci. Russ.*, (8) **29**(10): 17.

Type-species: *Conosyrphus tolli* FREY, 1915: l.c.: 18 (orig. des.).

toll FREY, 1915: *Mém. Acad. Sci. Russ.*, (8) **29**(10): 18 (*Conosyrphus*). Type-localities: "West-Taymyr, Nordküste, Walter-Bay, Nachtlager 12", "Lena-Mündung, Chara-Ullach-Gebirge" (E Siberia).—Distr.: USSR: NET, N Siberia.

- volucellinus** (PORTSCHINSKY, 1881): Horae Soc. ent. Ross., **16**(1-2): 137 (*Sericomyia*). Type-locality: "Caucasus (Etschmiadzin)" (USSR: Armenia).—Distr.: USSR: TC (Ge, Arm); Asia: Turkey.
guichardi (COE, 1966): Ent. Tidskr., **87**(3-4): 118 (*Sericomyia* (*Conosyrphus*)). Type-locality: "Turkey, Trabzon, Zigana Dagi".

Pararctophila HERVÉ-BAZIN, 1914

HERVÉ-BAZIN, 1914: Rev. Illté d'Entom., Rennes, **41**: 152.

Type-species: *Pararctophila oberthueri* HERVÉ-BAZIN, 1914: l.c.: 152 (mon.).
Syngenicomyia BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 88 (as subgenus of *Arctophila* SCHINER, 1860). Type-species: *Syngenicomyia pellicea* BECKER, 1921: l.c.: 88 (mon.) [= *oberthueri* HERVÉ-BAZIN].

- oberthueri** HERVÉ-BAZIN, 1914: Rev. Illté d'Entom., Rennes, **41**: 152 (*Pararctophila*). Type-locality: "Padong" (Bootan).—Distr.: USSR: ES (Transbaikal), FE; Asia: Mongolia, China; Oriental Region.
simplicipes (BRUNETTI, 1915): Rec. Indian Mus., **11**: 247 (*Arctophila*). Type-locality: "Garhwal District, Kumaon".
pellicea (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 88 (*Syngenicomyia*). Type-locality: "Transbaikal, Tschita" (USSR, E Siberia).

Pseudovolucella SHIRAKI, 1930

SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 39.

Type-species: *Pseudovolucella mimica* SHIRAKI, 1930: l.c.: 40 (orig. des.); not Palaearctic.

- decipiens** (HERVÉ-BAZIN, 1914): Anns Soc. ent. Fr., **83**: 410 (*Arctophila*). Type-locality: "Kumanotaira, près Karuizawa" (Japan).—Distr.: USSR: FE (S Sakhalin, Kunashir, Moneron); Asia: Japan.
jozana (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 205, pl. XVI, fig. 19 (*Arctophila*). Type-locality: "Hokkaido (Sapporo), Honshu (Tokyo)".—Distr.: Asia: Japan (Honshu, Hokkaido).

Sericomyia MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 274.

Type-species: *Musca lappona* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 591 (des. LATREILLE, 1810: Consid. générales, nat. animaux, Paris: 443).

- Cinxia* MEIGEN, 1800: Nouve. Class.: 35. Type-species: *Musca lappona* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 591 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 524). Supressed by I.C.Z.N., 1963, Opinion 678: 339.

- Sericomyza* ZETTERSTEDT, 1838: Insecta Lapp.: 589; unjustified new name for *Sericomyia* MEIGEN, 1803. Type-species: *Musca lappona* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (aut.).
- Bulboscrobia* GAUNITZ, 1937: Ent. Tidskr., 58(1-2): 91. Type-species: *Bulboscrobia undulans* GAUNITZ, 1937: l.c.: 91 (mon.).
- arctica** SCHIRMER, 1913: Wien. ent. Ztg, 32: 221 (*Sericomyia*). Type-locality: "aus Lappland" (Sweden).—Distr.: Europe: S, SF; USSR: NET, N Siberia; Nearctic Region.
- obscurior* (STACKELBERG, 1927): Materialy komissii po izucheniyu Yakutsk. ASSR, 20: 21 (*Cinxia*, as var. of *arctica*). Type-locality: "Gouv. Tobolsk, District Berezovskij".
- dux** (STACKELBERG, 1930): Zool. Anz., 90(3/4): 119 (*Cinxia*). Type-locality: "Ussuri-Gebiet, Sutshan-Distrikt: Tassino, Chualaza".—Distr.: USSR: FE (S Primorye).
- hispanica** PERIS TORRES, 1962: Boln R. Soc. esp. Hist. nat., (B) 60(1): 58 (*Sericomyia*, as *Sericomya*). Type-locality: "Madrid: Cercedilla, Segovia: La Granja" (Spain).—Distr.: Europe: E.
- jakutica** (STACKELBERG, 1927): Materialy komissii po izucheniyu Yakutsk. ASSR, 20: 21 (*Cinxia*). Type-locality: "in der Umgebung des Fleckens Tshochtach, 150 km N von Zhigansk, an der Lena in Yakutien erbeutet" (E Siberia).—Distr.: USSR: ES (Yakutia).
- lappona** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Svecia".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: NET, CET, SMA (Ki), WS, ES, FE; Asia: NE China.
- tricincta* (MÜLLER, 1776): Zool. Danicae Prodrumus: 178 (*Volucella*). Type-locality: not given ("Daniae et Norvegiae") (Denmark, Norway).
- orientalis* (STACKELBERG, 1927): Materialy komissii po izucheniyu Yakutsk. ASSR, 20: 18 (*Cinxia*, as subsp. of *lappona*). Type-locality: "Mandzhurei (Station Kresty) (NE China), Insel Sachalin" (USSR).
- nigra** PORTSCHINSKY, 1873: Horae Soc. ent. ross., 9(3-4): 291 (*Sericomyia*). Type-locality: "Environs d'Irkoutsk" (USSR: E Siberia).—Distr.: Europe: SF; USSR: NET, CET, WS, ES, FE.
- intermedia* (RINGDAHL, 1922): Ent. Tidskr., 43: 179 (*Cinxia* (*Sericomyia*)). Type-locality: "bei Abisko in nördlichem Lappland" (Sweden).
- sachalinica** STACKELBERG, 1926: Annu. Mus. zool. Acad. Sci. USSR, 26(1/2): 92 (*Sericomyia*). Type-locality: "insula Sachalin" (USSR, Sakhalin).—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Hokkaido).
- japonica* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 45 (*Sericomyia*). Type-localities: "Japan (Jozankei, Sapporo und Teshio)" and "Sachalin (Korsakoff, Solowiyofka)" (Sakhalin, USSR).
- nigriceps* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 46 (*Sericomyia*). Type-localities: "Hokkaido (Josankei), Sachalin (Toyohara)" (Japan: Hokkaido); USSR: Sakhalin (Yuzhno-Sakhalinsk).

- silentis** (HARRIS, [1776]): Expos. Eng. Ins.: 59, pl. 15, fig. 14 (*Musca*). Type-locality: not given (England).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, L, D, PL, CS, F, CH, A, E, I, YU, R, BG; USSR: CET, SET, TC, WS, ES, FE; Asia: Japan (Honshu).
- tricincta** (PREYSSLER, 1793): Samml. Physik. Aufsätze, Dresden, 3: 311 (*Syrphus*). Type-locality: "Böhmerwald" [= Šumava Mts] (Czechoslovakia).
- borealis** (FALLÉN, 1816): Syrphici Sveciae: 20 (*Syrphus*). Type-localities: "In pratis Scaniae, Ostrogothiae" (Sweden).
- silentis ciscaucasica** (STACKELBERG, 1927): Materialy komissii po izucheniyu Yakutsk. ASSR, 20: 15 (*Cinxia*, as subsp. of *borealis* FALLÉN). Type-locality: "Nord-Kaukasus, Maikopscher Distrikt im Kubangebiet, Umgegend des Berges Tshechashka, Tal des Fl. Shishi".—Distr.: USSR: SET, TC.
- undulans** (GAUNITZ, 1937): Ent. Tidskr., 58(1–2): 91 (*Bulboscrobia*). Type-locality: "in Småland, Südschweden".—Distr.: Europe: S.

Tribe Eumerini

Eumerus MEIGEN, 1822

- MEIGEN, 1822: Syst. Besch., 3: 202.
Type-species: *Syrphus tricolor* FABRICIUS, 1798: Suppl. entom. syst.: 562 (des. CURTIS, 1839: Brit. Ent., 16: pl. 749).
- Paragopsis** MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 250. Type-species: *Paragopsis griseofasciatus* MATSUMURA, 1916: l.c.: 250 (orig. des.) [= *strigatus* (FALLÉN, 1817)]. [For discussion of nomenclature problems see WIRTH, et al., 1965: 596.]
- acuticornis** SACK, 1933: Ark. Zool., 26 A(1) 6: 8 (*Eumerus*). Type-locality: "aus der Südmongolei" (N China).—Distr.: Asia: China.
- afrarius** SÉGUY, 1961: Mém. Mus. natn. Hist. nat., Paris, (A) Zool., 23: 207 (*Eumerus*). Type-locality: "Algérie: Masséna".—Distr.: North Africa: Algeria.
- alajensis** PECK, 1966: Ent. Obozr., 45(1): 191 (*Eumerus*). Type-locality: Kirghizia, Alay, valley of r. Gulcha, 10 km W of village Gulcha.—Distr.: SMA (Ki).
- alboguttatus** MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 19 (*Eumerus*). Type-locality: "Honshu (Minomo near Osaka)".—Distr.: Asia: Japan (Honshu).
- ammophilus** PARAMONOV, 1927: Trudy fiz.-mat. Vidd. Ukr. Akad. Nauk, 4(4): 323 [= Zbirn. prats zool. Muz. Kiev, 2: 79] (*Eumerus*). Type-locality: "Repetek, Transcaspia" (USSR: Turkmenia).—Distr.: USSR: KZ (south), SMA (Tu).

- ammophilus quadrinotatus** DOESBURG, 1955: *Beaufortia*, **5**(47): 51 (*Eumerus*, as var. of *ammophilus*). Type-locality: "Shyok-Tal, Shokpa Kunglang, ca. 3750 m" (Karakorum).—Distr.: Asia: China (Karakorum).
- amoenus** LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 132 (*Eumerus*). Type-localities: "Rhodus" [= Rhodos] (Greece), "bei Patara" (Turkey), "bei Messina . . . , bei Syrakus . . . , bei Rom" (Italy).—Distr.: Europe: F, CH, E, I, YU, GR; USSR: TC, KZ, SMA (Tu, Ki Tj); Asia: Mongolia, Turkey; North Africa: Morocco, Algeria, Egypt; Canary Is, Azores.
- angustifrons** LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 125 (*Eumerus*). Type-locality: "die Gegend von Adalia" [= Antalya] (Turkey).—Distr.: Asia: Turkey.
- arat** VIOLOVITSH, 1981: *Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15)*: 93 (*Eumerus*). Type-locality: Tuva, . . . Lake Amdajgyn-Khol.—Distr.: USSR: WS (Tuva).
- argyropus** LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 135 (*Eumerus*). Type-localities: "Rhodus" [= Rhodos] (Greece); "die Gegend von Rom" [= environs of Rom] (Italy).—Distr.: Europe: CH, E, I, YU, R, BG, GR; USSR: SET, TC; Asia: Turkey.
- exilipes* RONDANI, 1850: *Annl. Soc. ent. Fr.*, (2) **8**: 121 (*Eumerus*). Type-locality: "in Italia centrali".
- aristatus** PECK, 1969: *Ent. Obozr.*, **48**(1): 209 (*Eumerus*). Type-locality: Kirghizia, valley of r. Gulcha (Alay).—Distr.: USSR: SMA (Ki, Tj).
- arkitensis** PECK, 1969: *Ent. Obozr.*, **48**(1): 208 (*Eumerus*). Type-locality: Kirghizia, Chatkalian mountain ridge, Arkit.—Distr.: USSR: SMA (Ki).
- armenorum** STACKELBERG, 1960: *Ent. Obozr.*, **39**(2): 444 (*Eumerus*). Type-locality: 18 km from Goris to Kafan, canyon of the r. Vorotan, Armenia.—Distr.: USSR: TC (Arm).
- arnoldii** STACKELBERG, 1952: *Trudy zool. Inst., Leningrad.*, **12**: 387 (*Eumerus*). Type-locality: Turkmenia: Repetek.—Distr.: USSR: SMA (Tu).
- bactrianus** STACKELBERG, 1952: *Trudy zool. Inst., Leningr.*, **12**: 388 (*Eumerus*). Type-locality: Khodzha-Obi-Garm, Ghafilabad (Tajikistan).—Distr.: USSR: KZ (south), SMA (Ki, Tj).
- barbarus** (COQUEBERT, 1804): *Illustr. Icon. Insect.*: 117 (*Syrphus*). Type-locality: "Barbaria" (NW Africa).—Distr.: Europe: F, P, E, I; Asia: Lebanon; North Africa: Morocco, Algeria, Tunisia, Egypt.
- australis* MEIGEN, 1838: *Syst. Besch.*, **7**: 110 (*Eumerus*). Type-locality: "Andalusien" (Spain).
- iris* LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 118 (*Eumerus*). Type-locality: "Sicilien, . . . bei Syrakus" [= Syracuse, Sicily] (Italy).
- truquii* RONDANI, 1857: *Dipt. Ital. Prodr.*, **2**: 95 (*Eumerus*). Type-locality: "in pedemontio" [= Piemonte] (Italy).
- truncatus* RONDANI, 1868: *Atti Soc. ital. Sci. nat., Milano*, **11**: 565 and 575 (*Eumerus*). Type-locality: "Ad Nebrodas in Sicilia" [= Nebrodi Mts, Sicily] (Italy).

- basalis** LOEW, 1848: Stettin. ent. Ztg, **9**: 126 (*Eumerus*). Type-locality: "Rhodus" [= Rhodos] (Greece).—Distr.: Europe: F, I, YU, BG, GR; USSR: SET (Crimea); Asia: Turkey, Iran (north).
- angusticornis** RONDANI, 1850: Annls Soc. ent. Fr., (2) **8**: 128 (*Eumerus*). Type-locality: "in Italiae centralis collibus".
- cretensis** SZILÁDY, 1940: Annls hist.-nat. Mus. natn. hung., **33**: 68 (*Eumcrus*). Type-localities: "Amari (Creta)" [= Crete (Kriti)] (Greece), "Smyrna" [= Izmir] (Turkey), "Bulgarien(?)" (Bulgaria).
- bayardi** SÉGUY, 1961: Mém. Mus. natn. Hist. nat., Paris, (A) Zool., **23**: 208 (*Eumerus*). Type-locality: "Basses-Alpes, environs de Sisteron, vallée du Jabron" (France).—Distr.: Europe: F.
- bernhardi** LINDNER, 1969: Bonn. zool. Beitr., **20**(4): 342 (*Eumerus*). Type-locality: "Platamon, Griechenland" (Greece).—Distr.: Europe: GR.
- binominatus** HERVÉ-BAZIN, 1923: Bull. Soc. ent. Fr., **9**: 130 (*Eumerus*, new name for *E. maculipennis* BECKER, 1921, a junior primary homonym of *Eumerus maculipennis* BEZZI, 1915).—Distr.: USSR: SMA (Tu).
- maculipennis** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 67 (*Eumerus*). Type-locality: "Transkaspien" (USSR).
- caballeroi** GIL COLLADO, 1929: Mem. R. Soc. esp. Hist. nat., **12**(6a): 412 (*Eumerus*). Type-locality: "Laguna Guedira, proxima Larache" [= El Araiche] (Morocco).—Distr.: Europe: E; North Africa: Morocco.
- canariensis** BAEZ, 1982: Annali Mus. civ. Stor. nat. Giacomo Doria, **84**: 43 (*Eumerus*). Type-locality: "Fuerteventura, La Matilla" (Canary Is).—Distr.: Canary Is.
- caucasicus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 385 (*Eumerus*). Type-locality: Georgia: Gudauty.—Distr.: USSR: TC (Ge).
- chrysopygus** SACK, 1941: Arb. morph. taxon. Ent. Berl., **8**(3): 190 (*Eumerus*). Type-locality: "Sjaolin" (NE China).—Distr.: USSR: FE (Primorye Territory); Asia: NE China.
- cistanchei** EFFLATOUN, 1926: Bull. Soc. ent. Égypte, **19**: 297 (*Eumerus*). Type-locality: "the South Galala Plateau (Arabian Desert)" (Egypt).—Distr.: North Africa: Egypt.
- claripennis** COE, 1957: Proc. R. ent. Soc. Lond., **26**(3-4): 61 (*Eumerus*). Type-locality: "Macedonia: Lake Ochrid" (Yugoslavia).—Distr.: Europe: YU.
- clavatus** BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 70 (*Eumerus*). Type-locality: "La Marssa bei Tunis" (Tunisia).—Distr.: Europe: R; USSR: CET, SET; North Africa: Tunisia.
- coeruleithorax** PECK, 1969: Ent. Obozr., **48**(1): 205 (*Eumerus*). Type-locality: Southern Kazakhstan, valley of the r. Mashat.—Distr.: USSR: KZ, SMA (Ki).
- coeruleus** (BECKER, 1913): Annu. Mus. zool. Acad. Sci. St.-Petersb., **17**: 602 (*Lampetia*). Type-locality: "Pers.-Beludshistan, vom Bergkegel Kuch-i-tuftan" (Iran).—Distr.: USSR: SMA (Uz, Ki, Tj); Asia: Iran.

- compertus** VILLENEUVE, 1924: Bull. Soc. Hist. nat. Afr. N., **15**: 68 (*Eumerus*). Type-locality: "dunes littorales de Marsa Ksiba, sur la mer Biban, près Ben Gordane" (Tunisia).—Distr.: North Africa: Tunisia.
- djakonovi** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 378 (*Eumerus*). Type-locality: Southern Primorye: Yakovlevka, Spassk district.—Distr.: USSR: ES (Transbaikal), FE (Khabarovsk and Primorye Territories); Asia: Mongolia, Korea.
- dubius** BAEZ, 1982: Annali Mus. civ. Stor. nat. Giacomo Doria, **84**: 47 (*Eumerus*). Type-locality: "Gran Canaria: Fataga" (Canary Is).—Distr.: Canary Is.
- dux** VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 87 (*Eumerus*). Type-locality: Southern Primorye, environs of Spassk.—Distr.: USSR: FE (Primorye Territory).
- efflatouni** (CURRAN, 1938): Am. Mus. Novit., No. **1009**: 12 (*Citabaena*). Type-locality: "Ezbet el Nakhe, Egypt".—Distr.: North Africa: Egypt.
- ehimensis** SHIRAKI et EDASHIGE, 1953: Trans. Shikoku ent. Soc., **3**(5-6): 112 (*Eumerus*). Type-locality: "Omogo Valley, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- elaverensis** SÉGUY, 1961: Mém. Mus. natn. Hist. nat., Paris, (A) Zool., **23**: 209 (*Eumerus*). Type-localities: "Seine-et-Oise: Lardy...; Allier: Brout-Vernet...; Hautes-Pyrénées: Arrens" (France).—Distr.: Europe: F.
- elegantissimus** STACKELBERG, 1930: Konowia, **9**(3): 233 (*Eumerus*). Type-locality: "Ussuri-Gebiet bei Kamenj-Rybolov, am Chanka-See".—Distr.: USSR: FE (Primorye Territory).
- emarginatus** LOEW, 1848: Stettin. ent. Ztg, **9**: 124 (*Eumerus*). Type-locality: "Sicilien, ... bei Syrakus" [= Syracuse, Sicily] (Italy).—Distr.: Europe: CH, I; North Africa: Algeria.
- cavitibus* RONDANI, 1850: Annl. Soc. ent. Fr., (2) **8**: 126 (*Eumerus*). Type-locality: "in colle sub-apennino ditionis parmensis" [= region of Parma] (Italy).
- etnensis** VAN DER GOOT, 1964: Zool. Meddn, **39**: 417 (*Eumerus*). Type-locality: "Italia, Sicilia, Etna, Rifugio Filicium".—Distr.: Europe: I.
- excisus** VAN DER GOOT, 1968: Ent. Ber. Amst., **28**: 219 (*Eumerus*). Type-locality: "France, Corse, Asco, 620 m".—Distr.: Europe: F.
- falsus** BECKER, 1922: Mitt. zool. Mus. Berl., **10**: 352 (*Eumerus*, new name for *E. rubriventris* BECKER, 1921, a junior primary homonym of *Eumerus rubriventris* MACQUART, 1829).—Distr.: USSR: TC, SMA (Tu, Uz, Tj); Asia: Turkey, Israel, Iran.
- rubriventris* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 67 (*Eumerus*). Type-locality: "Syrien vom Carmel Gebirge" [= near Haifa] (Israel).
- latifrons* SACK, 1932: 31. Syrphidae. Fliegen pal. Reg., **4**(4): 403 (*Eumerus*). Type-locality: "Asia minor" (Turkey).
- zarudnyi* STACKELBERG, 1949: Ent. Obozr., **30**(3-4): 431 (*Eumerus*). Type-locality: Iran: Alchorshir, Luristan.

- rufiventris* VAN DER GOOT, 1964: *Beaufortia*, **10**(127): 218 (*Eumerus*, new name for *Eumerus rubriventris* BECKER, 1921).
- ferulae* STACKELBERG, 1965: Ent. Obozr., **64**(4): 916 (*Eumerus*). Type-locality: Uzbekistan: Bukhara region, Shafrikan.—Distr.: USSR: SMA (Uz).
- flavitarsis* ZETTERSTEDT, 1843: Dipt. Scand., **2**: 867 (*Eumerus*). Type-locality: "in Suecia; in Scania semel" (Sweden).—Distr.: Europe: S, SF, DK, NL, B, D, PL, F, CH, A, E, I, YU; USSR: CET, SET, TC, KZ, SMA (Ki), WS (Altai, Tuva), FE (Khabarovsk and Primorye Territories).
- elegans* SCHINER et EGGER, 1853: Verh. zool.-bot. Ver. Wien, **3**: 52 (*Eumerus*). Type-locality: "Brühl nächst Mödling" [= near Vienna] (Austria).
- silesiacus* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 67 (*Eumerus*). Type-locality: "Moisdorf bei Liegnitz" [= near Legnica] (Poland).
- graecus* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 69 (*Eumerus*). Type-locality: "Poros, Griechenland" (Greece).—Distr.: Europe: BG, GR; USSR: TC.
- grandis* MEIGEN, 1822: Syst. Besch., **3**: 203 (*Eumerus*). Type-locality: not given (Europe).—Distr.: Europe: SF, PL, F, A, E, I, R; USSR: TC (Arm); Asia: Mongolia, China.
- annulatus* (PANZER, [1798]): Faunae insect. germ., Fasc. **60**: 11 (*Syrphus*). Type-locality: "Austria". A junior primary homonym of *Syrphus annulatus* FABRICIUS, 1794.
- varius* MEIGEN, 1822: Syst. Besch., **3**: 205 (*Eumerus*). Type-localities: "Frankreich" (France); "Österreich" (Austria).
- grisescens* BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 68 (*Eumerus*). Type-locality: "Transkaspien" (USSR).—Distr.: USSR: SMA (Tu).
- gussakovskii* STACKELBERG, 1949: Ent. Obozr., **30**(3-4): 437 (*Eumerus*). Type-locality: Tajikistan, southern slope of Hissar mountain ridge, Kvak.—Distr.: USSR: SMA (Ki, Tj).
- hispanicus* VAN DER GOOT, 1966: Ent. Ber., Amst., **26**: 181 (*Eumerus*). Type-localities: "España, prov. Teruel, Aguas Amaraguas, 1620 m".—Distr.: Europe: E.
- hissaricus* STACKELBERG, 1949: Ent. Obozr., **30**(3-4): 438 (*Eumerus*). Type-locality: Tajikistan: Stalinabad, Botanical gardens; Hissar, 25 km from Stalinabad [= Dushanbe].—Distr.: USSR: TC (Arm), SMA (Tj, Tu).
- hungaricus* SZILÁDY, 1940: Annl. hist.-nat. Mus. natn. hung., **33**: 69 (*Eumerus*). Type-locality: "Gyón (Mittelungarn) und Szászka" (Hungary and Roumania).—Distr.: Europe: H, R, I.
- iidai* SHIRAKI, 1952: Mushi, **23**(1): 9 (*Eumerus*). Type-locality: "from the Mount Takao, near Tokyo".—Distr.: Asia: Japan (Honshu).
- inopinatus* VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 90 (*Eumerus*). Type-locality: Southern Primorye, Terney, Morozovka.—Distr.: USSR (Primorye Territory).
- interruptus* BECKER, 1907: Z. syst. Hymenopt. Dipterol., **7**: 247 (*Eumerus*). Type-locality: "Sahara, bei Tillis a Mela, Oran" (Algeria).—Distr.: North Africa: Algeria, Tunisia.

- iwatensis** MATSUMURA, 1916: Ent. Mag., Kyoto, **2**(1): 20 (*Eumerus*). Type-locality: "Honshu (Karumai in the Prov. Iwate)".—Distr.: Asia: Japan (Honshu).
- jacobsoni** BECKER, 1913: Annu. Mus. zool. Acad. Sci. St.Petersb., **17**: 603 (*Eumerus*). Type-localities: "Pers.-Beludshistan, Kirman zwischen Dechi-Pabid und Chasyk... und vom Bergkegel Kuch-i-tuftan" (Iran).—Distr.: USSR: SMA (Tu, Tj); Asia: Iran, Afghanistan.
- japonicus** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 195, pl. XVI, fig. 11; and Ent. Mag., Kyoto, **2**(1): 18 (*Eumerus*). Type-locality: "Honshu (Kyoto)".—Distr.: USSR: FE (Sakhalin, Primorye Territory); Asia: Korea, Japan (Honshu, Shikoku).
- kazanovskya** PARAMONOV, 1927: Societas ent., **42**: 15 (*Eumerus*). Type-locality: "Ordubad" (USSR: Armenia).—Distr.: USSR: TC (Arm).
- kirgizorum** PECK, 1966: Ent. Obozr., **45**(1): 191 (*Eumerus*). Type-locality: Kirghizia, valley of the r. Gulcha, 10 km W of village Gulcha.—Distr.: USSR: SMA (Ki).
- kondarensis** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 382 (*Eumerus*). Type-locality: Hissar mountain ridge, Kondara (Tajikistan).—Distr.: USSR: KZ, SMA (Ki, Tj, Uz).
- kongosanensis** SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 93 (*Eumerus*). Type-locality: "Korea (Kongosan)".—Distr.: Asia: Korea.
- kozlovi** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 374 (*Eumerus*). Type-locality: Mongolia between Dzonta-Khuduk and Erdynentologoi.—Distr.: Asia: Mongolia.
- latitarsis** MACQUART in WEBB and BERTHELOT, 1839: Hist. nat. Canaries, Ent., **2**(2): 108 (*Eumerus*). Type-locality: "Iles Canaries"—Distr.: Canary Is.
- luteifrons** SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 130 (*Eumerus*, as var. of *latitarsis*). Type-locality: "isla de La Palma, en el litoral de los pueblos de Puntallana y Breña-baja" (Canary Is).
- maculicornis** SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 130 (*Eumerus*, as var. of *latitarsis*). Type-localities: "islas de Tenerife y La Palma" (Canary Is).
- longicornis** LOEW, 1855: Verh. zool.-bot. Ver. Wien, **5**: 695 (*Eumerus*). Type-locality: "Ungarn" (Hungary).—Distr.: Europe: H; USSR: TC.
- longitarsis** PECK, 1979: Trudy vses. ent. Obshch., **61**: 191 (*Eumerus*). Type-locality: Tajikistan, Hissarian mountain ridge, canyon Takob.—Distr.: USSR: SMA (Tj).
- lucidus** LOEW, 1848: Stettin. ent. Ztg, **9**: 134 (*Eumerus*). Type-locality: "Rhodus" [= Rhodos] (Greece).—Distr.: Europe: GR; USSR: SMA (Tu, Uz, Tj).
- lunatus** (FABRICIUS, 1794): Ent. syst., **4**: 296 (*Syrphus*). Type-locality: "Barbaria" [= NW Africa].—Distr.: Europe: YU; North Africa: Morocco.
- macrocerus** WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., **2**: 113 (*Eumerus*). Type-locality: "China".—Distr.: Asia: China; Oriental Region.

- melotus** (SÉGUY, 1941): *Annls Soc. ent. Fr.*, **110**: 13 (*Lampetia*). Type-locality: "Agadir" (Morocco).—Distr.: North Africa: Morocco.
- merodonoides** STACKELBERG, 1964: *Zool. Zh.*, **43**(3): 469 (*Eumerus*). Type-locality: Megri on the r. Araks, Kaladash (Armenia).—Distr.: USSR: TC (Arm).
- mesasiaticus** STACKELBERG, 1949: *Ent. Obozr.*, **30**(3-4): 435 (*Eumerus*). Type-locality: Derekul, left bank of the lower stream of the r. Vakhsh, Southern Tajikistan.—Distr.: USSR: SMA (Tj); Asia: Mongolia.
- micans** (FABRICIUS, 1798): *Suppl. entom. syst.*: 562 (*Syrphus*). Type-locality: "in Europa australiori" [= Southern Europe].—Distr.: Europe: F, P, E; North Africa.
- mongolicus** STACKELBERG, 1974: *Ent. Obozr.*, **53**(2): 445 (*Eumerus*). Type-locality: Mongolia, Kobdos aimak, Elkhon, 20 km SO Altai on Bodonchi.—Distr.: Asia: Mongolia.
- montivagus** PECK, 1985: *Ent. Obozr.*, **64**(2): 396 (*Eumerus*, new name for *E. rufiventris* PECK, 1969, a junior primary homonym of *Eumerus rufiventris* VAN DER GOOT, 1964).—Distr.: USSR: SMA (Ki).
- rufiventris* PECK, 1971: *Ent. Obozr.*, **50**(3): 701 (*Eumerus*). Type-locality: Kirghizia, Tien Shan, Sandalash Mts, environs of the Lake Ak-Kul.
- mucidus** BEZZI, 1921: *Broteria (Zool.)*, **19**: 16 (*Eumerus*). Type-locality: "Tatahonina (Africa sept.?)".—Distr.: North Africa: Egypt.
- narcissi** SMITH, 1928: *Pan-Pacif. Ent.*, **4**(3): 139 (*Eumerus*). Type-locality: "Santa-Cruz, California".—Distr.: Europe; Nearctic Region.
- nebrosdesius** RONDANI, 1968: *Atti Soc. ital. Sci. nat., Milano*, **11**: 564 and 575 (*Eumerus*). Type-locality: "In Sicilia ad Nebrosdes" [= Nebrodi Mts, Sicily] (Italy).—Distr.: Europe: I.
- nigrifacies** BECKER, 1921: *Mitt. zool. Mus. Berl.*, **10**: 66 (*Eumerus*). Type-locality: "Transkaspien" (USSR).—Distr.: USSR: SMA (Tu, Uz, Ki).
- nigrostriatus** LAMBECK, 1973: *Genen en Phaenen*, **16**(2): 28 (*Eumerus*). Type-locality: "Italia, Sicilia, 3 km south of Belpasso, 400 m".—Distr.: Europe: I.
- nivariae** BAEZ, 1982: *Annali Mus. civ. Stor. nat. Giacomo Doria* **84**: 45 (*Eumerus*). Type-locality: "Tenerife: Los Gigantes" (Canary Is).—Distr.: Canary Is.
- niveitibia** BECKER, 1921: *Mitt. zool. Mus. Berl.*, **10**: 69 (*Eumerus*). Type-locality: "Griechenland, Parnass" (Greece).—Distr.: Europe: GR; USSR: TC.
- nudus** LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 117 (*Eumerus*). Type-locality: "Sicilien, . . . bei Syrakus" [= Syracuse, Sicily] (Italy).—Distr.: Europe: F, E, I, YU; Asia: Turkey; North Africa: Algeria.
- ruficauda* BIGOT, 1884: *Annls Soc. ent. Fr.*, (6) **3**: 539 (*Eumerus*). Type-locality: "Alger" (Algeria).
- obliquus** (FABRICIUS, 1805): *Syst. antl.*: 194 (*Milesia*). Type-locality: "Guinea".—Distr.: Europe: A, I; North Africa: Egypt; Afrotropical Region.
- cilitarsis* LOEW, 1848: *Stettin. ent. Ztg.*, **9**: 120 (*Eumerus*). Type-locality: "angeblich Oesterreich" (Austria).
- crassitarsis* COSTA, 1884: *Rc. Accad. Sci., fis. mat., Napoli*, **23**(12): 173 and *Atti Accad. Sci. fis. mat., Napoli*, (2^a) **2**(13): 30 and *Bull. Soc. ent. ital.*,

- 17(1885): 254 (*Eumerus*). Type-localities: "vicinanze di Oristano e . . . campagna di Samassi" [= Oristano and Samaxis: Sardinia] (Italy).
- okinawaensis** SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 98 (*Eumerus*). Type-localities: "Okinawa (Naha, Yayeyama, Haibara), Japan (Oshima-Kagoshima) und Formosa (Kotosho)"—Distr.: Asia: Japan; Oriental Region.
- okinawellus** MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 17, pl. I, fig. 13 (*Eumerus*). Type-locality: "Okinawa" [= Ryukyu Islands].—Distr.: Asia: Japan (Kyushu, Ryukyu).
- olivaceus** LOEW, 1848: Stettin. ent. Ztg, 9: 116 (*Eumerus*). Type-locality: "Sicilien" [= Sicily] (Italy).—Distr.: Europe: F, E, I, YU, BG.
- alpinus* RONDANI, 1857: Dipt. Ital. Prodrum, 2: 91 (*Eumerus*). Type-locality: "in alpinis pedemontanis" [= Alps of Piemonte] (Italy).
- ornatus** MEIGEN, 1822: Syst. Besch., 3: 205 (*Eumerus*). Type-locality: not given ("In hiesiger Gegend") (?Stolberg near Aachen) [D].—Distr.: Europe: S, GB, DK, NL, B, D, CS, F, CH, A, H, R, I, YU; USSR: CET, SET, TC; North Africa: Egypt.
- fumipennis* CURTIS, 1839: Brit. Ent., 8: 749 (*Eumerus*). Type-locality: "Norfolk" (Great Britain).
- leucopyga* BECKER, 1921: Mitt. zool. Mus. Berl., 10: 69 (*Eumerus*). Type-locality: "Premol, Dauphinée, Frankreich" (France).
- ovatus** LOEW, 1848: Stettin. ent. Ztg, 9: 109 (*Eumerus*). Type-locality: "Mittel-europa".—Distr.: Europe: D, PL, CS, F, CH, A, E, I, YU; USSR: CET, SET.
- bicolor* (RONDANI, 1857): Dipt. Ital. Prodrum, 2: 89 (*Merodon*). Type-locality: "in alpinis pedemontanis" [= Alps of Piemonte] (Italy).
- palaestinensis** STACKELBERG, 1949: Ent. Obozr., 30(3-4): 434 (*Eumerus*). Type-locality: Palestine: Jerusalem.—Distr.: Asia: Jerusalem, Jordan.
- pallidifrons** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 70 (*Eumerus*). Type-locality: "Syrien, vom Karmel Gebirge" [= near Haifa] (Israel).—Distr.: Asia: Israel.
- pamirorum** STACKELBERG, 1949: Ent. Obozr., 30(3-4): 427 (*Eumerus*). Type-locality: environs of Khorog, Western Pamir, Rushan mountain ridge (Tajikistan).—Distr.: USSR: SMA (Ki, Tj).
- pauper** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 71 (*Eumerus*). Type-locality: "Spanien" (Spain).—Distr.: Europe: E; USSR: SET.
- pavlovskii** STACKELBERG, 1964: Zool. Zh., 43(3): 470 (*Eumerus*). Type-locality: Armenia, Vedi district, Khosrovskiy les.—Distr.: USSR: TC (Arm).
- persarum** STACKELBERG, 1961: Trudy vses. ent. Obshch., 48: 223 (*Eumerus*). Type-locality: Bampur, Iranian Beludzhistan.—Distr.: Asia: Iran.
- persicus** STACKELBERG, 1949: Ent. Obozr., 30(3-4): 433 (*Eumerus*). Type-locality: Northern Iran: Demavend.—Distr.: USSR: TC (Arm); Asia: Iran.
- pulchellus** LOEW, 1848: Stettin. ent. Ztg, 9: 130 (*Eumerus*). Type-localities: "auf Rhodus" [= Rhodos] (Greece), "bei Furnas und Makri" (Greece), "auf

Léros und Syra" [= Léros and Syros] (Greece), "bei Syrakus, bei Rom" [= Syracuse and Roma] (Italy).—Distr.: Europe: F, P, E, I, M, YU, GR; Asia: Turkey; North Africa: Morocco, Algeria; Canary Is.

delicatae RONDANI, 1850: Annl's Soc. ent. Fr., (2) 8: 127 (*Eumerus*). Type-locality: "insula Melita" [= Malta].

punctifrons LOEW, 1857: Verh. zool.-bot. Ver. Wien, 7: 85 (*Eumerus*). Type-locality: "Syrien" (Syria).—Distr.: Asia: Syria, Afghanistan; North Africa: Morocco, Algeria, Tunisia.

purpurariae BAEZ, 1982: Annali Mus. civ. Stor. nat. Giacomo Doria, 84: 48 (*Eumerus*). Type-locality: "Fuerteventura: Tetir" (Canary Is).—Distr.: Canary Is.

purpureus MACQUART in WEBB and BERTHELOT 1839: Hist. nat. Canaries, Ent., 2(2): 108 (*Eumerus*). Type-locality: "Iles Canaries".—Distr.: Madeira, Canary Is.

pusillus LOEW, 1848: Stettin. ent. Ztg, 9: 133 (*Eumerus*). Type-localities: "Ostküste Kleinasien, die griechischen Inseln".—Distr.: Europe: P, E, I, GR; Asia: Turkey; North Africa: Algeria, Tunisia.

quadriguttatus MATSUMURA, 1916: Ent. Mag., Kyoto, 2(1): 18 (*Eumerus*). Type-locality: "Kiushu (Kumamoto)".—Distr.: Asia: Japan (Kyusyu).

reichardti STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 383 (*Eumerus*). Type-locality: East Pamir: Sarykol mountain ridge.—Distr.: USSR: SMA (Ki, Tj); Asia: Afghanistan.

rezvoi STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 386 (*Eumerus*). Type-locality: Northern Kazakhstan: Atbasar.—Distr.: USSR: KZ.

richteri STACKELBERG, 1960: Ent. Obozr., 39(2): 446 (*Eumerus*). Type-locality: "Lyaketag, Dzhulfa district, Nakhichevan ASSR" (Azerbaijan).—Distr.: USSR: TC (Nakhichevan ASSR).

roborovskii STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 398 (*Eumerus*). Type-locality: China: Bugas near Khami, Sinkiang.—Distr.: USSR: SMA (Ki, Tj, Uz); Asia: China (Sinkiang).

rubescens VILLENEUVE, 1912: Bull. Soc. Amis Sci. nat. Rouen, 47(1911): 6 (*Eumerus*). Type-locality: "Aïn-Fidjé Anti-Liban".—Distr.: Asia: Syria, Lebanon.

ruficornis MEIGEN, 1822: Syst. Besch., 3: 206 (*Eumerus*). Type-locality: not given (?Stolberg near Aachen) [D].—Distr.: Europe: S, SF, DK, D, PL, F, E, I, YU, R, BG; USSR: CET, SET; North Africa: Algeria.

barbiventris RONDANI, 1850: Annl's Soc. ent. Fr., (2) 8: 124 (*Eumerus*). Type-locality: "in Italiae centralis collibus".

rufipilus PECK, 1969: Ent. Obozr., 48(1): 207 (*Eumerus*). Type-locality: Kirghizia, valley of r. Gulcha (Alay), 10 km W village Gulcha.—Distr.: USSR: SMA (Ki).

rufomaculatus PECK, 1966: Ent. Obozr., 45(1): 192 (*Eumerus*). Type-locality: Kirghizia, valley of r. Sary-Dzhaz.—Distr.: USSR: SMA (Ki).

rushanicus STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 380 (*Eumerus*). Type-localities: Tajikistan: Hissar mountain ridge, Kondara; Khorog,

- West Pamir, southern slope of Rushan mountain ridge.—Distr.: USSR: SMA (Ki, Tj).
- rusticus** SACK, 1932: 31. Syrphidae, Fliegen pal. Reg., 4(4): 414 (*Eumerus*). Type-locality: "Asia Minor" (Turkey).—Distr.: USSR: SMA (Tu); Asia: Turkey.
- sabulonum** (FALLÉN, 1817): Syrphici Sveciae: 61 (*Pipiza*). Type-localities: "Engelholm et Stenshufvud Scaniae" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, F, CH, A, E, I, YU, R; USSR: CET; North Africa: Morocco, Algeria.
- selene** MEIGEN, 1822: Syst. Besch., 3: 210 (*Eumerus*). Type-locality: not given (Europe).
- rubriventris** MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 267 and Ins. Dipt., 4: 119 (*Eumerus*). Type-locality: "Nord de la France".
- litoralis** CURTIS, 1839: Brit. Ent., 8: 749 (*Eumerus*). Type-locality: "on the sand hills near Christchurch" (Great Britain).
- santosabreui** BAEZ, 1982: Annali Mus. civ. Stor. nat. Giacomo Doria, 84: 50 (*Eumerus*, new name for *E. auratus* SANTOS ABREU, 1924, a junior primary homonym of *Eumerus auratus* WALKER, 1857).—Distr.: Canary Is.
- auratus** SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 133 (*Eumerus*). Type-locality: "La Palma" (Canary Is).
- sarybulunis** PECK, 1972: Ent. Obozr., 51(3): 652 (*Eumerus*). Type-locality: Kirghizia, Sary-Bulun.—Distr.: USSR: SMA (Ki).
- selevini** STACKELBERG, 1949: Ent. Obozr., 30(3–4): 429 (*Eumerus*). Type-locality: Kazakhstan: NW part of Betpakdala, Kendyrylyk.—Distr.: USSR: KZ, SMA (Tu, Uz, Ki).
- deserticola** STACKELBERG, 1949: Ent. Obozr., 30(3–4): 431 (*Eumerus*). Type-locality: Uzbekistan (Karakalpakiya): Priaralskie Kara-Kumy, Dzhusgun-Dzhatyl-Chagyr (USSR: Uzbekistan).
- sibiricus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 391 (*Eumerus*). Type-locality: Pribaikalye: valley of the r. Belaya.—Distr.: USSR: ES (Pribaikalye).
- sicilianus** VAN DER GOOT, 1964: Zool. Meddn, 39: 422 (*Eumerus*). Type-locality: "Italia, Sicilia, Syracusa, Fonte Ciane".—Distr.: Europe: I.
- sinuatus** LOEW, 1855: Verh. zool.-bot. Ver. Wien, 5: 692 and 693 (*Eumerus*). Type-locality: "Wien" (Austria).—Distr.: Europe: CS, A; USSR: KZ (north), WS.
- smirnovi** STACKELBERG, 1949: Ent. Obozr., 30(3–4): 436 (*Eumerus*). Type-locality: Middle Asia: Ak-Tash near Tashkent (Uzbekistan).—Distr.: USSR: SMA (Uz).
- sogdianus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 390 (*Eumerus*). Type-locality: Tajikistan: Stalinabad [= Dushanbe], valley of the r. Kafirnighan.—Distr.: USSR: CET (Li), TC (Ge), KZ, SMA (Tu, Ki, Uz, Tj); Asia: Mongolia, China (Ghashunskoe Gobi, E Tsaidam).

- stackelbergi** PECK, 1971: Ent. Obozr., **50**(3): 702 (*Eumerus*). Type-locality: Kirghizia, Tien Shan, Sary-Bulun.—Distr.: USSR: SMA (Ki, Tj).
- strigatus** (FALLÉN, 1817): Syrphici Sveciae: 61 (*Pipiza*). Type-localities: "Vestrogothia; et in Scania" [= prov. Västergötland and prov. Skåne] (Sweden).—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; USSR: NET, CET, SET, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia, China, Japan; North Africa: Morocco, Algeria; Azores; Nearctic Region (immigrant).
- funeralis* MEIGEN, 1822: Syst. Besch., **3**: 208 (*Eumerus*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D]; "Österreich" (Austria).
- grandicornis* MEIGEN, 1822: Syst. Besch., **3**: 208 (*Eumerus*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].
- lumulatus* MEIGEN, 1822: Syst. Besch., **3**: 209 (*Eumerus*). Type-locality: "Oesterreich" (Austria).
- planifrons* MEIGEN, 1822: Syst. Besch., **3**: 209 (*Eumerus*). Type-locality: not given (Europe).
- aeneus* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 269 and Ins. Dipt., **4**: 121 (*Eumerus*). Type-locality: "Nord de la France".
- melanopus* RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 90 (*Eumerus*). Type-locality: "in collibus dittonis parmensis... in Etruria" [= region of Parma and Toscana] (Italy).
- rufitarsis* STROBL, 1906: Mems R. Soc. esp. Hist. nat., **3**: 329 (*Eumerus*, as var. of *lumulatus*). Type-locality: "Villa Rutis" (Spain).
- griseofasciatus* (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 250, pl. 17, fig. 25 (*Paragopsis*). Type-locality: "Hokkaido (Sapporo)".
- sulcitibius** RONDANI, 1868: Atti Soc. ital. Sci. nat., Milano, **11**: 24 (*Eumerus*). Type-locality: "ditio parmensis" [= region of Parma] (Italy).—Distr.: Europe: I; USSR: SET (Crimea), TC (Az).
- tadzhikorum** STACKELBERG, 1949: Ent. Obozr., **30**(3–4): 429 (*Eumerus*). Type-locality: Tajikistan: Hissar mountain ridge, Kvak, Ziddy.—Distr.: USSR: KZ (south), SMA (Tu, Uz, Ki, Tj).
- tarsalis** LOEW, 1848: Stettin. ent. Ztg., **9**: 113 (*Eumerus*). Type-locality: "Mitteleuropa".—Distr.: Europe: B, D, PL, F, CH, A, E, R; USSR: CET, SET, TC (Arm), ES; Asia: Mongolia; North Africa: Algeria.
- tauricus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 375 (*Eumerus*). Type-locality: Crimea: Staryi Krym.—Distr.: USSR: SET (Crimea).
- terminalis** SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 136 (*Eumerus*). Type-locality: "La Palma, en la Dehesa de la Encarnación" (Canary Is).—Distr.: Canary Is.
- tjanshanicus** PECK, 1972: Ent. Obozr., **51**(3): 650 (*Eumerus*). Type-locality: Kirghizia, Sary-Bulun.—Distr.: USSR: SMA (Ki); Asia: Mongolia.
- transcaspicus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., **12**: 393 (*Eumerus*). Type-locality: Turkmenia: Kaahka.—Distr.: USSR: SMA (Tu).

- tricolor** (FABRICIUS, 1798): Suppl. entom. syst.: 563 (*Syrphus*). Type-locality: "Helvetia" (Switzerland).—Distr.: Europe: NL, D, PL, F, CH, A, H, E, I, YU, R, BG; USSR: CET, SET, TC (Arm), KZ (south), SMA (Uz, Ki), WS.
- tshatkalensis** PECK, 1971: Ent. Obozr., 50(3): 699 (*Eumerus*). Type-locality: Kirghizia, Pskemian mountain ridge, canyon Kara-Korum.—Distr.: USSR: SMA (Ki).
- tuberculatus** RONDANI, 1857: Dipt. Ital. Prodrumus, 2: 93 (*Eumerus*). Type-locality: not given (?Italy).—Distr.: Europe: N, S, SF, GB, DK, NL, B, D, PL, F, CH, A, H, I, YU; USSR: NET, CET, SET, TC, KZ, SMA (Tu, Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region (immigrant).
- tugajorum** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 392 (*Eumerus*). Type-locality: Southern Tajikistan: Staraya Pristan near Dzhilikul on the r. Vakhsh.—Distr.: USSR: SMA (Tj, Tu).
- turanicola** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 396 (*Eumerus*). Type-localities: Tajikistan: Stalinabad [= Dushanbe]; Hissar mountain ridge: Varzob, Kondara; Dzhorf, Darvaz.—Distr.: USSR: SMA (Tu, Tj); Asia: Mongolia.
- turanicus** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 395 (*Eumerus*). Type-locality: Tajikistan: Hissar mountain ridge, Kondara, Ziddy.—Distr.: USSR: SMA (Ki, Tj).
- turkmenorum** PARAMONOV, 1927: Trudy fiz.-mat. Vid. Ukr. Akad. Nauk, 4(4): 324 [= Zbirn. prats zool. Muz. Kiev, 2: 80] (*Eumerus*). Type-locality: Repetek, Transcaspia (USSR: Turkmenia).—Distr.: USSR: KZ, SMA (Tu, Uz, Tj).
- uncipes** RONDANI, 1850: Anns Soc. ent. Fr., (2) 8: 123 (*Eumerus*). Type-locality: "in agro parmense" [= Parma] (Italy).—Distr.: Europe: F, I, R.
- urartorum** STACKELBERG, 1960: Ent. Obozr., 39(2): 445 (*Eumerus*). Type-locality: 18 km from Goris, canyon of the r. Vorotan, Armenia.—Distr.: USSR: TC (Arm).
- ursiculus** STACKELBERG, 1949: Ent. Obozr., 30(3–4): 427 (*Eumerus*). Type-locality: Tajikistan: Hissar mountain ridge, Ruidasht.—Distr.: USSR: KZ (Aksu-Dzhabagly), SMA (Uz, Ki, Tj).
- ussuriensis** STACKELBERG, 1952: Trudy zool. Inst., Leningr., 12: 376 (*Eumerus*). Type-locality: Southern Primorye: Yakovlevka, Spassk district.—Distr.: USSR: FE (Khabarovsk and Primorye Territories).
- vestitus** BEZZI, 1912: Annali Mus. civ. Stor. nat. Genova, 45: 442 (*Eumerus*). Type-locality: "Guinea portoghese: Rio Cassine" (Guinea-Bissau).—Distr.: North Africa: Egypt; Afrotropical Region (Guinea-Bissau, Sudan).

Doubtful species of *Eumerus*

- acanthodes* (ROSSI, 1794): Mantissa insect, 2: 63 (*Syrphus*). Type-locality: "Etruria" [= Toscana] (Italy).
spinipes (ROSSI, 1794): Mantissa insect, 2: 143, pl. VI, fig. L (*Syrphus*); erroneous subscription of figure.

- fucatus* RONDANI, 1868: Atti Soc. ital. Sci. nat., Milano, **11**: 564 and 575 (*Eumerus*). Type-locality: "It. sup. Parmae coll." [= region of Parma] (Italy).
- fugitivus* (ROSSI, 1790): Fauna Etrusca, **2**: 297 (*Syrphus*). Type-locality: "in provinciis Florentina et Pisana" [= prov. Firenze and Pisa] (Italy).
- fulvicornis* MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 528 (*Eumerus*, new name for *E. ruficornis* MACQUART, 1829, a junior primary homonym of *Eumerus ruficornis* MEIGEN, 1822).
- ruficornis* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 269 and Ins. Dipt., **4**: 121 (*Eumerus*). Type-locality: "Normandie" (France).
- immarginatus* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827–1828**: 268 and Ins. Dipt., **4**: 120 (*Eumerus*). Type-locality: "Nord de la France".
- lasiops* RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 92 (*Eumerus*). Type-locality: "in agri parmensis" [= region of Parma] (Italy).
- lateralis* (ZETTERSTEDT, 1819): K. svenska VetenskAkad. Handl., **1**: 83 (*Pipiza*). Type-locality: "Pa Öland vid Glömminge" [= Öland Is] (Sweden).
- lejops* RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 94 (*Eumerus*). Type-localities: "in collibus sub-apenninis parmensis, et alterum ab Etruria" [= region of Parma and Toscana] (Italy).
- mixtus* (PANZER, [1798]): Faunae insect. germ., Fasc. **60**: 8 (*Syrphus*). Type-locality: "Austria".

Merodon MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 274.

Type-species: *Syrphus clavipes* FABRICIUS, 1781: Species insect.: 427 (des. WESTWOOD, 1840, Synopsis: 137).

Lampetia MEIGEN, 1800: Nouve. Class.: 34 (originally without included species).

Suppressed by I.C.Z.N. 1963, Opinion 678: 339. Type-species: *Syrphus clavipes* FABRICIUS, 1781: Species insect.: 427 ("curvipes" of MEIGEN) (des. COQUILLET, 1910: Proc. U.S. nat. Mus., **37**: 557).

Exmerodon BECKER, 1913: see below as subgenus.

Subgenus EXMERODON BECKER, 1913

BECKER, 1913: Annu. Mus. zool. Acad. Sci. St.-Pétersb., **17**: 604 (as subgenus of *Merodon* MEIGEN, 1803).

Type-species: *Exmerodon fulcratus* BECKER, 1913: l.c.: 604 (mon.).

dichopticus STACKELBERG, 1968: Ent. Obozr., **47**(1): 230 (*Merodon* (*Exmerodon*)).

Type-locality: Nasirvaz, Ordubad district, Nakhichevan ASSR (Azerbaijan).—Distr.: USSR: TC (Az).

fulcratus (BECKER, 1913): Annu. Mus. zool. Acad. Sci. St.-Pétersb., **17**: 604 (*Exmerodon*). Published in April 1913. Type-localities: "Chorossan, Gerri-rud, Landschaft Bechars" (Iran); "Cilicisches Taurus" (Turkey).—Distr.: USSR: TC; Asia: Turkey, Iran.

fulcratus SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 437 (*Merodon*). Published in August 1913. Type-locality: "Klein-Asien" (Turkey).

fulcratus rufitarsis SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 438 (*Merodon*, as var. of *fulcratus*). Type-locality: "Altai" (USSR).—Distr.: USSR: WS (Altai).

Subgenus MERODON MEIGEN, 1803

- aberrans** EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 664 (*Merodon*). Type-locality: "Austria".—Distr.: Europe: D, CS, CH, A, E, I, YU, R, BG; USSR: CET, SET, TC.
- obscuripennis* PALMA, 1863: Annali Accad. Aspir. Natur. Napoli, (3) **3**: 47 (*Merodon*). Type-locality: "Sanseverino, Monte Vergine" [= near Naples] (Italy).
- knerii* MIK, 1867: Verh. zool.-bot. Ges. Wien, **17**: 415 (*Merodon*). Type-locality: "Halicia".
- aberrans flavitibius** PARAMANOV, 1925: Encycl. ent. (B II) Dipt., **2**(3): 153 (*Merodon*, as var. of *aberrans*). Type-locality: "Armenia" (USSR, Transcaucasus).—Distr.: USSR: TC (Arm).
- abruzzensis** (VAN DER GOOT, 1969): Ent. Ber., Amst., **29**: 95 (*Lampetia*). Type-locality: "Italia, prov. Aquila, Albergo Gran Sasso, 2000–2300 m".—Distr.: Europe: I.
- aeneus** MEIGEN, 1822: Syst. Besch., **3**: 367 (*Merodon*). Type-locality: "Österreich" (Austria).—Distr.: Europe: B, D, PL, F, CH, A, E, I, YU, R, BG; USSR: TC (Arm); North Africa: Morocco, Algeria.
- pumilus* MACQUART in LUCAS (ed.) 1849: Explor. scient. Algérie, Zool., **3**: 466 (*Merodon*). Type-locality: "environs de Constantine" [= environs of Constantina] (Algeria).
- osmioides* PERRIS, 1852: Anns Soc. linn. Lyon, **5**: 201 (*Merodon*). Type-locality: "la Lande" (France).
- aerarium* RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 60 (*Merodon*). Type-locality: "in apennino parmensis" [= environs of Parma] (Italy).
- unicolor* STROBL, 1909: Verh. zool.-bot. Ges. Wien, **59**: 202 (*Merodon*, as var. of *aeneus*). Type-locality: "Escorial" (Spain).
- crassitarsatus* GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat., Madr., **54**: 262 (*Merodon*, as var. of *aeneus*). Type-locality: "San Rafael" (Spain).
- fulvus* GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat., Madr., **54**: 262 (*Merodon*, as var. of *aeneus*). Type-locality: "Arenas de San Pedro" (Spain).
- affinis** GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat., Madr., **54**: 255 (*Merodon*). Type-locality: "Escorial" (Spain).—Distr.: Europe: E.
- alagoezicus** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., **2**(3): 151 (*Merodon*). Type-locality: "Inaklu, Bez. Etschmiadzin, Gouv. Eriwan (Armenien), südlicher Bergabhang des Alagöz" (USSR: Armenia).—Distr.: USSR: TC (Arm).
- albifrons** MEIGEN, 1822: Syst. Besch., **3**: 359 (*Merodon*). Type-locality: "Lyon" (France).—Distr.: Europe: F, CH, A, H, E, I, YU, BG; USSR: SET (Crimea), TC (Az); North Africa: Algeria.
- varius* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **4**: 258 and 262 (*Merodon*). Type-locality: "Italia centrale" (Italy).

- alexjei** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., 2(3): 155 (*Merodon*). Type-locality: "Kochanowka, Bez. Balta, Gouv. Odessa (Ucraina)".—Distr.: USSR: SET (Uk), WS (Altai, Tuva, Sayan).
- andalusiacus** PARAMONOV, 1929: Trudy fiz.-mat. Vidd. vseukr. Akad. Nauk, 13(1): 185 [= Zbirn. prats zool. Muz., Kiev, 7: 187] (*Merodon*). Type-locality: "Andalusia" (Spain).—Distr.: Europe: E.
- annulatus** (FABRICIUS, 1794): Entom. syst., 4: 296 (*Syrphus*). Type-locality: "Gallia" (France).—Distr.: Europe: F, E, I; USSR: TC.
- armipes** RONDANI, 1843: Revue zool., 6: 43 and Mag. Zool., Paris, 1845: 154 (*Merodon*). Type-locality: "Parmensis prope torrentem" [= region of Parma] (Italy).—Distr.: Europe: CS, F, CH, I, YU, BG; USSR: SET (Crimea); Asia: Iran; North Africa: Algeria.
- arrasus** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 54 (*Merodon*). Type-locality: "Tanger" [= Tangier] (Morocco).—Distr.: Europe: F; North Africa: Morocco, Algeria.
- amaryllidis* VILLENEUVE, 1934: Revue fr. Ent., 1: 182 (*Merodon (Lampetia)*). Type-locality: "Rouiba (Algérie)".
- aureus** FABRICIUS, 1805: Syst. antl.: 198 (*Merodon*). Type-locality: "Germania".—Distr.: Europe: D, YU.
- auripes** SACK, 1913: Annls hist.-nat. Mus. natn. hung., 11: 621 (*Merodon*). Type-locality: "Szászkaánya (Südungarn)" [= Saska-Romyne] (Roumania).—Distr.: Europe: H, R, YU.
- auripilus** MEIGEN, 1830: Syst. Besch., 6: 354 (*Merodon*). Type-localities: "Mogador und wahrscheinlich auch im südlichen Europa" [= Essaouira, Morocco and ?South Europe].—Distr.: Europe: F; North Africa: Morocco, Algeria.
- avidus** (ROSSI, 1790): Fauna Etrusca, 2: 292 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= provinces Firenze and Pisa] (Italy).—Distr.: Europe: DK, NL, B, D, PL, F, E, I, YU, AL, R; USSR: TC (Arm); North Africa: Morocco, Algeria, Tunisia.
- rufitibius* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 259 and 265 (*Merodon*). Type-locality: "comune in tutta Italia e comunissimo nello stato di Parma" (Italy).
- graecus* WALKER, 1852: Ins. Saunders., Dipt., 1: 243 (*Merodon*). Type-locality: "Albania".
- batumicus** PARAMONOV, 1927: Trudy fis.-mat. Vidd. vseukr. Akad. Nauk, 4(4): 317 [= Zbirn. prats zool. Muz. Kiev, 2: 73] (*Merodon*). Type-locality: "prope Batum, Transkaukasus".—Distr.: USSR: TC (Ge).
- bessarabicus** PARAMONOV, 1924: Konowia, 2(4/6): 252 and Encycl. ent. (B II) Dipt., 2(3)(1925): 143 (*Merodon*). Type-locality: "Bessarabia (Bezirk Ackerman [= Belgorod-Dnestrovskiy], Dorf Tschobrutsch)" (USSR).—Distr.: Europe: R, YU; USSR: SET (Uk).

- biarcuatus** CURRAN, 1939: Am. Mus. Novit., No. 1025: 6 (*Merodon*). Type-locality: "Forest of Namora, near Robot, Morocco".—Distr.: North Africa: Morocco.
- bolivari** GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat., Madr., 54: 248 (*Merodon*). Type-locality: "Sierra de Guadarrama" (Spain).—Distr.: Europe: E.
- brevis** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., 2(3): 157 (*Merodon*). Type-locality: "Inaklu, Bez. Etschmiadzin, Gouv. Eriwan (Armenien), südlicher Abhang des Alagöz" (USSR: Armenia).—Distr.: USSR: TC (Arm).
- caerulescens** LOEW, 1869: Besch. europ. Dipt., 1: 252 (*Merodon*). Type-locality: "Rhodus" [= Rhodos] (Greece).—Distr.: Europe: GR; North Africa.
- caudatus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 446 (*Merodon*). Type-locality: "Jaffa" (Israel).—Distr.: Asia: Israel.
- caucasicus** PORTSCHINSKY, 1877: Trudy russk. ent. Obshch., 10: 181 (*Merodon*). Type-localities: "Caucasus (Borschom, Mleti)" (USSR: Georgian SSR).—Distr.: Europe: YU; USSR: TC (Ge).
- chalybeatus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 448 (*Merodon*). Type-localities: "Morea and Saloniki" [= Peloponnese and Salonica (Thessaloniki)] (Greece).—Distr.: Europe: R, BG, GR.
- chalybeus** WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 365 (*Merodon*). Type-locality: "Portugall" (Portugal).—Distr.: Europe: A, P, E.
- cinereus** (FABRICIUS, 1794): Entom. syst., 4: 293 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: D, F, CH, I, YU, R, BG; USSR: SET, TC.
- posticatus* MEIGEN, 1822: Syst. Besch., 3: 357 (*Merodon*). Type-locality: "Cenisberge" [= Mont Cenis, on border France with Italy].
- subfasciatus* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 257 and 261 (*Merodon*). Type-locality: "Sicilia" (Italy).
- pudicus* RONDANI, 1857: Dipt. Ital. Prodrum., 2: 56 (*Merodon*). Type-locality: "Pedemontio" [= Piemonte] (Italy).
- atripes* BIGOT, 1884: Anns Soc. ent. Fr., (6) 4, Bull.: CXVI (*Merodon*). Type-locality: "Simplon" (Switzerland).
- clavipes** (FABRICIUS, 1781): Species insect., 2: 427 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: CS, F, CH, A, E, I, YU, R, BG; USSR: SET (Uk); North Africa: Algeria.
- curvipes* (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2871 (*Musca*; unjustified new name for *Syrphus clavipes* FABRICIUS).
- clauda* (VILLERS, 1789): Caroli Linnaei entom., 3: 463 (*Musca*). Type-locality: "Gallia Australiori" (France).
- gravipes* (ROSSI, 1790): Fauna Etrusca, 2: 286 (*Syrphus*). Type-locality: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).
- curvipes* MEIGEN, 1803: Mag. Insektenk., 2: 274 (*Merodon*); error for *Syrphus clavipes* FABRICIUS.
- senilis* MEIGEN, 1822: Syst. Besch., 3: 356 (*Merodon*). Type-locality: "Italien".

- canipilus* RONDANI, 1865: Atti Soc. Ital. sci. nat., Milano, **8**: 131 (*Merodon*).
Type-locality: "in colle sub-apennino ditionis Parmensis" [= region of Parma] (Italy).
- clavipes albus* PARAMONOV, 1926: Zap. fiz.-mat. Vidd. vseukr. Akad. Nauk, **2**(1): 90 (*Merodon*, as var. of *clavipes*). Type-locality: "Bezirk Balta, Gouv. Odessa" (USSR: Ukraina).—Distr.: USSR: SET (Uk).
- clavipes ater* PARAMONOV, 1926: Zap. fiz.-mat. Vidd. vseukr. Acad. Nauk, **2**(1): 91 (*Merodon*, as var. of *clavipes*). Type-locality: not given (Ukraina).—Distr.: USSR: SET (Uk).
- clavipes niger* PARAMONOV, 1926: Zap. fiz.-mat. Vidd. vseukr. Acad. Nauk, **2**(1): 90 (*Merodon*, as var. of *clavipes*). Type-locality: "Bezirk Balta, Gouv. Odessa" (Ukraina).—Distr.: USSR: SET (Uk).
- clunipes* SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 444 (*Merodon*). Type-localities: "Sizilien, Griechenland und Kleinasien" (Sicily, Italy, Greece and Turkey).—Distr.: Europe: I, BG, GR; Asia: Turkey.
- constans* (ROSSI, 1794): Mantissa insect., **2**: 62 (*Syrphus*). Type-locality: not given ("Etruria") [= Toscana] (Italy).—Distr.: Europe: D, PL, CS, H, I, YU, R, BG; USSR: SET (Crimea).
- analis* MEIGEN, 1822: Syst. Besch., **3**: 357 (*Merodon*). Type-locality: not given ("auf der Baumhauerischen Sammlung") (Europe).
- montanus* RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 63 (*Merodon*). Type-localities: "in Apennino Parmensi", "in Pedemontio" [= region Parma, Piemonte] (Italy).
- crassicornis* SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 452 (*Merodon*). Type-locality: "Anti-Libanon" [= Anti Lebanon Mts, Syria on border with Lebanon].—Distr.: Asia: Syria, Lebanon.
- crymensis* PARAMONOV, 1925: Encycl. ent. (B II) Dipt., **2**: 149 (*Merodon*). Type-localities: "Dorf Baidary (Krym); Dorf Warnutka in der Nähe von Sebastopol" (USSR: Crimea).—Distr.: Europe: CH, R, BG; USSR: SET (Crimea); Asia: Turkey.
- dimorphus* (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 66 (*Lampetia*). Type-locality: "Karacabey bei Brussa" [= near Bursa] (Turkey).—Distr.: Asia: Turkey.
- distinctus* PALMA, 1863: Annali Accad. Aspir. Natur. Napoli, (3) **3**: 46 (*Merodon*). Type-locality: "campagne di Sanseverino" [= near Naples] (Italy).—Distr.: Europe: I, YU, BG, GR; USSR: TC (Arm), SMA (Tu).
- dobrogensis* BRĂDESCU, 1982: Rev. roum. Biol., Ser. Biol. anim., **27**(1): 13 (*Merodon*). Type-locality: "Roumanie, Plateau de la Dobroudja Méridionale, la forêt Hagieni—réserve naturelle complexe (altitude moyenne 100 m), département de Constanța".—Distr.: Europe: R.
- dzhalitae* PARAMONOV, 1926: Zap. fiz.-mat. Vidd. vseukr. Acad. Nauk, **2**(1): 89 (*Merodon*). Type-locality: "Hissar, in der Umgegend von Jalta (im Altertum—Dzhalita), Südabhang der Krym".—Distr.: USSR: SET (Uk: Crimea).

- eques** (FABRICIUS, 1805): Syst. antl.: 193 (*Milesia*). Type-locality: "Algirae" (Algeria).—Distr.: Europe: F, BG; North Africa: Morocco, Algeria.
- equestris** (FABRICIUS, 1794): Entom. syst., 4: 292 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: SF, IRE, GB, DK, NL, B, D, PL, F, CH, A, E, I, YU, R, BG; USSR: CET, SET; North Africa: Morocco, Egypt; Nearctic Region (immigrant).
- flavicans** (FABRICIUS, 1794): Entom. syst., 4: 292 (*Syrphus*). Type-locality: "Italia".
- ferrugineus** (FABRICIUS, 1805): Syst. antl.: 240 (*Eristalis*). Type-locality: "Mogador" [= Essaouira] (Morocco).
- narcissi** (FABRICIUS, 1805): Syst. antl.: 239 (*Eristalis*). Type-locality: "in radicibus liliaciorum Galliae" (France).
- constans** WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 354 (*Merodon*). Type-locality: not given ("in der Hoffmannseggischen Sammlung") (Europe). In *Merodon* a junior secondary homonym of *Syrphus constans* ROSSI, 1794.
- nobilis** MEIGEN, 1822: Syst. Besch., 3: 353 (*Merodon*). Type-locality: not given (Europe).
- transversalis** MEIGEN, 1822: Syst. Besch., 3: 354 (*Merodon*). Type-locality: not given (Europe).
- validus** WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 365 (*Merodon*). Type-locality: "Süddeutschland" (S Germany).
- bulborum** RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 256 and 259 (*Merodon*). Type-locality: "Parma" (Italy).
- tuberculatus** RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 256 (*Merodon*). Type-locality: "Parma" (Italy).
- nigrithorax** BEZZI, 1900: Bull. Soc. ent. ital., 32: 89 (*Merodon*, as var. of *equestris*). Type-locality: "Macerata" [= Marche] (Italy).
- erivanicus** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., 2: 154 (*Merodon*). Type-locality: "Eriwan, Armenien" (USSR).—Distr.: Europe: YU; USSR: TC (Arm).
- escalerai** GIL COLLADO, 1929: Mem. R. Soc. esp. Hist. nat., 12 (6^a): 408 (*Merodon*). Type-locality: "Mogador" [= Essaouira] (Morocco).—Distr.: Europe: E; North Africa: Morocco.
- femoratus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 446 (*Merodon*). Type-localities: "Korsica, Griechenland, Kleinasien" (France: Corsica; Greece and Turkey).—Distr.: Europe: F, YU, R, BG, GR; USSR: CET, SET, TC; Asia: Turkey.
- flaviventris** (SACK, 1932): Konowia, 11(3): 206 (*Lampetia*). Type-locality: "Palästina".—Distr.: Asia: Jordan.
- flavus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 429 (*Merodon*). Type-locality: "Italien" (Italy).—Distr.: Europe: CS, CH, H, I, BG.
- fractipes** (PARAMONOV, 1936): Zbirn. prats zool. Muz., Kiev, 17: 9 and 11 (*Lampetia*, as subsp. of *geniculatus* STROBL). Type-localities: "Rhodus"

- [= Rhodos] (Greece) and "Makri" [= Fethiye] (Turkey).—Distr.: Europe: GR (Rhodos); Asia: Turkey.
- funestus** (FABRICIUS, 1794): Entom. syst., 4: 302 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: PL, F, E, I, YU, R, BG.
- geniculatus** STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 203 (*Merodon*). Type-locality: "bei San-Fernando" (Spain).—Distr.: Europe: E, BG.
- escorialensis* STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 203 (*Merodon*, as var.? of *geniculatus*). Type-locality: "Escorial" (Spain).
- gudaurensis** PORTSCHINSKY, 1877: Trudy russk. ent. Obsch., 10(3-4): 182 (*Merodon*). Type-locality: "Caucasus (Gudaur)" (USSR).—Distr.: USSR: TC.
- haemorrhoidalis** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 429 (*Merodon*). Type-localities: "Italien (Pavia)" (Italy), "Österreich-Ungarn (Josephsthal)" [= near Bydgoszcz] (Poland).—Distr.: Europe: PL, CH, I.
- hamifer** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 436 (*Merodon*). Type-localities: "Griechenland" (Greece), "Anatolien" (Turkey).—Distr.: Europe: BG, GR; Asia: Turkey.
- hirsutus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 435 (*Merodon*). Type-locality: "Syrien".—Distr.: Asia: Syria.
- hirtus** (SACK, 1932): Konowia, 11(3): 207 (*Lampetia*). Type-locality: "Palästina".—Distr.: Asia: Jordan.
- hispanicus** (SACK, 1931): 31. Syrphidae, Fliegen pal. Reg., 4(4): 319 (*Lampetia*). Type-locality: "Andalusien" (Spain).—Distr.: Europe: E.
- kawamurai** MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 256, pl. XVIII, fig. 1 (*Merodon*). Type-locality: "Kiushu (Kumamoto)".—Distr.: Asia: Japan (Kyushu).
- kiritshenkoi** (STACKELBERG, 1960): Ent. Obozr., 39(2): 443 (*Lampetia*). Type-locality: Dargavs, North Osetia.—Distr.: USSR: SET (N Osetia), TC.
- loewi** VAN DER GOOT, 1964: Beaufortia, 10(127): 218 (*Merodon*, new name for *M. graecus* LOEW, 1862, a junior primary homonym of *Merodon graecus* WALKER, 1852).—Distr.: Europe: YU, R, BG, GR; USSR: SET (Uk, Mo), TC (Arm).
- graecus* LOEW, 1862: Wien. ent. Mschr., 6: 165 (*Merodon*). Type-localities: "Griechenland" (Greece) and "Varna" (Bulgaria).
- longicornis** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 447 (*Merodon*). Type-locality: "Griechenland" (Greece).—Distr.: Europe: I, YU, GR; USSR: SET, TC (Arm).
- manicatus** (SACK, 1938): Konowia, 17(1): 21 (*Lampetia*). Type-locality: "Stip in Jugoslavien" (Yugoslavia).—Distr.: Europe: YU.
- maroccanus** GIL COLLADO, 1929: Mem. R. Soc. esp. Hist. nat., 12(6^a): 410 (*Merodon*). Type-locality: "Mogador" [= Essaouira] (Morocco).—Distr.: North Africa: Morocco.

- micromegas** (HERVÉ-BAZIN, 1929): Bull. Soc. ent. Fr., 1929(6): 111 (*Lampetia*). Type-locality: "Tchen-Kiang" [= Cheng Kiang] (China).—Distr.: Asia: China.
- minutus** STROBL, 1893: Wien. ent. Ztg, 12: 77 (*Merodon*). Type-locality: "Dalmatien" [= Dalmatia] (Yugoslavia).—Distr.: Europe: F, I, YU; North Africa: Morocco.
- monticolus** VILLENEUVE, 1924: Encycl. ent. (B II) Dipt., 1(1): 6 (*Merodon* (*Lampetia*)). Type-locality: "Pyrénées" (France).—Distr.: Europe: F.
- murinus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 443 (*Merodon*). Type-locality: "aus Kleinasien (Erdschias)" [= Ercis] (Turkey).—Distr.: Asia: Turkey.
- nanus** (SACK, 1931): 31. Syrphidae, Fliegen pal. Reg., 4(4): 322 (*Lampetia*). Type-locality: "Kurdistan" [= on borders of Iran, Iraq and Turkey].—Distr.: Europe: YU, BG; USSR: TC (Ge, Arm); Asia: Turkey, Iran, Iraq.
- natans** (FABRICIUS, 1794): Entom. syst., 4: 283 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: I, YU, BG.
- melancholicus* (FABRICIUS, 1794): Entom. syst., 4: 302 (*Syrphus*). Type-locality: "Italia".
- italicus* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 257 and 259 (*Merodon*). Type-locality: "colli sotto apennini" [= Apennines] (Italy).
- parietum** WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 360 (*Merodon*). Type-locality: "Portugall" (Portugal).—Distr.: Europe: P, GR.
- cretensis* SACK, 1913: Annls hist.-nat. Mus. nat. hung., 11: 620 (*Merodon*, as var. of *parietum*). Type-locality: "Kreta" [= Crete] (Greece).
- planiceps** LOEW, 1862: Berl. ent. Z., 6: 84 (*Merodon*). Type-locality: Griechenland (Greece).—Distr.: Europe: GR.
- portschinskyi** (STACKELBERG, 1924): Wien. ent. Ztg, 41: 28 (*Lampetia*). Type-locality: "prope pagum Lagodechi, distr. Zakataly Transcaucasiae".—Distr.: USSR: TC.
- pruni** (ROSSI, 1790): Fauna Etrusca, 2: 293 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).—Distr.: Europe: F, I, YU, BG; USSR: TC, SMA (Tu); Asia: Turkey, Israel, Iraq; North Africa: Morocco.
- fulvus* MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 514 (*Merodon*). Type-locality: "France méridionale".
- pallidus* MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, 1841(1): 130 and Dipt. exot., 2(2): 70 (*Merodon*). Type-locality: "Bagdad" (Iraq).
- sicanus* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 4: 258 and 264 (*Merodon*). Type-locality: "Sicilia" (Italy).
- fuscinervis* VON RÖDER, 1887: Berl. ent. Z., 31: 73 (*Merodon*). Type-locality: "bei Elos in der Nähe von Kisamos auf der Insel Kreta" [= Crete] (Greece).

- obscurus* GIL COLLADO, 1929: Mem. R. Soc. esp. Hist. nat., **12**(6^a): 407 (*Merodon*, as var. of *pruni*). Type-locality: "Tanger" [= Tangier] (Morocco).
- quadrinotatus** (SACK, 1931): 31. Syrphidae, Fliegen pal. Reg., **4**(4): 324 (*Lampetia*). Type-locality: "Mesopotamia" (Iraq).—Distr.: Asia: Iraq.
- rubidiventris** COSTA, 1884: Rend. Atti Accad. Sci., fis. mat., Napoli, **23**: 173; Rc. Accad. Sci. Napoli, (2^a) **1**(13), 1885: 30 and Bull. Soc. ent. ital., **17**(1885): 254 (*Merodon*). Type-locality: "Sarda" [= Sardinia] (Italy).—Distr.: Europe: I, YU.
- ruficornis** MEIGEN, 1822: Syst. Besch., **3**: 358 (*Merodon*). Type-localities: "südliches Frankreich" (France), "Österreich" (Austria).—Distr.: Europe: B, D, F, CH, A, I, YU, GR; USSR: SET, TC.
- mucronatus* RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 60 (*Merodon*). Type-locality: "in Pedemontio vel in Liguria" [= region of Piemonte or Liguria] (Italy).
- rufipes** SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 450 (*Merodon*). Type-locality: "Govern. Poltawa" (USSR, Ukraina: Poltava).—Distr.: Europe: BG; USSR: SET.
- rufus** MEIGEN, 1838: Syst. Besch., **7**: 142 (*Merodon*). Type-locality: "südl. Deutschland" (S Germany).—Distr.: Europe: NL, B, D, CS, F, CH, A, I, YU, R, BG; USSR: CET, KZ, SMA (Uz, Ki, Tj).
- fulvus* MEIGEN, 1835: Faunus (Gistel's), **2**: 70 (*Merodon*). Type-locality: ("Umgegend von München") [D]. A junior primary homonym of *Merodon fulvus* MACQUART, 1834.
- submetallicus* RONDANI, 1857: Dipt. Ital. Prodrum., **2**: 63 (*Merodon*). Type-localities: "Germania" (Germany), "Taurinorum" [= Turin] (Italy).
- maculatus* PARAMONOV, 1925: Encycl. ent. (B II) Dipt., **2**: 155 (*Merodon*, as var. of *rufus*). Type-locality: "Umgegend von Kiew" [= environs of Kiev] (USSR).
- sacki** (PARAMONOV, 1936): Zbirn. prats zool. Muz., Kiev, **17**: 3 and 11 (*Lampetia*). Type-locality: "Chiklana, Hispania" (Spain).—Distr.: Europe: E.
- scutellaris** SHIRAKI, 1968: Fauna jap. Syrphidae, **3**: 200 (*Merodon*). Type-locality: "Nikko" (Japan).—Distr.: Asia: Japan (Honshu).
- segetum** (FABRICIUS, 1794): Entom. syst., **4**: 289 (*Syrphus*). Type-locality: "Barbaria" [= NW Africa].—Distr.: Europe: F, A, BG; North Africa: Morocco, Algeria.
- smirnovi** PARAMONOV, 1927: Zap. fiz.-mat. Vidd. vseukr. Akad. Nauk, **4**(4): 320 [= Zbirn. prats zool. Muz., Kiev, **2**: 76] (*Merodon*). Type-locality: "Ak-Tash, prope Tashkent, Turkestan" (USSR, Uzbekistan).—Distr.: USSR: SMA (Uz, Ki, Tj).
- spicatus** BECKER, 1907: Z. syst. Hymenopt. Dipterol., **7**: 251 (*Merodon*). Type-locality: "Susa, Tunis".—Distr.: Europe: E; North Africa: Morocco, Tunisia.

- spinipes** (FABRICIUS, 1794): Entom. syst., 4: 296 (*Syrphus*). Type-locality: "Gallia" (France).—Distr.: Europe: PL, CS, F, CH, A, H, E, I, YU, R, BG, GR; USSR: SET, TC.
- viaticus* FABRICIUS, 1805: Syst. antl.: 197 (*Merodon*). Type-locality: "Austria".
- moenium* WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 362 (*Merodon*). Type-locality: not given (Europe).
- serrulatus* WIEDEMANN in MEIGEN, 1822: Syst. Besch., 3: 360 (*Merodon*). Type-locality: "Portugall" (Portugal).
- auriferus* LOEW, 1862: Berl. ent. Z., 6: 83 (*Merodon*). Type-locality: not given (Griechenland) (Greece).
- quadrilineatus* LIOY, 1864: Atti Ist. veneto Sci., (3) 9: 743 (*Merodon*). Type-locality: "Italia settentrionale" (N Italy).
- obscuritarsis* STROBL, 1909: Verh. zool.-bot. Ges. Wien, 59: 204 (*Merodon*, as var. of *spinipes*). Type-localities: "Bayona" [= Bayonne] (France), "Chinchon" [= Gijon] (Spain).
- bicolor* GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat., Madr., 54: 254 (*Merodon*, as var. of *spinipes*). Type-localities: "Cercedilla; El Escorial; Somosierra" (Spain).
- aureus* (GLUMAC, 1958): Glasn. Prir. Mus. srpske Zemlje, (B) 12: 112 and 119, pl. XXXII, fig. 132 (*Lampetia*, as var. of *spinipes*). Type-locality: "J. P., Cavtat" [= Juznoje primorje] (Yugoslavia).
- spinipes nigritarsis** RONDANI, 1845: Nuovi Ann. Sci. nat. Bologna, (2) 4: 258 and 264 (*Merodon*). Type-locality: "colline del Parmigiano" [= environs of Parma] (Italy).—Distr.: Europe: F, E, I, YU; USSR: TC.
- spinipes crassifemoris** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., 2(3): 158 (*Merodon*, as var. of *spinipes*). Type-locality: "Theodosia [Krym]" (USSR).—Distr.: Europe: YU; USSR: SET (Crimea).
- spinipes femoratoides** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., 2(3): 158 (*Merodon*, as var. of *spinipes*). Type-localities: "Warnutka bei Sebastopol [Krym], Karadagh bei Theodosia [Krym]"—Distr.: USSR: SET (Crimea).
- spinipes grossus** GIL COLLADO, 1930: Trab. Mus. nac. Cienc. nat. Madr., 54: 254 (*Merodon*, as var. of *spinipes*). Type-locality: "Vallvidrera; Tiermas" (Spain).—Distr.: Europe: E.
- spinitarsis** PARAMONOV, 1929: Trudy fiz.-mat. Vidd. vseukr. Akad. Nauk, 13(1): 184 [= Zbirn. prats zool. Muz., Kiev, 7: 186] (*Merodon*). Type-locality: "Mermeriza" [= Marmaris] (Turkey).—Distr.: Asia: Turkey.
- syriacus** PARAMONOV, 1929: Trudy fiz.-mat. Vidd. vseukr. Akad. Nauk, 13(1): 184 [= Zbirn. prats zool. Muz., Kiev, 7: 186] (*Merodon*). Type-locality: "Syrien".—Distr.: Asia: Syria.
- tarsatus** SACK, 1913: Abh. senckenb. naturforsch. Ges., 31(4): 437 (*Merodon*). Type-locality: "Pamir" (USSR: Tajikistan).—Distr.: USSR: SMA (Tj).

- tener** SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 443 (*Merodon*). Type-localities: "Saratow, . . . Sarepta [= Krasnoarmeysk near Volgograd], . . . Uralsk" (USSR).—Distr.: Europe: YU; USSR: SET.
- teruelensis** (VAN DER GOOT, 1966): Ent. Ber., Amst., **26**: 179 (*Lampetia*). Type-locality: "España, prov. Teruel, Aguas Amaraguas, 1620 m".—Distr.: Europe: E.
- testaceus** SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 445 (*Merodon*). Type-localities: "Griechenland, Kleinasien" (Greece, Turkey).—Distr.: Europe: I, BG, GR; Asia: Turkey.
- tricinctus** SACK, 1913: Abh. senckenb. naturforsch. Ges., **31**(4): 441 (*Merodon*). Type-localities: "Tirol, Italien, Sizilien" (Austria, Italy).—Distr.: Europe: CH, A, I, BG; USSR: SET (Crimea), TC (Arm); Asia: Turkey; North Africa: Morocco.
- vulpinus* (SZILÁDY, 1940): Annl. hist.-nat. Mus. natn. hung., **33**: 67 (*Lampetia*, as var. of *tricincta*). Type-locality: "Tempio, Sardinien" [= Sardinia] (Italy).
- trizonus** (SZILÁDY, 1940): Annl. hist.-nat. Mus. natn. hung., **33**: 67 (*Lampetia*). Type-localities: "La Calle und Ain Draham (Tunis)".—Distr.: Europe: YU; North Africa: Tunisia, Algeria.
- trochantericus** COSTA, 1884: Rc. Accad. Sci. fis. mat., Napoli, **23**(12): 173; Atti Accad. Sci. fis. mat., Napoli, (2^a) **1**(13): 29 and Bull. Soc. ent. ital., **17**(1885): 253 (*Merodon*). Type-locality: "Gennargento" [= Monti del Gennargentu, Sardinia] (Italy).—Distr.: Europe: F, I.
- podagricus* VILLENEUVE, 1909: Wien. ent. Ztg, **28**(9–10): 338 (*Merodon*). Type-localities: "Tattone (Corse)" [= Corsica]; "Bretagne" (France).
- turkestanicus** PARAMONOV, 1927: Zap. fis.-mat. vseukr. Ukr. Akad. Nauk, **4**(4): 321 [= Zbirn. prats zool. Muz., Kiev, **2**: 77] (*Merodon*). Type-locality: "d. Tashkent, Turkestan" (USSR: Uzbekistan).—Distr.: USSR: KZ (south), SMA (Ki, Uz, Tj).
- unguicornis** STROBL, 1909: Verh. zool.-bot. Ges. Wien, **59**: 205 (*Merodon*). Type-locality: "Rivas" (Spain).—Distr.: Europe: E.
- velox** LOEW, 1869: Beschr. europ. Dipt., **1**: 253 (*Merodon*). Type-localities: "Smyrna [= Izmir], Rhodus [= Rhodos]" (Turkey, Greece).—Distr.: Europe: YU, BG, GR; USSR: TC; Asia: Turkey.
- velox anathemus** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., **2**(3): 149 (*Merodon*, as var. of *velox*). Type-locality: "mons Takälta prope Kulp, Transkaukasien" (Turkey).—Distr.: USSR: TC (Arm, Az); Asia: Turkey.
- velox armeniacus** PARAMONOV, 1925: Encycl. ent. (B II) Dipt., **2**(3): 147 (*Merodon*, as var. of *velox*). Type-locality: "Eriwan . . . Ordubad (Armenien)".—Distr.: USSR: TC (Arm, Az.)

Doubtful species of *Merodon*

- calcaratus* (FABRICIUS, 1794): Entom. syst., 4: 301 (*Syrphus*). Type-locality: "in Zywan Africae".
inermis MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 517 (*Merodon*). Type-locality: "midi de la France?".

Platynochaetus WIEDEMANN, 1830

WIEDEMANN, 1830: Aussereurop. zweifl. Insekt, 2: 147.

Type-species: *Syrphus setosus* FABRICIUS, 1794: Entom. syst., 4: 288 (mon.).

- armipes** BEZZI, 1924: Mem. Soc. ent. ital., 3: 221 (*Platynochaetus*). Type-locality: "Cirenaica, Zavia Meghili" [= El Mekili, Cyrenaica] (Libya).—Distr.: North Africa: Libya.
festae BEZZI, 1924: Mem. Soc. ent. ital., 3: 224 (*Platynochaetus*). Type-localities: "Derna" [= Darnah] (Libya) and "El Fetejäh" (Egypt).—Distr.: North Africa: Lybia, Egypt.
macquarti LOEW, 1862: Wien. ent. Mschr., 6: 296 (*Platynochaetus*). Type-locality: "Sicilien" [= Sicily] (Italy).—Distr.: Europe: I; North Africa: Morocco.
setosus: MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 509 (*Platynochaetus*); misidentification, "Barbaria" (NW Africa).
rufus MACQUART, 1835: Hist. nat. Ins., Dipt., 2: 663 (*Platynochaetus*). Type-locality: "Oran" (Algeria).—Distr.: North Africa: Algeria.
setosus (FABRICIUS, 1794): Entom. syst., 4: 288 (*Syrphus*). Type-locality: "Barbaria" [= NW Africa].—Distr.: Europe: F, E, I; North Africa: Morocco, Algeria.

Psilota MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., 3: 256.

Type-species: *Psilota anthracina* MEIGEN, 1822: l.c.: 256 (mon.).

- anthracina** MEIGEN, 1822: Syst. Besch., 3: 256 (*Psilota*). Type-locality: not given ("in der Baumhauerischen Sammlung") (Europe).—Distr.: Europe: GB, D, PL, F, R; USSR: CET, SET, TC.
conjugata RONDANI, 1857: Dipt. Ital. Prodromus, 2: 174 (*Psilota*). Type-locality: "in collibus ditionis parmensis" [= region of Parma] (Italy).
atra (FALLÉN, 1817): Syrphici Sveciae: 58 (*Pipiza*). Type-locality: "In Ostrogothia" [= prov. Östergötland] (Sweden).—Distr.: Europe: S.
brevicornis SHIRAKI, 1968: Fauna jap. Syrphidae, 2: 56 (*Psilota*). Type-locality: "Omogo, Ehime Pref."—Distr.: Asia: Korea, Japan (Shikoku).
dersu VIOLOVITSH, 1980: Izv. Sib. Otdel. Akad. Nauk SSSR, ser. biol. nauk, 1: 50 (*Psilota*). Type-locality: Southern Primorye, Ussuriysk.—Distr.: USSR: FE (Primorye Territory).
innupta RONDANI, 1857: Dipt. Ital. Prodromus, 2: 176 (*Psilota*). Type-locality: "in collibus subapenninis ditionis Parmensis" [= region of Parma] (Italy).—Distr.: Europe: DDR, I; USSR: CET.

- nigripilosa** SHIRAKI, 1968: Fauna jap. Syrphidae, **2**: 58 (*Psilota*). Type-locality: "Jindaiji, Chôfu, Tokyo".—Distr.: Asia: Japan (Honshu).
- plumbella** BECKER, 1907: Z. syst. Hymenopt. Dipterol., **7**: 243 (*Psilota*). Type-locality: "Algier".—Distr.: North Africa: Algeria.
- rotundicornis** STROBL, 1898: Glasn. zemalj. Mus. Bosni Herceg., **10**: 430 and Wiss. Mitt. Bosn. Herzeg., **7**(1900): 586 (*Psilota*). Type-locality: "bei Sarajevo" [= near Sarajevo] (Yugoslavia).—Distr.: Europe: YU.
- sibirica** VIOLOVITSH, 1980: Izv. Sib. Otdel. Akad. Nauk SSSR, ser. biol. nauk, **1**: 48 (*Psilota*). Type-locality: Amur region, Klimoutzy, 40 km W Svobodnyi.—Distr.: USSR: WS, ES, FE (Khabarovsk and Primorye Territories, Sakhalin).

Tribe Psarini

Psarus LATREILLE, 1804

LATREILLE, 1804: Nouv. dict. hist. nat., **24** (Tabl. méth. Ins.): 193.

Type-species: *Syrphus abdominalis* FABRICIUS, 1794: Entom. syst., **4**: 307 (mon.).

abdominalis (FABRICIUS, 1794): Entom. syst., **4**: 307 (*Syrphus*). Type-locality: "in Gallia" (France).—Distr.: Europe: S, B, D, PL, F, A, YU, R, BG; USSR: CET, SET.

arcuatus MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: Exp. de planch.: pl. 11, fig. 7 (*Psarus*). Type-locality: not given (Europe).

Doubtful species of *Psarus*

coalescens (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, **2**: 486 (*Musca*). Type-locality: "Paris".

Tribe Ceriodini

Ceriana RAFINESQUE, 1815

RAFINESQUE, 1815: Analyse nat. tab. univers corps organisés: 131 (new name for *Ceria* FABRICIUS, 1794, a junior homonym of *Ceria* SCOPOLI, 1763).

Type-species: *Ceria clavicornis* FABRICIUS, 1794: Entom. syst., **4**: 277 (aut.) [= *conopsoides* (LINNAEUS, 1758)].

Ceria FABRICIUS, 1794: Entom. syst., **4**: 277. Type-species: *Ceria clavicornis* FABRICIUS, 1794: l.c.: 277 (des. LATREILLE, 1810: Consid. générales, nat. animaux: 443) [= *conopsoides* (LINNAEUS, 1758)].

Cina FABRICIUS, 1798: Suppl. entom. syst.: 557. Unavailable name cited in generic synonymy.

- Styloceria* ENDERLEIN, 1934: Sber. Ges. naturf. Freunde Berl., 1934(4-7): 185 and Tierwelt Mitteleur., 6(2) Insekten, 3, 1936: 127. Type-species: *Musca conopsoides* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 590 (orig. des.).
- Hisamatsumyia* SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 148. Type-species: *Hisamatsumyia japonica* SHIRAKI, 1968: l.c.: 148 (orig. des.).
- anaglypha** (SÉGUY, 1948): Notes Ent. chin., 12: 163 (*Cerioides*). Type-locality: "Chine: Kou-ling".—Distr.: Asia: China (Kou-ling); Oriental Region.
- anceps** (SÉGUY, 1948): Notes Ent. chin., 12: 163 (*Cerioides*). Type-locality: "Chine: Nan-king".—Distr.: Asia: China (Nanking).
- brunettii** (SHANNON, 1927): J. Wash. Acad. Sci., 17: 45 (*Tenthredomyia*). Type-locality: "British Baluchistan: Quetta" (W Pakistan).—Distr.: USSR: SMA (Tu, Uz, Tj); Asia: Pakistan.
- caesarea** (STACKELBERG, 1928): Izv. Stavrop. ent. Obshch. [= Acta Soc. ent. stavropol.], 5(1): 1 (*Cerioides*). Type-localities: "Turkestan — Chiva, ad. lacum Sajat... prope pagum Ak-Metshet...; Bucharica, pr. oppidum Farab".—Distr.: USSR: SMA (Tu, Uz, Tj).
- caucasica** (PARAMONOV, 1927): Societas ent., 42: 19 (*Cerioides*). Type-locality: "Ordubad" (USSR: Armenia).—Distr.: USSR: TC (Arm), SMA (Tu); Asia: North Iran.
- conopsoides** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 590 (*Musca*). Type-locality: "Europa".—Distr.: Europe: S, SF, NL, B, D, PL, CS, F, CH, A, H, E, I, YU, R, BG; USSR: CET, SET, TC, WS, ES, FE; Asia: China; North Africa: Algeria.
- adunata* (GEOFFROY in FOURCROY, 1785): Entom. parisiensis, 2: 488 (*Musca*). Type-locality: "Paris" (France).
- clavicornis* (FABRICIUS, 1794): Entom. syst., 4: 277 (*Ceria*). Type-localities: "Kilia" [= Kiel] [D]; "Barbaria" [= NW Africa].
- vaginicornis* (SCHRANK, 1803): Fauna boica, 3(1): 163 (*Conops*). Type-localities: "bey Passau und Ingolstadt" [D].
- uralensis* (BECKER, 1921): Mitt. zool. Mus. Berl., 10: 89 (*Cerioides*). Type-locality: "Ural, Jekaterinenburg" [= Sverdlovsk, Ural] (USSR).
- gibbosa** VILOVITSH, 1980: Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 130 (*Ceriana*). Type-locality: Southern Primorye, environs of Spassk.—Distr.: USSR: FE (Primorye Territory).
- grahami** (SHANNON, 1925): Insector Inscit. menstr., 13(4-6): 53 (*Tenthredomyia*). Type-locality: "Suifu, Szechuen, China".—Distr.: Asia: China (Szechuan).
- hungkingi** (SHANNON, 1927): J. Wash. Acad. Sci., 17(2): 46 (*Tenthredomyia*). Type-locality: "China: Hsikon, near Tientsin".—Distr.: Asia: China (Tientsin).
- japonica** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 148 (*Hisamatsumyia*). Type-locality: "Matsuyama, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).

- naja** VIOLOVITSH, 1974: Izv. Sib. Otdel. Akad. Nauk SSSR, Ser. biol. nauk, **1**: 87 (*Ceriana*). Type-locality: Tajikistan: r. Vakhsh, Staraya pristan near Dzhilikul.—Distr.: USSR: SMA (Tu, Uz, Tj).
- nigerrima** VIOLOVITSH, 1974: Izv. Sib. Otdel. Akad. Nauk SSSR, Ser. biol. nauk, **1**: 87 (*Ceriana*). Type-locality: Primorye, Sikhote-Alin' Mts, Klyuch Yakova (Vorovyva Sitsa) (USSR: FE).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).
- sartorum** SMIRNOV, 1924: Zool. Anz., **58**: 350 (*Ceriana*). Type-localities: "Bajram-Ali (Transcaspien, Distrikt Merv), Samarkand, Dzhizak (Samarkand-Gebiet), Isfara (Fergana-Gebiet), Dzharkent (Heptopotamien)" (Soviet Middle Asia).—Distr.: USSR: KZ, SMA (Ki, Uz, Tj, Tu).
- vespiformis** (LATREILLE, 1804): Nouv. dict. hist. nat., **24**(3): 194 and Genera Crust. et Insect., **4**(1809): 328 (*Ceria*). Type-localities: "Barbaria" (NW Africa); "Italia".—Distr.: Europe: F, E, P, I, YU, AL, GR; North Africa: Morocco, Algeria, Egypt.
- scutellata* (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, **1841**(1): 70 and Dipt. exot., **2**(2): 10 (*Ceria*). Type-locality: "Alger".
- intricata* (SAUNDERS, 1845): Trans. R. ent. Soc. Lond., **4**: 64 (*Ceria*). Type-locality: "Albania".

Monoceromyia SHANNON, 1922

SHANNON, 1922: Bull. Brook. ent. Soc., **17**: 41 (as subgenus of *Ceriodes* RONDANI, 1850).

Type-species: *Ceria tricolor* LOEW, 1861: Wien. ent. Mschr., **5**: 37 (mon.); not Palaearctic.

Sphiximorphoides SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 6 (as subgenus of *Ceriodes* RONDANI, 1850). Type-species: *Sphiximorpha pleuralis* COQUILLET, 1898: Proc. U.S. natn. Mus., **21**: 302 (orig. des.).

annulata (KERTÉSZ, 1913): Annl. hist.-nat. Mus. natn. hung., **11**: 407 (*Ceriodes*). Type-localities: "Fuhosho, Suihenkyaku, Kanshirei, Toyenmongai" (Taiwan).—Distr.: Asia: Japan; Oriental Region (Taiwan).

horishana (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 186 (*Sphiximorpha*). Type-locality: "Formosa (Horisha)".

hervebazini SHANNON, 1927: J. Wash. Acad. Sci., **17**(2): 48 (*Monoceromyia*). Type-locality: "Shanghai, China".—Distr.: Asia: China (Shanghai).

pleuralis (COQUILLET, 1898): Proc. U.S. natn. Mus., **21**: 302 (*Sphiximorpha*). Type-locality: not given (Japan).—Distr.: USSR: FE (Khabarovsk and Primorye Territories); Asia: Japan (Honshu).

wui SHANNON, 1925: Insecutor Inscit. menstr., **13**(4-6): 56 (*Monoceromyia*). Type-locality: "Suifu, Szechuen, China".—Distr.: Asia: China (Szechuan).

Primocerioides SHANNON, 1927

SHANNON, 1927: J. Wash. Acad. Sci., 17(2): 41.

Type-species: *Cerioides petri* HERVÉ-BAZIN, 1914: Anns Soc. ent. Fr., 83: 414 (orig. des.).

petri (HERVÉ-BAZIN, 1914): Anns Soc. ent. Fr., 83: 414 (*Cerioides*). Type-locality: "Kumanotaira près Karuizawa" (Japan).—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Honshu, Shikoku).

Sphiximorpha RONDANI, 1850

RONDANI, 1850: Anns Soc. ent. Fr., (2) 8: 212.

Type-species: *Ceria subsessilis* ILLIGER in ROSSI, 1807: Fauna Etrusca, Ed. 2, 2: 446 (orig. des.).

Cerioides RONDANI, 1850: Anns Soc. ent. Fr., (2) 8: 211. Published in synonymy with *Sphiximorpha* RONDANI. Subsequently used by BECKER et al., 1907: Kat. pal. Dipt., 3: 156. Type-species: *Ceria subsessilis* ILLIGER in ROSSI, 1807: Fauna Etrusca, Ed. 2, 2: 446 (mon.).

Sphiximorpha RONDANI, 1856: Dipt. Ital. Prodrum., 1: 55; unjustified emendation.

Sphecomorpha BEZZI, 1906: Z. Hymenopt. Dipterol., 6: 51; unjustified emendation and a junior homonym of *Sphecomorpha* HÜBNER, [1809]–[1813] (Lepidoptera) and by NEWMAN, 1838 (Coleoptera).

Shambalia VIOLOVITSH, 1981: Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 85. Type-species: *Shambalia rachmaninovi* VIOLOVITSH, 1981: l.c.: 85 (orig. des.).

binominata (VERRALL, 1901): British Flies, 8: 665 (*Ceria*, new name for *C. tridens* LOEW, 1873, a junior primary homonym of *Ceria tridens* LOEW, 1872).—Distr.: Europe: H, YU, R, BG.

tridens (LOEW, 1873): Besch. europ. Dipt., 3: 210 and Berl. ent. Z., 17: 37 (*Ceria*). Type-localities: "Turn-Severin" (Roumania); "in Pannonia inferiori et in confinibus Daciae regionibus" (Hungary, Roumania).

euprosopa (LOEW, 1869): Besch. europ. Dipt., 1: 256 (*Ceria*). Type-locality: "Smyrna" [= Izmir] (Turkey).—Distr.: Asia: Turkey.

garibaldii RONDANI, 1860: Atti Soc. ital. Sci. nat., Milano, 2: 145 (*Sphiximorpha*). Type-locality: "in collibus ditionis parmensis" [= region of Parma] (Italy).—Distr.: Europe: I.

petronillae RONDANI, 1850: Anns Soc. ent. Fr., (2) 8: 213 (*Sphiximorpha*). Type-locality: "Parmensis ditionis" [= Parma] (Italy).—Distr.: Europe: I.

rachmaninovi (VIOLOVITSH, 1981): Nasekomye i kleshchi Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 15): 85 (*Shambalia*). Type-locality: Southern Primorye, Spassk.—Distr.: USSR: FE (Primorye Territory).

- subsessilis** (ILLIGER in ROSSI, 1807): Fauna Etrusca, Ed. 2, 2: 446 (*Ceria*). Type-locality: not given (Europe).—Distr.: Europe: NL, B, D, CS, F, I, YU, BG; USSR: CET, TC.
- worelli** (BRĂDESCU, 1972): Revue roum. Biol., Sér. Biol. anim., 17(6): 382 (*Ceriana*). Type-locality: "Sibiu (la colline Gușterița)" (Roumania).—Distr.: Europe: R.

Tribe Eristalini

Subtribe Eristalina

Eristalinus RONDANI, 1845

RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 453 (as subgenus of *Eristalis* LATREILLE, 1804).

Type-species: *Musca sepulchralis* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 596 (des. RONDANI, 1857: Dipt. Ital. Prodrumus, 2: 38).

Metalloeristalis KANERVO, 1938: Annls Univ. turku., (A) 6(4): 13. Type-species:

Conops aeneus SCOPOLI, 1763: Entom. carniolica: 356 (orig. des.).

Eristalodes MIK, 1897: see below as subgenus.

Lathrophthalmus MIK, 1897: see below as subgenus.

Subgenus ERISTALINUS RONDANI, 1845

riki VIOLOVITSH, 1957: Ent. Obozr., 36(3): 752 (*Eristalinus*). Type-locality: environs of Kholmsk (Island Sakhalin).—Distr.: USSR: FE (Sakhalin).

sepulchralis (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 596 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; USSR: from Kola peninsula to TC, KZ, SMA, WS, ES, FE; Asia: Syria, Mongolia, Japan, China; North Africa: Egypt; Oriental Region.

atra (HARRIS, [1776]): Expos. Eng. Ins.: 58 (*Musca*). Type-locality: not given (England).

melanius (HARRIS, [1776]): Expos. Eng. Ins.: 59 (*Musca*). Type-locality: not given (England).

tristis (FABRICIUS, 1794): Entom. syst., 4: 303 (*Syrphus*). Type-locality: "Kiliae" [= Kiel] [D].

impunctatus (STROBL, 1909): Mitt. naturw. Ver. Steierm., 46: 106 (*Eristalis*, as var. of *sepulchralis*). Type-locality: "bei Radkersburg" (Austria).

Subgenus ERISTALODES MIK, 1897

MIK, 1897: Wien. ent. Ztg, 16(2): 114 (as genus).

Type-species: *Eristalis taeniops* WIEDEMANN, 1818: Zool. Mag., Kiel, 1(2): 42 (orig. des.).

- paria** (BIGOT, 1880): *Annl. Soc. ent. Fr.*, (5) **10**: 218 (*Eristalomyia*). Type-locality: "Indostan".—Distr.: Asia: China (E Tibet), Japan; Oriental Region.
- taeniops** (WIEDEMANN, 1818): *Zool. Mag.*, Kiel, **1**(2): 42 (*Eristalis*). Type-locality: "Vorgebirge der Guten Hoffnung" [= Cape] (South Africa).—Distr.: Europe: PL, F, E, I, YU, BG; USSR: TC; Asia: Turkey, Arabian Emirates, Afghanistan; North Africa: Morocco, Egypt; Canary Is; Afrotropical and Oriental Regions.
- pulchriceps* (WIEDEMANN in MEIGEN, 1822): *Syst. Besch.*, **3**: 375 (*Heliophilus*). Type-locality: "Portugall" (Portugal).
- fasciatus* (GERMAR, 1845): *Fauna Ins. Europ.*, Fasc. **23**: pl. 23 (*Eristalis*). Type-localities: "Europa meridionali, Anatolia" (S Europe, Turkey).
- aegyptius* (WALKER, 1849): *List Dipt. Brit. Mus.*, **3**: 621 (*Eristalis*). Type-locality: "Egypt".
- torridus* (WALKER, 1849): *List Dipt. Brit. Mus.*, **3**: 612 (*Eristalis*). Type-locality: not given.
- completus* (SANTOS ABREU, 1924): *Mems R. Acad. Cienc. Artes, Barcelona*, (3) **19**(1): 110 (*Eristalis*, as var. of *taeniops*). Type-locality: "isla de La Palma, en el Barranco de Quintero" (Canary Is).
- concinus* (SANTOS ABREU, 1924): *Mems R. Acad. Cienc. Artes, Barcelona*, (3) **19**(1): 109 (*Eristalis*, as var. of *taeniops*). Type-locality: "isla de La Palma, en la Dehesa de la Encarnación" (Canary Is).
- taeniops canariensis** (BECKER, 1908): *Mitt. zool. Mus. Berl.*, **4**(1): 86 (*Eristalis*, as var. of *taeniops*). Type-locality: "Teneriffe, Gran Canarien" (Canary Is).—Distr.: Canary Is.

Subgenus LATHYROPHTHALMUS MIK, 1897

MIK, 1897: *Wien. ent. Ztg*, **16**(2): 114 (as genus).

Type-species: *Conops aeneus* SCOPOLI, 1763: *Entom. carniolica*: 356 (orig. des.).

- aeneus** (SCOPOLI, 1763): *Entom. carniolica*: 356 (*Conops*). Type-locality: "Idria" [= Idrija] (Yugoslavia).—Distr.: Europe: S, IRE, GB, DK, NL, B, D, PL, CS, F, CH, A, H, P, E, I, YU, R, BG; USSR: CET, SET, TC, KZ, SMA, FE (Primorye Territory); Asia: Mongolia, China, Syria, Arabian Emirates, Afghanistan; North Africa: Morocco, Algeria, Tunisia; Canary Is; Nearctic, Afrotropical and Oriental Regions, Australia, Hawaii.
- punctatus* (MÜLLER, 1764): *Fauna Insect. Fridr.*: 85 (*Musca*). Type-locality: not given ("Fridrichsdal") [= Frederiksdal near Copenhagen] (Denmark).
- macrophthalmus* (PREYSSLER, 1791): *Samml. Physik. Aufsätze, Dresden*, **1**: 68 (pl. 2, fig. 6) (*Musca*). Type-locality: "Böhmen" (Czechoslovakia).

- aeneus* (FABRICIUS, 1794): Entom. syst., 4: 302 (*Syrphus*). Type-locality: "Germania". A junior secondary homonym of *Conops aeneus* SCOPOLI, 1763.
- taphicus* (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 191 (*Eristalis*). Type-locality: "Egypten" (Egypt).
- stygicus* (NEWMAN, 1835): Ent. Mag., 2: 313 (*Eristalis*). Type-localities: "on the southeast and south coasts of England, . . . at Walton" (Great Britain).
- aenescens* (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, 1841(1): 119 and Dipt. exot., 2(2): 59 (*Eristalis*). Type-locality: not given.
- nigrolineatus* (HERVÉ-BAZIN, 1923): Annl. Sci. nat., Zool., (10) 6: 134 (*Lathyrphthalmus*, as var. of *aeneus*). Type-locality: "Extrême-Orient, Shanghai" (China).
- aeruginosus** (COLLIN, 1949): Bull. Soc. Fouad I. Ent., 33: 196 (*Eristalis* (*Lathyrphthalmus*)). Type-localities: "Khamissa, . . . Siwa" (Libya).—Distr.: North Africa: Libya, Egypt.
- arvorum** (FABRICIUS, 1787): Mantissa insect., 2: 335 (*Syrphus*). Type-locality: "China".—Distr.: Asia: China (E Tibet), Japan; Oriental Region, Australia, Hawaii, Micronesia.
- anicetus* (WALKER, 1849): List Dipt. Brit. Mus., 3: 624 (*Eristalis*). Type-locality: not given.
- antidotus* (WALKER, 1849): List Dipt. Brit. Mus., 3: 626 (*Eristalis*). Type-locality: "China".
- fo* (BIGOT, 1880): Annl. Soc. ent. Fr., (5) 10: 220 (*Eristalomyia*). Type-locality: "Amoy, China".
- okinawaensis* (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 261, pl. XVII, fig. 6 (*Eristalis*). Type-locality: "Japan".
- [**basalis** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 175 (*Lathyrphthalmus*). Type-locality: "Iriomote Is." (Japan).—Distr.: Asia: Japan (S of 30° NL).]
- [**ishigakiensis** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 177 (*Lathyrphthalmus*). Type-locality: "Ishigaki Is." (Japan).—Distr.: Asia: Japan (S of 30° NL).]
- laetus** (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 192 (*Eristalis*). Type-locality: "China".—Distr.: Asia: Afghanistan, China; Oriental Region.
- lugens** (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 193 (*Eristalis*). Type-locality: "China".—Distr.: Asia: China; Oriental Region (Taiwan).
- megacephalus** (ROSSI, 1794): Mantissa insectorum, 2: 63 (*Syrphus*). Type-locality: not given ("Etruria") [= Toscana] (Italy).—Distr.: Europe: E, I; North Africa: Egypt; Afrotropical Region.
- quinquelineatus** (FABRICIUS, 1781): Species insect., 2: 425 (*Syrphus*). Type-locality: "in Africa aequinoctiali".—Distr.: Europe: D, F, P, E, BG, GR; USSR: TC, SMA (Tu, Tj); Asia: Iran, Afghanistan; North Africa: Morocco, Algeria, Egypt; Afrotropical Region.
- fasciatus* (MEIGEN, 1835): Faunus (Gistel's), 2: 70 and Syst. Besch., 7 (1838): 143 (*Eristalis*). Type-locality: not given ("Umgegend von München")

- [D]. A junior primary homonym of *Eristalis fasciatus* WIEDEMANN, 1819.
- quinquevittatus* (MACQUART in LUCAS (ed.) 1849): Explor. scient. Algérie, Zool., 3: 465 (*Eristalis*). Type-locality: "d'Ain-Dréan, aux environs du cercle de Lacalle" [= near La Calle] (Algeria).
- quinquestriatus** (FABRICIUS, 1794): Entom. syst., 4: 289 (*Syrphus*). Type-locality: "India orientali".—Distr.: Asia: China, Japan; Oriental Region.
- pictus* (MACQUART, 1846): Mém. Soc. Sci. Agric. Lille, 1844: 258 and Dipt. exot., suppl. 1: 130 (*Eristalis*). Type-locality: not given.
- aesepus* (WALKER 1849): List Dipt. Brit. Mus., 3: 625 (*Eristalis*). Type-locality: "China".
- tabanoides** (JAENNICKE, 1867): Abh. senckenb. naturforsch. Ges., 6: 402 (*Eristalis*). Type-locality: "Massaua" [= Ethiopia (Eritrea)].—Distr.: North Africa: Tunisia, Egypt; Afrotropical Region.
- tarsalis** (MACQUART, 1855): Mém. Soc. Sci. Agric. Lille, 1854: 107 and Dipt. exot., suppl. 5: 87 (*Eristalis*). Type-locality: "Chine boréale".—Distr.: Asia: China, Korea, Japan; Oriental Region (China, Taiwan, India, Nepal).
- ocularius* (COQUILLET, 1898): Proc. U.S. natn. Mus., 21: 325 (*Eristalis*). Type-locality: not given (Japan).
- velox** (VIOLOVITSH, 1966): Novye vidy fauny Sibiri i privileyushchikh regionov: 51 (*Lathyrphthalmus*). Type-locality: Lake Amdaygyn-Khol (W Siberia).—Distr.: USSR: WS (Tuva).
- viridis** (COQUILLET, 1898): Proc. U.S. natn. Mus., 21: 326 (*Eristalis*). Type-locality: not given (Japan).—Distr.: Asia: China, Japan (Honshu, Shikoku, Kyushu).

Eristalis LATREILLE, 1804

- LATREILLE, 1804: Nouv. dict. hist. nat., 24 (Tabl. méth. Ins.): 194.
Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (des. CURTIS, 1832: Brit. Ent. 9: pl. 432).
- Tubifera* MEIGEN, 1800: Nouve. class.: 34. Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 618). Suppressed by I.C.Z.N., 1963: Opinion 678: 339.
- Elophilus* MEIGEN, 1803: Mag. Insektenk., 2: 274. Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (des. LATREILLE, 1810: Consid. générales nat. animaux: 443, as *Eristalis tenax* FABRICIUS).
- Helophilus* LEACH, 1817 in Brewster's Edinb. Encycl., 12(1): 159; unjustified emendation.
- Eristaloides* RONDANI, 1845: Nuovi Ann Sci. nat. Ist. Bologna, (2) 2 (1845): 453 (as subgenus of *Eristalis* LATREILLE). Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 540).

- Eristalomya* RONDANI, 1857: Dipt. Ital. Prodrumus, 2: 38. Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (orig. des.).
- Eristalomyia* VERRALL in SCUDDER, 1882: Nomencl. Zool.: 127; unjustified emendation.
- Eriops* LIOY, 1864: Atti Ist. veneto Sci., (3) 9: 743. Type-species: *Musca tenax* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (des. GOFFE, 1946: J. Soc. Br. Ent., 3: 29). A junior homonym of *Eriops* KLUG, 1808.
- Eoseristalis* KANERVO, 1938: see below as subgenus. [For discussion of nomenclature problem see WIRTH, et al., 1965: 622.]

Subgenus EOSERISTALIS KANERVO, 1938

KANERVO, 1938: Anns Univ. turku., (A) 6(4): 12.

Type-species: *Eristalis cerealis* FABRICIUS, 1805: Syst. antl.: 232 (orig. des.).

- abusiva** COLLIN, 1931: Entomologist's mon. Mag., 67: 180 (*Eristalis*). Type-localities: "Thames Marshes at Higham, . . . at Upton, Norfolk, . . . at Backwell Hill House, Somerset, . . . Linwood, Hants, . . . at Tadnoll Marsh, Winfrith Newburgh (Dorset)" (Great Britain).—Distr.: Europe: N, SF, IRE, GB, DK, NL, B, D, CS, F, H; USSR: NET, CET, SET, WS, ES, FE (Khabarovsk and Primorye Territories).
- acutifacies** PECK, 1971: Ent. Obozr., 50(3): 698 (*Eristalis*). Type-locality: Kirghizia, Tien Shan, riverhead Bolshoj Naryn.—Distr.: USSR: SMA (Ki).
- albibasis** BIGOT, 1880: Anns Soc. ent. Fr., (5) 10: 215 (*Eristalis*). Type-locality: "Indostan".—Distr.: Asia: China (Szechuan); Oriental Region.
- alpina** (PANZER, [1798]): Faunae insect. germ., Fasc. 59: 14 (*Syrphus*). Type-locality: "in Silesiae montibus" (Poland).—Distr.: Europe: DK, NL, B, D, PL, CS, F, A, H, I, YU, R, BG; USSR: NET, CET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia.
- caucasica* PORTSCHINSKY, 1892: Trudy Russk. ent. Obshch. [= Horae Soc. ent. ross.], 26(1–2): 209 (*Eristalis*, as var. of *alpina*). Type-locality: "in valley of the r. Akstafa on the Malyj Caucasus" (USSR).
- anthophorina** (FALLÉN, 1817): Syrphici Sveciae: 28 (*Syrphus*). Type-locality: "Scania" [= prov. Skåne] (Sweden).—Distr.: Europe: S, SF, DK, NL, D, PL, F, R; USSR: NET, CET, WS, ES, FE; Asia: Mongolia, Japan (Hokkaido); Nearctic Region.
- lapponica* SCHIRMER, 1913: Wien. ent. Ztg, 32(7–9): 222 (*Eristalis*, as var. of *anthophorinus*). Type-locality: "Lappland" (N Scandinavia).
- luleoensis* (KANERVO, 1934): Anns Soc. zool.-bot. fenn. "Vanamo", 14(5): 132 (*Eristalomyia*, as var. of *anthophorinus*). Type-localities: "Parkkino" [= near Pechenga, Murmansk region]; "Lulelappmark" (Sweden).
- araschanica** VIOLOVITSH, 1982: Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 61 (*Eristalis*). Type-locality:

- Kirghizia, 40 km E Przhevalsk, valley of r. Arashan.—Distr.: USSR: SMA (Ki).
- arbustorum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; USSR: from Kola peninsula to TC, KZ, SMA, WS, ES, FE; Asia: Syria, Iran, Afghanistan; North Africa: Morocco, Algeria; Azores; Nearctic and Oriental Regions.
- lyra* (HARRIS, [1776]): Expos. Eng. Ins.: 42 (*Musca*). Type-locality: not given (England).
- paralleli* (HARRIS, [1776]): Expos. Eng. Ins.: 43 (*Musca*). Type-locality: not given (England).
- deflagrata* (PREYSSLER, 1793): Samml. Physik. Aufsätze, Dresden, 3: 369 (*Syrphus*). Type-locality: "Böhmerwald" [= Šumava Mts] (Czechoslovakia).
- bulgarica* SZILÁDY, 1934: Mitt. bulg. ent. Ges., 8: 147 and 149 (*Eristalis*). Type-localities: "Rila-Monastir in Bulgarien" (Bulgaria), "Pest-szentimre in Zentralungarn" (Hungary), "Albanien bei Ipek" [= Peć] (Yugoslavia).
- polonica* SZILÁDY, 1934: Mitt. bulg. ent. Ges., 8: 151 (*Eristalis*). Type-localities: "Schlesien und . . . bei Olkusz, in Polen" (Poland).
- strandii* DUDA, 1940: Folia zool. hydrobiol., Riga, 10(1): 225 (*Eristalis*, as var. of *arbustorum*). Type-locality: "Gellivara (Lappland)" (Sweden).
- argentata** VIOLOVITSH, 1982: Helminthy, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 60 (*Eristalis*). Type-locality: Tuva, valley of the r. Kemchik, Sug-Aksy.—Distr.: USSR: WS (Tuva).
- cerealis** FABRICIUS, 1805: Syst. antl.: 232 (*Eristalis*). Type-locality: "China".—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: China, Korea, Japan (Hokkaido, Honshu, Shikoku, Kyushu); Oriental Region.
- incisuralis* LOEW, 1858: Wien. ent. Mschr., 2: 108 (*Eristalis*). Type-locality: not given (Japan).
- sachalinensis* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 263, pl. XVIII, fig. 7 (*Eristalis*). Type-locality: "Saghalien".
- corymbus** VIOLOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye fauny Sibiri, 9): 84 (*Eristalis*). Type-locality: Peninsula Yamal, river basin Shchuchtya, left bank of the r. Tanlovaya (W Siberia).—Distr.: USSR: WS (Yamal).
- cryptarum** (FABRICIUS, 1794): Entom. syst., 4: 285 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, R; USSR: NET, CET, ES, FE; Asia: Mongolia.
- subilipennis* CURTIS, 1832: Brit. Ent., 8: 432 (*Eristalis*). Type-localities: "at St. Leonard's, and in fir plantations at Barnfield near Ringwood; at Charmouth; and on Parley Heath" (Great Britain).

- deserta** VIOLOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 73 (*Eristalis*). Type-locality: r. Orogyn-Syrtyyn, S. Nan-Shan (China).—Distr.: Asia: China (Gobi Desert).
- distincta** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 166 (*Eristalomyia*). Type-locality: "Kobe, Hyogo Pref."—Distr.: Asia: Japan (Honshu).
- flavovillosa** HULL, 1937: J. Wash. Acad. Sci., 27: 174 (*Eristalis*). Type-locality: "Suifu, Szechuan, China".—Distr.: Asia: China (Szechuan).
- fratercula** (ZETTERSTEDT, 1838): Insecta Lapp.: 592 (*Syrphus*). Type-locality: "in Lapponia Tornensi; ad Juckasjervi . . . (Lapponia Suecica)" (Sweden).—Distr.: Europe: S, SF; USSR: NET.
- fumigata** BECKER, 1921: Mitt. zool. Mus. Berl., 10: 53 (*Eristalis*). Type-locality: "Umgebung von Liegnitz" [= near Legnica] (Poland).—Distr.: Europe: PL.
- gomojunovae** VIOLOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 69 (*Eristalis*). Type-locality: Magadan region, issue of the r. Kegali (right tributary of the r. Omolon) (Far East).—Distr.: USSR: FE (Magadan region).
- griseus** SACK, 1931: 31. Syrphidae, Fliegen pal. Reg., 4(4): 256 (*Eristalis*). Type-locality: "Turkestan" (Soviet Middle Asia).—Distr.: USSR: SMA (Ki).
- himalayensis** BRUNETTI, 1908: Rec. Indian Mus., 2(1): 70 (*Eristalis*, new name for *E. ursina* BIGOT 1880, a junior primary homonym of *Eristalis ursina* JAENNICKE, 1867).—Distr.: Asia: China (Szechuan); Oriental Region.
- ursina* BIGOT, 1880: Anns Soc. ent. Fr., (5) 10: 215 (*Eristalis*). Type-locality: "Indostan".
- horticola** (DE GEER, 1776): Mém. Ins., 6: 140 (*Musca*). Type-locality: not given (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, L, D, PL, CS, F, E, I, YU, R, BG; USSR: NET, CET, SET, TC, WS, ES, FE (Sakhalin); North Africa: Egypt; Oriental Region.
- cincta* (HARRIS, [1776]): Expos. Eng. Ins.: 43 (*Musca*). Type-locality: not given (England). A junior primary homonym of *Musca cincta* ALLIONI, 1766 and *Musca cincta* DRURY, 1770.
- lineata* (HARRIS, [1776]): Expos. Eng. Ins.: 42 (*Musca*). Type-locality: not given (England).
- lunula* (VILLERS, 1789): Caroli Linnaei entom., 3: 433 (*Musca*). Type-locality: "Europa".
- flavicincta* FABRICIUS, 1805: Syst. antl.: 232 (*Eristalis*). Type-locality: "Germania".
- intricaria** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from NET to TC, KZ, SMA (Ki), WS, ES, FE.
- leucorrhaea* (SCOPOLI, 1763): Entom. carniolica: 354 (*Conops*). Type-locality: not given (Carniolia) (NE Yugoslavia).
- fusca* (HARRIS, [1776]): Expos. Eng. Ins.: 42 (*Musca*). Type-locality: not given (England).

- bombylifformis* (FABRICIUS, 1794): Entom. syst., 4: 281 (*Syrphus*). Type-locality: "Germania".
- aurea* (PANZER, [1804]): Faunae insect. germ., Fasc. 90: 20 (*Syrphus*). Type-locality: "Germania".
- furva* VERRALL, 1901: British Flies, 8: 510 (*Eristalis*, as var. of *intricarius*). Type-localities: "at Abbey Wood in the Thames Valley", "at Felixstowe", "at Martham in the Norfolk Broads" (Great Britain).
- japonica** VAN DER GOOT, 1964: Beaufortia, 10(127): 218 (*Eristalis*, new name for *E. nigricans* MATSUMURA, 1905, a junior primary homonym of *Eristalis nigricans* WIEDEMANN, 1830).—Distr.: USSR: FE (Primorye Territory, Kunashir, Shikotan); Asia: Japan (Hokkaido).
- nigricans* MATSUMURA, 1905: Thousand Ins. Japan, Add. 2: 93, pl. XXV, fig. 13 (*Eristalis*). Type-locality: "Hokkaido" (Japan).
- jugorum** EGGER, 1858: Verh. zool.-bot. Ges. Wien, 8: 713 (*Eristalis*). Type-localities: "Rax und . . . Schneeberg" (Austria).—Distr.: Europe: NL, B, D, PL, CS, F, A, E, I, YU, R, BG; USSR: TC.
- pyrenaica* BECKER, 1921: Mitt. zool. Mus. Berl., 10: 54 (*Eristalis*, as var. of *nemorum* (LINNAEUS)). Type-locality: "Gabes, Westpyrenäen" [= Pyrénées Orientales] (France).
- kamtshatica** VILOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 76 (*Eristalis*). Type-locality: Kamchatka, valley of the r. Plotnikov, village Nachiki.—Distr.: USSR: FE (Kamchatka).
- katoi** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 160 (*Eristalis*). Type-locality: "Sapporo".—Distr.: Asia: Japan (Hokkaido).
- nemorum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from NET to TC, KZ, SMA (Ki), WS, ES, FE; Asia: Mongolia; Nearctic Region.
- lineolae* (HARRIS, [1776]): Expos. Eng. Ins.: 58 (*Musca*). Type-locality: not given (England).
- sylvarum* MEIGEN, 1838: Syst. Besch., 7: 144 (*Eristalis*). Type-locality: "Baiern" [= Bavaria] [D].
- toyoharae* MATSUMURA, 1911: J. Coll. Agric. Sapporo, 4(1): 75 (*Eristalis*). Type-localities: "Solowiyofka, Toyohara, Chipsani" [= Sakhalin: Solovyovka, Yuzhno-Sakhalinsk, Ozerskiy].
- toyoharensis* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 235, pl. XVII, fig. 13 (*Eristalis*). Type-locality: "Saghalien (Toyohara)" [= Yuzhno-Sakhalinsk].
- carelica* KANERVO, 1938: Anns Univ. turku., (A) 6(4): 16 and 37 (*Eristalis*, as var. of *nemorum*). Type-locality: "Finnland: Kl. Sortavala" (USSR: Karelia).
- nigritarsis** MACQUART, 1834: Hist. nat. Ins., Dipt., 1: 503 (*Eristalis*). Type-locality: "Nord de la France".—Distr.: Europe: B, D, F, I, BG.

- saltuum* RONDANI, 1857: Dipt. Ital. Prodrumus, 2: 43 (*Eristalis*). Type-localities: "ex alpinis pedemontanis, . . . a Tiguro" [= Alps of Piemonte] (Italy).
- oestracea** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, SF, DK, D, PL, R, YU; USSR: NET, CET, SET, KZ, WS; Nearctic Region.
- apiformis* (FALLÉN, 1817): Syrphici Sveciae: 28 (*Syrphus*). Type-locality: "Regio Holmiae" [= environs of Stockholm] (Sweden).
- pacifica** VILOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 68 (*Eristalis*). Type-locality: Sakhalin, environs of Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Kolyma, Sakhalin, Kuril Is).
- pertinax** (SCOPOLI, 1763): Entom. carniolica: 352 (*Conops*). Type-locality: not given (Carniolia) (NE Yugoslavia).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC.
- similis* (FALLÉN, 1817): Syrphici Sveciae: 25 (*Syrphus*). Type-localities: "Scania et Ostrogothia" [= prov. Skåne and Östergötland] (Sweden).
- fossarum* MEIGEN, 1822: Syst. Besch., 3: 393 (*Eristalis*). Type-locality: "Österreich" (Austria).
- lucorum* MEIGEN, 1838: Syst. Besch., 7: 143 (*Eristalis*). Type-locality: "Baier" [= Bavaria] [D].
- flavitaris* (MALM, 1863): Göteborgs K. Vetensk.-o. VitterhSamh. Handl., 8: 17 (*Syrphus*). Type-localities: "Göteborg", "Kärralund" (Sweden).
- picea** (FALLÉN, 1817): Syrphici Sveciae: 24 (*Syrphus*). Type-locality: "in Scania, in Svecia superiori" (Sweden).—Distr.: Europe: S, SF.
- pigaliza** VILOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 79 (*Eristalis*). Type-locality: Altai, Teletskoe Lake, environs of village Artybash.—Distr.: USSR: WS (Altai).
- pratorum** MEIGEN, 1822: Syst. Besch., 3: 393 (*Eristalis*). Type-localities: "Österreich" (Austria); "auch hier" (?Stolberg near Aachen) [D].—Distr.: Europe: SF, DK, NL, B, D, PL, CS, F, A, H, P, E, I, R, BG; USSR: CET, SET, TC, SMA (Ki), WS (Altai); North Africa: Morocco, Algeria.
- nigroantennata* SCHUMMEL, 1844: Uebers. schles. Ges. vaterl. Kult., 1843: 191 (*Eristalis*). Type-locality: "an der Hungerlehne . . . um Breslau" [= near Wrocław] (Poland).
- pascuorum* RONDANI, 1857: Dipt. Ital. Prodrumus, 2: 41 (*Eristalis*, as new name for *pratorum*).
- rabida** VILOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 74 (*Eristalis*). Type-locality: Amur region, Klimoutzy, 40 km W Svobodnyi.—Distr.: USSR: ES (Yakutia), FE (Amur region, Khabarovsk and Primorye Territories).
- rossica** STACKELBERG, 1958: Trudy zool. Inst., Leningr., 24: 199 (*Eristalis*). Type-locality: Leningrad region, Luga district: Tolmachevo, Luga.—Distr.: USSR: CET, WS, ES, FE; Asia: Mongolia, China.

- rubix** VIOLOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 78 (*Eristalis*). Type-locality: Altai, Belokurikha.—Distr.: USSR: WS (Altai).
- rupium** FABRICIUS, 1805: Syst. antl.: 241 (*Eristalis*). Type-locality: "Germania".—Distr.: Europe: from Scandinavia to E, I, YU, BG, GR; USSR: NET, CET, SET, TC, WS, ES; Asia: Mongolia; Canary Is; Nearctic Region.
- hybrida* KANERVO, 1938: Annlis Univ. turku., (A) 6(4): 18 and 27 (*Eristalis*, as subsp. of *rupium*). Type-localities: "Finland: Ab, N, Ka, Kl, Ta, Oa, Sb, Ks (Kuusamo, Paanajärvi), Kpoc (Solovetsk), Lkem (Kemijärvi, Muonio, Kittilä), Lps (Petsamo), Lapponia" (Finland plus Karelia and Murmansk region of USSR), "Mittlerussland".
- infuscata* KANERVO, 1938: Annlis Univ. turku., (A) 6(4): 19 and 28 (*Eristalis*, as var. of *rupium*). Type-localities: "Finland: Ab. Karjalohja (Finland), Kl. Sortovalva (Karelia, USSR)", "Österreich" (Austria).
- nigrofasciata* KANERVO, 1938: Annlis Univ. turku., (A) 6(4): 19 and 28 (*Eristalis*, as var. of *rupium*). Type-locality: "Ostfinland: Kl. Sortovalva" (Karelia, USSR).
- nigrotarsata* KANERVO, 1938: Annlis Univ. turku., (A) 6(4): 18 and 28 (*Eristalis*, as var. of *rupium*). Type-localities: "Finland: Ab. Karjalohja, Ta. Loppi, Sb. Kuopio, Kb. Kontiolahti (Finland), Kl. Sortovalva (Karelia, USSR)"; "Norwegen" (Norway).
- stackelbergi** DOLEŽIL et ROZKOŠNÝ, 1967: Acta ent. bohemoslov., 64(3): 219 (*Eristalis*). Type-locality: "Vihorlat, Remetske Hamre" (Czechoslovakia).—Distr.: Europe: CS.
- tammensis** BAGATSHANOVA, 1980: Ent. Obozr., 59(2): 425 (*Eristalis*). Type-locality: Khaptagai, 35 km SE Yakutsk, right bank of the r. Lena.—Distr.: USSR: ES (Yakutia).
- tibetica** VIOLOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 125 and Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 71 (*Eristalis*). Type-locality: Tibet, valley of the r. Dzhagyn-Gol.—Distr.: Asia: China (Tibet).
- tundrarum** FREY, 1932: Notul. ent., 12: 81 (*Eristalis*). Type-localities: "Finland: Le. Kilpisjärvi, Jehkatsch, reg. subalpina, Malla, reg. alpina . . . und Siilastupa. Kola Halbinsel: Lt. Kola . . . Lmur. Gavrilovo . . . Lp. Ponoj . . . Lim. Kandalakscha . . . -Insel Solovetsk" (Finland, USSR).—Distr.: Europe: SF; USSR: NET, WS (Altai), ES (tundra), FE (Chukotka, Prikolymye, Kamchatka).
- usta** WOLLASTON, 1858: Ann. Mag. nat. Hist., (3) 1(2): 115 (*Eristalis*). Type-locality: "Madeira proper".—Distr.: Madeira.
- vallei** (KANERVO, 1934): Annlis Soc. zool.-bot. fenn. "Vanamo", 14(5): 130 (*Eristalomyia*). Type-localities: "Salmijarvi, Pummanki (Murmansk region, USSR); Kilpisjärvi, Inari (Finland)", "Lule-Lappmark" (Sweden); "Halbinsel Kola" (Kola peninsula, USSR).—Distr.: Europe: SF; USSR: NET, North Siberia.

- vitripennis** STROBL, 1893: Mitt. naturw. Ver. Steierm., **29**: 187 (*Eristalis*). Type-localities: "Sunk . . . , von Turrach zum Almsee, . . . Schafferweg bei Admont" (Austria).—Distr.: Europe: N, SF, GB, DK, NL, B, A, R; USSR: CET, SET, SMA (Ki), WS (Altai), ES (Yakutia, Transbaikal).
- fennica* KANERVO, 1938: Annlis Univ. turku., (A) **6**(4): 19 and 32 (*Eristalis*, as subsp. of *vitripennis*). Type-localities: "Finland: N. Huopalahti; Lk. Pyhäjärvi; Ta. Loppi, Ylöjärvi" (Finland).
- pseudorupium* KANERVO, 1938: Annlis Univ. turku., (A) **6**(4): 18, 33 (*Eristalis*, as var. of *vitripennis*). Type-localities: "Finland: Kl. Sortovalva (Karelia, USSR); Li. Lemmenjoki (Finland)".

Subgenus ERISTALIS LATREILLE, 1804

- proserpina** WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., **2**: 157 (*Eristalis*). Type-locality: "China".—Distr.: Asia: China; Oriental Region.
- tenax** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 591 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: from Scandinavia to P, E, I, YU, GR; USSR: from Kola peninsula to TC and from Baltic Sea to Far East; Asia: from Turkey to Japan; North Africa; Madeira, Canary Is, Azores; Cosmopolitan.
- interrupta* (PODA, 1761): Insect. Mus. Graecensis: 118 (*Conops*). Type-locality: not given ("ad Graecium") [= near Graz] (Austria).
- fusca* (SCOPOLI, 1763): Entom. carniolica: 355 (*Conops*); unjustified new name for *interrupta* PODA, 1761.
- vulgaris* (SCOPOLI, 1763): Entom. carniolica: 354 (*Conops*). Type-locality: not given (Carniolia) (NE Yugoslavia).
- porcina* (DE GEER, 1776): Mém. Ins., **6**: 98 (*Musca*); unjustified new name for *tenax* LINNAEUS, 1758.
- obfuscata* (GMELIN, 1790): Syst. Nat., Ed. 13, **1**(5): 2880 (*Musca*); unjustified new name for *Conops fuscus* SCOPOLI, 1763.
- campestris* MEIGEN, 1822: Syst. Besch., **3**: 387 (*Eristalis*). Type-locality: "Österreich" (Austria).
- hortorum* MEIGEN, 1822: Syst. Besch., **3**: 387 (*Eristalis*). Type-locality: not given (Europe).
- sylvatica* MEIGEN, 1822: Syst. Besch., **3**: 388 (*Eristalis*). Type-locality: "Österreich" (Austria).
- vulpina* MEIGEN, 1822: Syst. Besch., **3**: 388 (*Eristalis*). Type-locality: "Österreich" (Austria).
- sinensis* WIEDEMANN, 1824: Analecta ent.: 37 (*Eristalis*). Type-locality: "China".
- ventralis* THOMSON, 1869 in K. svenska fregatten Eugénies resa, **2**(1): 489 (*Eristalis*). Type-locality: "China".
- alpina* STROBL, 1909: Mitt. naturw. Ver. Steierm., **46**: 106 (*Eristalis*, as var. of *tenax*). Type-locality: "Alpenwiesen des Pyrgas" (Austria).

claripes SANTOS ABREU, 1924: *Mems R. Acad. Cienc. Artes, Barcelona*, (3) 19(1): 104 (*Eristalis*, as var. of *tenax*). Type-locality: "isla de Tenerife" (Canary Is).

Doubtful species of *Eristalis*

- auricalcica* (RONDANI, 1865): *Atti Soc. ital. Sci. nat., Milano*, 8: 129 (*Eristalomyia*). Type-locality: "in Aprutio" [= Abruzzi] (Italy).
- chipsanii* MATSUMURA, 1911: *J. Coll. Agric. Hokkaido imp. Univ.*, 4(1): 76 (*Eristalis*). Type-locality: "Chipsani" [= Ozerskiy] (Sakhalin).
- germanica* SACK, 1935: *Verh. Ver. naturw. Heimatforsch. Hamburg*, 24: 162 (*Eristalis*). Type-localities: "Norddeutschland, vor allem aus Schleswig-Holstein und der Umgegend von Hamburg" [D].
- murorum* (FABRICIUS, 1794): *Entom. syst.*, 4: 288 (*Syrphus*). Type-locality: "Barbaria" (NW Africa).
- nigrifrontis* BRULLÉ, 1833: *Expéd. Sci. Morée*, 3(1): 309 (*Eristalis*). Type-locality: "environs de Messène" [= Peloponnes] (Greece).
- nili* RONDANI, 1850: *Nuovi Ann. Sci. nat. Ist. Bologna*, (3) 2: 166 (*Eristalis*). Type-locality: "Aegyptus" (Egypt).
- nitidiventris* (ZETTERSTEDT, 1843): *Dipt. Scand.*, 2: 665 (*Syrphus*). Type-locality: "in Gottlandia . . . ; ad Lummelund" (Sweden).
- senilis* SACK, 1933: *Ark. Zool.*, 26A(1): 6 (*Eristalis*). Type-locality: "S.Kansu" (SW China).

Kertesziomyia SHIRAKI, 1930

- SHIRAKI, 1930: *Mem. Fac. Agric. Taihoku imp. Univ.*, 1: 151.
Type-species: *Eristalis violascens* KERTÉSZ, 1913: *Annl. hist.-nat. Mus. natn. hung.*, 11: 282 (orig. des.).
- calliphoroides* SHIRAKI, 1968: *Fauna jap. Syrphidae*, 3: 152 (*Kertesziomyia*). Type-locality: "Amami-Ōshima" (Japan).—Distr.: Asia: Japan (Amami-Ōshima).
- violascens* (KERTÉSZ, 1913): *Annl. hist.-nat. Mus. natn. hung.*, 11: 282 (*Eristalis*). Type-localities: "Kosempo, Fuhosho, Polisha und Alikang" (Taiwan).—Distr.: Asia: China (E Tibet); Oriental Region (Taiwan).

Phytomyia GUÉRIN-MÉNEVILLE, 1834

- GUÉRIN-MÉNEVILLE in BÉLANGER, 1834: *Voyage aux Indes Orient.*, *Zool.*: 509.
Type-species: *Eristalis chrysopygus* WIEDEMANN, 1819: *Zool. Mag., Kiel*, 1: 15 (mon.); not Palaearctic.
- Megaspis* MACQUART, 1842: *Dipt. exot., Suppl.* 2(2): 27. Type-species: *Eristalis chrysopygus* WIEDEMANN, 1819: *Zool. Mag., Kiel*, 1: 15 (des. BRUNETTI, 1923: *Fauna of India, Diptera*, 3: 196).
- errans* (FABRICIUS, 1787): *Mantissa insect.*, 2: 337 (*Syrphus*). Type-locality: "China".—Distr.: Asia: China, Japan; Oriental Region.
- varipes* (MACQUART, 1842): *Mém. Soc. Sci. Agric. Lille*, 1841(1): 106 and *Dipt. exot.*, 2(2): 46 (*Eristalis*). Type-localities: "Des Indes orientales et de la Chine".

- [*amphicrates* (WALKER, 1849): List Dipt. Brit. Mus., 3: 623 (*Eristalis*). Type-localities: "North Bengal; Java; East Indies; China".]
- zonata** (FABRICIUS, 1787): Mantissa insect., 2: 337 (*Syrphus*). Type-locality: "China".—Distr.: USSR: FE (Primorye Territory); Asia: NE China, Korea, Japan; Oriental Region.
- sinensis* (GMELIN, 1790): Syst. Nat., Ed. 13, 1(5): 2872 (*Musca*); unjustified new name for *Syrphus zonata* FABRICIUS, 1787.
- zonalis* (FABRICIUS, 1794): Entom. syst., 4: 294 (*Syrphus*); unjustified emendation for *zonata* FABRICIUS, 1787).
- datamus* (WALKER, 1849): List Dipt. Brit. Mus., 3: 628 (*Eristalis*). Type-locality: not given.
- cingulata* (VOLLENHOVEN, 1863): Versl. Meded. K. Akad. wet. Amst., 15: 12 (*Megaspis*). Type-locality: "Japan".

Pleskeola STACKELBERG, 1924

STACKELBERG, 1924: Wien. ent. Ztg, 41: 25.

Type-species: *Pleskeola sibirica* STACKELBERG, 1924: l.c.: 25 (orig. des.).

sibirica STACKELBERG, 1924: Wien. ent. Ztg, 41: 25 (*Pleskeola*). Type-locality: "Sibiria centralis, Obj-Enissejskij kanal, septen. et orientem versus Enisseisk".—Distr.: USSR: WS, ES (Yakutia).

Simoides LOEW, 1858

LOEW, 1858: Öfvers. K. VetenskAkad. Förh., 14(9): 382.

Type-species: *Eristalis crassipes* FABRICIUS, 1805: Syst. antl.: 237 (des. HULL, 1949: Trans. zool. Soc. Lond., 26: 399) [= *pachymera* (WIEDEMANN, 1819)]; not Palearctic.

Simioides: variant spelling of *Simoides* LOEW.

expletus LOEW, 1858: Öfvers. K. VetenskAkad. Förh., 14(9): 382 (*Simoides*). Type-locality: "Nubia".—Distr.: Africa: Egypt; Afrotropical Region (Sudan).

villipes LOEW, 1858: Öfvers. K. VetenskAkad. Förh., 14(9): 382 (*Simoides*). Type-locality: "Nubia".—Distr.: Africa: Egypt; Afrotropical Region (Sudan).

Subtribe Helophilina

Arctosyrphus FREY, 1918

FREY, 1918: Acta Soc. Fauna Flora fenn., 46(2): 15.

Type-species: *Arctosyrphus nitidulus* FREY, 1918: l.c.: 16 (orig. des.) [= *willingii* (SMITH, 1912)].

- willingii** (SMITH, 1912): Proc. ent. Soc. Wash., **14**(3): 118 (*Helophilus*). Type-locality: "from Regina, in the Saskatchewan region, Canada".—Distr.: USSR: NET, WS, ES; Nearctic Region.
- nitidulus** FREY, 1918: Acta Soc. Fauna Flora fenn., **46**(2): 16 (*Arctosyrphus*). Type-localities: "in der Stadt Archangelsk . . . , nahe dem Dorfe Kandalaksha auf Kola Halbinsel" (USSR: Arkhangelsk and near Kandalaksha, Kola peninsula).

Helophilus MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., **3**: 368.

Type-species: *Musca pendula* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 591 (des. CURTIS, 1832: Brit. Ent., **9**: pl. 429).

Eurimyia BIGOT, 1883: Anns. Soc. ent. Fr., (6) **3**, Bull.: XX. Type-species: *Eurimyia rhingiolidis* BIGOT, 1883: l.c.: XXI (mon.) [= *lineata* (FABRICIUS, 1787)]. Published in March 1883.

Eurhimyia BIGOT, 1883: Anns. Soc. ent. Fr., (6) **3**: 226 and 230. Type-species: *Rhingia lineata* FABRICIUS, 1787: Mantissa insect., **2**: 357 (orig. des.). Published in October 1883.

Eurinomyia MIK, 1897: Wien. ent. Ztg, **16**(2): 115; unjustified emendation.

Anasimyia SCHINER, 1864: see below as subgenus.

Kirimyia BIGOT, 1882: see below as subgenus.

Parhelophilus GIRSCHNER, 1897: see below as subgenus. [For discussion of nomenclature problems see WIRTH, et al., 1965: 604, 617, 622.]

Subgenus **ANASIMYIA** SCHINER, 1864

SCHINER, 1864: Catal. syst. dipt. Europ.: 108.

Type-species: *Musca transfuga* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 594 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 506).

contractus (CLAUSSEN et TORP PEDERSEN, 1980): Mitt. zool. Mus. Univ. Kiel, **1**(4): 4 (*Anasimyia*). Type-locality: "Dänemark, WJS: Graerup Langso vest".—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, H; USSR: CET (Est, Leningrad region, La, Li).

interpunctus (HARRIS, [1776]): Expos. Eng. Ins.: 59, pl. XV, fig. 13 (*Musca*). Type-locality: not given (England).—Distr.: Europe: S, SF, GB, DK, NL, B, D, A, H; USSR: CET, SET, KZ (Ural, Yanvartsevo).

inundatus VILOVITSH, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 82 (*Helophilus (Anasimyia)*). Type-locality: Tomsk region, village Kolomino, valley of the r. Obj near Kuzurovo.—Distr.: USSR: WS (Tomsk and Novosibirsk regions, Altai, West Sayan, Tuva), ES, FE (Chukotka, Kamchatka, Primorye Territory).

- lineatus** (FABRICIUS, 1787): Mantissa insect., 2: 357 (*Rhingia*). Type-locality: "Hafniae" [= Copenhagen] (Denmark).—Distr.: Europe: N, S, IRE GB, DK, NL, B, D, PL, F, CH, A, H, I, YU, R, BG; USSR: NET, CET, SET, WS, ES, FE; Asia: Mongolia.
- muscarius** (FABRICIUS, 1794): Entom. syst., 4: 375 (*Rhingia*). Type-locality: "Germania".
- femoratus** (PANZER, [1794]): Faunae insect. germ., Fasc. 20: 24 (*Musca*). Type-locality: not given (Germany).
- rhingoidis** (BIGOT, 1883): Anns Soc. ent. Fr., (6) 3, Bull.: XXI (*Eurimyia*). Type-locality: "aux coteaux d'Orival" (France).
- lunulatus** MEIGEN, 1822: Syst. Besch., 3: 370 (*Helophilus*). Type-locality: not given (Europe).—Distr.: Europe: N, SF, IRE, GB, DK, NL, B, D, PL, CS, F, CH, A, H, YU, BG; USSR: CET, SET, TC, SMA (Ki), WS, ES, FE; Asia: Japan (Hokkaido); Nearctic Region.
- japonicus** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 167 (*Eurinomyia*). Type-localities: "Hokkaido (Sapporo und Tomakomai)" (Japan).
- oblongus** VILOVITSH, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 84 (*Helophilus (Anasimyia)*). Type-locality: Tuva, Sug-Aksy (W Siberia).—Distr.: USSR: WS (Tuva).
- pygmaeus** VILOVITSH, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 84 (*Helophilus (Anasimyia)*). Type-locality: Sakhalin, village Ilinskoe.—Distr.: USSR: FE (Sakhalin, Kuril Is).
- smirnovi** (STACKELBERG, 1924): Wien ent. Ztg, 41: 27 (*Tubifera (Eurynomyia)*). Type-localities: "inter lacum Itshe et flumen Oregyn in Tzaidamo septentrionali, deserta Gobi".—Distr.: USSR: WS (Tuva), ES (Buryatia); Asia: Mongolia, China (Gobi, Tsaidam).
- subtransfugus** STACKELBERG, 1963: Stuttg. Beitr. Naturk., No. 113: 4 (*Helophilus (Eurinomyia)*). Type-locality: "Kurgan-Tjube, S.Tajikistan".—Distr.: USSR: SMA (Tu, Tj).
- transfugus** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 594 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, CS, F, A, H, YU, R, BG; USSR: CET, SET, TC, WS (Tuva).

Subgenus HELOPHILUS MEIGEN, 1822

- affinis** WAHLBERG, 1844: Öfvers. K. VetenskAkad. Förh., 1(5): 64 (*Helophilus*). Type-locality: "in convallibus deustis alpis Walli prope templum Quickjok, Lapponiae Lulensis" [= near Kvikkjokk] (Sweden).—Distr.: Europe: N, S, SF, DK, D, PL; USSR: NET, CET, WS, ES, FE; Asia: Mongolia.
- siebkei** VERRALL, 1901: British Flies, 8, Catalogue: 86 (*Helophilus*, new name for *H. borealis* SIEBKE, 1863, a junior primary homonym of *Helophilus borealis* STAEGER, 1845).

- borealis* SIEBKE, 1863: Nytt Mag. Naturvid.: 156 (*Helophilus*). Type-locality: "ved Vaarstien" (Sweden).
- altaicus** VIOLOVITSH, 1973: Novye i maloizvestnye vidy fauny Sibiri, 6: 96 (*Helophilus*). Type-locality: Altai, Abay (in the explanation of figure) (W Siberia).—Distr.: USSR: WS (Altai).
- arcticus** ZETTERSTEDT, 1838: Insecta Lapp.: 595 (*Helophilus*). Type-localities: "ad Lycksele Lapponiae Umensis et Muonioniska Lapponiae Tornensis . . . ; in alpibus Dowreensibus Norvegiae . . . (Lapponia)" (Sweden, Norway).—Distr.: Europe: N, S.
- borealis** STAEGER, 1845: Naturh. Tidsskr., (2) 1: 359 (*Helophilus*). Type-locality: not given (Greenland).—Distr.: Europe: N, S; USSR: NET, N Siberia; Nearctic Region.
- glacialis* LOEW, 1846: Stettin. ent. Ztg, 7: 121 (*Helophilus*). Type-locality: Alaska.
- bottnicus** WAHLBERG, 1844: Öfvers. K. VetenskAkad. Förh., 1(5): 65 (*Helophilus*). Type-localities: "Råbäcken, paroeciae Öfver-Luleå, Bottniae borealis . . . , . . . Storsand" (Sweden).—Distr.: Europe: S; USSR: WS (Altai), ES (Yakutia, Transbaikal), FE (Chukotka).
- citricornis** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 214 (*Helophilus*). Type-locality: "Oze" (Japan).—Distr.: Asia: Japan (Honshu).
- continuus** LOEW, 1854: Programm K. Realschule zu Meseritz, 1854: 18 (*Helophilus*). Type-locality: "Sibirien" (USSR, Siberia).—Distr.: USSR: TC, KZ, SMA (Uz, Tu, Ki, Tj), WS (Tuva), ES (Pribaikalye), FE (Kamchatka, Primorye Territory); Asia: Mongolia, Afghanistan.
- groenlandicus** (FABRICIUS, 1780): Fauna Groenland.: 208 (*Tabanus*). Type-locality: "Groenl. Milluiak" (Greenland).—Distr.: Europe: S, SF, GB, DK, PL; USSR: NET, CET, North Siberia from Ural to Chukotka; Nearctic Region.
- hybridus** LOEW, 1846: Stettin. ent. Ztg, 7: 141 (*Helophilus*). Type-localities: "das mittlere und nördliche Europa".—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, BG; USSR: NET, CET, SET, WS, ES, FE; Asia: Mongolia; Nearctic Region.
- novaescotiae* MACQUART, 1847: Mém. Soc. Sci. Agric. Lille, 1846: 76 and Dipt. exot., suppl., 2: 60 (*Helophilus*). Type-locality: "Nouvelle-Écosse".
- henricii* SCHNABL, 1880: Wiad. nauk przyr., 1(1880): 13 (*Helophilus*). Type-localities: "w okolikach Minska na Litwie" . . . , "w okolikach Warszawy, na prawym brzegu Wisly, przy Okuniewe"; "na stacyi Milosna w okolikach Warszawy".
- lapponicus** WAHLBERG, 1844: Öfvers. K. VetenskAkad. Förh., 1(5): 65 (*Helophilus*). Type-locality: "alpis Walli prope templum Quickjok, Lapponiae Lulensis" [=near Kvikkjokk] (Sweden).—Distr.: Europe: N, S, SF; USSR: NET (Komi ASSR), WS (Tuva, Lower stream of the r. Ob), FE (Chukotka, Kamchatka, Sakhalin, Kuril Isl).

- limosus** VIOLOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 87 (*Helophilus*). Type-locality: Island Begichev (Khatanginskiy Bay, Laptev Sea) (E Siberia).—Distr.: USSR: ES.
- parallelus** (HARRIS, [1776]): Expos. Eng. Ins.: 57 (*Musca*). Type-locality: not given (England).—Distr.: Europe: from Scandinavia to E, I, YU, R; USSR: CET, SET, TC, KZ, SMA, WS, ES, FE; Asia: Mongolia, China, Iran, Afghanistan.
- trivittatus* (FABRICIUS, 1805): Syst. antl.: 235 (*Eristalis*). Type-locality: "Austria".
- camporum* MEIGEN, 1822: Syst. Besch., 3: 372 (*Helophilus*). Type-locality: not given (Europe).
- solitarius* RONDANI, 1857: Dipt. Ital. Prodrum, 2: 50 (*Helophilus*). Type-locality: "in collibus subapenninis ditionis parmensis" [= region of Parma] (Italy).
- pendulus** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: from Kola peninsula to Crimea, TC, WS, ES, FE.
- trilenvus* (HARRIS, [1776]): Expos. Eng. Ins.: 58 (*Musca*). Type-locality: not given (England).
- trilineatus* (HARRIS, [1776]): Expos. Eng. Ins.: 58 (*Musca*). Variant spelling in the French text.
- praecox* (ROSSI, 1790): Fauna Etrusca, 2: 294 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).
- similis* CURTIS, 1832: Brit. Ent., 8: 429 (*Helophilus*). Type-locality: "Dover" (Great Britain).
- sapporensis** MATSUMURA, 1911: J. Coll. Agric. Hokkaido imp. Univ., 4(1): 75 and Thousand Ins. Japan, Add. 2, 1916: 245 (*Helophilus*, as var. of *pendulus* LINNAEUS). Type-locality: "Naiptchi" [= Sakhalin: Bykov].—Distr.: USSR: FE (Sakhalin, Kuril Is, Khabarovsk and Primorye Territories); Asia: Japan (Hokkaido).
- lateralis* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 247 (*Helophilus*). Type-locality: "Hokkaido (Sapporo)".
- sibiricus** SMIRNOV, 1923: Zool. Anz., 56(3/4): 86 (*Helophilus*, as subsp. of *pendulus* LINNAEUS). Type-locality: "vom östlichen Ufer des Baikalsees (Golf Tshiverskiy)" (Lake Baikal) (E Siberia, USSR).—Distr.: USSR: WS, ES, FE; Asia: Mongolia.
- roerichi* VIOLOVITSH, 1977: Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 85 (*Helophilus*). Type-locality: Tuva, r. Sug-Aksy (W Siberia).
- turanicus** SMIRNOV, 1923: Zool. Anz., 56(3/4): 85 (*Helophilus*, as subsp. of *pendulus* LINNAEUS). Type-localities: "Iskander, Prov. Samarkand; Tashkent" (Uzbekistan, USSR).—Distr.: USSR: SMA (Ki, Uz, Tj).

- biguttatus* (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 64 (*Tubifera*). Type-locality: "Djarkent, Turkestan" [= Panfilov, Taldy-Kurgan region] (Kazakhstan).
- trizonus* (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 65 (*Tubifera*). Type-locality: "Djarkent, Turkestan" [= Panfilov, Taldy-Kurgan region] (Kazakhstan).
- virgatus** COQUILLET, 1898: Proc. U.S. natn. Mus., **21**: 326 (*Helophilus*). Type-locality: not given (Japan).—Distr.: USSR: FE (Sakhalin, Kuril Is, Primorye Territory); Asia: Japan (Hokkaido, Honshu, Kyushu); China.
- frequens* MATSUMURA, 1905: Thousand Ins. Japan, **2**: 103 (*Helophilus*). Type-localities: "Hokkaido, Honshu" (Japan).
- zodinus** MATSUMURA, 1931: 6000 illustr. Ins. Jap. Emp.: 341 (*Helophilus*). Type-locality: "Honshu" (Japan).—Distr.: Asia: Japan (Honshu).

Subgenus KIRIMYIA BIGOT, 1882

- BIGOT, 1882: Annls Soc. ent. Fr., (6) **2**, Bull.: CXXXVI.
Type-species: *Kirimyia eristaloidea* BIGOT, 1882: l.c.: CXXXVI (mon.).
- eristaloideus** (BIGOT, 1882): Annls Soc. ent. Fr., (6) **2**, Bull.: CXXXVI (*Kirimyia*). Type-locality: "Japon".—Distr.: Asia: Japan (Kyushu).
- eristaloides* (BIGOT, 1883): Annls Soc. ent. Fr., (6) **3**: 347 (*Kirimyia*). Type-locality: "Japon".

Subgenus PARHELOPHILUS GIRSCHNER, 1897

- GIRSCHNER, 1897: Illte Wschr. Ent., **2**: 604 (as subgenus of *Helophilus* MEIGEN, 1822).
Type-species: *Syrphus frutetorum* FABRICIUS, 1775: Syst. entom.: 765 (des. CURRAN and FLUKE, 1926: Trans. Wis. Acad. Sci. Arts Lett., **22**: 230).
- consimilis** MALM, 1863: Göteborgs K. Vetensk.-o. VitterhSamh. Handl., **8**: 80 (*Helophilus*). Type-locality: "Stadsvassen" (Sweden).—Distr.: Europe: N, S, SF, GB, DK, NL, B, D, PL, F, I; USSR: CET, WS, ES.
- frutetorum** (FABRICIUS, 1775): Syst. entom.: 765 (*Syrphus*). Type-locality: "Anglia".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC, KZ, SMA (Ki), WS, ES.
- femoralis* (FALLÉN, 1817): Syrphici Sveciae: 31 (*Syrphus*). Type-locality: "In paroecia Farhult Scaniae" (Sweden).
- xanthopygus* LOEW, 1846: Stettin. ent. Ztg, **7**: 149 (*Helophilus*, as var. of *frutetorum*). Type-locality: "Syrakus" (Syracuse, Sicily) (Italy).
- insignis** VIOLOVITSH, 1979: Chlenistonogie i helminty (Novye i maloizvestnye vidy fauny Sibiri, 13): 80 (*Helophilus* (*Parhelophilus*)). Type-locality: South-

ern Primorye, environs of the bay Posyet, village Vityaz".—Distr.: USSR: FE (Primorye Territory).

kurentzovi (VIOLOVITSH, 1960): Ent. Obozr., **39**(1): 207 (*Parhelophilus*). Type-locality: Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin, Kuril Is, Primorye Territory).

obscurior (VIOLOVITSH, 1960): Ent. Obozr., **39**(1): 209 (*Parhelophilus*). Type-locality: Island Sakhalin, Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin, Kuril Is).

versicolor (FABRICIUS, 1794): Entom. syst., **4**: 283 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, F, A, H, P, E, I, YU, R, BG; USSR: CET, SET, TC, KZ, SMA (Ki), WS.

almasyi (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 65 (*Parhelophilus*, as "*almási*"). Type-locality: "Djarkent, Turkestan" [= Panfilov, Taldy-Kurgan region] (Kazakhstan).

Lejops RONDANI, 1857

RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 33.

Type-species: *Mallota vittata* MEIGEN, 1822: Syst. Besch., **3**: 378 (orig. des.).

Liops VERRALL in SCUDDER, 1882: Nomencl. Zool.: 190; unjustified emendation.

vittatus (MEIGEN, 1822): Syst. Besch., **3**: 378 (*Mallota*). Type-locality: "Österreich" (Austria).—Distr.: Europe: GB, DK, NL, B, D, PL, F, A, H, YU, R, BG; USSR: SET (Rostov region), KZ, SMA (Tu, Uz, Ki, Tj), WS, ES, FE.

ruddii (CURTIS, 1832): Brit. Ent., **9**: 429 (*Helophilus*). Type-locality: "near Yarmouth, in Norfolk" (Great Britain).

Mallota MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., **3**: 377.

Type-species: *Syrphus fuciformis* FABRICIUS, 1794: Entom. syst., **4**: 290 (des. RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 452).

Zetterstedtia RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 452. Type-species: *Syrphus cimbiciformis* FALLÉN, 1817: Syrphici Sveciae: 27 (orig. des.).

Paramesembrius SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 176 (as subgenus of *Mesembrius* RONDANI, 1857). Type-species: *Tubifera abdominalis* SACK, 1927: Stettin. ent. Ztg, **88**: 314 (des. SHIRAKI, 1968: Fauna jap. Syrphidae, **3**: 227).

Pseudomallota SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**: 187 (as subgenus of *Mallota* MEIGEN, 1822). Type-species: *Mallota tricolor* LOEW, 1871: Besch. europ. Dipt., **2**: 234 (orig. des.).

Pseudomerodon SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**: 189 (as subgenus of *Mallota* MEIGEN, 1822). Type-species: *Mallota takasagoensis*

- MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 203, pl. XVI, fig. 18 (orig. des.).
- Bombozelosis* ENDERLEIN, 1934: Sber. Ges. naturf. Freunde Berl., 1934(4-7): 186.
Type-species: *Bombozelosis koreana* ENDERLEIN, 1934: l.c.: 186 (orig. des.).
- abdominalis** (SACK, 1927): Stettin. ent. Ztg, 88: 314 (*Tubifera*). Type-localities: "aus Suisharyo und Kankau" (Taiwan).—Distr.: Asia: Japan (Honshu, Shikoku, Kyushu); Oriental Region.
- aino** VIOLOVITSH, 1952: Soobshcheniya Dalnevostochnogo filiala AN SSSR, 4: 56 (*Mallota*). Type-localities: Dolinsk district, on the Pass between Yuzhno-Sakhalinsk and Tonnyay, 15 km O Yuzhno-Sakhalinsk; Poronaysk district.—Distr.: USSR: FE (Sakhalin).
- ambigua** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 238 (*Imatisma*). Type-locality: "Takao-san, Tokyo".—Distr.: Asia: Japan (Honshu).
- analis** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 241 (*Imatisma*). Type-locality: "Yakushima Is." (Japan).—Distr.: Asia: Japan.
- auricoma** SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., 1910: 36 (*Mallota*). Type-locality: "Altai—Beresowski" (W Siberia).—Distr.: USSR: CET, SMA (Ki), WS (Altai, Tomsk region), ES (Pribaikalye), FE (Khabarovsk and Primorye Territories); Asia: N China (Altai), Mongolia.
- bicolor** SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., 1910: 35 (*Mallota*). Type-locality: "Ussuri (Sibirien)".—Distr.: USSR: FE (Sakhalin, Kuril Is, Khabarovsk and Primorye Territories); Asia: NE China.
- bucharica** STACKELBERG, 1950: Ent. Obozr., 31(1-2): 288 (*Mallota*). Type-locality: Eastern Turkmenia: Farab.—Distr.: USSR: SMA (Tu, Uz).
- cimbiciformis** (FALLÉN, 1817): Syrphici Sveciae: 27 (*Syrphus*). Type-locality: "Esperôd Scaniae" [= prov. Skåne] (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, F, E, I, YU, R; USSR: CET, SET (Ukraina, Crimea); Asia: N Iran; North Africa.
- eristoloides* LOEW, 1856: Programm K. Realschule zu Meseritz, 1856: 43 (*Mallota*). Type-localities: "Schweden, Deutschland, Italien".
- citrea** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 169 (*Mallota*). Type-locality: Southern Primorye, bay Vityaz.—Distr.: USSR: FE (Primorye Territory).
- curvigaster** (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, 1841(1): 122 and Dipt. exot., 2(2): 62 (*Helophilus*). Type-locality: "Java".—Distr.: Asia: China; Oriental Region.
- dimorpha** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 202 (*Imatisma*). Type-localities: "Japan—Hokkaido (Teshio, Josankei, Sapporo); Honshu (Tokyo, Chuzenji). Mandschurei—Shrei".—Distr.:

USSR: FE (Sakhalin, Kuril Is, Khabarovsk and Primorye Territories); Asia: NE China, Japan (Hokkaido, Honshu).

floreae VILOVITSH, 1952: Soobshcheniya Dalnevostochnogo filiala AN SSSR, **4**: 57 (*Mallota*). Type-locality: Poronaysk district (Sakhalin).

dusmeti ANDRÉU, 1926: Boln Soc. ent. Esp., **9**: 116 (*Mallota*). Type-locality: "Aranjuez, Rivas" (Spain).—Distr.: Europe: E.

crystaliformis SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., **1910**: 37 (*Mallota*). Type-locality: "Ussuri (Sibirien)".—Distr.: USSR: FE (Primorye Territory).

eurasiatica STACKELBERG, 1950: Ent. Obozr., **31**(1–2): 292 (*Mallota*). Type-localities: Sverdlovsk (Ural); Jakovlevka, Spassk district, Primorye region.—Distr.: USSR: CET, WS, ES, FE (Primorye Territory); Asia: ?Korea.

fuciformis (FABRICIUS, 1794): Entom. syst., **4**: 290 (*Syrphus*). Type-locality: "Gallia" (France).—Distr.: Europe: NL, B, D, PL, CS, F, A, E, I, YU, R; USSR: SET, TC; Asia: N Iran.

inopinata VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 83 (*Mallota*). Type-locality: Sakhalin, environs of Yuzhno-Sakhalinsk.—Distr.: USSR: FE (Sakhalin).

iyonis (EDASHIGE, 1965): Trans. Shikoku ent. Soc., **8**: 133, fig.3 and Iconograph. Ins. Jap. Colore nat. ed.: 207, pl.104, fig.2 (*Paramallota*). Type-locality: "Omogokei, Ehime Pref."—Distr.: Asia: Japan (Shikoku).

japonica MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 200, pl. XVI, fig.16 (*Mallota*). Type-localities: "Hokkaido (Sapporo), Honshu (Tokyo; Kyoto)".—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: Japan (Hokkaido, Honshu).

koreana (ENDERLEIN, 1934): Sber. Ges. naturf. Freunde Berl., **1934**(4–7): 186 (*Bombozelosis*). Type-locality: "Nord Korea (Ompo)".—Distr.: Asia: Korea.

coreana: (ENDERLEIN, 1937): Sber. Ges. naturf. Freunde Berl., **1936**(8–10): 434; error or emendation.

megilliformis (FALLÉN, 1817): Syrphici Sveciae: 27 (*Syrphus*). Type-localities: "Upsalia" [= Uppsala] (Sweden), "Ostrogothia" [= prov. Östergötland] (Sweden).—Distr.: Europe: N, S, SF, D, PL, F; USSR: CET, SET, WS (Altai), ES (Yakutia), FE (Primorye and Khabarovsk Territories).

munda VILOVITSH, 1955: Ent. Obozr., **34**: 355 (*Mallota*). Type-locality: Island Kunashir, Lake Lagunnoe, 15 km N Golovnino, environs of Alyokhino.—Distr.: USSR: FE (Kuril Is).

parvula STACKELBERG, 1926: Annu. Mus. zool. Acad. Sci. URSS, **26**(1/2): 89 (*Mallota*). Type-locality: "prope oppidum Farab Buchariae occidentalis" (Turkmenia).—Distr.: USSR: SMA (Tu, Uz).

brevipila HULL, 1944: J. Wash. Acad. Sci., **34**(12): 401 (*Mallota*). Type-locality: "Turkmenien" (USSR).

- rossica** PORTSCHINSKY, 1877: Trudy russk. ent. Obshch., **10**: 175 (*Mallota*). Type-locality: "Rossia media".—Distr.: USSR: CET (Yaroslavl and Orenburg regions).
- sera** STACKELBERG, 1950: Ent. Obozr., **31**(1–2): 288 (*Mallota*). Type-locality: China: environs of Tientsin.—Distr.: Asia: China.
- shirakii** PECK, 1985: Ent. Obozr., **64**(2): 396 (*Mallota*, new name for *Imatisma abdominalis* SHIRAKI, 1968, in *Mallota* a junior secondary homonym of *Tubifera abdominalis* (SACK, 1927)).—Distr.: Asia: Japan (Kyushu).
abdominalis (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 236 (*Imatisma*). Type-locality: "Okinoshima, Fukuoka Pref." (Japan, Kyushu).
- sogdiana** STACKELBERG, 1950: Ent. Obozr., **31**(1–2): 290 (*Mallota*). Type-locality: Uzbekistan: Samarkand region, Kuropatkino [= Bogarnoe].—Distr.: USSR: SMA (Ki, Uz).
- subcitrea** VIOLOVITSH, 1978: Taksonomiya i ekologiya chlenistonogikh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 12): 171 (*Mallota*). Type-locality: Southern Primorye, bay Vityaz.—Distr.: USSR: FE (Primorye Territory).
- tadzhikorum** STACKELBERG, 1950: Ent. Obozr., **31**(1–2): 289 (*Mallota*). Type-locality: Southern Tajikistan: Staraya Pristan near Dzhilikul.—Distr.: USSR: SMA (Tu, Tj).
- takasagoensis** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 203, pl. XVI, fig. 18 (*Mallota*). Type-localities: "Honshu (Takasago, Kyoto, Tokyo) and Kiushu (Kumamoto)".—Distr.: Asia: Japan (Honshu, Kyushu).
- tricolor** LOEW, 1871: Besch. europ. Dipt., **2**: 234 (*Mallota*). Type-locality: "die Gegend von Sarepta" [= environs of Krasnoarmeysk near Volgograd] (USSR).—Distr.: Europe: PL, DDR; USSR: CET, SET, WS, ES, FE (Sakhalin, Khabarovsk and Primorye Territories); Asia: Turkey, China.
- zarudniana** STACKELBERG, 1950: Ent. Obozr., **31**(1–2): 290 (*Mallota*). Type-locality: Arabistan, Sarkuh (Iran).—Distr.: Asia: Iran (Arabistan).

Mesembrius RONDANI, 1857

RONDANI, 1857: Dipt. Ital. Prodromus, **2**: 50.

Type-species: *Helophilus peregrinus* LOEW, 1846: Stettin. ent. Ztg, **7**: 118 (mon.).

- capensis** (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, **1841**(1): 122 and Dipt. exot., **2**(2): 62 (*Helophilus*). Type-locality: "Cap" (South Africa).—Distr.: North Africa: Egypt; Afrotropical Region.
- flaviceps** (MATSUMURA, 1905): Thousand Ins. Japan, Add. **2**: 104, pl. XXVI, fig. 14 (*Helophilus*). Type-localities: "Honshu, Shikoku, Kyushu".—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Hokkaido, Honshu, Shikoku, Kyushu), Korea.

- akakurensis* (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 246, pl.XVII, fig.22 (*Helophilus*). Type-locality: "Honshu (Akakura in the Prov. Shinano)".
- flavipes* SHIRAKI, 1930: Mem. Fac. Sci. Agric. Taihoku imp. Univ., 1(1): 169; error.
- niger* SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 225 (*Mesembrius*). Type-locality: "Musashiseki, Tokyo".—Distr.: Asia: Japan (Honshu), Korea.
- [*okinawaensis* SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 222 (*Mesembrius*). Type-locality: "Okinawa Is."—Distr.: Asia: Japan (S 30° NL).]
- peregrinus* (LOEW, 1846): Stettin. ent. Ztg, 7: 118 (*Helophilus*). Type-locality: "Sicilien, . . . bei Syrakus" [= Syracuse, Sicily] (Italy).—Distr.: Europe: D, DDR, F, A, H, I, YU, R, BG; USSR: SET (Uk), TC, KZ, SMA (Tu, Uz, Ki, Tj), WS, ES, FE; Asia: N China.
- sinensis* (MACQUART, 1855): Mém. Soc. Sci. Agric. Lille, 1854: 111 and Dipt. exot., suppl. 5: 91 (*Tropidia*). Type-locality: "Chine boréale".

Myathropa RONDANI, 1845

RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 453.

Type-species: *Musca florea* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 591 (orig. des.).

Myiathropa VERRALL in SCUDDER, 1882: Nomencl. Zool.: 218; unjustified emendation.

- florea* (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 591 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to P, E, I, YU, BG; USSR: from Arkhangelsk region to Crimea, TC, SMA (Tu, Tj), Siberia from Ural to Southern Primorye; Asia: Afghanistan; North Africa: Algeria; Canary Is, Azores.
- ablecta* (HARRIS, [1776]): Expos. Eng. Ins.: 41 (*Musca*). Type-locality: not given (England).
- atropos* (SCHRANK, 1776): Beitr. Naturg.: 94 (*Musca*). Type-localities: "um Linz als um Wien" [Linz, Vienna] (Austria).
- bigoti* (MACQUART, 1850): Mém. Soc. Sci. Agric. Lille, 1849: 445 and Dipt. exot., suppl. 4: 141 (*Helophilus*). Type-locality: "Egypte".
- nigrotarsata* (SCHINER, 1862): Fauna austr. Diptera, 1: 339 (*Helophilus*). Type-locality: "Kierling" (Austria).
- flavofemorata* (STROBL, 1902): Glasn. zemalj Mus. Bosni Herceg., 14(1): 479 and Wiss. Mitt. Bosn. Herzeg., 9(1904): 541 (*Myiathropa*, as var. of *florea*). Type-localities: "Ilidze, . . . ; Zara, . . . ; um Volosca, auch in Steiermark" [= Ilidža, Zadar and near Opatija] (Yugoslavia, Austria).
- nigrofasciata* (BECKER, 1907): Z. syst. Hymenopt. Dipterol., 7: 250 (*Myiathropa*, as var. of *florea*). Type-locality: "Algier" (Algeria).

- auripila* (BECKER, 1921): Mitt. zool. Mus. Berl., **10**: 53 (*Eristalomyia*). Type-locality: "Stavropol, Kaukasus" (USSR).
- nigrofemorata* (SANTOS ABREU, 1924): Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 115 (*Myiatropa*, as var. of *florea*). Type-locality: "isla de La Palma" (Canary Is).
- pygmaea* (SANTOS ABREU, 1924): Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 115 (*Myiatropa*, as var. of *florea*). Type-locality: "isla de La Palma, en el Barranco del Rio" (Canary Is).
- varifemorata* (SANTOS ABREU, 1924): Mems R. Acad. Cienc. Artes, Barcelona, (3) **19**(1): 115 (*Myiatropa*, as var. of *florea*). Type-locality: "isla de La Palma" (Canary Is).
- nigrolanata* (FREY, 1945): Commentat. biol., **8**(10): 57 (*Myiatropa*, as var. of *florea*). Type-locality: "Flor.: Ribeira Fazenda" (Azores).
- mallotiformis** (FREY, 1939): Ark. Zool., **31A**(4): 12 (*Myiatropa*). Type-locality: "Rabaçal" (Madeira).—Distr.: North Africa; Madeira, Azores.
- semenovi** (SMIRNOV, 1925): Ent. Mitt., **14**(3/4): 295 (*Myiatropa*). Type-locality: "aus dem Distrikte Tashkent" (USSR: Uzbekistan).—Distr.: USSR: KZ (south), SMA (Ki, Uz, Tj), WS (Altai).

Tribe Milesiini

Blera BILLBERG, 1820

BILLBERG, 1820: Enum. Insect.: 118.

Type-species: *Musca fallax* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 592 (des. JOHNSON, 1911: Psyche, **18**: 73).

Cynorrhina WILLISTON, 1887: Bull. U.S. natn. Mus., **31**: 209 (as subgenus of *Criorhina* MEIGEN, 1822). Type-species: *Milesia analis* MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, **1841**(1): 139 and Dipt. exot., **2**(2): 79 (orig. des.); not Palaearctic.

Cynorrhina VERRALL, 1901: British flies, **8**: 589; unjustified emendation.

eoa (STACKELBERG, 1928): Konowia, **7**(3): 255 (*Cynorrhina*). Type-localities: "Sibiria orientalis—prov. Austro-Ussuriensis, distr. Sutshanicus, prope pagum Tigrovaja . . . , distr. Spasskensis, inter pagos Odarka et Jakovlevka, ad fl. Ugodinza . . . ; paeninsula Kamtschatka, Kljutshevsk".—Distr.: USSR: FE (Sakhalin, Kamchatka, Khabarovsk and Primorye Territories).

fallax (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, S, SF, GB, DK, B, D, PL, CS, F, CH, A, I, YU, R, BG; USSR: NET, CET, SET, WS, ES, FE (Chukotka, Magadan region, Kamchatka, Khabarovsk Territory, Sakhalin); Asia: N China (Altai), Japan (Hokkaido).

- ruficaudis* (DE GEER, 1776): Mém. Ins., 6: 127 (*Musca*); unjustified new name for *M. fallax* LINNAEUS.
- semirufa* (FABRICIUS, 1794): Entom. syst., 4: 301 (*Syrphus*). Type-locality: "Germania".
- japonica** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 60 (*Cynorrhina*). Type-localities: "Japan (Iwate und Shinano)".—Distr.: USSR: FE (Sakhalin, Kuril Is, Primorye Territory); Asia: Japan (Hokkaido, Honshu, Korea).
- kyotoensis** (SHIRAKI, 1952): Mushi, 23(1): 3 (*Cynorrhina*). Type-locality: "Kyoto".—Distr.: Asia: Japan (Honshu).
- nigrescens** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 71 (*Blera*). Type-locality: "Nikosan, Fukuoka Pref.".—Distr.: Asia: Japan (Kyushu).
- nipponica** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 64 (*Blera*). Type-locality: "Teshio, Hokkaido".—Distr.: Asia: Japan (Hokkaido).
- nitens** (STACKELBERG, 1923): Supplta. ent., 9: 22 (*Cynorrhina*). Type-locality: "In Gubernio Tomskensi Sibiriae meridionalis, inter fl. Kysass et Abakan".—Distr.: USSR: CET (Sverdlovsk region), WS (Altai), ES, FE (Sakhalin, Khabarovsk and Primorye Territories); Asia: Korea.
- pallipes* (STACKELBERG, 1928): Konowia, 7(3): 254 (*Cynorrhina*, as var. of *nitens*). Type-localities: "distr. Irkutensis . . . ; Korea, syst. fluminis Jalu, inter Tshan-pen et Tadin-pen" (USSR: Irkutsk; Korea).
- ochrozona** (STACKELBERG, 1928): Konowia, 7(3): 256 (*Cynorrhina*). Type-locality: "prov. Austro-Ussuriensis Sibiriae orientalis, dist. Sutshanicus, pr. pagum Tigrovaja".—Distr.: USSR: FE (Primorye Territory).
- velox** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 126 (*Blera*). Type-locality: Altai, Lake Teletskoe, environs of village Artybash (W Siberia).—Distr.: USSR: WS (Altai).

Unplaced species of *Blera*

- basalis** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 101 (*Xylota*). Type-locality: "Kamikochi" (Japan).—Distr.: Asia: Japan.
- femoralis** SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 41 (*Myolepta*). Type-locality: "Omogokei, Ehime Pref.".—Distr.: Asia: Japan (Shikoku).

Brachymyia WILLISTON, 1882

WILLISTON, 1882: Can. Ent., 14(4): 77.

Type-species: *Brachymyia lupina* WILLISTON, 1882: l.c.: 77 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 516); not Palearctic.

- berberina** (FABRICIUS, 1805): Syst. antl.: 240 (*Eristalis*). Type-locality: "Germania".—Distr.: Europe: IRE, GB, DK, NL, B, L, D, PL, CS, F, CH, A, I, YU, R; USSR: SET, TC.

- berberina oxyacanthae** (MEIGEN, 1822): Syst. Besch., 3: 237 (*Milesia*). Type-locality: not given ("Im Mai auf den Blüten des Weiss- und Sauerdornes") (?Stolberg near Aachen) [D].—Distr.: Europe: GB, NL, D, PL, CS, F, CH, A, E, I, YU, R; USSR: TC; Asia: Japan.
- brebissonii** (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, 1827–1828: 328 and Ins. Dipt., 4: 180 (*Criorhina*). Type-locality: "Nord de la France".
- bombiformis** (PERRIS, 1839): Anns. Soc. ent. Fr., 8: 54 (*Criorhina*). Type-locality: "circa Mont-de-Marsan (Landes)" (France).
- floccosa** (MEIGEN, 1822): Syst. Besch., 3: 238 (*Milesia*). Type-locality: "Bondy bei Paris" (France).—Distr.: Europe: IRE, GB, DK, NL, B, D, PL, CS, F, CH, A, I, YU, R; USSR: SET, TC.
- regula** (FALLÉN, 1826): Suppl. Dipt. Sveciae: 9 (*Syrphus*). Type-locality: "in praedio Hjularöd Scan." [= prov. Skåne] (Sweden).
- talyschensis** (STACKELBERG, 1960): Ent. Obozr., 39(2): 444 (*Penthesilea*). Type-locality: Alekseevka, Lenkoran district, Talysh.—Distr.: USSR: TC (Az).

Caliprobola RONDANI, 1845

- RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 455.
Type-species: *Syrphus speciosus* ROSSI, 1790: Fauna Etrusca, 2: 285 (as *Milesia speciosa* FABRICIUS) (orig. des.).
- Calliprobola* RONDANI, 1856: Dipt. Ital. Prodrum., 1: 204; unjustified emendation.
- aurea** (SACK, 1910): Beil. Programm Wöhler-Realgymn. Frankfurt a.M., 1910: 28 (*Calliprobola*). Type-locality: "Transcaspian [error], Gebirge Talysh" (Talysh, Transcaucasus).—Distr.: USSR: TC (Lenkoran, Talysh).
- speciosa** (ROSSI, 1790): Fauna Etrusca, 2: 285 (*Syrphus*). Type-locality: "in provinciis Florentina et Pisana [= Firenze and Pisa] (Italy).—Distr.: Europe: GB, NL, B, D, PL, CS, F, CH, A, H, I, YU, R; USSR: CET, SET, TC, ES (Transbaikal).

Criorhina MEIGEN, 1822

- MEIGEN, 1822: Syst. Besch., 3: 236 (as "*Criorhina* HGG.").
Type-species: *Syrphus asilicus* FALLÉN, 1816: Syrphici Sveciae: 22 (des. WESTWOOD, 1840: Synopsis: 136).
- Criorrhina* VERRALL in SCUDDER, 1882: Nomencl. Zool.: 90; unjustified emendation.
- Penthesilea* MEIGEN, 1800: Nouve. Class.: 35. Type-species: *Musca ruficauda* DE GEER, 1776: Mém. ins., 6: 176 (by subsequent monotypy: BEZZI in HENDEL, 1908: Verh. zool.-bot. Ges. Wien, 58: 67; misidentification) [= *ranunculi* (PANZER, 1804)]. Suppressed by I.C.Z.N., 1963: Opinion 678: 339.

- aino** (STACKELBERG, 1955): Ent. Obozr., **34**: 347 (*Penthesilea*). Type-locality: Sakhalin.—Distr.: USSR: FE (Sakhalin).
- apicalis** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 221, pl. XVII, fig. 3 (*Criorhina*). Type-locality: "Honshu (Chuzenji)".—Distr.: Asia: Japan.
- asilica** (FALLÉN, 1816): Syrphici Sveciae: **22** (*Syrphus*). Type-localities: "in Ostrogothia" [= prov. Östergötland] (Sweden); "in Uplandia" [= prov. Upland] (Sweden); "in Scania" [= prov. Scåne] (Sweden).—Distr.: Europe: N, S, SF, GB, DK, NL, B, D, PL, CS, F, CH, A, H, E, I, YU, R, BG; USSR: CET, SET.
- rufipila** (WIEDEMANN in MEIGEN, 1822): Syst. Besch., **3**: 215 (*Xylota*). Type-locality: "Oesterreich" (Austria).
- brevipila** LOEW, 1871: Besch. europ. Dipt., **2**: 235 (*Criorhina*). Type-locality: "Irkutsk" (E Siberia).—Distr.: USSR: CET (Sverdlovsk region), WS, ES, FE; Asia: Mongolia, ?Korea.
- montivaga** (VIOLOVITSH, 1973): Novye i maloizvestnye vidy fauny Sibiri, **7**: 114 (*Criorrhina*). Type-locality: Sakhalin, environs of Yuzhno-Sakhalinsk.
- graeca** SCHIRMER, 1913: Wien. ent. Ztg, **32**: 221 (*Criorhina*). Type-locality: "Griechenland" (Greece).—Distr.: Europe: GR.
- japonica** SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 49 (*Criorrhina*). Type-locality: "Japan (Hakone)".—Distr.: Asia: Japan (Honshu).
- konakovi** (STACKELBERG, 1955): Ent. Obozr., **34**: 341 (*Penthesilea*). Type-locality: Island Urup, mount Kaiso, 400 m.—Distr.: USSR: FE (Kuril Is).
- nigrescens** (SHIRAKI et EDASHIGE, 1953): Trans. Shikoku ent. Soc., **3**(5-6): 114 (*Penthesilea*). Type-locality: "Omogo Valley, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- pachymera** (EGGER, 1858): Verh. zool.-bot. Ges. Wien, **8**: 712 (*Criorrhina*). Type-locality: "auf dem Schneeberge" (Austria).—Distr.: Europe: NL, B, D, PL, CS, F, A, E, YU, R.
- apiformis** MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827-1828**: 329 and Ins. Dipt., **4**: 181 (*Criorhina*). Type-locality: "Nord de la France".
- portschinskyi** (STACKELBERG, 1955): Ent. Obozr., **34**: 346 (*Penthesilea*). Type-locality: Armenia: Tsakhkadzor - Darachichag.—Distr.: USSR: SET (Krasnodar Territory), TC (Ge, Arm, Az).
- ranunculi** (PANZER, [1804]): Faunae insect. germ., Fasc. **91**: 21 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: S, IRE, GB, NL, B, D, PL, F, CH, A, E, I, YU, R; USSR: CET, SET, TC.
- ruficauda** (MEIGEN, 1822): Syst. Besch., **3**: 239 (*Milesia*). Type-locality: not given (Europe).
- haemorrhoidalis** (WIEDEMANN in MEIGEN, 1822): Syst. Besch., **3**: 215 (*Xylota*). Type-locality: "Oesterreich" (Austria).
- flavicauda** MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, **1827-1828**: 329 and Ins. Dipt., **4**: 181 (*Criorhina*). Type-locality: "Nord de la France".
- picciolii** RONDANI, 1865: Atti Soc. Ital. sci. nat., Milano, **8**: 133 (*Criorhina*, as "*Criorhyna*"). Type-locality: "Etruria" [= Toscana] (Italy).

- hispanica* (GIL COLLADO, 1930): Trab. Mus. nac. Cienc. nat., Madr., **54**: 269 (*Criorrhina*, as var. of *ranunculi*). Type-locality: "Alcala de Henares" (Spain).
- rubripes** (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 218, pl.XVII, fig.1 (*Mallota*). Type-locality: "Japan (Kyoto)".—Distr.: Asia: Japan (Honshu); Oriental Region (Taiwan).
- sichotana** (STACKELBERG, 1955): Ent. Obozr., **34**: 343 (*Penthesilea*). Type-locality: Tasino, Suchan district (Primorye Territory).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).
- stackelbergi** (VIOLOVITSH, 1973): Novye i maloizvestnye vidy fauny Sibiri, 7: 112 (*Criorrhina*). Type-locality: Altai, Lake Teletskoe, Artybash.—Distr.: USSR: WS (Altai), FE (Primorye Territory).
- takaoensis** (SHIRAKI, 1952): Mushi, **23**(1): 6 (*Penthesilea*). Type-locality: "at the Mount Takao, near Tokyo".—Distr.: Asia: Japan (Honshu).
- thompsoni** (VIOLOVITSH, 1982): Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 63 (*Criorrhina*). Type-locality: Southern Primorye, environs of Spassk.—Distr.: USSR: FE (Primorye Territory).
- tsherepanovi** (VIOLOVITSH, 1974): Fauna i ekologiya nasekomykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 8): 127 (*Criorrhina*). Type-locality: Shikotan (Kuril Is).—Distr.: USSR: FE (Kuril Is).
- ussuriana** (STACKELBERG, 1955): Ent. Obozr., **34**: 347 (*Penthesilea*). Type-locality: Tigrovaya, Suchan district.—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Kuril Is).

Lejota RONDANI, 1857

RONDANI, 1857: Dipt. Ital. Prodrumus, **2**: 176.

Type-species: *Psilota ruficornis* ZETTERSTEDT, 1843: Dipt. Scand., **2**: 847 (des. GOFFE, 1944: Entomologist's mon. Mag., **80**: 29).

Liota VERRALL in SCUDDER, 1882: Nomencl. Zool.: 190; unjustified emendation and a junior homonym of *Liota* MULSANT et REY, 1875 (Coleoptera).

- ambigua** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 44 (*Myiolepta*). Type-locality: "Omogo, Ehime Pref." (Japan).—Distr.: Asia: Japan (Shikoku).
- beckeri** (SHANNON, 1926): Proc. ent. Soc. Wash., **28**(5): 113 (*Chalcomyia*). Type-localities: "Wölfelsfall, Germany; Altwater, Moravia".—Distr.: Europe: D, PL, CS.
- femorata** VIOLOVITSH, 1980: Izv. sib. Otdel. Akad. Nauk SSSR, ser. biol. nauk, **1**: 46 (*Lejota*). Type-locality: Amur region, 40 km W Svobodnyy.—Distr.: USSR: FE (Amur region).
- japonica** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 62 (*Myiolepta*). Type-locality: "Japan (Hokkaido-Sapporo)".—Distr.: Asia: Japan (Hokkaido).

- korsakovi** (STACKELBERG, 1952): Trudy zool. Inst., Leningr., **12**: 369 (*Chalcomyia*). Type-locality: Southern Primorye: Sedanka near Vladivostok.—Distr.: USSR: CET (Sverdlovsk region), FE (Primorye Territory).
- ruficornis** (ZETTERSTEDT, 1843): Dipt. Scand., **2**: 847 (*Psilota*). Type-locality: “ad Smedslätten prope Holmiam” [= near Stockholm] (Sweden).—Distr.: Europe: S, SF, D, PL; USSR: CET, WS (Altai), ES (Yakutia), FE (Shantar Is, Sakhalin, Khabarovsk Territory).
- simplex** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 43 (*Myolepta*). Type-locality: “Takao-san, Tokyo”.—Distr.: Asia: Japan (Honshu).
- villosa** VILOVITSH, 1982: Helminty, kleshchi i nasekomye (Novye i maloizvestnye vidy fauny Sibiri, 16): 59 (*Lejota*). Type-locality: Southern Primorye, Ussuri Reservation.—Distr.: USSR: FE (Primorye Territory).

Macrozelima STACKELBERG, 1930

STACKELBERG, 1930: Konowia, **9**(3): 229.

Type-species: *Zelima hervei* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 86 (as *Macrozelima “bidentata sp. nov.”*, nomen nudum) (orig. des.).

hervei (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 86 (*Zelima*). Type-locality: “Japan—Honshu (Chuzenji)”.—Distr.: USSR: FE (Island Kunashir); Asia: Japan (Honshu).

Matsumyia SHIRAKI, 1949

SHIRAKI, 1949: Insecta matsum., **17**(1): 1.

Type-species: *Priomerus jesoensis* MATSUMURA, 1911: J. Coll. Agric. Hokkaido imp. Univ., **4**(1): 78 (orig. des.).

ferdinandi (HERVÉ-BAZIN, 1914): Anns Soc. ent. Fr., **83**: 407 (*Cynorrhina*). Type-locality: “tour du lac de Chûzenji” [= near Nikko] (Japan).—Distr.: Asia: Japan (Honshu).

jesoensis (MATSUMURA, 1911): J. Coll. Agric. Hokkaido imp. Univ., **4**(1): 78 (*Priomerus*). Type-locality: “Kusunnai” [= Sakhalin: Ilinskiy].—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Hokkaido, Honshu).

nigrofacies SHIRAKI, 1949: Insecta matsum., **17**(1): 2 (*Matsumyia*). Type-localities: “Kamikochi, Nagano-Prefecture, and ... from Mt. Daisetsu, Hokkaido” (Japan).—Distr.: USSR: FE (Sakhalin, Kunashir); Asia: Japan (Hokkaido, Honshu).

Milesia LATREILLE, 1804

LATREILLE, 1804: *Nouv. dict. hist. nat.*, 24 (Tabl. méth. Ins.): 194.

Type-species: *Syrphus crabroniformis* FABRICIUS, 1775: *Syst. entom.*: 768 (des. WILLISTON, 1887: *Bull. U.S. natn. Mus.*, 31: 254). Suspension of rules and designation by I.C.Z.N. required (see THOMPSON, 1972: *Archos Zool. Est. S Paulo*, 23(2): 176).

Sphixea RONDANI, 1845: *Nuovi Ann. Sci. nat. Ist. Bologna*, (2) 2: 455. Type-species: *Eristalis fulminans* FABRICIUS, 1805: *Syst. antl.*: 241 (orig. des.) [= *semiluctifera* (VILLERS, 1789)].

crabroniformis (FABRICIUS, 1775): *Syst. entom.*: 768 (*Syrphus*). Type-locality: "in Madera Insula" (Island Madeira).—Distr.: Europe: F, P, E, I, YU, BG; USSR: TC (Ge); Madeira.

gigas (ROSSI, 1790): *Fauna Etrusca*, 2: 283 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= Firenze and Piza] (Italy).

fissipennis SPEISER, 1911: *Jb. nassau. Ver. Naturk.*, 64: 241 (*Milesia*). Type-locality: "Chip Chip auf Formosa".—Distr.: Asia: Japan; Oriental Region (Taiwan).

elegans MATSUMURA, 1916: *Thousand Ins. Japan, Add.* 2: 232, pl. XVII, fig. 11 (*Milesia*). Type-locality: "Okinawa".

yayeyamana MATSUMURA, 1916: *Thousand Ins. Japan, Add.* 2: 231, pl. XVII, fig. 10 (*Milesia*). Type-locality: "Okinawa (Yayeyama)".

[**ishigakiensis** SHIRAKI, 1968: *Fauna jap. Syrphidae*, 3: 137 (*Milesia*). Type-locality: "Ishigaki Is." (Japan).—Distr.: Asia: Japan (Ryukyu) (S 30° NL).]

oshimaensis SHIRAKI, 1930: *Mem. Fac. Agric. Taihoku imp. Univ.*, 1(1): 113 (*Milesia*). Type-locality: "Japan (Kagoshima—Oshima-Inseln)".—Distr.: Asia: Japan (Kyushu, Kagoshima-Oshima Is).

semiluctifera (VILLERS, 1789): *Caroli Linnaei entom.*, 3: 463 (*Musca*). Type-locality: "In Gallia Australiori" (S France).—Distr.: Europe: F, E, I, YU, R, BG; USSR: SET, TC, SMA (Tu).

splendida (ROSSI, 1790): *Fauna Etrusca*, 2: 292 (*Syrphus*). Type-locality: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).

fulminans (FABRICIUS, 1805): *Syst. antl.*: 241 (*Eristalis*). Type-locality: "Italia".

undulata VOLLENHOVEN, 1863: *Versl. Meded. K. Akad. wet. Amst.*, 15: 12 (*Milesia*). Type-locality: "Japan".—Distr.: USSR: FE (?Sakhalin); Asia: Japan (Hokkaido, Honshu, Shikoku, Kyushu).

Narumyia SHIRAKI, 1952

SHIRAKI, 1952: *Mushi*, 23(1): 10.

Type-species: *Narumyia narumii* SHIRAKI, 1952: l.c.: 11 (orig. des.).

narumii SHIRAKI, 1952: *Mushi*, 23(1): 11 (*Narumyia*). Type-locality: "at Aoni, Aomori Prefecture".—Distr.: Asia: Japan (Honshu).

Palumbia RONDANI, 1865

RONDANI, 1865: *Atti Soc. ital. Sci. nat.*, Milano, **8**: 129.

Type-species: *Palumbia sicula* RONDANI, 1865: l.c.: 130 (des. THOMPSON, 1975: *Proc. ent. Soc. Wash.*, **77**(2): 196 [= *bellieri* (BIGOT, 1860)]).

Korinchia EDWARDS, 1919: see below as subgenus.

Subgenus KORINCHIA EDWARDS, 1919

EDWARDS, 1919: *J. Fed. Malay St. Mus.*, **8**: 39 (as genus).

Type-species: *Korinchia klossi* EDWARDS, 1919: l.c.: 40 (des. EDWARDS in BRUNETTI, 1923: *Fauna Brit. India*, **3**: 224); not Palaearctic.

potanini (STACKELBERG, 1963): *Stuttg. Beitr. Naturk.*, No. **113**: 5 (*Korinchia*). Type-locality: "Sze-chuen, Tazsinlu [= Kanding], West-China".—Distr.: Asia: China (Szechuan).

Subgenus PALUMBIA RONDANI, 1865

eristaloides (PORTSCHINSKY, 1887): *Trudy russk. ent. Obshch.* [= *Horae Soc. ent. ross.*], **21**(1–2): 187 (*Milesia*). Type-locality: "Transcaucasus (Daratschitschach)" (USSR).—Distr.: USSR: TC (Arm).

flavipes PARAMONOV, 1927: *Societas ent.*, **42**: 11 (*Palumbia*). Type-locality: "Berg Karny-Jarych (Bez. Etshmiadzin)" (USSR: Armenia).

bellieri (BIGOT, 1860): *Annl. Soc. ent. Fr.*, (3) **8**: 776 (*Sphixea*). Type-locality: "Monts Madonie" [= Sicily] (Italy).—Distr.: Europe: I.

sicula RONDANI, 1865: *Atti Soc. ital. Sci. nat.*, Milano, **8**: 130 (*Palumbia*). Type-locality: "in Agro Panormitano" [= Vicinity of Palermo, Sicily] (Italy).

Pocota LE PELETIER et SERVILLE, 1828

LE PELETIER and SERVILLE in LATREILLE et al. 1828: *Encyclop. méthod. hist. nat.* (Ins.), **10**: 518 (as subgenus of *Milesia* LATREILLE, 1804).

Type-species: *Milesia apicata* MEIGEN, 1822: *Syst. Besch.*, **3**: 236 (mon.) [= *personata* (HARRIS, 1780)].

Dasymyia EGGER, 1858: *Verh. zool.-bot. Ges. Wien*, **8**: 711. Type-species: *Musca apiformis* SCHRANK, 1781: *Enum. ins. austr. indig.*: 459 (mon.) [= *personata* (HARRIS, 1780)].

personata (HARRIS, [1780]): *Expos. Eng. Ins.*: 79 (*Musca*). Type-locality: not given (England).—Distr.: Europe: S, GB, DK, NL, B, D, PL, CS, F, A, I, YU, R; USSR: SET, TC.

apiformis (SCHRANK, 1781): Enum. ins. austr. indig.: 459 (*Musca*). Type-locality: "Viennae" (Austria). A junior primary homonym of *Musca apiformis* DE GEER, 1776.

apicata (MEIGEN, 1822): Syst. Besch., 3: 236 (*Milesia*; new name for *Musca apiformis* SCHRANK, 1781).

stackelbergi VILOVITSH, 1857: Ent. Obozr., 36(3): 753 (*Pocota*). Type-locality: Island Sakhalin: peninsula Terpeniya, environs of Kotikovo.—Distr.: USSR: FE (Sakhalin, Khabarovsk Territory).

Pterallastes LOEW, 1863

LOEW, 1863: Berl. ent. Z., 7: 317.

Type-species: *Pterallastes thoracicus* LOEW, 1863: l.c.: 317 (des. OSTEN SACKEN, 1875: Bull. Buffalo Soc. nat. Sci., 3: 64); not Palaearctic.

Pseudozetterstedtia SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 199 (as subgenus of *Mallota* MEIGEN, 1822). Type-species: *Pseudozetterstedtia unicolor* SHIRAKI, 1930: l.c.: 200 (orig. des.).

bettyae THOMPSON, 1978: Pan-Pacif. Ent., 54(1): 297 (*Pterallastes*). Type-locality: "China, Kwanhsien".—Distr.: Asia: China.

bomboides THOMPSON, 1974: Jl N.Y. ent. Soc., 72(1): 22 (*Pterallastes*). Type-locality: "China, Szechuan, West of Chetu Pass, near Tatsienlu [= Kanding]".—Distr.: Asia: China (Szechuan).

unicolor (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 200 (*Pseudozetterstedtia*). Type-localities; "Japan—Hokkaido (Josankei, Sapporo), Honshu (Wakayama, Towada, Chuzenji)".—Distr.: USSR: FE (Kuril Is: Kunashir); Asia: Japan (Hokkaido, Honshu).

Rhinotropidia STACKELBERG, 1930

STACKELBERG, 1930: Konowia, 9(3): 227.

Type-species: *Tropidia rostrata* SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., 1: 90 (orig. des.).

Parrhyngia SHIRAKI, 1968: Fauna jap. Syrphidae, 3: 205. Type-species: *Parrhyngia quadrimaculata* SHIRAKI, 1968: l.c.: 205 (orig. des.) [= *rostrata* (SHIRAKI, 1930)].

rostrata (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 90 (*Tropidia*). Type-locality: "Japan (Sapporo)".—Distr.: USSR: FE (Primorye Territory); Asia: Japan (Hokkaido, Honshu).

quadrimaculata (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 205 (*Parrhyngia*). Type-locality: "Koga, Kyoto" (Japan: Honshu).

Sphecomyia LATREILLE, 1829

LATREILLE in CUVIER, 1829: Règne animal, Ed. 2, **5**: 495.

Type-species: *Chrysotoxum vittatum* WIEDEMANN, 1830: Aussereurop. zweifl. Insekt., **2**: 87 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 607).

Tyzenhauzia GORSKI, 1852: Analecta ad Entomogr. prov. occ.-mer. Imp. Ross., **1**: 170. Type-species: *Tyzenhauzia vespiformis* GORSKI, 1852: l.c.: 173 (mon.).

vespiformis (GORSKI, 1852): Analecta ad Entomogr. prov. occ.-mer. Imp. Ross., **1**: 173 (*Tyzenhauzia*). Type-locality: "Habitat locis Vilnae propinquis, . . . ad praedium Werki" [= near Vilnius (Wilno)] (Lithuanian SSR).—Distr.: Europe: N, SF; USSR: CET, WS, ES, FE (Khabarovsk Territory).

vittata (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., **2**: 87 (*Chrysotoxum*). Type-locality: not given.—Distr.: Europe: S, SF, PL, F; Nearctic Region.

Spilomyia MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 273.

Type-species: *Musca diophthalma* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 593 (as *Syrphus diophthalmus* FABRICIUS, 1775) (des. COQUILLET, 1910: Proc. U.S. natn. Mus., **37**: 607).

abdominalis SHIRAKI, 1968: Fauna jap. Syrphidae, **3**: 9 (*Spilomyia*). Type-locality: "Omogokei, Ehime Pref."—Distr.: Asia: Japan (Shikoku).

annulata SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a. M., **1910**: 20 (*Spilomyia*). Type-locality: "Pamir" (USSR).—Distr.: USSR: SMA (Tj).

boschmai LUCAS, 1964: Zoöl. Meded., **39**: 206 (*Spilomyia*). Type-locality: "Cesaro, Monte Sor, Sicily, Italy".—Distr.: Europe: I.

digitata (RONDANI, 1865): Atti Soc. ital. Sci. nat., Milano, **8**: 132 (*Milesia*). Type-locality: "In Apennino" (Italy).—Distr.: Europe: D, F, E, I, YU, R; USSR: SET, TC, SMA (Tu); North Africa.

diophthalma (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 593 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, S, SF, D, PL, F, I, BG; USSR: CET, SET, TC, KZ (north), WS, ES, FE; Asia: Mongolia; North Africa: Algeria.

gigantea SHIRAKI, 1968: Fauna jap. Syrphidae, **3**: 7 (*Spilomyia*). Type-locality: "Iwanadome, Nagano Pref."—Distr.: Asia: Japan (Honshu).

gussakovskii STACKELBERG, 1958: Ent. Obozr., **37**(3): 760 (*Spilomyia*). Type-locality: Hissar mountain ridge, Varzob (Tajikistan).—Distr.: USSR: TC (Arm), SMA (Tj).

manicata (RONDANI, 1865): Atti Soc. ital. Sci. nat., Milano, **8**: 132 (*Milesia*). Type-locality: "In Apennino" [= Apennines] (Italy).—Distr.: Europe: D, PL, F, E, I, YU; USSR: CET, SET, TC.

- integra* KUNTZE, 1913: Dt. ent. Z., **5**: 549 (*Spilomyia*). Type-locality: "Monte d'Oro, Korsika" [= Corsica] (France).
- matsumurai** SHIRAKI, 1968: Fauna jap. Syrphidae, **3**: 5 (*Spilomyia*). Type-localities: "Japan (Minomo, Sapporo, Josankei, Chuzeji)".—Distr.: Asia: Japan (Hokkaido, Honshu).
- maxima** SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., **1910**: 18 (*Spilomyia*). Type-locality: "Usuri Kasakewitsh" (USSR: Far East).—Distr.: USSR: CET, WS (Altai, Tuva), ES (Pribaikalye), FE (Kamchatka, Sakhalin, Kuril Is, Khabarovsk and Primorye Territories); Asia: Mongolia.
- panfilovi** ZIMINA, 1952: Ent. Obozr., **32**: 329 (*Spilomyia*). Type-locality: Primorye: Sudzukhinskiy Reservation, r. Malaya Tyapigou.—Distr.: USSR: FE (Primorye Territory).
- permagna** STACKELBERG, 1958: Ent. Obozr., **37**(3): 763 (*Spilomyia*). Type-locality: Kunashir, Alekhino, Lake Lagunnoe (Kunashir).—Distr.: USSR: FE (Sakhalin, Kuril Is).
- saltuum** (FABRICIUS, 1794): Entom. syst., **4**: 287 (*Syrphus*). Type-locality: "Italia".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC.
- hybrida* ŞUSTER et ZILBERMAN, 1958: Studii Cerc. ştiinţ. Iăsi, ser. Biol. ştiinţ. Agric., **9**(2): 330 (*Spilomyia*). Type-locality: "Moldoviţa-Ferestreu, raionul Cîmpulung-Moldovenesc, reg. Suceava" (Roumania).
- intermedia* ŞUSTER et ZILBERMAN, 1958: Studii Cerc. ştiinţ. Iăsi, ser. Biol. ştiinţ. Agric., **9**(2): 330 (*Spilomyia*, as var. of *hybrida*). Type-locality: "Moldoviţa-Ferestreu, raionul Cîmpulung-Moldovenesc, reg. Suceava" (Roumania).
- sulphurea** SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., **1910**: 19 (*Spilomyia*). Type-locality: "Pamir occidentalis".—Distr.: USSR: KZ, SMA (Uz, Ki, Tj); Asia: Afghanistan.
- suzukii** MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 229, pl. XVII, fig. 9 (*Spilomyia*). Type-locality: "Honshu (Kyoto)".—Distr.: USSR: FE (Primorye Territory, Kuril Is); Asia: Japan (Hokkaido, Honshu).

Syritta LE PELETIER et SERVILLE, 1828

- LE PELETIER and SERVILLE in LATREILLE et al., 1828: Encyclop. méthod. hist. nat. (Ins.), **10**(2): 808 (as subgenus of *Xylota* MEIGEN, 1822).
Type-species: *Musca pipiens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 594 (as *Xylota pipiens* MEIGEN) (mon.).
- Coprina* ZETTERSTEDT, 1838: Insecta Lapp.: 584. Type-species: *Musca pipiens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 594 (mon.).
- Xylota* WESTWOOD, 1840: Synopsis: 136. Type-species: *Musca pipiens* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 594 (mon.). Invalid type-species description, cf. p. 224.

- fasciata** (WIEDEMANN, 1830): Aussereurop. zweifl. Insekt., 2: 103 (*Xylota*). Type-locality: "Nubien" (Sudan).—Distr.: North Africa: Egypt; Afrotropical Region.
- flaviventris** MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, 1841(1): 135 and Dipt. exot., 2(2): 75 (*Syritta*). Type-locality: "Sénégal" (W Africa).—Distr.: Europe: F, P, E, I, BG, GR; Asia: Turkey, Syria; North Africa: Algeria, Egypt; Afrotropical and Neotropical Regions.
- nigricornis** MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, 1841(1): 134 and Dipt. exot., 2(2): 74 (*Syritta*). Type-locality: "Égypte" (Egypt).
- spinigera** LOEW, 1848: Stettin. ent. Ztg, 9: 331 (*Syritta*). Type-localities: "Kleinasien und die griechischen Inseln, . . . Sicilien, . . . bei Syrakus [= Syracuse]", (Turkey, Greece, Italy).
- latitarsata** MACQUART, 1842: Mém. Soc. Sci. Agric. Lille, 1841(1): 135 and Dipt. exot., 2(2): 75 (*Syritta*). Type-locality: "Sénégal" (W Africa).—Distr.: North Africa: Egypt; Afrotropical Region (Senegal, Namibia).
- pipiens** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 594 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to P, E, I, YU, GR; all parts of USSR; Asia: Mongolia, China, Turkey, Iran, Afghanistan; North Africa: Morocco, Algeria; Madeira, Canary Is; Nearctic and Oriental Regions.
- obscuripes** STROBL, 1899: Wien. ent. Ztg, 18(5–6): 146 (*Syritta*, as var. of *pipiens*). Type-locality: "Algeciras" (Spain).
- albicincta** SANTOS ABREU, 1924: Mems R. Acad. Cienc. Artes, Barcelona, (3) 19(1): 125 (*Syritta*, as var. of *pipiens*). Type-locality: "isla de La Palma, en la Dehesa de la Encarnación" (Canary Is).
- flavicans** SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., 33: 68 (*Syritta*, as var. of *pipiens*). Type-locality: "Cyprus".
- vicina** SZILÁDY, 1940: Anns hist.-nat. Mus. natn. hung., 33: 67 (*Syritta*, as var. of *pipiens*). Type-localities: "Smyrna [= Izmir] und Cyprus" (Turkey, Cyprus).
- tenosfemora** (DZHAFAROVA, 1974): Uchenye zapiski Azerb. Univ. Ser. biol. nauk, 1: 40 (*Spheginoides*). Type-localities: Barda, Agdzhabedi and Mardakert districts (USSR: Azerbaijan).
- subtilis** BECKER, 1903: Mitt. zool. Mus. Berlin, 2(3): 89 (*Syritta*). Type-localities: "Luxor und Suez" (Egypt).—Distr.: North Africa: Egypt; Afrotropical Region.
- vittata** PORTSCHINSKY, 1875: Horae Soc. ent. ross., 11(1): 27 (*Syritta*). Type-locality: "Du gouvernement d'Astrakhan" (USSR).—Distr.: USSR: SET, SMA (Uz, Tj, Tu).

Takaomyia HERVÉ-BAZIN, 1914

HERVÉ-BAZIN, 1914: Anns Soc. ent. Fr., 83: 412.

Type-species: *Takaomyia johannis* HERVÉ-BAZIN, 1914, l.c.: 413 (mon.).

- Vespiomyia* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 228. Type-species: *Vespiomyia sexmaculata* MATSUMURA, 1916: l.c.: 228, pl. XVII, fig. 8 (orig. des.).
- johannis** HERVÉ-BAZIN, 1914: Anns Soc. ent. Fr., 83: 413 (*Takaomyia*). Type-locality: "mont Takao, près Hachioji" (Japan).—Distr.: Asia: Japan (Honshu); Oriental Region.
- sexmaculata** (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 228, pl. XVII, fig. 8 (*Vespiomyia*). Type-locality: "Hokkaido (Sapporo)".—Distr.: USSR: FE (Kunashir); Asia: Japan (Hokkaido).

Temnostoma LE PELETIER et SERVILLE, 1828

- LE PELETIER and SERVILLE in LATREILLE et al., 1828: Encyclop. méthod. hist. nat. (Ins.), 10(2): 518 (as subgenus of *Milesia* LATREILLE, 1804).
Type-species: *Milesia bombylans* FABRICIUS, 1805: Syst. antl.: 189 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 612).
- Tritonia* MEIGEN, 1800: Nouve. Class.: 33 Type-species: *Musca vespiformis* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 593 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 617). Suppressed by I.C.Z.N., 1963, Opinion 678: 339. It would have been a junior synonym of *Tritonia* CUVIER, 1798.
- Microrhincus* LIOY, 1864: Atti Ist. veneto Sci., (3) 9: 751. Type-species: *Milesia bombylans* FABRICIUS, 1805: Syst. antl.: 189 (des. GOFFE, 1946: J. Soc. Br. Ent., 3: 30).
- apiforme** (FABRICIUS, 1794): Entom. syst., 4: 300 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: S, SF, DK, NL, B, D, PL, CS, F, CH, A, YU, R; USSR: CET, SET, WS, ES, FE; Asia: Japan (Honshu).
- wagae* (GORSKI, 1852): Analecta ad Entomogr. prov. occid.-mer. Imp. Rossici, 1: 175 (*Milesia*). Type-localities: "in sylva Bialovesha, e regione uralensi" [= Bialowiezha and Ural] (USSR).
- pallidum* SACK, 1910: Beil. Programm Wöhler-Realgymn. Frankfurt a.M., 1910: 26 (*Temnostoma*). Type-locality: "südliches Amurgebiet" (USSR: Far East).
- carens* (GAUNITZ, 1936): Ent. Tidskr., 57: 8 (*Temnostoma*, as var. of *apiforme*). Type-localities: "Lule Lappmark, Saltoluokta", "Lapland, Pansborg im Dorfe Sorsele" (Sweden).
- bombylans** (FABRICIUS, 1805): Syst. antl.: 189 (*Milesia*). Type-locality: "in Pyrenaeis" [= Pyrénées Mts] (France).—Distr.: Europe: S, SF, DK, NL, B, D, PL, CS, F, CH, A, R, YU; USSR: CET, SET, WS, ES, FE; Asia: Korea, Japan (Hokkaido, Honshu); North Africa: Morocco.
- zetterstedti* (FALLÉN, 1816): Syrphici Sveciae: 8 (*Milesia*). Type-localities: "ad Lårketorp Ostrogothiae et in Smolandia" [= prov. Östergötland: Lårketorp and prov. Småland] (Sweden).

- nitobei* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 199, pl. XVI, fig. 15 (*Temnostoma*). Type-localities: "Hokkaido (Sapporo), Honshu (Aomori)" (Japan).
- japonicum* HULL, 1944: Psyche, 51: 41 (*Temnostoma*). Type-locality: "Nikko, Japan".
- frequense** MATSUMURA, 1931: 6000 illustr. Ins. Jap. Empire: 339, fig. 40 (*Temnostoma*). Type-localities: "Hokkaido, Honshu".—Distr.: Asia: Japan.
- fumosum** HULL, 1944: Psyche, 51: 43 (*Temnostoma*). Type-locality: "Nikko, Japan".—Distr.: Asia: Japan (Honshu).
- meridionale** KRIVOSHEINA et MAMAEV, 1962: Ent. Obozr., 51(4): 928 (*Temnostoma*). Type-locality: Krasnodar Territory.—Distr.: USSR: CET (Orenburg region), SET (Krasnodar Territory), TC (Ge).
- pauperius** SPEISER, 1924: Wien. ent. Ztg, 41: 51 (*Temnostoma*). Type-locality: "Süd-Japan".—Distr.: Asia: S Japan.
- takahasii** VIOLOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 128 (*Temnostoma*). Type-locality: Japan, Uradani Kitashidara, Aichi Pref.—Distr.: USSR: FE (Khabarovsk and Primorye Territories); Asia: Japan (Honshu).
- vespiforme** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 593 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, S, SF, DK, NL, B, D, PL, CS, F, CH, A, E, I, YU, R; USSR: CET, SET, TC, KZ, WS, ES, FE; Asia: Japan (Hokkaido); Nearctic Region.
- sericomylaeforme* (PORTSCHINSKY, 1887): Trudy russk. ent. Obshch. [= Horae Soc. ent. ross.], 21(1–2): 8 (*Spilomyia*, as var. of *vespiforme*). Type-locality: "circa Mohilew ad Boristhenem (Rossia occid.)" [= environs of Mohilew on Dnieper] (USSR).
- sibiricum* (PORTSCHINSKY, 1887): Trudy russk. ent. Obshch. [= Horae Soc. ent. ross.], 21(1–2): 7 (*Spilomyia*, as var. of *vespiforme*). Type-locality: "Sibiria, Amur".
- vulgare* (PORTSCHINSKY, 1887): Trudy russk. ent. Obshch. [= Horae Soc. ent. ross.], 21(1–2): 7 (*Spilomyia*, as var. of *vespiforme*). Type-localities: "Tota Rossia et Caucasus" (USSR).
- jozankeanum* (MATSUMURA, 1916): Thousand Ins. Japan, Add. 2: 197, pl. XVI, fig. 18 (*Spilomyia*). Type-locality: "Hokkaido (Sapporo)".
- strigosum* SACK, 1941: Arb. morph. taxon. Ent. Berl., 8(3): 191 (*Temnostoma*, as var. of *vespiforme*). Type-locality: "Gaolinzsy" (NE China).

Tropidia MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., 3: 346.

Type-species: *Eristalis milesiformis* FALLÉN, 1817: Syrphici Sveciae: 52 (des. CURTIS, 1832: Brit. Ent., 9: pl. 401 [= *scita* (HARRIS, 1780)]).

- Milesiformis* RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 454. Type-species: *Milesiformis falleni* RONDANI, 1845: l.c.: 454 (mon.) [= *scita* (HARRIS, 1780)].
- fasciata** MEIGEN, 1822: Syst. Besch., 3: 346 (*Tropidia*). Type-localities: "Gentilly bei Paris" (France); "Österreich" (Austria).—Distr.: Europe: SF, B, D, PL, F, A, I; USSR: FE (Kunashir).
- marsanii* PERRIS, 1852: Anns Soc. linn. Lyon, 5: 201 (*Tropidia*). Type-locality: "Mimizan" (France).
- scita** (HARRIS, [1780]): Expos. Eng. Ins.: 107 (*Musca*). Type-locality: not given (England).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, CS, F, CH, A, H, R, YU; USSR: CET, SET, TC, SMA (Ki), FE (Sakhalin); Asia: Japan (Hokkaido).
- milesiformis* (FALLÉN, 1817): Syrphici Sveciae: 52 (*Eristalis*). Type-locality: "Karakås Esperöd" (Sweden).
- dorsalis* MACQUART, 1829: Mém. Soc. Sci. Agric. Lille, 1827–1828: 285 and Ins. Dipt., 4: 137 (*Tropidia*). Type-locality: "Nord de la France".
- rufomaculata* CURTIS, 1832: Brit. Ent., 9: 401 (*Tropidia*). Type-locality: not given (Great Britain and Ireland).
- falleni* (RONDANI, 1845): Nuovi Ann. Sci. nat. Ist. Bologna, (2) 2: 454 (*Milesiformis*). Unnecessary new name for *Eristalis milesiformis* FALLÉN.

Tribe Xylotini

Brachypalpoides HIPPA, 1978

HIPPA, 1978: Acta zool. fenn., 156: 79.

Type-species: *Xylota lenta* MEIGEN, 1822: Syst. Besch., 3: 222 (orig. des.).

- brunnipes** (SHIRAKI, 1968): Fauna jap. Syrphidae, 3: 117 (*Xylota*). Type-locality: "Omogokei, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- flavifacies** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 68 (*Zelima*). Type-locality: "Hokkaido (Sapporo)" (Japan).—Distr.: USSR: FE (Kuril Is); Asia: Japan (Hokkaido).
- lentus** (MEIGEN, 1822): Syst. Besch., 3: 222 (*Xylota*). Type-locality: not given (Europe).—Distr.: Europe: N, S, SF, IRE, GB, DK, NL, B, D, PL, CS, F, CH, A, H, E, I, YU, R; USSR: CET, SET, TC, WS.
- piger*: SCHRANK, 1803: Fauna boica, 3(1): 114 (*Musca*), not *Syrphus piger* FABRICIUS, 1794, misidentification. Localities: "bei Gern und Ingolstadt" [D].
- lateralis* (SZILÁDY, 1940): Anns hist.-nat. Mus. natn. hung., 33: 68 (*Zelima*, as var. of *lenta*). Type-locality: "Krivosije" (Yugoslavia).

- simplex** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 81 (*Zelima*). Type-locality: "Japan".—Distr.: USSR: FE (Sakhalin, Kuril Is); Asia: Japan (Honshu).
- nigerrima* (VIOLOVITSH, 1955): Ent. Obozr., **34**: 356 (*Zelima*). Type-locality: Island Kunashir, Lake Lagunnoe.
- nox* (VIOLOVITSH, 1956): Ent. Obozr., **35**(2): 472 (*Zelima*); new name for *nigerrima* VIOLOVITSH, 1955, in *Xylota* a junior secondary homonym of *Xylota nigerrima* SACK, 1910.
- splendens** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 104 (*Xylota*). Type-locality: "Okinawa Is."—Distr.: Asia: Japan (S 30° NL).

Brachypalpus MACQUART, 1834

- MACQUART, 1834: Hist. nat. Ins., Dipt., **1**: 523.
Type-species: *Brachypalpus tuberculatus* MACQUART, 1834: l.c.: 524 (des. RONDANI, 1845: Nuovi Ann. Sci. nat. Ist. Bologna, (2) **2**: 456 [= *valgus* (PANZER, 1798)]).
- chrysites** EGGER, 1859: Verh. zool.-bot. Ges. Wien, **9**: 405 (*Brachypalpus*). Type-locality: "Schneeberge" [= near Vienna] (Austria).—Distr.: Europe: D, PL, CS, F, CH, A, YU, R; USSR: SET, TC.
- laphriformis** (FALLÉN, 1816): Syrphici Sveciae: 22 (*Syrphus*). Type-localities: "Esperöd . . . ; in Lörketorp Ostrogothiae" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, R, YU; USSR: CET, SET.
- bimaculatus* (MACQUART, 1829): Mém. Soc. Sci. Agric. Lille, **1827–1828**: 282 and Ins. Dipt., **4**: 134 (*Xylota*). Type-locality: "Lestrem" (W Lille, France).
- angustus* EGGER, 1860: Verh. zool.-bot. Ges. Wien, **10**: 665 (*Brachypalpus*). Type-locality: "Austria".
- angustatus* SCHINER. 1862: Fauna austr., Diptera, **1**: 353 (*Brachypalpus*). Type-locality: "Schneeberg" (Austria).
- meigeni** SCHINER, 1857: Verh. zool.-bot. Ver. Wien, **7**: 443 (*Brachypalpus*, as "nom. nov." for *Xylota femorata*: MEIGEN, 1822 Syst. Besch., **3**: 216, not LINNAEUS, misidentification). Type-locality: not given.—Distr.: Europe: NL, B, D, PL, CS, F, A, YU; Asia: Turkey.
- nigrifacies** STACKELBERG, 1965: Ent. Obozr., **64**(4): 923 (*Brachypalpus*). Type-locality: Teberda, Reservation Olenya Balka.—Distr.: USSR: SET (Teberda), TC.
- nipponicus** SHIRAKI, 1952: Mushi, **23**(1): 7 (*Brachypalpus*). Type-locality: "Kamikochi, Nagano Pref."—Distr.: USSR: WS, FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: Japan (Honshu).
- valgus** (PANZER, [1798]): Faunae insect. germ., Fasc. **54**: 7 (*Syrphus*). Type-locality: "Austria".—Distr.: Europe: NL, B, D, PL, CS, F, A, H, I, YU, R, BG; USSR: SET (UK).

olivaceus (MEIGEN, 1822): Syst. Besch., 3: 215 (*Xylota*). Type-locality: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D].

tuberculatus MACQUART, 1834: Hist. Nat. Ins., Dipt., 1: 524 (*Brachypalpus*). Type-locality: "Paris" (France).

zugmayeriae MIK, 1887: Wien. ent. Ztg, 6: 164 (*Brachypalpus*). Type-locality: "Caucasus: Talyscher Gebirge" [= Talysh, Azerbaijan] (USSR).—
Distr.: USSR: TC (Az).

Chalcosyrphus CURRAN, 1925

CURRAN, 1925: Kans. Univ. Sci. Bull., 15: 122 (as subgenus of *Chalcomyia* WILLISTON, 1885).

Type-species: *Chalcomyia* (*Chalcosyrphus*) *atra* CURRAN, 1925: l.c.: 122 (orig. des.) [= *depressus* (SHANNON, 1925)]; not Palearctic.

Xylotodes SHANNON, 1926: see below as subgenus.

Xylotomima SHANNON, 1926: see below as subgenus.

Dimorphoxylota HIPPA, 1978: see below as subgenus.

Syrittoxylota HIPPA, 1978: see below as subgenus.

Xylotina HIPPA, 1978: see below as subgenus.

Subgenus CHALCOSYRPHUS CURRAN, 1925

tuberculifemur (STACKELBERG, 1963): Stuttg. Beitr. Naturk., No. 113: 5 (*Xylota*). Type-locality: "Barmantovo, Swerdlowsk-Gebiet, Iwdelsk Distr."—
Distr.: USSR: WS, ES, FE.

Subgenus DIMORPHOXYLOTA HIPPA, 1978

HIPPA, 1978: Acta zool. fenn., 156: 114 (as subgenus of *Chalcosyrphus* CURRAN, 1925).

Type-species: *Xylota eumera* LOEW, 1869: Besch. europ. Dipt., 1: 254 (orig. des.).

eumerus (LOEW, 1869): Besch. europ. Dipt., 1: 254 (*Xylota*). Type-locality: "Die Gegend von Sarepta" [= environs of Krasnoarmeysk near Volgograd] (USSR).—Distr.: USSR: NET (Arkhangelsk), CET, KZ, WS, ES, FE; Asia: China.

pictipes (LOEW, 1871): Besch. europ. Dipt., 2: 237 (*Xylota*). Type-locality: "Archangel" (Arkhangelsk, USSR).

Subgenus SYRITTOXYLOTA HIPPA, 1978

HIPPA, 1978: Acta zool. fenn., **156**: 116 (as subgenus of *Chalcosyrphus* CURRAN, 1925).

Type-species: *Xylota annulata* BRUNETTI, 1913: Rec. Indian. Mus., **9**: 270 (orig. des.); not Palaearctic.

[**annulipes** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 98 (*Xylota*). Type-locality: "Amami-Oshima".—Distr.: Asia: Japan (S 30° NL). A junior primary homonym of *Xylota annulipes* DE MEIJERE, 1924.]

Subgenus XYLOTINA HIPPA, 1978

HIPPA, 1978: Acta zool. fenn., **156**: 117 (as subgenus of *Chalcosyrphus* CURRAN, 1925).

Type-species: *Milesia nemorum* FABRICIUS, 1805: Syst. antl.: 192 (orig. des.).

arsenjevi (VIOLOVITSH, 1980): Sistematika i ekologiya zhivotnykh (Novye i maloizvestnye vidy fauny Sibiri, 14): 127 (*Xylota*). Type-locality: Southern Primorye, Posyet bay.—Distr.: USSR: FE (Primorye Territory).

carbonus (VIOLOVITSH, 1975): Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 88 (*Xylota*). Type-locality: Amur region, Klimoutsy (40 km W Svobodnyi).—Distr.: USSR: FE (Amur region).

nemorum (FABRICIUS, 1805): Syst. antl.: 192 (*Milesia*). Type-locality: "Austria".—Distr.: Europe: N, S, IRE, GB, DK, NL, B, D, PL, CS, F, A, H, I, YU, R; USSR: CET, SET, TC, KZ, WS, ES, FE; Asia: Japan (Hokkaido); Nearctic Region.

bifasciatus (MEIGEN, 1822): Syst. Besch., **3**: 219 (*Xylota*). Type-locality: not given (Europe).

pallidipes (STACKELBERG, 1922): Russk. ent. Obozr., **18**(1): 27 (*Xylota*, as var. of *nemorum*). Type-locality: "Prov. Batumensis (Transcaucasus)".

nigripes (ZETTERSTEDT, 1838): Insecta Lapp.: 585 (*Xylota*). Type-locality: "in Lapponia Umensi; ad novaculum Umenaes. . . (Lappon. Suecica)" (Sweden).—Distr.: Europe: S, SF; USSR: ES (Yakutia), FE (Khabarovsk and Primorye Territories).

nitidus (PORTSCHINSKY, 1879): Horae Soc. ent. ross., **15**(2–3): 157 (*Xylota*). Type-locality: "circa Mohileviam ad Boristhenem" [= environs of Mohilev on Dnieper] (USSR).—Distr.: USSR: CET, WS (Tuva, Altai, Sayan), FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: N China.

Subgenus XYLOTODES SHANNON, 1926

SHANNON, 1926: Proc. U.S. natn. Mus., **69**: 22 (as genus).

Type-species: *Brachypalpus inarmatus* HUNTER, 1897: Can. Ent., **29**: 142 (orig. des.); not Palaearctic.

- ambiguus** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 124 (*Xylota*). Type-locality: "Gokurakuji, Hiroshima".—Distr.: Asia: Japan (Honshu).
- eunotus** (LOEW, 1873): Berl. ent. Z., **17**: 37 and Beschr. europ. Dipt., **3**: 213 (*Brachypalpus*). Type-localities: "in Pannonia inferiori et in confinibus Daciae regionibus" [= Hungary and Roumania]; "Orsowa" (Orşova, Roumania).—Distr.: Europe: GB, NL, B, PL, CS, H, R; USSR: TC (Arm).
- hisamatsui** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 50 (*Brachypalpus*). Type-locality: "Mt. Sara, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- jacobsoni** (STACKELBERG, 1921): Russk. ent. Obozr., **17**: 140 (*Xylota*). Type-locality: "Sibiria orientalis, prov. Jakutskensis et Amurensis".—Distr.: Europe: SF; USSR: CET, SET, WS, ES, FE.
- helophiloides* (KANERVO, 1938): Annls ent. fenn., **4**(3): 161 (*Myiolepta*). Type-locality: "Irkutsk" (USSR: East Siberia).
- nigricans** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 126 (*Xylota*). Type-locality: "Omogokei, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- piger** (FABRICIUS, 1794): Entom. syst., **4**: 295 (*Syrphus*). Type-locality: "Germania".—Distr.: Europe: S, NL, B, D, PL, F, E, I, YU; USSR: NET, CET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: N China; Nearctic Region.
- haematodes* (FABRICIUS, 1805): Syst. antl.: 193 (*Milesia*). Type-locality: "Carolina".
- crassipes* (WAHLBERG, 1838): K. svenska VetenskAkad. Handl.: 15 (*Xylota*). Type-localities: "ad Mariaeberg prope Holmiam" [= near Stockholm], "ad Gusum" (Sweden).
- fulviventris* (BIGOT, 1861): Annls Soc. ent. Fr., (4) **1**: 228 (*Xylota*). Type-locality: "Corse" [= Corsica] (France).
- pini* (PERRIS, 1870): Annls Soc. ent. Fr., (4) **10**: 330 (*Xylota*). Type-locality: "département des Landes" (France).
- nigerrimus* (BECKER, 1910): Dt. ent. Z., **1910**: 653 (*Xylota*). Type-locality: "Vizzavona" [= Corsica] (France).

Subgenus XYLOTOMIMA SHANNON, 1926

SHANNON, 1926: Proc. U.S. natn. Mus., **69**: 15 (as genus).

Type-species: *Xylota vecors* OSTEN SACKEN, 1875: Bull. Buffalo Soc. nat. Hist., **3**: 69 (orig. des.); not Palaearctic.

- acoetes** (SÉGUY, 1948): Notes Ent. chin., **12**: 165 (*Zelima*). Type-locality: "Chine: Che-mo, Houa-chan".—Distr.: Asia: China; Oriental Region.

- amurensis** (STACKELBERG, 1925): Dt. ent. Z., **1925**: 285 (*Zelima (Xylota)*). Type-locality: "Sibiria orientalis: prov. Amurensis prope pagum Ovsjanka in ripis fluminis Zeja" (USSR: Siberia).—Distr.: USSR: FE (Khabarovsk and Primorye Territories).
- curvipes** (LOEW, 1854): Programm K. Realschule zu Meseritz, **1854**: 19 (*Xylota*). Type-localities: "Schlesien, Böhmen, Oesterreich, Schweiz" (Poland, Czechoslovakia, Austria, Switzerland).—Distr.: Europe: NL, B, D, PL, CS, F, CH, A; USSR: CET, SET, KZ, SMA (Ki), WS, ES, FE.
- femoratus** (LINNAEUS, 1758): Syst. Nat., Ed. 10, **1**: 595 (*Musca*). Type-locality: "Europa".—Distr.: Europe: N, S, DK, NL, B, D, PL, CS, F, CH, A, E, I, YU, R, BG; USSR: from Kola peninsula to SET, TC, KZ, SMA (Ki), WS, ES, FE; Asia: China.
- volvulus* (FABRICIUS, 1794): Entom. syst., **4**: 295 (*Syrphus*). Type-locality: "Gallia" (France).
- longus** (COQUILLET, 1898): Proc. U.S. natn. Mus., **21**: 327 (*Xylota*). Type-locality: not given (Japan).—Distr.: USSR: FE (Kuril Is, Primorye Territory); Asia: Japan (Hokkaido, Honshu).
- okadomei** (VIOLOVITSH, 1976): Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 127 (*Xylota*). Type-locality: Japan Juniko, Nishitugaru, Aomori pref.—Distr.: Asia: Japan (Honshu).
- pannonicus** (OLDENBERG, 1916): Wien. ent. Ztg, **35**: 106 (*Zelima (Xylota)*). Type-locality: "Herkulesbad" [= Băile-Herculane] (Roumania).—Distr.: Europe: R, BG; USSR: SET (Carpatians), TC.
- rufipes** (LOEW, 1873): Besch. europ. Dipt., **3**: 212 and Berl. ent. Z., **17**: 36 (*Xylota*). Type-localities: "Herculesbad" [= Băile-Herculane] (Roumania); "in Pannonia inferiori et in confinibus Daciae regionibus" (Hungary and Roumania).—Distr.: Europe: H, R; USSR: CET, TC, WS (Altai, Tuva), ES (Pribaikalye), FE (Primorye Territory); Asia: Mongolia.
- sapporoensis** (SHIRAKI, 1930): Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 76 (*Zelima*). Type-localities: "Japan (Sapporo) und . . . aus Korea".—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Kuril Is); Asia: Korea, Japan (Hokkaido).
- unicus** (VIOLOVITSH, 1977): Taksony fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 11): 82 (*Xylota*). Type-locality: Primorye, environs of the Vityaz bay.—Distr.: USSR: FE (Primorye Territory).

Unplaced species of Chalcosyrphus

- dicolor** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 91 (*Xylota*). Type-locality: "Nikko" (Japan).—Distr.: Asia: Japan (Honshu).
- japonicus** (SHIRAKI, 1968): Fauna jap. Syrphidae, **3**: 122 (*Xylota*). Type-locality: "Tajima, Fukushima Pref." (Japan).—Distr.: USSR: WS, ES, FE; Asia: Mongolia, Japan (Hokkaido, Honshu).

- latifrons** (SHIRAKI et EDASHIGE, 1953): Trans. Shikoku ent. Soc., 3(5-6): 118 (*Zelima*). Type-locality: "Mt. Ishizuchi, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- rerichi** (VIOLOVITSH, 1975): Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 86 (*Xylota*). Type-locality: Altai, Lake Teletskoe, environs of Artybash (W Siberia).—Distr.: USSR: WS (Altai).

Chrysosomidia CURRAN, 1934

CURRAN, 1934: Fam. Gen. N. Am. Dipt.: 261.

Type-species: *Caliprobola crawfordi* SHANNON, 1916: Proc. ent. Soc. Wash., 18: 112 (orig. des.); not Palaearctic.

- cimbiciformis** (PORTSCHINSKY, 1879): Horae Soc. ent. ross., 15(2-3): 157 (*Spilomyia*). Type-locality: "Siberia (Minussinsk)".—Distr.: USSR: WS (Tuva), ES (Transbaikal), FE (Primorye Territory).

Xylota MEIGEN, 1822

MEIGEN, 1822: Syst. Besch., 3: 211 (unjustified new name for *Heliophilus* MEIGEN, 1803).

Type-species: *Musca sylvarum* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 592 (aut.).

Zelima MEIGEN, 1800: Nouve. Class.: 34. Type-species: *Musca segnis* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 595 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 621). Suppressed by I.C.Z.N., 1963, Opinion 678: 339.

Eumeros MEIGEN, 1803: Mag. Insektenk., 2: 273. Type-species: *Musca segnis* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 595 (des. COQUILLET, 1910: Proc. U.S. natn. Mus., 37: 541).

Heliophilus MEIGEN, 1803: Mag. Insektenk., 2: 273. Type-species: *Musca sylvarum* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 592 (as *Syrphus sylvarum* FABRICIUS) (mon.).

Micraptoma WESTWOOD, 1840: Synopsis, 2: 136. Type-species: *Musca segnis* LINNAEUS, 1758: Syst. Nat., Ed. 10, 1: 595 (mon.). [For discussion of nomenclature problem see WIRTH, et al., 1965: 604.]

abiens MEIGEN, 1822: Syst. Besch., 3: 218 (*Xylota*). Type-locality: not given (Europe).—Distr.: Europe: GB, DK, NL, B, D, PL, F, CH, A, I, YU, R; USSR: CET, SET, TC, KZ, WS, ES, FE.

subabiens (STACKELBERG, 1952): Ent. Obozr., 32: 326 (*Zelima*). Type-localities: Leningrad region: Komarovo on the northern coast of Finland bay; Yugoslavia (Orshova).

- coeruleiventris** ZETTERSTEDT, 1838: *Insecta Lapp.*: 585 (*Xylota*). Type-locality: "in Lapponia Umensi; ad Asele. . . (Lappon.-Dalecarlia-Ostrog. Scan.)" (Sweden).—Distr.: Europe: N, S, SF, IRE, GB, DK, B, D, PL, F, R; USSR: CET, SET, WS, ES, FE; Asia: Mongolia.
- coquilletti** HERVÉ-BAZIN, 1914: *Annls Soc. ent. Fr.*, **83**: 409 (*Xylota*; new name for *X. cuprina* COQUILLET, 1898, a junior primary homonym of *Xylota cuprina* BIGOT, 1885). Type-locality: "Tokyo" (Japan).—Distr.: USSR: WS (Altai, Sayan, Tuva), FE (Khabarovsk and Primorye Territories, Sakhalin, Kuril Is); Asia: Japan (Hokkaido, Honshu); Oriental Region.
- cuprina* COQUILLET, 1898: *Proc. U.S. natn. Mus.*, **21**(1146): 327 (*Xylota*). Type-locality: not given (Japan).
- [**coquilletti amamiensis** SHIRAKI, 1968: *Fauna jap. Syrphidae*, **3**: 122 (*Xylota*, as subsp. of *coquilletti*). Type-locality: "Amami-Ōshima".—Distr.: Asia: Japan (S 30° NL).]
- filipjevi** (STACKELBERG, 1952): *Ent. Obozr.*, **32**: 327 (*Zelima*). Type-localities: Southern Primorye: Tigrovaya, Suchan district; Yakovlevka, Spassk district.—Distr.: USSR: FE (Primorye Territory).
- florum** (FABRICIUS, 1805): *Syst. antl.*: 250 (*Scaeva*). Type-locality: "Austria".—Distr.: Europe: from Scandinavia to E, I, YU; USSR: CET, SET, TC, WS, ES, FE.
- frontalis** (SHIRAKI et EDASHIGE, 1953): *Trans. Shikoku ent. Soc.*, **3**(5-6): 116 (*Zelima*). Type-locality: "Omogo Valley, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- hisamatsui** (SHIRAKI et EDASHIGE, 1953): *Trans. Shikoku ent. Soc.* **3**(5-6): 119 (*Zelima*). Type-locality: "Omogo Valley, Ehime Pref."—Distr.: Asia: Japan (Shikoku).
- ignava** (PANZER, [1798]): *Faunae insect. germ.*, Fasc. **60**: 4 (*Syrphus*). Type-locality: "Norimbergae" [= Nürnberg].—Distr.: Europe: S, SF, NL, B, D, PL, CS, F, CH, A, E, I, YU, R, BG; USSR: CET, SET, TC, KZ, SMA (Tu, Uz, Ki, Tj), WS, ES, FE; Asia: Mongolia, China (E Tibet), Korea, Japan.
- basalis* MATSUMURA, 1911: *J. Coll. Agric. Hokkaido imp. Univ.*, **4**(1): 74 (*Xylota*). Type-localities: "Solowiyofka, Kusunnai" [= Sakhalin: near Korsakov, Ilinskiy].
- inermis* BECKER, 1921: *Mitt. zool. Mus. Berl.*, **10**: 86 (*Xylota*). Type-locality: "Transbaikal, Tschita" (E Siberia).
- isokoae** SHIRAKI, 1968: *Fauna jap. Syrphidae*, **3**: 93 (*Xylota*). Type-locality: "Nurukawa, Aomori Pref."—Distr.: Asia: Japan (Honshu).
- jakutorum** BAGATSHANOVA, 1980: *Ent. Obozr.*, **59**(2): 426 (*Xylota*). Type-locality: Khaptagai, 35 km SE Yakutsk, right bank of Lena.—Distr.: USSR: ES (Yakutia).
- meigeniana** STACKELBERG, 1964: *Zool. Zh.*, **43**(3): 473 (*Xylota*; as "new name" for *Zelima abiens*: STACKELBERG, 1952: *Ent. Obozr.*, **32**: 321, not MEIGEN, 1822, misidentification). Type-localities: from Leningrad region to

- Ukraina; Siberia (Pribaikalye); Sakhalin. Europe; Japan.—Distr.: Europe: NL, B, R; USSR: CET, SET, WS, ES, FE; Asia: Japan.
- segnis** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 595 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC, KZ, WS, ES; Asia: N China; North Africa: Morocco; Canary Is, Madeira, Azores; Nearctic Region.
- maritima* (SCOPOLI, 1763): Entom. carniolica: 344 (*Musca*). Type-locality: "Carniola" (?NE Yugoslavia).
- fucata* (HARRIS, [1780]): Expos. Eng. Ins.: 83 (*Musca*). Type-locality: not given (England).
- brassicaria* (DONOVAN, 1796): Illustr. Br. Ins., 5: 17 (*Musca*). Type-locality: not given (England).
- sibirica** LOEW, 1871: Besch. europ. Dipt., 2: 236 (*Xylota*). Type-locality: "Sibirien" (USSR).—Distr.: USSR: WS, ES, FE; Asia: Mongolia, N China.
- suecica** (RINGDAHL, 1943): Opusc. ent., 8: 23 (*Zelima*). Type-locality: "bei Indersåker in Jämtland" (Sweden).—Distr.: Europe: N, S, SF; USSR: NET, WS, ES, FE (Chukotka).
- sylvarum** (LINNAEUS, 1758): Syst. Nat., Ed. 10, 1: 592 (*Musca*). Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC, KZ, WS, ES, FE; Asia: Mongolia.
- longisco* (HARRIS, [1780]): Expos. Eng. Ins.: 83 (*Musca*). Type-locality: not given (England).
- impigra* (ROSSI, 1790): Fauna Etrusca, 2: 289 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).
- tarda** MEIGEN, 1822: Syst. Besch., 3: 225 (*Xylota*). Type-locality: "Österreich" (Austria).—Distr.: Europe: N, S, SF, GB, DK, NL, B, D, PL, CS, F, A, H, I, YU; USSR: CET, SET, TC, KZ (north), WS, ES, FE.
- confinis* ZETTERSTEDT, 1843: Dipt. Scand., 2: 872 (*Xylota*). Type-localities: "Ostrogothia . . . Gottlandia" [= Östergötland and Gotland] (Sweden).
- triangularis** ZETTERSTEDT, 1838: Insecta Lapp.: 586 (*Xylota*). Type-localities: "in Lapponia . . . ; . . . Lycksele et Nydahl Lapponiae Umensis . . . ; ad Muonioniska Lapponiae Tornensis (Lapponia-Dalekarlia)" [= Västerbotten] (Sweden) and [= Muonio, Lappi] (Finland).—Distr.: Europe: S, SF, D, F, CH; USSR: CET, WS, ES, FE; Asia: Mongolia.
- umbrosa** VILOVITSH, 1975: Taksonomiya i ekologiya zhivotnykh Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 9): 87 (*Xylota*). Type-locality: Southern Primorye, the Lower stream of Barabyshevka-river.—Distr.: USSR: FE (Khabarovsk and Primorye Territories, Sakhalin).
- xanthocnema** COLLIN, 1939: Entomologist's mon. Mag., 75: 108 (*Xylota*). Type-localities: "at Chelsham (Surrey), at Mopley Pond (Hants) . . . in the south of England" (Great Britain).—Distr.: Europe: GB, DK, NL, B, D, PL, CS, CH, A, H, I, YU, R; USSR: CET, SET, TC.

Doubtful species of *Xylota*

- lugens* (ROSSI, 1790): Fauna Etrusca, **2**: 298 (*Syrphus*). Type-localities: "in provinciis Florentina et Pisana" [= Firenze and Pisa] (Italy).
semulatra (HARRIS, [1780]): Expos. Eng. Ins.: 112 (*Musca*). Type-locality: not given (England).

Unplaced species of *Xylotini*

- bicincta* (SZILÁDY, 1940): Annls hist.-nat. Mus. natn. hung., **33**: 68 (*Zelima*). Type-locality: not given.—Distr.: unknown.
puella BECKER, 1921: Mitt. zool. Mus. Berl., **10**: 85 (*Xylota*). Type-locality: "Insel Madeira".—Distr.: Madeira.

Subfamily Microdontinae

Microdon MEIGEN, 1803

MEIGEN, 1803: Mag. Insektenk., **2**: 275.

Type-species: *Musca mutabilis* LINNAEUS, 1758: Syst. Nat., Ed. 10, **1**: 522 (as *Mulio mutabilis* FABRICIUS, 1758) (mon.).

Aphritis LATREILLE, 1804: Nouv. Dict. Hist. nat., **24** (Tabl. méth. Ins.): 193. Type-species: *Aphritis auropubescens* LATREILLE, 1805: Hist. nat. Crust. Ins., **14**: 358 (subsequent monotypy, LATREILLE, 1805: l.c.: 358) [= *mutabilis* (LINNAEUS, 1758)].

analis (MACQUART, 1842): Mém. Soc. Sci. Agric. Lille, **1841**(1): 72 and Dipt. exot., **2**(2): 12 (*Aphritis*). Type-locality: "Nous le présumons d'Alger" (?Algeria).—Distr.: North Africa: ?Algeria.

auricomus COQUILLET, 1898: Proc. U.S. natn. Mus., **21**(1146): 320 (*Microdon*). Type-locality: not given (Japan).—Distr.: Asia: Korea, Japan.

auricomus nigripes SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**(1): 22 (*Microdon*, as var. of *auricomus*). Type-localities: "von Koyasan . . . und . . . aus Korea".—Distr.: Asia: Korea, Japan.

bifasciatus MATSUMURA, 1916: Thousand Ins. Japan, Add. **2**: 254, pl. XVII, fig. 29 (*Microdon*). Type-locality: "Hokkaido (Sapporo)".—Distr.: Asia: Japan (Hokkaido).

caeruleus BRUNETTI, 1908: Rec. Indian Mus., **2**(1): 92 (*Microdon*). Type-locality: Margherita, Assam, India.—Distr.: Asia: Japan; Oriental Region. The nominate subspecies is not Palaearctic.

caeruleus simplex SHIRAKI, 1930: Mem. Fac. Agric. Taihoku imp. Univ., **1**: 15 (*Microdon*, as var. of *caeruleus*). Type-localities: "aus Japan (Yamaguchi) und aus Formosa (Asachi)".—Distr.: Asia: Japan; Oriental Region (Taiwan).

- devius** (LINNAEUS, 1761): Fauna Svecica, Ed. 2: 446 (*Musca*). Type-locality: "Svecia" (Sweden).—Distr.: Europe: S, SF, GB, DK, NL, B, D, PL, CS, F, CH, A, H, E, I, YU, R, BG; USSR: CET, SET, WS, ES.
- viridescens* (VILLERS, 1789): Caroli Linnaei entom., 3: 463 (*Musca*). Type-locality: "Gallia Aust." (Southern France).
- conicus* (PANZER, [1793]): Faunae insect. germ., Fasc. 12: 21 (*Stratiomys*). Type-locality: "Dresda" [= Dresden].
- piger* (SCHRANK, 1803): Fauna boica, 3(1): 97 (*Stratiomys*). Type-locality: not given (Baiern) [D].
- anthinus* MEIGEN, 1822: Syst. Besch., 3: 165 (*Microdon*). Type-locality: not given ("wahrscheinlich die hiesige Gegend") (?Stolberg near Aachen) [D].
- micans* MEIGEN, 1822: Syst. Besch., 3: 165 (*Microdon*). Type-localities: not given ("aus hiesiger Gegend") (?Stolberg near Aachen) [D], "Österreich" (Austria).
- fuscitarsis* SCHUMMEL, 1842: Uebers. schles. Ges. vaterl. Kult., 1841: 115 (*Microdon*). Type-locality: "Lissa (1½ Meile von Breslau)" [= near Wrocław] (Poland).
- picticornis* MIK, 1897: Wien. ent. Ztg, 16(2): 66 (*Microdon*, as var. of *devius*). Type-locality: not given.
- eggeri** MIK, 1897: Wien. ent. Ztg, 16(2): 66 (*Microdon*, new name for *M. brevicornis* EGGER, 1862, a junior primary homonym of *Microdon brevicornis* LOEW, 1857).—Distr.: Europe: SF, GB, DK, NL, B, L, D, PL, CS, F, CH, A, R; USSR: NET, CET, SET, TC, SMA (Ki), WS, ES, FE; Asia: Mongolia.
- brevicornis* EGGER, 1862: Verh. zool.-bot. Ges. Wien, 12: 783 (*Microdon*). Type-locality: "Austria, Alpes".
- major* ANDRIES, 1912: Z. wiss. Zool., 103(2): 307 (*Microdon*, as var. of *eggeri*). Type-locality: "im Kottenforst bei Bonn" [D].
- ignotus** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 160 (*Microdon*). Type-locality: Southern Primorye, village Peishula.—Distr.: USSR: FE (Primorye Territory).
- japonicus** YANO, 1915: Konchu-Sekai (Insect Wld), 19(1): 5 (*Microdon*). Type-localities: Japan (Komaba, Harima, Shinano).—Distr.: Asia: Japan.
- jezoensis* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 255, pl. XVII, fig. 30 (*Microdon*). Type-locality: "Hokkaido (Sapporo)".
- lateus** VILOVITSH, 1976: Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 160 (*Microdon*). Type-locality: Tuva, Tannu-Ola mountain ridge, environs of the Lake Chagytyai (W Siberia).—Distr.: USSR: WS (Tuva), ES (Pribaikalye).
- latifrons** LOEW, 1856: Verh. zool.-bot. Ver. Wien, 6: 599 (*Microdon*). Type-locality: "Mitteldeutschland" (Germany).—Distr.: Europe: S, SF, B, D, PL, CS, F, YU; USSR: NET, CET, South Siberia, FE (Sakhalin, Primorye Territory); Asia: Mongolia.

- maritimus** VILOVITSH, 1976: *Novosti fauny Sibiri (Novye i maloizvestnye vidy fauny Sibiri, 10): 161 (Microdon, as "maritinus")*. Type-locality: Southern Primorye: Reservation Kedrovaya Pad.—Distr.: USSR: FE (Primorye Territory).
- mutabilis** (LINNAEUS, 1758): *Syst. Nat., Ed. 10, 1: 592 (Musca)*. Type-locality: "Europa".—Distr.: Europe: from Scandinavia to E, I, YU, BG; USSR: CET, SET, TC, KZ, WS (Altai), FE (Primorye Territory).
- apiformis** (DE GEER, 1776): *Mém. Ins., 6: 128 (Musca)*. Type-locality: not given (Sweden).
- novus** (SCHRANK, 1776): *Beitr. Naturgesch.: 93 (Musca)*. Type-locality: "Oesterreich" (Austria).
- apiarius** (FABRICIUS, 1781): *Species insect., 2: 422 (Syrphus)*. Type-locality: "Italia".
- auropubescens** (LATREILLE, 1805): *Hist. nat. Crust. Ins., 14: 358 (Aphritis)*. Type-localities: "Montmorency; ...contrées méridionales de la France".
- scutellaris** SCHUMMEL, 1842: *Uebers. schles. Ges. vaterl. Kult., 1841: 116 (Microdon)*. Type-locality: "Lissa (1½ Meile von Breslau)" [= near Wrocław] (Poland).
- mysa** VILOVITSH, 1971: *Novye i maloizvestnye vidy fauny Sibiri, 4: 62 (Microdon)*. Type-locality: Altai, Teletskoe Lake, environs of Yailyu.—Distr.: USSR: WS (Altai).
- oitanus** SHIRAKI, 1930: *Mem. Fac. Agric. Taihoku imp. Univ., 1(1): 18 (Microdon)*. Type-locality: "Japan (Oita)".—Distr.: Asia: Japan.
- rhenanus** ANDRIES, 1912: *Z. wiss. Zool., 103(2): 307 (Microdon)*. Type-locality: "Kottenforst bei Bonn" [D].—Distr.: Europe: D.
- sophianus** DRENSKY, 1934: *Mitt. bulg. ent. Ges., 8: 122 and 130 (Microdon)*. Type-locality: "in der Nähe von Sofia bei Vrana".—Distr.: Europe: BG.
- tuberculatus** SHIRAKI, 1968: *Fauna jap. Syrphidae, 2: 11 (Microdon)*. Type-locality: "Setagaya, Tokyo" (Japan).—Distr.: Asia: Japan (Honshu).
- ursitarsis** STACKELBERG, 1926: *Annu. Mus. zool. Acad. Sci. USSR, 1926(1925) (1/2): 90 (Microdon)*. Type-locality: "sinus Zolotoi Rog, prope oppidum Vladivostok, prov. Litoralis Sibiriae orientalis" (USSR, Primorye).—Distr.: USSR: FE (Primorye Territory).

Doubtful species of Syrphidae

- aenea** GMELIN, 1790: *Syst. Nat., Ed. 13, 1(5): 2879 (Musca (Syrphus))*. Type-locality: "Europa".
- agilitas** HARRIS, [1780]: *Expos. Eng. Ins.: 108 (Musca)*. Type-locality: not given (England).
- chrysozonias** GMELIN, 1790: *Syst. Nat., Ed. 13, 1(5): 2879 (Musca (Syrphus))*. Type-locality: "Europa".
- depressa** SWEDERUS, 1787: *K. VetenskAkad. nya Handl., 8: 287 (Musca (Syrphus))*. Type-locality: "Kamtshatka".
- dexter** HARRIS, [1780]: *Expos. Eng. Ins.: 108 (Musca)*. Type-locality: not given (England).
- fulva** GMELIN, 1790: *Syst. Nat., Ed. 13, 1(5): 2878 (Musca (Syrphus))*. Type-locality: "Europa".

- japonicus* MATSUMURA, 1916: Thousand Ins. Japan, Add. 2: 223, pl. XVII, fig. 4 (*Merapioidus*). Type-locality: "Hokkaido (Sapporo)".
- leucocephala* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2878 (*Musca (Syrphus)*). Type-locality: "Europa".
- lineolata* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (*Musca (Syrphus)*). Type-locality: "Europa".
- naevia* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (*Musca (Syrphus)*). Type-locality: "Europa".
- ochroleuca* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2878 (*Musca (Syrphus)*). Type-locality: "Europa".
- prasina* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (*Musca (Syrphus)*). Type-locality: "Europa".
- pusilla* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (*Musca (Syrphus)*). Type-locality: "Europa".
- rubiginosa* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2878 (*Musca (Syrphus)*). Type-locality: "Europa".
- trifasciatus* PREYSSLER, 1793: Samml. Physik. Aufsätze, Dresden, 3: 313 (*Syrphus*). Type-locality: "Böhmerwald" [= Šumava Mts] (Czechoslovakia).
- valga* GMELIN, 1790: Syst. Nat., Ed. 13, 1(5): 2879 (*Musca (Syrphus)*). Type-locality: "Europa".

Family Pipunculidae

By V. N. TANASIJTSHUK

Usually small (2–5 mm) and predominantly obscure flies; sometimes reaching 10 mm (*Nephrocerus*). Eyes strikingly large, head extremely mobile, semiglobular or nearly globular. Wing venation closely approaching that of Syrphidae. Male hypopygium large and asymmetrical with characteristic hollows and prominences; its shape together with that of sclerotized female ovipositor is characteristic of the species. Sexual dimorphism marked. Females usually with lighter coloration, less pruinose, their eyes always separated by the forehead. In darker, less shining males eyes in forehead frequently meeting.

Pipunculids are endoparasites of various families of Homoptera, especially of Cicadellidae and Delphacidae and are of considerable importance as biological control agents. However, biology of the overwhelming majority of species is poorly known. The family Pipunculidae are distributed throughout the world; it contains more than 600 species.

References: ACZÉL, 1943; COE, 1966; COLLIN, 1956; SACK, 1935.

Chalarus WALKER, 1834

WALKER, 1834: Ent. Mag., 2: 269.

Type-species: *Cephalops spurius* FALLÉN, 1816: Syrphici Sveciae: 16 (des. WESTWOOD, 1840: Synopsis: 135).

Atelenevra MACQUART, 1834: Mém. Soc. Sci. Agric. Lille, 1833: 356. Type-species: *Pipunculus holosericeus* MEIGEN, 1824: Syst. Besch., 4: 24 (orig. des.) [= *spurius* (FALLÉN, 1816)].

Atelenevra: authors; unjustified emendation.

argenteus COE, 1966: Proc. R. ent. Soc. Lond. (B), 35(11–12): 156 (*Chalarus*). Type-locality: "Ireland, County Wicklow, Killoughter".—Distr.: Europe: IRE, GB.

basalis LOEW, 1873: Besch. europ. Dipt., 3: 215 (*Chalarus*). Type-locality: "Galizien", "bei Podegrodzie" [= USSR, Ivano-Francovsk region, Rogatin district].—Distr.: Europe: GB, PL, A; USSR: NET, CET, SET.

- fimbriatus** COE, 1966: Proc. R. ent. Soc. Lond. (B), 35(11-12): 153 (*Chalarus*).
Type-locality: "England: Surrey, Selsdon Wood".—Distr.: Europe: IRE, GB, PL.
- griseus** COE, 1966: Proc. R. ent. Soc. Lond. (B), 35(11-12): 154 (*Chalarus*).
Type-locality: "England: Kent, Sevenoaks".—Distr.: Europe: GB.
- latifrons** HARDY, 1943: Kans. Univ. Sci. Bull., 29(1): 33 (*Chalarus*). Type-locality:
"Chiricahua Mts, Arizona" (USA).—Distr.: Europe: S, GB, D, DDR, PL; Nearctic Region.
- parmenteri** COE, 1966: Proc. R. ent. Soc. Lond. (B), 35(11-12): 157 (*Chalarus*).
Type-locality: "Scotland: Dunbarton, Bonhill".—Distr.: Europe: GB.
- pughi** COE, 1966: Proc. R. ent. Soc. Lond. (B), 35(11-12): 154 (*Chalarus*). Type-locality:
"England: Surrey, Selsdon".—Distr.: Europe: GB, E, CS.
- spurius** (FALLÉN, 1816): Syrphici Sveciae: 16 (*Cephalops*). Type-locality: "Esperöd"
(Sweden).—Distr.: Europe: from GB, S and SF to E, I and YU; USSR: NET, CET, SET, SMA (Tj), FE; Canary Is.; Afrotropical, Oriental, Nearctic and Neotropical Regions.
- holosericeus* (MEIGEN, 1824): Syst. Besch., 4: 24 (*Pipunculus*). Type-localities:
"Oesterreich", ?Stolberg.
- obscurus* (ZETTERSTEDT, 1838): Insecta Lapp.: 580 (*Atelenevra*). Type-locality:
"Lappon.-Ostrogoth." (Sweden).
- velutinus* (MACQUART, 1835): Hist. nat. Ins., Dipt., 2: 12 (*Atelenevra*). Type-locality:
"D'Allemagne".

Doubtful species of *Chalarus*

- exiguus* (HALIDAY, 1833): Ent. Mag., 1: 162 (*Pipunculus*). Type-locality: "Holywood in Downshire"
(Ireland).

Verrallia MIK, 1899

- MIK, 1899: Wien. ent. Ztg, 18: 269.
Type-species: *Cephalops aucta* FALLÉN, 1817: Syrphici Sveciae: 61 (orig. des.).
- Prothechus* RONDANI, 1856: Dipt. Ital. Prodromus, 1: 139. Suppressed by I.C.Z.N.,
Bull. zool. nom. 1961, 18(4): 230, Opinion 597.
- Jassidophaga* ACZÉL, 1939: see below as subgenus.

Subgenus **VERRALLIA** MIK, 1899

- aucta** (FALLÉN, 1817): Syrphici sveciae: 61 (*Cephalops*). Type-locality: "Esperöd"
(Sweden).—Distr.: Europe: S, SF, GB, DK, D, DDR, PL, CS, F, I; USSR: NET, CET, SET; Nearctic Region.
- spectabilis** COLLIN, 1941: Proc. R. ent. Soc. Lond. (B), 10(11): 218 (*Verrallia*). Type-locality:
"Tigrovaja, Sutshan District" [= Partizanskoje distr.] (USSR).—Distr.: USSR: FE.

Subgenus JASSIDOPHAGA Aczél, 1939

ACZÉL, 1939: Zool. Anz., **125**(1/2): 20.

Type-species: *Pipunculus pilosus* ZETTERSTEDT, 1838: Insecta Lapp.: 579 (orig. des.).

beatricis COE, 1966: Proc. R. ent. Soc. Lond. (B), **35**(11–12): 159 (*Verrallia*). Type-locality: "England: Hereford., Stoke Wood".—Distr.: Europe: GB, DK, CS.

pilosa (ZETTERSTEDT, 1838): Insecta Lapp.: 579 (*Pipunculus*). Type-localities: "Bjorkvik Nordlandiae", "Dowre Norvegiae", "Lapponia; Dalekarlia" (Norway, Sweden) ("Bjorkvik", lectotype des. by COLLIN, 1956: Opusc. ent., **21**(2–3): 158).—Distr.: Europe: from N to SF and from GB to R and YU; USSR: NET, CET; Nearctic Region.

fasciata (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.S.), **17**(1): 55 (*Pipunculus*). Type-locality: not given (Württemberg).

setosa VERRALL, 1901: British flies, **8**: 73 (*Verrallia*, as var. of *pilosa* ZETTERSTEDT, 1838: Type-locality: "Lyndhurst" (Great Britain).—Distr.: Europe: S, SF, GB, DK; USSR: NET.

villosa (VON ROSER, 1840): CorrespBl. württ. landw. Ver. Stuttg. (N.S.), **17**(1): 55 (*Pipunculus*). Type-locality: not given (Württemberg).—Distr.: Europe: S, SF, GB, DK, D, DDR, PL, A, CS, I, YU; USSR: CET, SET.

Beckerias ACZÉL, 1939

ACZÉL, 1939: Zool. Anz., **126**(7/8): 192.

Type-species: *Beckerias pannonicus* ACZÉL, 1939: l.c.: 192 (mon.).

pannonicus ACZÉL, 1939: Zool. Anz., **126**(7/8): 192 (*Beckerias*). Type-locality: "Gyenesdiás (Komitat Zala, Ungarn)".—Distr.: Europe: H.

Nephrocerus ZETTERSTEDT, 1838

ZETTERSTEDT, 1838: Insecta Lapp.: 578.

Type-species: *Nephrocerus lapponicus* ZETTERSTEDT, 1838: l.c.: 578 (mon.).

flavicornis ZETTERSTEDT, 1844: Dipt. Scand., **3**: 949 (*Nephrocerus*). Type-localities: "Svecia meridionali", "Röstanga Scaniae" (Sweden).—Distr.: Europe: S, SF, GB, D, DDR, PL, A, CS; USSR: NET, CET, SET.

lapponicus ZETTERSTEDT, 1838: Insecta Lapp.: 578 (*Nephrocerus*). Type-localities: "Lapponia Umensi", "Gransele", "Wilhelmina", "Lapponia Suecica meridionalis" (Sweden).—Distr.: Europe: S, SF, D, DDR, A, CS; USSR: NET, CET.

scutellatus (MACQUART, 1834): Mém. Soc. Sci. Agric. Lille, 1833: 356 (*Pipunculus*).
Type-locality: "Lestrem" (France, near Lille).—Distr.: Europe: ?SF, D,
DDR, PL, F, A, YU; USSR: SET.

Pipunculus LATREILLE, 1802

LATREILLE, 1802: Hist. nat. Crust. Ins., 3: 463.

Type-species: *Pipunculus campestris* LATREILLE, 1805: Hist. nat. Crust. Ins.,
14: 392 (mon.).

Dorilas MEIGEN, 1800: Nouve. Class.: 31. Suppressed by I.C.Z.N., Bull. zool. nom.,
1963, 20(5): 339, Opinion 678.

Dorylas: emendation.

Microcera MEIGEN, 1803: Mag. Insektenk., 2: 273. Type-species: *Pipunculus
campestris* LATREILLE, 1805: Hist. nat. Crust. Ins., 14: 392 (des. COQUILLET,
1910: Proc. U.S. natn. Mus., 37: 569).

calceatus VON ROSER, 1840: CorrespBl. württ. landw. Ver. Stuttg. (N.S.), 17(1): 55
(*Pipunculus*). Type-locality: not given (Württemberg).—Distr.: Europe:
S, DK, PL, F, A, CS; USSR: NET, CET.

pulchripes THOMSON, 1870: Opusc. ent., 2: 117 (*Pipunculus*). Type-locality:
"Funneni Skåne" (Sweden).

campestris LATREILLE, 1805: Hist. nat. Crust. Ins., 14: 392 (*Pipunculus*). Type-
locality: "environs de Paris".—Distr.: Europe (all parts); USSR: NET,
CET, FE; Nearctic Region.

ater MEIGEN, 1824: Syst. Besch., 4: 23 (*Pipunculus*). Type-locality: not given
(?Germany).

dentipes MEIGEN, 1838: Syst. Besch., 7: 146 (*Pipunculus*). Type-locality: not
given (?Stolberg) [D].

dispar ZETTERSTEDT, 1838: Insecta Lapp.: 579 (*Pipunculus*). Type-locality:
"Lycksele Lapponiae Umensis" (Sweden).

wolfi KOWARZ, 1887: Wien. ent. Ztg, 6: 152 (*Pipunculus*). Type-locality: "M"
[Marienbad = Mariánské Lázně] (Czechoslovakia).

fonsecai COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, 10 2(c): 51
(*Pipunculus*). Type-locality: "Norfolk (Kilverstone)" (Great Britain).—
Distr.: Europe: GB, CS.

lichtwardti KOZÁNEK, 1981: Biologia, Bratisl., 36(8): 606 (*Pipunculus*). Type-
locality: "Slovakia occ., Piešťany (Pistyan)" (Czechoslovakia).—Distr.:
Europe: CS.

oldenbergi COLLIN, 1956: Opusc. ent., 21(2-3): 163 (*Pipunculus*). Type-locality:
"Near Berlin".—Distr.: Europe: S, D, DDR, CS.

omissinervis BECKER, 1889: Wien ent. Ztg, 8(2): 83 (*Pipunculus*). Type-locality:
"Eggischhorn" (Switzerland).—Distr.: Europe: DDR, E, CH, CS.

- oppletus** COLLIN, 1941: Proc. R. ent. Soc. Lond. (B), 10(11): 221 (*Pipunculus*). Type-localities: "Tigrovaja, Sutshan District", "Jakovlevka, Spassk District", "Sutshan District" [= USSR, Partizanskoje and Spassk distr., Primorski reg.].—Distr.: USSR: FE.
- phaeton** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, 10 2(c): 49 and 52 (*Pipunculus*). Type-locality: "Oxford" (Great Britain).—Distr.: Europe: GB.
- spinipes** MEIGEN, 1830: Syst. Besch., 6: 359 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].—Distr.: Europe: S, SF, GB, DK, PL, I, A, CS; USSR: NET, CET.
- elegans* EGGER, 1860: Verh. zool.-bot. Ges. Wien, 10: 347 (*Pipunculus*). Type-locality: "Austria".
- tenuirostris** KOZÁNEK, 1981: Annotnes zool.-bot. Bratisl., 142: 4 (*Pipunculus*). Type-locality: "Slov. centr., Dubové" (Czechoslovakia).—Distr.: Europe: CS.
- thomsoni** BECKER, 1898: Berl. ent. Z., 42(1897): 67 (*Pipunculus*). Type-locality: "Schlesien" (Polen).—Distr.: Europe: S, ?SF, GB, NL, DK, PL, CS; USSR: CET.
- varipes** MEIGEN, 1824: Syst. Besch., 4: 21 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].—Distr.: Europe: S, SF, GB, DK, PL, I, A, CS; USSR: NET, CET; ?Oriental Region.
- monticola* SCHUMMEL, 1837: Uebers. Arb. schles. Ges. Vaterl. Kult., 1836(1837): 86 (*Pipunculus*). Type-locality: "Wölfelsgrunde der Grafschaft Glatz" [= near Kłodzko] (Poland).
- zugmayeriae** KOWARZ, 1887: Wien ent. Ztg, 6: 151 (*Pipunculus*). Type-locality: "A Ch F" [= Asch, Chodau] [= Aš, Chodov], [= Franzensbad] [= Františkovy Lázně] (Czechoslovakia).—Distr.: Europe: GB, D, DDR, PL, CS.

Cephalosphaera ENDERLEIN, 1936

ENDERLEIN, 1936: Die Tierwelt Mitteleur., 6(2) Diptera: 129.

Type-species: *Pipunculus furcatus* EGGER, 1860: Verh. zool.-bot. Ges. Wien, 10: 347 (mon.).

Strandimyza DUDA, 1940: Folia zool. hydrobiol., 10(1): 216. Type-species: *Pipunculus furcatus* EGGER, 1860: Verh. zool.-bot. Ges. Wien, 10: 347 (orig. des.).

furcata (EGGER, 1860): Verh. zool.-bot. Ges. Wien, 10: 347 (*Pipunculus*). Type-locality: "Austria".—Distr.: Europe: S, SF, GB, D, DDR, PL, A, H, BG; USSR: NET, CET.

Cephalops FALLÉN, 1810

FALLÉN, 1810: Specim. entom. novam Dipt.: 10.

Type-species: *Cephalops aeneus* FALLÉN, 1810: l.c.: 25 (mon.).

aeneus FALLÉN, 1810: Specim. entom. novam Dipt.: 25 (*Cephalops*). Type-locality: not given (Sweden).—Distr.: Europe: S, SF, GB, D, DDR, PL; USSR: NET, CET, FE.

flavipes (MEIGEN, 1824): Syst. Besch., 4: 21 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].

annulipes (ZETTERSTEDT, 1838): Insecta Lapp.: 580 (*Pipunculus*). Type-locality: "Stensele Lapponiae Umensis" (Sweden).—Distr.: Europe: S, SF, GB, PL; USSR: NET, CET, FE.

vittipes (ZETTERSTEDT, 1844): Dipt. Scand., 3: 963 (*Pipunculus*). Type-locality: as for *annulipes* (an objective junior synonym, see KERTÉSZ, 1900: Wien. ent. Ztg, 19(9): 245).

braueri (STROBL, 1880): Progr. k. k. Ober-Gymn. Benedictiner Seitenstetten, 1880: 13 (*Pipunculus*). Type-locality: Seitenstetten ("Am Rande des Stiftswaldes") (Austria).—Distr.: Europe: S, DK, PL, A; USSR: NET, CET.

carinatus (VERRALL, 1901): British flies, 8: 104 (*Pipunculus*). Type-locality: "Wyre Forest" (Great Britain).—Distr.: Europe: SF, GB.

chlorionae (FREY, 1945): Notul. ent., 25: 101 (*Pipunculus*). Type-localities: "Åland, Eckerö", "Nyland, Tvärminne Zoologische Station; Gloet", "Tvärminne, Björkskär" (Finland).—Distr.: Europe: SF.

conjunctivus COLLIN, 1958: Entomologist, 91: 97 (*Cephalops*). Type-locality: "Dalmatia, Korcula" (Yugoslavia).—Distr.: Europe: YU.

curtifrons COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, 10 2(c): 58 (*Cephalops*). Type-locality: "Cambridge (Woodditton Wood)" (Great Britain).—Distr.: Europe: GB.

flavomaculatus (STROBL, 1910): Mitt. naturw. Ver. Steierm., 46: 113 (*Pipunculus*). Type-locality: "Steiermark" (Austria).—Distr.: Europe: A.

germanicus ACZÉL, 1940: Zool. Anz., 132(7/8): 168 (*Cephalosphaera*). Type-locality: "Peist" (?Peiß) [D].—Distr.: Europe: S, GB, NL, D.

imperfectus (BECKER, 1921): Wien. ent. Ztg, 38(9/10): 154. Type-locality: "Alassio, Riviera" (Italy).—Distr.: Europe: I.

oberon COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, 10 2(c): 59 (*Cephalops*). Type-locality: "Berks. (Bagley Wood)" (Great Britain).—Distr.: Europe: GB.

obtusinervis (ZETTERSTEDT, 1844): Dipt. Scand., 3: 965 (*Pipunculus*). Type-locality: "Scandinavia", "Suecia meridionali".—Distr.: Europe: S, SF, GB.

obscurinervis: SCHINER 1862: Fauna austr., Dipt., 1: 248 (*Pipunculus*); error.

perspicuus (DE MEIJERE, 1907): Tijdschr. Ent., 50(4): 179 (*Pipunculus*). Type-locality: "Bussum" (Netherlands).—Distr.: Europe: GB, NL.

- pratorum** FALLÉN, 1816: *Syrphici Sveciae*: 15 (*Cephalops*). Type-locality: "Scaniae", "Esperöd" (Sweden).—Distr.: Europe: S, ?P, ?BG; USSR: NET.
- semifumosus** (KOWARZ, 1887): *Wien. ent. Ztg.*, **6**: 149 (*Pipunculus*). Type-locality: "Ch E" [= Chodau Eger] [Chodov, Cheb] (Czechoslovakia).—Distr.: Europe: S, GB, DK, PL, A, CS; USSR: CET.
- strigulipes* (VERRALL, 1901): *British flies*, **8**: 112 (*Pipunculus*). Type-locality: "Bournemouth" (Great Britain).
- strobl* (VERRALL, 1901): *British flies*, **8**: 109 (*Pipunculus*). Type-localities: "Kirtling", "Chippenham Fen", "Three Bridges", "Ledbury" (Sussex and Herefordshire) (Great Britain).
- semitidus** (BECKER, 1898): *Berl. ent. Z.*, **42**(1897): 73 (*Pipunculus*). Type-locality: "Ragusa" [= Dubrovnik] (Yugoslavia).—Distr.: Europe: YU.
- signatus** (BECKER, 1900): *Berl. ent. Z.*, **45**: 232 (*Pipunculus*). Type-locality: "Kupinovo, Ungarn" [= W from Beograd] (Yugoslavia).—Distr.: Europe: YU.
- subflavus** (BECKER, 1921): *Wien. ent. Ztg.*, **38**(9/10): 155 (*Pipunculus*). Type-locality: "St. Jean, West-Pyrenäen" (France).—Distr.: Europe: F.
- subultimus** COLLIN, 1956: *Opusc. ent.*, **21**(2-3): 165 (*Cephalops*). Type-localities: "Scotland, Golspie (Sutherland)" (Great Britain), "Oslo (Norway)".—Distr.: Europe: N, S, GB.
- titania** COE, 1966: *Pipunculidae, Handbk. Ident. Br. Insects*, **10** 2(c): 62 (*Cephalops*). Type-locality: "Surrey (Addington)" (Great Britain).—Distr.: Europe: GB.
- ultimus** (BECKER, 1900): *Berl. ent. Z.*, **45**: 231 (*Pipunculus*). Type-locality: "Sondrio, Ober-Italien".—Distr.: Europe: GB, I.
- vestitus** (BECKER, 1900): *Berl. ent. Z.*, **45**: 230 (*Pipunculus*). Type-locality: "Moisdorfer Grund bei Jauer in Schlesien" [= Jawor] (Poland).—Distr.: Europe: PL.

Claraeola ACZÉL, 1940

ACZÉL, 1940: *Zool. Anz.*, **132**(7/8): 151.

Type-species: *Dorylas adventicius* KERTÉSZ, 1912: *Annl. hist.-nat. Mus. natn. hung.*, **10**: 292 (orig. des.); not Palearctic.

- crassula** SHATALKIN, 1981: *Zool. Zh.*, **60**(5): 791 (*Claraeola*). Type-locality: "Хабаровский край, хребет Малый Хинган, р. Дичун" (USSR, Khabarovsk region).—Distr.: USSR: FE.

Eudorylas ACZÉL, 1940

ACZÉL, 1940: *Zool. Anz.*, **132**(7/8): 151.

Type-species: *Pipunculus opacus* FALLÉN, 1816: *Syrphici Sveciae*: 15 (orig. des.).

- arcanus** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 72 (*Eudorylas*). Type-locality: "Suffolk (Worlington)" (Great Britain).—Distr.: Europe: GB.
- coloratus** (BECKER, 1898): Berl. ent. Z., **42**(1897): 57 (*Pipunculus*). Type-locality: "Charlottenbrunn in Schlesien" [= near Wrocław] (Poland).—Distr.: Europe: S, DK, PL, A; USSR: NET, FE.
- discoidalis** (BECKER, 1898): Berl. ent. Z., **42**(1897): 46 (*Pipunculus*). Type-locality: "Sarepta" [= near Volgograd] (USSR).—Distr.: USSR: SET (Rs).
- dissimilis** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 76 (*Eudorylas*). Type-locality: "Kent (Blean Woods)" (Great Britain).—Distr.: Europe: GB.
- dudai** (HARDY, 1947): J. Kans. ent. Soc., **20**(4): 146 (*Dorilas*, new name for *Dorylas curvittibia* DUDA, 1940, regarded as homonymous with *Dorilas femoratus curvittibiae* HARDY, 1939).—Distr.: Europe: D.
curvittibia (DUDA, 1940): Folia zool. hydrobiol., **10**(1): 218 (*Dorylas*). Type-locality: "St. Wendel (Saargebiet)" [D].
- electus** (HARDY, 1947): J. Kans. ent. Soc., **20**(4): 146 (*Dorilas*, new name for *Dorylas caudatus* DUDA, 1940, in *Eudorylas* a junior secondary homonym of *Pipunculus caudatus* CRESSON, 1910).—Distr.: Europe: CS.
caudatus (DUDA, 1940): Folia zool. hydrobiol., **10**(1): 217 (*Dorylas*). Type-locality: "Riesengebirge [= Krkonoše] (Czechoslovakia).
- elephas** (BECKER, 1898): Berl. ent. Z., **42**(1897): 42 (*Pipunculus*). Type-locality: "Gastein" (Austria).—Distr.: Europe: S, SF, PL, A; USSR: NET.
- fascipes** (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 964 (*Pipunculus*). Type-localities: "Ostrogothia", "Wadstena" (Sweden).—Distr.: Europe: S, SF, GB, PL; USSR: NET, CET, FE.
- fluviatilis** (BECKER, 1900): Berl. ent. Z., **45**: 224 (*Pipunculus*). Type-locality: "Assiut am Nilufer" (Egypt).—Distr.: Europe: E; USSR: SET; North Africa: Egypt; Canary Is.
- furvulus** COLLIN, 1956: Opusc. ent., **21**(2–3): 167 (*Eudorylas*). Type-locality: "Nrk. Örebro, Oset" (Sweden).—Distr.: Europe: S, SF.
- fuscipes** (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 953 (*Pipunculus*). Type-localities: "Scandinavia", "Scania ad Silfåkra et Röstånga", "Ostrogothia ad Gusum", "ad Wadstena et Godegård", "Gottlandia ad Wamblingbo", "Dania" (Sweden, Denmark).—Distr.: Europe: S, SF, GB, DK, PL, E, I; USSR: NET, CET, SET.
- fuscus** (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 955 (*Pipunculus*). Type-localities: "in Suecia", "in Ostrogothia: ad Gusum", "ad Lärketorp" (Sweden).—Distr.: Europe: S, SF, PL; USSR: NET, CET.
- halteratus** (MEIGEN, 1838): Syst. Besch., **7**: 146 (*Pipunculus*). Type-locality: "Lüt-ticher Gegend" [= Liège] (Belgium).—Distr.: Europe: ?SF, GB, B, D.
- horridus** (BECKER, 1898): Berl. ent. Z., **42**(1897): 41 (*Pipunculus*). Type-locality: "Dalmatien bei Ragusa" [= Dubrovnik] (Yugoslavia).—Distr.: Europe: GB, H, YU.

- inferus** COLLIN, 1956: Opusc. ent., **21**(2-3): 167 (*Eudorylas*). Type-localities: "New Forest (Hants.)", "Surrey, Kent, Hereford, Oxford, Suffolk" (Great Britain), "Scania" (Sweden).—Distr.: Europe: S, GB, DK, PL.
- javanensis** (DE MEIJERE, 1907): Tijdschr. Ent., **50**: 262 (*Pipunculus*). Type-locality: "Semarang" (Indonesia).—Distr.: Asia: Japan; Oriental Region.
- tsuboi** (KOIZUMI, 1959): Scient. Rep. Fac. Agric. Okayama Univ., **13**: 40 (*Dorilas*). Type-locality: "Tsushima, Okayama City, Japan".
- jenkinsoni** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 69 (*Eudorylas*). Type-locality: "Moray (Altyre)" (Great Britain).—Distr.: Europe: GB.
- jucundus** (BECKER, 1921): Wien. ent. Ztg, **38**: 130 (*Pipunculus*). Type-locality: "Dorpat" [= Tartu] (USSR).—Distr.: USSR: CET (Est).
- kowarzi** (BECKER, 1898): Berl. ent. Z., **42**(1897): 48 (*Pipunculus*). Type-locality: "Schlesien" (Poland).—Distr.: Europe: ?GB, PL, YU.
- kumamotensis** (MATSUMURA, 1916): Thousand Ins. Japan, Add. **2**: 380 (*Pipunculus*). Type-locality: "Kumamoto" (Kyushu, Japan).—Distr.: Asia: Japan.
- lamellatus** (COLLIN, 1941): Proc. R. ent. Soc. Lond. (B), **10**(11): 223 (*Pipunculus*). Type-locality: "Jakovlevka Spassk District" (USSR, Primorski reg.).—Distr.: USSR: FE.
- longifrons** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 73 (*Eudorylas*). Type-locality: "Hants. (King's Somborne)" (Great Britain).—Distr.: Europe: GB.
- melanostolus** (BECKER, 1898): Berl. ent. Z., **42**(1897): 40 (*Pipunculus*). Type-locality: "Pavia" (Italy).—Distr.: Europe: S, DK, GB, A, I; USSR: NET; CET.
- modestus** (HALIDAY, 1833): Ent. Mag., **1**: 162 (*Pipunculus*). Type-locality: "Kent" (Great Britain).—Distr.: Europe: GB.
- montium** (BECKER, 1898): Berl. ent. Z., **42**(1897): 50 (*Pipunculus*). Type-locality: "St. Moritz" (Switzerland).—Distr.: Europe: GB, DK, PL, CH, E.
- mutillatus** (LOEW, 1857): Öfvers. K. VetenskAkad. Förh., **14**(9): 374 (*Pipunculus*). Type-locality: "Caffraria" (South Africa).—Distr.: USSR: ?FE; Asia: Japan; Afrotropical and Oriental Regions.
- obliquus** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 70 (*Eudorylas*). Type-locality: "Kent (Deal)" (Great Britain).—Distr.: Europe: GB.
- obtusicornis** (DUDA, 1940): Folia zool. hydrobiol., **10**(1): 219 (*Dorylas*). Type-locality: "bei Habelschwerdt (Grafschaft Glatz)" [= Bystrzyca Kłodzka] (Poland).—Distr.: Europe: PL.
- obscurus** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 74 (*Eudorylas*). Type-locality: "Surrey (Warlingham)" (Great Britain).—Distr.: Europe: GB.
- opacus** (FALLÉN, 1816): Syrphici Sveciae: 15 (*Cephalops*). Type-locality: "Ostrogothia" (Sweden).—Distr.: Europe: S, SF.
- orientalis** (KOIZUMI, 1959): Scient. Rep. Fac. Agric. Okayama Univ., **13**: 43 (*Dorilas*). Type-locality: "Okayama City, Japan".—Distr.: Asia: Japan.

- pannonicus** (BECKER, 1898): Berl. ent. Z., 42(1897): 51 (*Pipunculus*). Type-locality: "Herkulesbad" [= Băile Herculane] (Roumania).—Distr.: Europe: F, YU, H.
- rectinervis** (COLLIN, 1941): Proc. R. ent. Soc. Lond. (B), 10(11): 221 (*Pipunculus*). Type-localities: "Tigrovaja, Sutshan District", "Jakovlevka, Spassk District" (USSR, Partizanskoje and Spassk distr., Primorski reg.).—Distr.: USSR: FE.
- restrictus** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, 10 2(c): 70 (*Eudorylas*). Type-locality: "Hereford (Cowburrrough Park)" (Great Britain).—Distr.: Europe: GB.
- roseri** (BECKER, 1898): Berl. ent. Z., 42(1897): 45 (*Pipunculus*). Type-locality: not given (?Stuttgart).—Distr.: Europe: ?SF, D.
- ruralis** (MEIGEN, 1824): Syst. Besch., 4: 22 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].—Distr.: Europe: GB, D, DDR, PL.
- arimosus** (BECKER, 1900): Berl. ent. Z., 45: 221 (*Pipunculus*). Type-locality: "Dresden" [DDR].
- sericeus** (BECKER, 1898): Berl. ent. Z., 42(1897): 100 (Anmerkung) (*Pipunculus*, new name for *P. holosericeus* BECKER, 1898, a junior primary homonym of *Pipunculus holosericeus* MEIGEN, 1824).—Distr.: Europe: DK, PL, I, R; Oriental Region.
- holosericeus** (BECKER, 1898): Berl. ent. Z., 42(1897): 55 (*Pipunculus*). Type-localities: "Mori" (Italy), "Siebenbürgen" (Roumania).
- clavatus** (BECKER, 1898): Berl. ent. Z., 42(1897): 56 (*Pipunculus*). Type-locality: "Mori" (Italy).
- setosus** (BECKER, 1908): Mitt. zool. Mus. Berl., 4: 91 (*Pipunculus*). Type-localities: "Teneriffe, La Palma und Gran Canaria".—Distr.: Canary Is.
- straeleni** (JANSSENS, 1955): Bull. Inst. r. Sci. nat. Belg., 31, N° 76: 3 (*Pipunculus*). Type-locality: "du versant occidental du Pelion: Drakia (Khani Zisi)" (Greece).—Distr.: Europe: GR.
- straminipes** (BECKER, 1900): Berl. ent. Z., 45: 225 (*Pipunculus*). Type-locality: "Sondrio, Ober-Italien" (Italy).—Distr.: Europe: I.
- subfascipes** COLLIN, 1956: Opusc. ent., 21(2-3): 166 (*Eudorylas*). Type-locality: not given (Great Britain).—Distr.: Europe: GB, PL.
- subterminalis** COLLIN, 1956: Opusc. ent., 21(2-3): 166 (*Eudorylas*). Type-localities: "Sk. Ystad", "Sk. Vånga—Nytorp".—Distr.: Europe: S, GB.
- sulcatus** (BECKER, 1898): Berl. ent. Z., 42(1897): 57 (*Pipunculus*). Type-locality: "Fort Opus an der Narentamündung in Dalmatien" (Yugoslavia).—Distr.: Europe: S, DK, YU.
- terminalis** (THOMSON, 1869): Opusc. ent., 2: 115 (*Pipunculus*). Type-locality: "Funnen, Scåne" (Sweden).—Distr.: Europe: from S and SF to GB, F, I and YU; USSR: NET, CET.
- trapezoides** (BECKER, 1900): Berl. ent. Z., 45: 223 (*Pipunculus*). Type-locality: "Borgo-Prud, Ungarn" [= Prundul-Birgăului] (Roumania).—Distr.: Europe: R.

- trigonus** (BECKER, 1921): Wien. ent. Ztg, **38**: 130 (*Pipunculus*). Type-locality: "Insel Korfu" (Greece).—Distr.: Europe: GR.
- triplex** (BECKER, 1921): Wien. ent. Ztg, **38**: 129 (*Pipunculus*). Type-locality: "Insel Capri" (Italy).—Distr.: Europe: I.
- trochanteratus** (BECKER, 1900): Berl. ent. Z., **45**: 221 (*Pipunculus*). Type-localities: "Assiut, Luxor, Ob. Aegypten" (Egypt).—Distr.: Europe: ?SF; North Africa: Egypt.
- unicolor** (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 954 (*Pipunculus*). Type-locality: "Gottlandia", "ad Gothem" (Sweden).—Distr.: Europe: S, ?SF, GB, PL.
- zermattensis** (BECKER, 1898): Berl. ent. Z., **42**(1897): 77 (*Pipunculus*). Type-locality: "Zermatt" (Switzerland).—Distr.: Europe: S, DK, GB, F, CH.
- zonatus** (ZETTERSTEDT, 1849): Dipt. Scand., **8**: 3206 (*Pipunculus*). Type-localities: "Glogavia", "Gryphiam" (Sweden).—Distr.: Europe: S, SF, GB, DK, PL, E, I, BG; USSR: NET, CET.
- distinctus* (BECKER, 1921): Wien. ent. Ztg, **38**: 128 (*Pipunculus*). Type-locality: "S. Ural, Slatoust" (USSR).
- zonellus** COLLIN, 1956: Opusc. ent., **21**(2-3): 169 (*Eudorylas*). Type-locality: "Scania, Lindholmen".—Distr.: S, GB, PL, YU.

Dorylomorpha ACZÉL, 1939

- ACZÉL, 1939: Zool. Anz., **125**(1/2): 22 (as subgenus of *Tomosvaryella* ACZÉL, 1939).
Type-species: *Pipunculus rufipes* MEIGEN, 1824: Syst. Besch., **4**: 21 (mon.).
- albitarsis** (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 958 (*Pipunculus*). Type-locality: "Suecia boreali", "in Medelpadia ad diversorium Kjällsta" (Sweden).—Distr.: Europe: S, SF, CS; USSR: SET.
- anderssoni** ALBRECHT, 1979: Ent. Scand., **10**: 217 (*Dorylomorpha*). Type-localities: "Sweden, Bohuslän, Havstensund".—Distr.: Europe: S, GB.
- beckeri** (ACZÉL, 1939): Zool. Anz., **125**(3/4): 58 (*Tomosvaryella* (*Dorylomorpha*), as subsp. of *Dorylomorpha incognita* (VERRALL, 1901)). Type-locality: "Peszér" (Hungary).—Distr.: Europe: S, SF, GB, H.
- borealis** (WAHLGREN, 1910): Ent. Tidskr., **31**: 33 (*Pipunculus*). Type-localities: "Lapponia inferior", "Lapponia intermedia", "Stockholm" (Sweden).—Distr.: Europe: S, SF, CS.
- canadensis** HARDY, 1943: Kans. Univ. Sci. Bull., **29**: 133 (*Dorylomorpha*). Type-locality: "Cypress Hills, Sask." (USA).—Distr.: Europe: SF; Nearctic Region.
- clavata** ALBRECHT, 1979: Ent. Scand., **10**: 212 (*Dorylomorpha*). Type-locality: "Finland, Savonia borealis, Nilsia".—Distr.: Europe: SF.
- clavifemora** COE, 1966: Pipunculidae, Handbk. Ident. Br. Insects, **10** 2(c): 46 (*Dorylomorpha*). Type-locality: "Cambridge (Chippenham Fen)" (Great Britain).—Distr.: Europe: GB, PL, CS.

- confusa** (VERRALL, 1901): British flies, **8**: 114 (*Pipunculus*). Type-localities: "Chippenham Fen im Cambridgeshire, Ledbury in Herefordshire, Wyre Forest and Moseley in Worcestershire, Dovedale in Derbyshire, Rannod in Perthshire, and Muchalls near Aberdeen" (Great Britain).—Distr.: Europe: S, SF and from GB to CS.
- extricata** (COLLIN, 1937): Entomologist's mon. Mag., **73**: 218 (*Pipunculus*). Type-localities: "Dingwall (Ross)", "Aviemore (Inverness)", "Shotton Wood (Durham)", "Low Fell (Durham)", "Woodditton Wood (Cambs)", "Oxford" (Great Britain).—Distr.: Europe: S, GB, PL, CS, H.
- insignis* (ACZÉL, 1939): Zool. Anz., **125**(3/4): 64 (*Tomosvaryella* (*Dorylomorpha*), as subsp. of *Tomosvaryella rufipes* (MEIGEN, 1824)). Type-locality: "Szalunca" (Czechoslovakia).
- fennica** ALBRECHT, 1979: Notul. ent., **59**: 15 (*Dorylomorpha*). Type-locality: "Finland N: Hangö, Täktom".—Distr.: Europe: SF, CS.
- hackmani** ALBRECHT, 1979: Ent. Scand., **10**: 212 (*Dorylomorpha*). Type-locality: "Finland, Regio Åboensis, Finby, Förby".—Distr.: Europe: SF.
- haemorrhoidalis** (ZETTERSTEDT, 1838): Insecta Lapp.: 580 (*Pipunculus*). Type-localities: "Lapponia Umensi", "Brattiksfjell", "Lycksele" "(Lapponia meridionalis)" (Sweden).—Distr.: Europe: N, S, SF and from GB to PL; USSR: NET, CET.
- hungarica** (ACZÉL, 1939): Zool. Anz., **125**(1/2): 22 (*Tomosvaryella* (*Dorylomorpha*)). Type-locality: not given "(Keszthely)" (Hungary) lectotype des. by ACZÉL, 1939: Zool. Anz., **125**(3/4): 55).—Distr.: Europe: GB, DDR, PL, CS, A, H.
- imparata** (COLLIN, 1937): Entomologist's mon. Mag., **73**: 216 (*Pipunculus*). Type-localities: "Herefordshire", "Wormley Park (Oxfordshire on borders of Bucks)", "Woodditton Wood (Cambs) an Chippenham Fen", "Warboys Wood (Hants)", "Henley—on—Thames (Oxon.)" (Great Britain).—Distr.: Europe: S, SF, GB, CS; USSR: FE.
- incognita** (VERRALL, 1901): British flies, **8**: 113 (*Pipunculus*). Type-locality: not given ("Britain").—Distr.: Europe: S, GB, CS, A, H, YU, BG.
- infirmata** (COLLIN, 1937): Entomologist's mon. Mag., **73**: 214 (*Pipunculus*). Type-localities: "Shotton Bog (Durham)", "Wicken Fen (Cambs)", "Bayswater, near Oxford", "Barton Mills (Suffolk)" (Great Britain) (Shotton Bog, lectotype des. by ALBRECHT, 1979: Ent. Scand., **10**: 212).—Distr.: Europe: S, SF, IRE, GB, PL, CS, F.
- karelica** ALBRECHT, 1979: Ent. Scand., **10**: 214 (*Dorylomorpha*). Type-locality: "Karelian SSR, Isthmus karelicus, Kivennapa".—Distr.: USSR: NET.
- maculata** (WALKER, 1834): Ent. Mag., **2**(3): 264 (*Pipunculus*). Type-locality: "near London" (Great Britain).—Distr.: Europe: from GB and SF to F and H; USSR: NET.
- fulvipes* (MACQUART, 1834): Mém. Soc. Sci. Agric. Lille, **1833**: 355 (*Pipunculus*). Type-locality: "Lille" (France).

- lateralis* (MACQUART, 1834): Mém. Soc. Sci. Agric. Lille, 1833: 355 (*Pipunculus*). Type-locality: "Lille" (France).
- nitidifrons* (BECKER, 1900): Berl. ent. Z., 45: 241 (*Pipunculus*). Type-localities: "Kairo und Assiut" (Egypt).—Distr.: North Africa: Egypt.
- occidens* (HARDY, 1939): J. Kans. ent. Soc., 12(1): 17 (*Pipunculus*, as var. of *atramontensis* BANKS). Type-locality: "Potlatch, Idaho" (USA).—Distr.: Europe: SF; Nearctic Region.
- platystilis* ALBRECHT, 1979: Ent. Scand., 10: 215 (*Dorylomorpha*). Type-locality: "Finland, Regio Åboensis, Sammatti".—Distr.: Europe: S, SF, CS.
- praetermissa* ALBRECHT, 1979: Ent. Scand., 10: 215 (*Dorylomorpha*). Type-locality: "Finland, Nylandia, Kyrkslätt, Ingvalsby".—Distr.: Europe: S, SF, H, DDR.
- rufipes* (MEIGEN, 1824): Syst. Besch., 4: 21 (*Pipunculus*). Type-locality: not given ("coll. Baumhauer").—Distr.: Europe: from GB, S and SF to ?I, A, H; USSR: NET, FE.
- rufipes aczeli* HARDY, 1947: J. Kans. ent. Soc., 20(4): 147 (*Dorylomorpha*, new name for *Tomosvaryella rufipes minima* ACZÉL, 1939, in *Dorylomorpha* a junior secondary homonym of *Pipunculus minimus* BECKER, 1898).—Distr.: Europe: H; USSR: FE.
- minima* (ACZÉL, 1939): Zool. Anz., 125(3/4): 65 (*Tomosvaryella*, as subsp. of *Tomosvaryella (Dorylomorpha) rufipes*). Type-locality: "Ugod" (Hungary).
- rufipes intermedia* (ACZÉL, 1939): Zool. Anz., 125(3/4): 65 (*Tomosvaryella (Dorylomorpha)*). Type-locality: "Rekawinkel" (Austria).—Distr.: Europe: A, H.
- rufipes xanthoceroides* (ACZÉL, 1939): Zool. Anz., 125(3/4): 66 (*Tomosvaryella (Dorylomorpha)*). Type-localities: "Ugod" (Hungary), "Mehadia" (Roumania).—Distr.: Europe: SF, H, R.
- spinosa* ALBRECHT, 1979: Ent. Scand., 10: 211 (*Dorylomorpha*). Type-localities: "Finland, Savonia borealis, Maaninka, Tuovilanlahti".—Distr.: Europe: SF.
- strandi* (DUDA, 1940): Folia zool. hydrobiol., 10(1): 216 (*Dorylas*). Type-locality: "Ludwigstal im Altwatergebirge" [= Hrubý Jeseník] (Czechoslovakia).—Distr.: Europe: CS.
- xanthocera* (KOWARZ, 1887): Wien. ent. Ztg., 6: 153. Type-locality: "A M" [Asch = Aš, Marienbad, = Mariánské Lázně] (Czechoslovakia).—Distr.: Europe: S, DK, D, PL, I, A, CS; USSR: NET, CET.
- xanthopus* (THOMSON, 1869): Opusc. ent., 2: 111 (*Pipunculus*). Type-locality: "Funnen, Skåne" (Sweden).—Distr.: Europe: from GB, S and SF to F and H; USSR: NET, CET.
- semimaculata* (BECKER, 1898): Berl. ent. Z., 42(1897): 91 (*Pipunculus*). Type-locality: "Kohlfurter Moor in Schlesien" [= Węgliniec] (Poland).

Tomosvaryella ACZÉL, 1939

ACZÉL, 1939: Zool. Anz., **125**(1/2): 22 (as "*Tömösváryella*").

Type-species: *Pipunculus sylvaticus* MEIGEN, 1824: Syst. Besch., **4**: 20 (orig. des.) [Bull. zool. nom., 1961, **18**(4): 230 (Opinion 597): Name N° 1414 on Official List of Generic Names in Zoology].

Alloneura RONDANI, 1856: Dipt. Ital. Prodromus, **1**: 140. Type-species: *Pipunculus flavipes* MEIGEN, 1824. Suppressed by I.C.Z.N., Bull. zool. nom., 1961, **18**(4): 230, Opinion 597.

argentea (SACK, 1935): 32. Dorylaidae, Fliegen pal. Reg., **5**: 16 (*Dorylas*). Type-locality: "Ashkhabad" (USSR).—Distr.: USSR: SMA (Tu).

cilifemorata (BECKER, 1907): Z. syst. Hymenopt. Dipterol., **7**: 254 (*Pipunculus*). Type-locality: "Tunis".—Distr.: Europe: E, H; North Africa: Tunisia, Egypt.

argyrostictus (STROBL, 1909): Verh. zool.-bot. Ges. Wien, **59**: 210 (*Pipunculus*). Type-locality: "Monistrol" (Spain).

cilitarsis (STROBL, 1910): Mitt. naturw. Ver. Steierm., **46**: 113 (*Pipunculus*). Type-locality: "Steiermark" (Austria).—Distr.: Europe: S, SF, GB, A; USSR: NET.

forsiusi (FREY, 1932): Notul. ent., **12**(4): 83 (*Pipunculus*). Type-localities: "Finland: Kl. Salmis", "Nurmis", "Ob. Turtola", "Ok. Kianto", "Lkem. Muonio", "Russisch-Karelien: Maaselkä", "Kola-Halbinsel: Kola" (Finland, USSR).

coquilletti (KERTÉSZ, 1907): Annls hist.-nat. Mus. natn. hung., **5**: 582 (*Pipunculus*). Type-locality: "Nordamerica, Adirondack Mountains, Long Lake, N. Y." (USA).—Distr.: Europe: D, CS, H, R, YU, BG; USSR: SET (Uk); Asia: Japan; Oriental and Nearctic Regions.

disjuncta (BECKER, 1900): Berl. ent. Z., **45**: 239 (*Pipunculus*). Type-locality: "Assuan" (Egypt).—Distr.: North Africa: Egypt.

frontata (BECKER, 1898): Berl. ent. Z., **42**(1897): 87 (*Pipunculus*). Type-locality: "Sinaja (Transsylvanische Alpen)" (Roumania).—Distr.: Europe: R; North Africa: Tunisia, Egypt.

geniculata (MEIGEN, 1824): Syst. Besch., **4**: 20 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].—Distr.: Europe: from GB, S and ?SF to E, F, I and YU; USSR: NET, CET.

nigritula (ZETTERSTEDT, 1844): Dipt. Scand., **3**: 957 (*Pipunculus*). Type-localities: "in pratis Sueciae", "in Scania ad Silfåkra", "in Ostrogothia ad Wadstena" (Sweden).

griseifrons (STROBL, 1899): Wien. ent. Z., **18**: 147 (*Pipunculus*). Type-locality: "Stadtberg von Cette in Südfrankreich" (France).

griseipennis: VERRALL, 1900: Catalogue of the Pipunculidae: 11 (*Pipunculus*); error.

- hirticollis** (BECKER, 1910): Dt. ent. Z., 1910: 657 (*Pipunculus*). Type-localities: "Bastia und Cavaliere" (Corsica, France).—Distr.: Europe: F, I.
zernyi (COLLIN, 1938): Proc. R. ent. Soc. Lond. (B), 7(4): 84 (*Pipunculus*). Type-locality: "Sicily (Isola d. Femine)" (Italy).
- immutata** (BECKER, 1913): Annu. Mus. zool. Acad. Sci. St.-Petersb., 17(1912): 608 (*Dorylas*). Type-locality: "Pers.-Beludshistan, Kirman, zwischen Ku-i-Murgak und Dech-i-Pabid" (Iran).—Distr.: Asia: Iran.
- inazumae** (KOIZUMI, 1960): Scient. Rep. Fac. Agric. Okayama Univ., 16: 34 (*Alloneura*). Type-locality: "Okayama City, Japan".—Distr.: Asia: Japan.
- itoi** (KOIZUMI, 1960): Scient. Rep. Fac. Agric. Okayama Univ., 16: 36 (*Alloneura*). Type-locality: "Okayama City, Japan".—Distr.: Asia: Japan; Oriental Region.
- kuthyi** (ACZÉL, 1944): Anns hist.-nat. Mus. natn. hung., 37: 97 (*Alloneura*). Type-localities: "Budapest", "Csór", "Gyón", "Kiskunhalas", "Nyíregyháza", "Őrszentmiklós", Pálmátér, "Recsk", "Szeged" (Hungary), "Pelsőc" (Czechoslovakia), "Novi", "Zengg" (Yugoslavia), "Csikszépvíz", "Moldova", "Orsova" (Roumania), "Kreta, Cania" (Greece), "Asia minor, Akaia" (Turkey).—Distr.: Europe: GB, E, I, CS, H, R, GR, YU; Asia: Turkey.
- littoralis** (BECKER, 1898): Berl. ent. Z., 42(1897): 86 (*Pipunculus*). Type-localities: "Nordsee-Inseln Sylt und Amrum" [D].—Distr.: Europe: GB, DK, D, PL, F; USSR: CET; Canary Is.
- lyneborgi** (COE, 1969): Ent. Meddr, 37: 4 (*Alloneura*). Type-locality: "Almeria: Tabernas 8 km N" (Spain).—Distr.: Europe: E.
- minima** (BECKER, 1898): Berl. ent. Z., 42(1897): 85 (*Pipunculus*). Type-locality: "wahrscheinlich aus Posen" [= Poznań] (Poland).—Distr.: Europe: GB, PL, E, AL, H, R; USSR: CET, SET; Asia: Turkey; North Africa: Tunisia.
- minuscula** (COLLIN, 1956): Opusc. ent., 21(2-3): 159 (*Alloneura*). Type-locality: "Nr. Örebro, Markkärret" (Sweden).—Distr.: Europe: S.
- mutata** (BECKER, 1898): Berl. ent. Z., 42(1897): 85 (*Pipunculus*). Type-locality: "Ober-Aeg" (Egypt).—Distr.: Europe: E, H, R; North Africa: Egypt.
- nigronitida** (COLLIN, 1958): Entomologist, 91: 96 (*Alloneura*). Type-locality: "Dalmatia at Korcula (east end)" (Yugoslavia).—Distr.: Europe: E, YU.
- olympicola** (JANSSENS, 1955): Bull. Inst. r. Sci. nat. Belg., 31(76): 4 (*Pipunculus*). Type-locality: "du versant oriental de l'Olympe: Litochoron" (Greece).—Distr.: Europe: GR.
- ornatipes** (BECKER, 1908): Mitt. zool. Mus. Berl., 4: 92 (*Pipunculus*). Type-locality: "Gran Canaria".—Distr.: Canary Is.
- oryzaetora** KOIZUMI, 1959: Scient. Rep. Fac. Agric. Okayama Univ., 13: 38 (*Tomosvaryella*). Type-locality: "Tsushima, Okayama City, Japan".—Distr.: Asia: Japan; Oriental Region.

- palliditarsis** (COLLIN, 1931): Dipt. Patag. S. Chile, **6**(2): 56 (*Pipunculus*, new name for *P. flavitarsis* COLLIN, 1920, a junior primary homonym of *Pipunculus flavitarsis* WILLISTON, 1892).—Distr.: Europe: GB, CS, E.
- flavitarsis* (COLLIN, 1920): Entomologist's mon. Mag., **56**: 275 (*Pipunculus*). Type-locality: "Chippenham Fen (Cambs)" (Great Britain).
- perpusilla** (COLLIN, 1941): Proc. R. ent. Soc. Lond. (B), **10**(11): 219 (*Pipunculus*). Type-locality: "Staraja Devitza, Lac Chanka" (Primorski reg., USSR).—Distr.: USSR: FE.
- propinqua** (BECKER, 1913): Annu. Mus. zool. Acad. Sci. St.-Petersb., **17**(1912): 607 (*Dorylas*). Type-localities: "Chorassan, vom westlichen Teil Sseistans" "und aus Pers.-Beludshistan" (Iran).—Distr.: Asia: Iran.
- rondanii** (COLLIN, 1945): Entomologist's mon. Mag., **81**: 3 (*Alloneura*). Type-locality: not given ("Europ.").—Distr.: Europe: I.
- subvirescens** (LOEW, 1872): Berl. ent. Z., **16**: 87 (*Pipunculus*). Type-locality: "Texas" (USA).—Distr.: North Africa: Egypt; Afrotropical, Nearctic and Neotropical Regions.
- pilosiventris* (BECKER, 1900): Berl. ent. Z., **45**: 236 (*Pipunculus*). Type-localities: "Kairo, Assiut und in der Oase Fayum" (Egypt).
- sylvatica** (MEIGEN, 1824): Syst. Besch., **4**: 20 (*Pipunculus*). Type-locality: not given (?Stolberg) [D].—Distr.: Europe: from GB, S, SF to E, F, I, YU; USSR: NET, CET, SET, FE; North Africa: Tunisia; Canary Is.; Oriental and Nearctic Regions.
- vicina** (BECKER, 1900): Berl. ent. Z., **45**: 238 (*Pipunculus*). Type-localities: "Assiut und Luxor" (Egypt).—Distr.: North Africa: Egypt; Afrotropical Region.

Family Conopidae

By M. CHVALA and K. G. V. SMITH*

Small to medium-sized species (2.5–20 mm), often of bright black and yellow or reddish coloration, generally resembling their common hosts, wasps or bees. The species may be recognized by the large head with dichoptic eyes in both sexes, generally long and often geniculate proboscis and the characteristic wing venation: veins *Sc*, *R*₁ and *R*₂₊₃ closely aligned to costa, cell *R*₅ closed and petiolate or very narrowed apically (vein *M* joining *R*₄₊₅, or closely approaching it), a spurious vein (vena spuria) usually distinct, 2nd basal cell (basal medial) much shorter than 1st basal cell (basal radial), discal cell elongate, and anal cell (cell *Cu*) often very long (except in Dalmanniinae). Antennae usually long, with 2nd segment generally longer than first segment, 3rd segment with short terminal style (Conopininae) or dorsal arista. Ocelli absent in Conopininae, present in other subfamilies. Abdomen cylindrical or constricted at base, with 6 or 5 visible unmodified segments in male; 5th segment in females often very

* The authors are very grateful to DR. ROD MACFARLANE of New Zealand, who has studied the Japanese species and who generously offered the very recent results of his studies for inclusion in the present Catalogue.