

Superfamily OESTROIDEA

109. Family CALLIPHORIDAE

By Hiromu Kurahashi

Species of the family Calliphoridae, the so-called blow flies, are usually large, metallic blue-green, and covered more or less with dusting, although a number of Australasian/Oceanian species are small to medium-sized and non-metallic, sometimes testaceous yellow in part or entirely. Adults and larvae have broad habits in eubiocenoses, agrobiocenoses, and anthropobiocenoses, and occur in great numbers in almost every kind of natural habitat including human dwellings. Adults frequent vegetation, flowers, excrement, or decaying animal and plant matter. Some often enter buildings such as houses, shops, markets, and hospitals. Blow flies are of considerable importance in transmission of human diseases because of their breeding and feeding habits. Most of the Australasian/Oceanian blow fly species are larviparous (e.g., *Ameniinae*, *Phumosiini*, *Onesia*, *Melinda*, *Polleniopsis*, *Tainanina*, *Dyscritomyia*, and some subgenera of *Calliphora*), although oviparity is the rule in many other species. Larvae are omnivorous, carnivorous, or parasitic. They are known to be either primary scavengers feeding in carrion, feces, dung, and garbage, or parasites on insects, earthworms, snails, mammals, or other animals. A few species (*Chrysomya rufifacies* and *Stomorhina discolor*) are known to become predaceous and attack other dipteran larvae that feed in the same medium. Larvae of *Bengalia* and most *Rhiniinae* seem to be primary predators of ants, wasps, and termites. Some species are of particular medical and veterinary importance. *Chrysomya bezziana*, the Old World screwworm fly, causes myiasis in man and domestic animals in New Guinea; *Lucilia cuprina*, *L. sericata*, and *Calliphora stygia* infest sheep in the arid environment of Australia and New Zealand.

Six subfamilies are recognized from the

regions covered here. The Calliphorinae are heterogenous. I follow Senior-White *et al.* (1940) and Zumpt (1956) in including the genera *Anthracomysia*, *Dexopollenia*, and *Pollenia* in this subfamily; they are given tribal status. A peculiar fly, *Mystacinobia*, endemic to New Zealand, was described in a distinct family, *Mystacinobiidae* (Holloway 1976). According to anatomical evidence (Griffiths 1982), it is likely that this fly belongs to the Calliphoridae despite the general appearance of a nycteribiid-like wingless form. It is treated here in the subfamily *Mystacinobiinae*.

Lucilia cuprina, *L. sericata*, *Calliphora vicina*, *C. vomitoria*, and *Rhinia apicalis* are found throughout a large part of the world. These widespread species were either accidentally introduced or migrated into Australasian/Oceanian areas from the Northern Hemisphere. On the other hand, there are many species quite narrowly restricted in their distribution in the Australasian/Oceanian Regions. *Dyscritomyia* is an endemic luciline group well differentiated in the Hawaiian Islands comprising 25 species. Other islands in the Pacific often include some endemic species among the common ones in the fauna. *Euphumosia*, which comprises nearly 33 species, is found nowhere else in the world. *Lucilia vittata* Macquart was originally described from "Nouvelle-Hollande" but in error, as this species is actually Neotropical (see Dear 1985).

Refs.: Malloch (1924*e*, NZ spp.; 1926*a,c*, 1927*e*, Australian spp.; 1927*g*, Sumatran spp.), Patton (1925*a*, types; 1926*a*, Calliphorinae), Hardy (1926*a*, Australian *Calliphora*; 1930*d*, Qld *Neopollenia*), Bezzi (1927*b*, S Pacific, Australian spp.), James (1962, Micronesian spp.), Crosskey (1965, rev. *Ameniinae*), Torgerson & James (1967, rev. *Euphumosia*), Kurahashi (1970-1980, 1984, rev. Australian Calliphorini; 1981, Fijian spp.; 1982, Vanuatuan spp.; 1986, 1987*b*, PNG spp.), Dear (1977, Australian *Rhiniinae*; 1986, rev. NZ spp.).

Subfamily CALLIPHORINAE

Tribe CALLIPHORINI

Genus ALDRICHINA Townsend

ALDRICHIELLA Rohdendorf, 1931: 177. Type species: *Calliphora grahami* Aldrich, 1930, mon. [Preocc. Vaughan, 1903.]

ALDRICHINA Townsend, 1934a: 111 (n. n. for *Aldrichiella*).
grahami Aldrich, 1930a: 1 (*Calliphora*). China; Hawaiian Is; Mexico, W USA, E Asia.

Genus APHYSSURA Hardy

APHYSSURA Hardy, 1940a: 139. Type species: *Melinda minuta* Malloch, 1928 [= *Musca dubia* Walker, 1853], mon.

dubia Walker, 1853: 344 (*Musca*). Australia (SA). **N. comb.**
minuta Malloch, 1928f: 328 (*Melinda*). Australia (NSW); Australia (WA). **N. syn.**

Genus CALLIPHORA Robineau-Desvoidy

CALLIPHORA Blainville, 1826: 11. *Nomen nudum*.

CALLIPHORA Robineau-Desvoidy, 1830: 433. Type species: *Musca vomitoria* Linnaeus, 1758, orig. des.

MYA Rondani, 1850b: 175. Type species: *Musca vomitoria* Linnaeus, 1758, orig. des. [Preocc. Linnaeus, 1758.]

SOMOMYA Rondani, 1861b: 9 (n. n. for *Mya*).

Subgenus AUSTRALOCALLIPHORA Kurahashi

AUSTRALOCALLIPHORA Kurahashi, 1971: 195. Type species: *Calliphora onesioidea* Kurahashi, 1971, orig. des.

canimicans Hardy, 1930d: 447. Australia (Qld); Australia (Vic).

ssp. *bezzii* Hardy, 1932e: 551. Australia (Vic).

ssp. *canimicans* s. str. Australia (Qld).

fuscofemorata Malloch, 1927e: 309. Australia (Qld).

lordhowensis Kurahashi, 1987a: 95 (n. n. for *pseudovomitoria* Kurahashi). Lord Howe I.

pseudovomitoria Kurahashi, 1971: 165. Lord Howe I. [Preocc. Baranov, 1943.]

onesioidea Kurahashi, 1971: 200. Australia (Tas).

sternalis Malloch, 1932a: 65. Australia (NSW); Australia (Qld, Vic).

ssp. *deflexa* Hardy, 1932e: 552. Australia (Qld).

ssp. *sternalis* s. str. Australia (NSW); Australia (Vic).

tasmaniae Kurahashi, 1971: 199. Australia (Tas).

Subgenus CALLIPHORA Robineau-Desvoidy

CALLIPHORA Robineau-Desvoidy, 1830: 433 (as gen.). Type species: *Musca vomitoria* Linnaeus, 1758, orig. des.

vicina Robineau-Desvoidy, 1830: 435. USA; widesp. Australia, Hawaiian Is, NZ (NZ); cosmopol.

erythrocephala Meigen, 1826: 62. Not given [Germany]. [Preocc. De Geer, 1776.]

vomitoria Linnaeus, 1758: 595 (*Musca*). Sweden; Hawaiian Is; cosmopol.

camaria, authors, not Scopoli, 1763, misid.

Subgenus NEOCALLIPHORA Brauer & Bergenstamm

- NEOCALLIPHORA** Brauer & Bergenstamm, 1891: 391 (as gen.). Type species: *Calliphora ochracea* Schiner, 1868, des. Townsend, 1916c: 8.
- TRICHOCALLIPHORA** Townsend, 1915b: 20. Type species: *Calliphora villosa* Robineau-Desvoidy, 1830 [= *Musca stygia* Fabricius, 1782], orig. des.
- ADICHOSIA** Surcouf, 1920: 85. Type species: *Ochromyia hyalipennis* Macquart, 1851 [preocc., = *Calliphora nigrithorax* Malloch, 1927], orig. des.
- AMPHIBOLOSIA** Surcouf, 1920: 109. Type species: *Ochromyia flavipennis* Macquart, 1851, orig. des.
- ADICHOSIOPS** Townsend, 1932: 441. Type species: *Musca quadrimaculata* Swederus, 1787, orig. des.
- NEOPOLLENIA** Brauer, 1899: 496. Type species: *Musca stygia* Fabricius, 1782, orig. des.
- albifrontalis** Malloch, 1932a: 67. Australia (WA).
australis Boisduval, 1835: 669 (*Musca*). Australia (WA). [Preocc. Gmelin, 1790.]
maryfullerae Hardy, 1947: 56 (as *maryfulleri*; n. n. for *australis* Boisduval).
- nigrithorax** Malloch, 1927e: 307 (*Ochracea*). Australia (Tas).
hyalipennis Macquart, 1851: 218(245) (*Ochromyia*). Australia (Tas). [Preocc. Macquart, 1835.]
- nothocalliphoralis** Miller, 1939: 49. NZ (NZ).
- ochracea** Schiner, 1868: 307. Australia (NSW); Australia (Qld).
flavipennis Macquart, 1851: 218(245) (*Ochromyia*). Australia (Tas). [Preocc. Macquart, 1843.]
- quadrimaculata** Swederus, 1787: 289 (*Musca*). NZ (NZ); NZ (Auckland Is, Campbell I).
sacra Fabricius, 1805: 291 (*Musca*). "Cap. bon. Spei," error [= NZ (NZ)].
dasyphthalma Le Guillou, 1842: 315. NZ (Auckland Is).
dasyphthalma Macquart, 1843: 287(130). NZ (Auckland Is). [Preocc. Le Guillou, 1842.]
violacea Walker, 1853: 335 (*Musca*). NZ (NZ). [Preocc. Scopoli, 1763.]
cockaynei Hutton, 1904d: 155. NZ (NZ).
dasyphthalma, error for *dasyphthalma*.
fulvimaculata, error for *quadrimaculata*.
- stygia** Fabricius, 1782: 438 (*Musca*). "Insula Terra nova Americae," error [= NZ (NZ); see Osten Sacken, 1882a: 20]; Australia (NSW, Qld, SA, Tas, Vic), NZ (Antipodes Is, Kermadec Is), Norfolk I.
villosa Robineau-Desvoidy, 1830: 437. Australia (NSW).
rufipes Macquart, 1835: 271 (*Pollenia*). Australia (Vic).
laemica White in White & Doubleday, 1843: 291 [1845: 263] (*Musca*). NZ (NZ).
laemica Walker, 1849: 906 (*Musca*). NZ (NZ). [Preocc. White, 1843.]

Subgenus OCEANOCALLIPHORA Kurahashi

- OCEANOCALLIPHORA** Kurahashi, 1972a: 435. Type species: *Calliphora bryani* Kurahashi, 1972, mon.
- bryani** Kurahashi, 1972a: 435. Kiribati (Phoenix Is).

Subgenus PAPUOCALLIPHORA Kurahashi

- PAPUOCALLIPHORA** Kurahashi, 1971: 167. Type species: *Calliphora toxopeusi* Theowald, 1957, orig. des.
- toxopeusi** Theowald, 1957: 158. Indonesia (Irian Jaya); PNG (Bougainville I, PNG).

Subgenus PARACALLIPHORA Townsend

- PARACALLIPHORA** Townsend, 1916d: 151 (as gen.). Type species: *Calliphora oceaniae* Robineau-Desvoidy, 1830 [= *Musca augur* Fabricius, 1775], orig. des.
- PROEKON** Surcouf, 1920: 112. Type species: *Ochromyia lateralis* Macquart, 1843 [= *Musca augur* Fabricius, 1775], orig. des.
- aruspex** Bezzi, 1927b: 244. Vanuatu.

- augur** Fabricius, 1775: 777 (*Musca*). “nova Hollandia” [= Australia (Qld); see Musgrave, 1932: 54]; Australia (NSW, Tas, Vic); ?Brazil, Indonesia (Timor).
oecaniae Robineau-Desvoidy, 1830: 438. Brazil & Indonesia (Timor) & “Nouvelle Hollande.”
lateralis Macquart, 1843: 291(134) (*Ochromyia*). Australia (NSW).
rufiventris Macquart, 1847a: 82 [1847b: 98]. Australia (Tas).
nigricornis Macquart, 1851: 218(245) (*Ochromyia*). Australia, “côte orientale.”
dorsalis Walker, 1849: 907 (*Musca*). “New Holland.” [Preocc. Fabricius, 1775.]
oecania, error for *oecaniae*.
- centralis** Malloch, 1927e: 311. Australia (Qld).
- dichromata** Bigot, 1888a: 612 (*Phumosia*). New Caledonia (New Caledonia).
- dubia** Macquart, 1855: 129(109) (*Rhynchomyia*). Australia (SA); Australia (NSW, Vic). **N. comb.**
placida Walker, 1853: 343 (*Musca*). Australia (SA). [Preocc. Müller, 1764.] **N. syn.**
nociva Hardy, 1932e: 556. Australia (SA). **N. syn.**
- espiritusanta** Kurahashi, 1971: 180. Vanuatu.
- fulvicoxa** Hardy, 1930d: 445. Australia (Qld).
- gressitti** Kurahashi, 1971: 183. Australia (Qld).
- hilli** Patton, 1925b: 400. Australia (Vic); Australia (NSW, Qld, SA, Tas), French Polynesia (Society Is), NZ (NZ).
 ssp. **fallax** Hardy, 1930d: 446. Australia (Qld); Australia (NSW).
 ssp. **hilli** s. str. Australia (Vic); Australia (SA).
 ssp. **kermadecensis** Kurahashi, 1971: 191. NZ (Kermadec Is).
 ssp. **milleri** Hardy, 1937: 22. NZ (NZ).
 ssp. **tahitiensis** Kurahashi, 1971: 192. French Polynesia (Society Is).
 ssp. *tasmanensis* Kurahashi, 1971: 188. Australia (Tas). [Preocc. Macquart, 1851; no n.n. proposed at this time.]
- kanoi** Kurahashi, 1986: 11. PNG (PNG).
- kermadeca** Kurahashi, 1971: 173. NZ (Kermadec Is).
- leucosticta** Bezzi, 1927b: 243. Western Samoa.
- macleayi** Malloch, 1927e: 310. Australia (Qld).
falciformis Hardy, 1932e: 558. Australia (Qld).
- mumfordi** Malloch, 1932k: 15. French Polynesia (Marquesas).
- norfolka** Kurahashi, 1971: 174. Norfolk I.
- papuensis** Kurahashi, 1971: 171. PNG (PNG); Indonesia (Irian Jaya).
- porphyrina** Kurahashi, 1971: 181. PNG (PNG).
- salivaga** Bezzi, 1927b: 242. Fiji.
salivage, error for *salivaga*.
- simulata** Malloch, 1932k: 16. French Polynesia (Marquesas); Tonga.
- varifrons** Malloch, 1932a: 66. Australia (WA).
- xanthura** Bigot, 1888a: 611 (*Phumosia*). New Caledonia (New Caledonia). **N. comb.**
neocaledonensis Kurahashi, 1971: 179 (*augur* ssp.). New Caledonia (New Caledonia). **N. syn.**
xanthurea, error for *xanthura*.

Unplaced species of *Calliphora* Robineau-Desvoidy

- prosternalis** Malloch, 1934e: 19 (*Calliphora*). Indonesia (Irian Jaya).
ruficornis Macquart, 1851: 227(254) (*Pollenia*). Australia (Tas). [Preocc. Macquart, 1834; no n. n. proposed at this time.] **N.comb.**
- tasmanensis** Macquart, 1851: 227(254) (*Pollenia*). Australia (Tas). **N. comb.**
tasmaniensis, error for *tasmanensis*.

Nomina nuda in *Calliphora* Robineau-Desvoidy

- cyanescens* Brauer & Bergenstamm, 1891: 420.
ispida Brauer & Bergenstamm, 1894: 85.

Genus EUCALLIPHORA Townsend

EUCALLIPHORA Townsend, 1908: 118. Type species: *Calliphora latifrons* Hough, 1899, mon. **latifrons** Hough, 1899b: 286 (*Calliphora*). USA & Mexico; Hawaiian Is; N. Am.

latifrons Hough, 1897: 1853 [1899a: 66]. *Nomen nudum*.

lilaea, authors, not Walker, 1849, misid.

Genus MELINDA Robineau-Desvoidy

MELANIA Blainville, 1826: 12. *Nomen nudum*.

MELINDA Robineau-Desvoidy, 1830: 439. Type species: *Musca caerulea* Meigen, 1826 [preocc., = *Musca cognata* Meigen, 1830], des. Hendel, 1901: 32.

GYMNADICHOSIA Villeneuve, 1927: 388. Type species: *Gymnadichosia pusilla* Villeneuve, 1927, orig. des.

PAUROTHRIX Bezzi, 1927b: 239. Type species: *Paurothrix xiphophora* Bezzi, 1927, orig. des.

auriceps Malloch, 1930e: 236 (*Paurothrix*). "Samoa."

bisetosa Bezzi, 1927b: 239 (*Paurothrix*). Western Samoa.

elegans Kurahashi, 1970: 532. Fiji.

flavipennis Kurahashi, 1986: 17. PNG (Bismarck Arch).

pusilla Villeneuve, 1927: 388 (*Gymnadichosia*). Taiwan; Hawaiian Is; Burma, S China, Japan.

ruficornis Kurahashi, 1986: 16. PNG (PNG).

xiphophora Bezzi, 1927b: 239 (*Paurothrix*). Western Samoa.

Genus ONESIA Robineau-Desvoidy

ONESIA Robineau-Desvoidy, 1830: 365. Type species: *Musca sepulcralis* Meigen, 1826, des. Hendel, 1901: 31.

accepta Malloch, 1927e: 316 (*Calliphora*). Australia (NSW).

apicalis Malloch, 1927e: 312 (*Calliphora*). Australia (NSW).

apouna Kurahashi, 1982: 237. Vanuatu.

assimilis Malloch, 1927e: 317 (*Calliphora*). Australia (Qld).

auriventris Malloch, 1927e: 315 (*Calliphora*). Australia (NSW).

australica Malloch, 1927e: 314 (*Calliphora*). Australia (NSW).

clarki Malloch, 1927e: 316 (*Calliphora*). Australia (WA).

clausa Macquart, 1848: 215(55) (*Calliphora*). "Nouvelle-Hollande"; Australia (Qld, Tas).

currani Kurahashi, **n. n.** New Caledonia (New Caledonia); PNG (Bismarck Arch).

minuta Curran, 1929b: 9 (*Melinda*). New Caledonia (New Caledonia). [Preocc. Malloch, 1928.]

dispar Macquart, 1846: 323(195) (*Calliphora*). "Nouvelle-Hollande"; Australia (NSW).

elliptica Macquart, 1847a: 83 [1847b: 99] (*Calliphora*). Australia (Tas).

fijiensis Kurahashi, 1981: 437. Fiji.

fumicosta Kurahashi, 1987b: 32. PNG (Bismarck Arch); Indonesia (Irian Jaya), PNG (PNG).

fuscata Kurahashi, 1984: 351. Indonesia (Irian Jaya); PNG (PNG), Solomon Is.

germana Robineau-Desvoidy – not Australasian/Oceanian.

giluwea Kurahashi, 1987b: 35. PNG (PNG).

gonideci Kurahashi & Fauran, 1980: 403. New Caledonia (New Caledonia).

gonidecoides Kurahashi, 1982: 239. Vanuatu.

higae Kurahashi, 1987b: 24. PNG (PNG).

ismayi Kurahashi, 1987b: 14. PNG (PNG).

kraussi Kurahashi, 1981: 436. Fiji.

melinda Curran, 1929b: 8 (*Calliphora*). New Caledonia (New Caledonia); Solomon Is.

metallica Malloch, 1927e: 317 (*Calliphora*). Australia (NSW).

minor Malloch, 1927e: 314 (*Calliphora*). Australia (Qld).

nakatae Kurahashi, 1987b: 19. PNG (PNG).

nigra Kurahashi, 1987b: 27. PNG (PNG); Indonesia (Irian Jaya).

- niuginii** Kurahashi, 1987b: 29. PNG (PNG); Indonesia (Irian Jaya).
noumea Curran, 1929b: 7 (*Calliphora*). New Caledonia (New Caledonia).
obscurata Walker, 1858b: 105 (*Musca*). Indonesia (Maluku); Indonesia (Irian Jaya). **N. comb.**
mesembrinoides Walker, 1861b: 244 (*Musca*). Indonesia (Irian Jaya). **N. syn.**
perida Hardy, 1937: 22 (*Calliphora*). Australia (Qld).
plebeia Malloch, 1927e: 315 (*Calliphora*). Australia (Qld); PNG (PNG).
pubescens Macquart, 1851: 215(242) (*Calliphora*). Australia, "côte orientale"; Australia (NSW, SA, Tas, Vic), Indonesia (Irian Jaya), New Caledonia (Loyalty Is, New Caledonia), PNG (Bismarck Arch, Bougainville I), Vanuatu.
testaceifacies Macquart, 1851: 214(241) (*Calliphora*). Australia (Tas).
rutilans Macquart, 1851: 214(241) (*Calliphora*). Indonesia (Irian Jaya).
pusilla Macquart, 1855: 130(110) (*Calliphora*). Australia (SA).
ruficornis Walker, 1858a: 215 (*Musca*). Australia (Tas). [Preocc. Fabricius, 1794.]
robusta Malloch, 1927e: 313 (*Calliphora*). Australia (NSW).
santamaria Kurahashi, 1982: 241. Vanuatu.
sedlaceki Kurahashi, 1987b: 9. PNG (PNG).
spatuliforceps Kurahashi, 1987b: 11. PNG (PNG).
steffani Kurahashi, 1987b: 16. PNG (PNG).
tariensis Kurahashi, 1987b: 22. PNG (PNG).
tessellata Macquart, 1843: 287(130) (*Calliphora*). Indonesia (Irian Jaya).
tibialis Macquart, 1846: 323(195) (*Calliphora*). "Tasmanie et de la Nouvelle-Hollande."
ruficornis Macquart, 1847a: 85 [1847b: 101] (*Pollenia*). Australia (Tas). [Preocc. Macquart, 1834.]
N. syn.
xanthocera Malloch, 1927e: 313 (*Calliphora*). Australia (NSW).

Genus POLLENIOPSIS Townsend

- POLLENIOPSIS** Townsend, 1917b: 201. Type species: *Polleniopsis pilosa* Townsend, 1917, orig. des.
fulviventris Kurahashi, 1972b: 716. Indonesia (Irian Jaya); PNG (PNG).
inconclusa Walker, 1860b: 160 (*Musca*). Indonesia (Maluku); Indonesia (Sulawesi).
jamesi Kurahashi, 1972b: 714. PNG (PNG).
patiens Walker, 1858b: 106 (*Musca*). Indonesia (Maluku). **N. comb.**
sarcophagoides Walker, 1861b: 244 (*Musca*). Indonesia (Irian Jaya). **N. comb.**
toxopei Senior-White, 1926: 135 (*Paratricyclea*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG), Solomon Is; "Borneo," Indonesia (Java, Sumatra), Malaysia (Pen).
carinata Malloch, 1927g: 53 (*Calliphora*). Indonesia (Sumatra).
aurescens Baranov, 1936: 103 (*Paratricyclea*). Solomon Is.

Genus PTILONESIA Bezzi

- PTILONESIA** Bezzi, 1927b: 242 (*Calliphora* subg.). Type species: *Pollenia auronotata* Macquart, 1855, orig. des.
auronotata Macquart, 1855: 135(115) (*Pollenia*). NZ (NZ); Australia (NSW), NZ (Auckland Is).
aureonotata, error for *auronotata*.

Genus TAINANINA Villeneuve

- TAINANINA** Villeneuve, 1926: 271. Type species: *Tainanina grisella* Villeneuve, 1926, mon.
javanica Kurahashi, 1978: 6. Indonesia (Java); Indonesia (Irian Jaya); Malaysia (Pen).
sarcophagoides Malloch, 1931b: 192 (*Calliphora*). Malaysia (Pen); Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG), Solomon Is; Oriental Reg.

Genus XENOCALLIPHORA Malloch

- XENOCALLIPHORA** Malloch, 1924e: 639. Type species: *Calliphora eudypiti* Hutton, 1902, orig. des.

- antipoda** Hutton, 1902a: 171 (*Calliphora*). NZ (Antipodes Is).
clara Dear, 1986: 50. NZ (NZ).
divaricata Dear, 1986: 51. NZ (NZ).
eudypiti Hutton, 1902a: 170 (*Calliphora*). NZ (NZ).
huttoni Miller, 1950: 115 (unnec. n. n. for *eudypiti* Hutton).
eudypitis, error for *eudypiti*.
flavipes Lamb, 1909: 134 (*Calliphora*). NZ (Auckland Is).
hortona Walker, 1849: 894 (*Musca*). NZ (NZ); NZ (Antipodes Is, Auckland Is, Campbell I, Chatham Is).
icela Walker, 1849: 897 (*Musca*). NZ (NZ).
rufipalpis Macquart, 1851: 216(243) (*Calliphora*). "Amerique," error [= NZ (NZ)]. [Preocc. Macquart, 1834.]
aureopunctata Macquart, 1855: 130(110) (*Calliphora*). "Nouvelle-Hollande et de la Nouvelle-Zelande."
americana Rondani, 1863: 29 [1864: 29] (*Somomya*; n. n. for *rufipalpis* Macquart).
neohortona Miller, 1939: 51 (*Calliphora*). NZ (NZ).
neozelandica Murray, 1954: 713 (*Calliphora*). NZ (NZ).
solitaria Dear, 1986: 55. NZ (NZ).
vetusta Dear, 1986: 56. NZ (NZ).
viridiventris Malloch, 1930k: 318. NZ (Campbell I).

Tribe PHUMOSIINI

Genus EUPHUMOSIA Malloch

- EUPHUMOSIA** Malloch, 1926a: 501. Type species: *Calliphora papua* Guérin-Méneville, 1831, orig. des.
abbreviata Paramonov, 1961f: 224. Indonesia (Irian Jaya); PNG (PNG).
albula Torgerson *in* Torgerson & James, 1967: 236. Indonesia (Irian Jaya).
annulata Torgerson *in* Torgerson & James, 1967: 215. PNG (PNG); Indonesia (Irian Jaya).
bivittata Doleschall, 1858: 111 (*Musca*). Indonesia (Maluku).
crosskeyi Torgerson & James, 1967: 225. PNG (PNG); Indonesia (Irian Jaya).
discolor Torgerson & James, 1967: 217. PNG (PNG); Indonesia (Irian Jaya).
elegans Paramonov, 1961f: 223. Indonesia (Irian Jaya).
elegantina James, 1971a: 11. PNG (PNG).
eristaloides Walker, 1858b: 106 (*Musca*). Indonesia (Maluku); PNG (PNG).
evittata Torgerson & James, 1967: 210. Indonesia (Irian Jaya); PNG (PNG).
femorata Torgerson *in* Torgerson & James, 1967: 234. PNG (PNG).
flavida Torgerson *in* Torgerson & James, 1967: 241. PNG (PNG).
illucens Torgerson & James, 1967: 218. PNG (PNG).
intermedia Séguy, 1935: 147. "Nouvelle-Guinée."
leopoldi Malloch, 1934e: 13. Indonesia (Irian Jaya).
lieftincki Paramonov, 1961f: 224. Indonesia (Irian Jaya).
maai Torgerson & James, 1967: 213. Indonesia (Irian Jaya); PNG (PNG).
metallea Paramonov, 1961f: 222. Indonesia (Irian Jaya); PNG (PNG).
microtesselata Torgerson & James, 1967: 220. PNG (PNG).
nigrifacies Malloch, 1934e: 15. Indonesia (Irian Jaya).
nitens Torgerson *in* Torgerson & James, 1967: 224. PNG (PNG); Indonesia (Irian Jaya).
obscura Paramonov, 1960a: 7. PNG (PNG).
papua Guérin-Méneville, 1831: pl. 21, fig. 3 [1838: 297]. (*Calliphora*). "Nouvelle-Guinée"; Australia (NT), Indonesia (Irian Jaya), PNG (PNG).
calliphoroides Walker, 1861b: 245 (*Musca*). Indonesia (Irian Jaya).
papouana Bigot, 1888a: 610 (*Phumosia*). "Nouvelle-Guinée"; Indonesia (Irian Jaya).
princeps Brauer, 1899: 521. Unavailable name; proposed in synonymy with *papouana* Bigot, not subsequently made available.

- cuprina* Torgerson *in* Torgerson & James, 1967: 233. Indonesia (Irian Jaya). **N. syn.**
papuana, error for *papouana*.
- paramonovi** Torgerson & James, 1967: 228. Indonesia (Irian Jaya); PNG (PNG).
- phantasma** Torgerson & James, 1967: 240. Indonesia (Irian Jaya).
- reversa** Torgerson & James, 1967: 213. Indonesia (Irian Jaya); PNG (PNG).
- setigera** Torgerson & James, 1967: 239. PNG (PNG); Indonesia (Irian Jaya).
- similis** Paramonov, 1961f: 225. Indonesia (Maluku); PNG (PNG).
- spiraculata** Paramonov, 1961f: 221. Indonesia (Irian Jaya).
- subalba** Torgerson & James, 1967: 232. Indonesia (Irian Jaya).
- tesselata** Torgerson & James, 1967: 222. PNG (PNG).
- variegata** Bigot, 1888a: 610 (*Phumosia*). “Nouvelle-Guinée”; Indonesia (Irian Jaya), PNG (PNG).
magna Torgerson & James, 1967: 229. Indonesia (Irian Jaya). **N. syn.**

Genus PHUMOSIA Robineau-Desvoidy

- PHUMOSIA** Robineau-Desvoidy, 1830: 427. Type species: *Phumosia abdominalis* Robineau-Desvoidy, 1830, mon.
- CAIUSA** Surcouf, 1920: 52. Type species: *Caiusa indica* Surcouf, 1920, mon.
- abdominalis** Robineau-Desvoidy, 1830: 427. Indonesia (Timor); Indonesia (Irian Jaya, Maluku), PNG (PNG); Indonesia (Sulawesi, Sumatra), Malaysia (Sabah, Sarawak), Philippines.
analis Macquart, 1843: 290(133) (*Ochromyia*). “Nouvelle-Hollande,” error [prob. = Indonesia or PNG].
fulvescens Bigot, 1888a: 609 (*Ochromyia*). Indonesia (Maluku).
- indica** Surcouf, 1920: 53 (*Caiusa*). India; Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG), Solomon Is; Indonesia (Java, Sulawesi, Sumatra), Malaysia (Pen), Philippines, Sri Lanka, Taiwan.
- marginata** James, 1971a: 9. Indonesia (Irian Jaya); PNG (PNG).
- promittens** Walker, 1859b: 134 (*Musca*). Indonesia (Sulawesi); Indonesia (Maluku).
- surcoufi** Bezzi, 1927b: 246 (*Caiusa*). Australia (Qld); Australia (NT).
- testacea** Senior-White, 1923: 310 (*Caiusa*). Sri Lanka; PNG (Bougainville I); India, SE Asia.

Tribe LUCILIINI

Genus DYSCRITOMYIA Grimshaw

- DYSCRITOMYIA** Grimshaw, 1901: 21. Type species: *Catapicephala limbipennis* Thomson, 1869, orig. des.
- PROSTHETOAETA** Grimshaw, 1901: 24. Type species: *Prostheochaeta robusta* Grimshaw, 1901, orig. des.
- affinis** Grimshaw, 1901: 23. Hawaiian Is.
- alta** Hardy *in* James, 1981: 303. Hawaiian Is.
- bryani** James, 1981: 305. Hawaiian Is.
- caudata** James, 1981: 308. Hawaiian Is.
- claripennis** Grimshaw, 1901: 23. Hawaiian Is.
- cuprea** James, 1981: 312. Hawaiian Is.
- digitata** James, 1981: 314. Hawaiian Is.
- divisa** James, 1981: 317. Hawaiian Is.
- fasciata** Grimshaw, 1901: 25 (*Prostheochaeta*). Hawaiian Is.
- fulgens** Grimshaw, 1901: 23. Hawaiian Is.
- grimshawi** James, 1981: 322. Hawaiian Is.
- hawaiiensis** Grimshaw, 1901: 22. Hawaiian Is.
- lata** James, 1981: 325. Hawaiian Is.
- limbipennis** Thomson, 1869: 541 (*Catapicephala*). Hawaiian Is.

lucilioides Grimshaw, 1901: 25 (*Prostethochaeta*). Hawaiian Is.
nigerrima James, 1981: 332. Hawaiian Is.
obscura Grimshaw, 1901: 25 (*Prostethochaeta*). Hawaiian Is.
pectinata James, 1981: 335. Hawaiian Is.
retracta James, 1981: 337. Hawaiian Is.
robusta Grimshaw, 1901: 24 (*Prostethochaeta*). Hawaiian Is.
scopifera James, 1981: 341. Hawaiian Is.
similis James, 1981: 342. Hawaiian Is.
sternacantha James, 1981: 344. Hawaiian Is.
terryi Bryan, 1934: 419. Hawaiian Is.
viridis Hardy *in* James, 1981: 347. Hawaiian Is.

Genus HEMIPYRELLIA Townsend

HEMIPYRELLIA Townsend, 1918: 154. Type species: *Hemipyrellia curriei* Townsend, 1918, orig. des.
aureocrura James, 1971a: 5. Vanuatu.
bougainvillia Kurahashi, 1987b: 42. PNG (Bougainville I).
expecta Paramonov, 1961f: 226. Indonesia (Irian Jaya); PNG (PNG).
fergusoni Patton, 1925b: 403. Australia (NSW); Australia (Qld).
fijiensis James, 1971a: 4. Fiji.
ligurriens Wiedemann, 1830a: 655 (*Musca*). China & Indonesia (Java); Australia (Qld), Bonin Is, Indonesia (Irian Jaya, Maluku), NZ (NZ), PNG (Bismarck Arch, Bougainville I, PNG); Japan, Korea, Oriental Reg.
solaia Walker, 1849: 887 (*Musca*). Not given [prob. = Australia].
fortunata Walker, 1859b: 137 (*Musca*). Indonesia (Sulawesi).
liguriens, error for *ligurriens*.
rhodocera Bezzi, 1927b: 237. American Samoa; Fiji, Western Samoa.
tagaliana Bigot, 1877f: 44 (*Somomyia*). Philippines; Belau, Bonin Is, Marshall Is, Micronesia; Indonesia (Java, Nusa Tenggara), Malaysia (Pen), Singapore, Thailand.

Genus LUCILIA Robineau-Desvoidy

LUCILIA Robineau-Desvoidy, 1830: 452. Type species: *Musca caesar* Linnaeus, 1758, des. Macquart, 1834b: 162.
PHAENICIA Robineau-Desvoidy, 1863: 750. Type species: *Phaenicia concinna* Robineau-Desvoidy, 1863 [= *Musca sericata* Meigen, 1826], des. Townsend, 1916c: 8.
aureovultu Theowald, 1957: 160. Indonesia (Irian Jaya).
bismarckensis Kurahashi, 1987b: 46. PNG (Bismarck Arch); PNG (PNG).
caesar Linnaeus – not Australasian/Oceanian.
calviceps Bezzi, 1927b: 238. Vanuatu; Indonesia (Irian Jaya), New Caledonia (Loyalty Is, New Caledonia), PNG (Bismarck Arch, Bougainville I, PNG).
nosocomiorum, authors, not Doleschall, 1857, misid.
cuprina Wiedemann, 1830a: 654 (*Musca*). China; Australia, Belau, Bonin Is, Fiji, Hawaiian Is, Kiribati (Gilbert Is), Marshall Is, Micronesia, New Caledonia (New Caledonia), Vanuatu; pantrop.
pallifrons Bigot, 1877i: 258 (*Somomyia*). "Australia."
nigricornis Senior-White, 1924b: 115. India.
flavicornis Malloch, 1927e: 322. Australia (Qld).
fumicosta Malloch, 1926a: 507. Philippines; Indonesia (Irian Jaya), PNG (PNG).
graphita Shannon, 1926: 72. Hawaiian Is.
gressitti James, 1971a: 6. Indonesia (Irian Jaya).
papuensis Macquart, 1843: 298(141). Indonesia (Irian Jaya); Australia (NSW, Qld), Indonesia (Maluku), PNG (Bismarck Arch, PNG); China, Indonesia, Japan, Malaysia (Pen), Nepal, Philippines, Thailand.
metilia Walker, 1849: 898 (*Musca*). Nepal.

- cyaneomarginata* Macquart, 1851: 221(248). Indonesia (Java).
inducta Walker, 1853: 335 (*Musca*). "East Indies."
nosocomiorum Doleschall, 1857: 413. Indonesia (Maluku).
marginifera Walker, 1858b: 105 (*Musca*). Indonesia (Maluku).
azurea Doleschall, 1858: 111 (*Musca*). Indonesia (Irian Jaya). [Preocc. Fallén, 1817.]
nitescens Walker, 1861d: 302 (*Musca*). Indonesia (Maluku).
nosokomiorum, error for *nosocomiorum*.
porphyrina Walker, 1856a: 24 (*Musca*). Malaysia (Pen); Australia (Qld), Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, PNG); China, Indonesia (Java), Japan.
nebulosa Bigot, 1888a: 604 (*Somomyia*). Indonesia (Maluku) & Indonesia (Java).
sericata Meigen, 1826: 53 (*Musca*). Germany; widesp. Australia, Bonin Is, Easter I, Hawaiian Is, Kiribati (Phoenix Is), Marshall Is, New Caledonia (New Caledonia), Norfolk I, Pitcairn Is, Volcano Is, Wake I; cosmopol.
sinensis Aubertin, 1933b: 407. China; PNG (PNG); Malaysia (Pen), Thailand.
snyderi James, 1962: 115. Bonin Is; Volcano Is.

Tribe POLLENIINI

Genus ANTHRACOMYIA Malloch

- ANTHRACOMYIA** Malloch, 1927e: 319. Type species: *Anthracomyia atratula* Malloch, 1927, mon.
ANTHRACOMYZA Malloch, 1928g: 360 (unnec. n. n. for *Anthracomyia*).
atratula Malloch, 1927e: 319. Australia (NSW).

Genus DEXOPOLLENIA Townsend

- DEXOPOLLENIA** Townsend, 1917b: 201. Type species: *Dexopollenia testacea* Townsend, 1917, orig. des.
chrysothrix Bezzi, 1927b: 231. Australia (NSW).
nigra Kurahashi, 1987b: 65. PNG (PNG).
papua Kurahashi, 1987b: 64. PNG (PNG).
sakulasi Kurahashi, 1987b: 68. PNG (PNG).
trifascia Walker, 1861b: 245 (*Musca*). Indonesia (Irian Jaya). N. comb.

Genus POLLENIA Robineau-Desvoidy

- POLLENIA** Blainville, 1826: 11. *Nomen nudum*.
POLLENIA Robineau-Desvoidy, 1830: 412. Type species: *Musca rudis* Fabricius, 1794, orig. des.
SEPIMENTUM Hutton, 1901: 66. Type species: *Sepimentum fumosum* Hutton, 1901, des. Townsend, 1916c: 8.
HUTTONOPHASIA Curran, 1927b: 354. Type species: *Gymnophania pernix* Hutton, 1901, orig. des.
SAPIMENTUM, error for *Sepimentum*.
advena Dear, 1986: 32. NZ (NZ).
aerosa Dear, 1986: 33. NZ (NZ).
antipodea Dear, 1986: 34. NZ (NZ).
astrictifrons Dear, 1986: 34. NZ (NZ).
atricoma Dear, 1986: 34. NZ (NZ).
atrifemur Malloch, 1930k: 321. NZ (NZ).
calamisessa Hardy, 1932d: 340. Australia (Qld).
commensurata Dear, 1986: 35. NZ (NZ).
consanguinea Dear, 1986: 35. NZ (NZ).
consectata Dear, 1986: 35. NZ (NZ).
cuprea Malloch, 1930k: 321. NZ (NZ).
demissa Hutton, 1901: 67 (*Sepimentum*). NZ (NZ).
dysethria Dear, 1986: 37. NZ (NZ).

- dyscheres** Dear, 1986: 37. NZ (NZ).
enetera Dear, 1986: 38. NZ (NZ).
eurybregma Dear, 1986: 38. NZ (NZ).
flindersi Hardy, 1932*d*: 338. Australia (Qld).
fulviantenna Dear, 1986: 38. NZ (NZ).
fumosa Hutton, 1901: 67 (*Sepimentum*). NZ (NZ).
hirticeps Malloch, 1927*e*: 318. Australia (NSW); Australia (SA).
hispidia Dear, 1986: 39. NZ (NZ).
immanis Dear, 1986: 40. NZ (NZ).
insularis Dear, 1986: 40. NZ (NZ).
lativertex Dear, 1986: 41. NZ (NZ).
limpida Dear, 1986: 41. NZ (NZ).
moretonensis Macquart, 1855: 136(116). Australia (Qld).
nigripalpis Dear, 1986: 41. NZ (NZ).
nigripes Malloch, 1930*k*: 320. NZ (NZ).
nigrisquama Malloch, 1930*k*: 319. NZ (NZ).
nigrita Malloch, 1936*a*: 22. Australia (NSW).
notialis Dear, 1986: 43. NZ (NZ).
opalina Dear, 1986: 43. NZ (NZ).
oreia Dear, 1986: 43. NZ (NZ).
pernix Hutton, 1901: 61 (*Gymnophania*). NZ (NZ).
primaeva Dear, 1986: 44. NZ (NZ).
pseudorudis Rognes, 1985: 90 (n. n. for *obscura* Bigot). "Amerique septentrionale"; NZ (NZ); widesp. Nearctic, Oriental, Palearctic Regs.
obscura Bigot, 1887*d*: clxxiii [1888*a*: 597; 1888*b*: clxxxi]. "Amerique septentrionale." [Preocc. Fabricius, 1794.]
pulverea Dear, 1986: 45. NZ (NZ).
rudis Fabricius, 1794: 412 (*Musca*). "Germania"; Hawaiian Is, ?NZ (NZ); widesp. Holarctic Reg.
sandaraca Dear, 1986: 45. NZ (NZ).
scalena Dear, 1986: 46. NZ (NZ).
stolida Malloch, 1936*a*: 21. Australia (NSW).
uniseta Dear, 1986: 86. NZ (NZ).
viridiventris Macquart, 1847*a*: 84 [1847*b*: 100]. Australia (Tas).

Tribe BENGALIINI

Genus BENGALIA Robineau-Desvoidy

- BENGALIA** Robineau-Desvoidy, 1830: 425. Type species: *Bengalia testacea* Robineau-Desvoidy, 1830 [= *Musca torosa* Wiedemann, 1819], des. Desmarest *in* d'Orbigny, 1842*a*: 542.
robertsi Kurahashi, 1987*b*: 70. PNG (PNG).
torosa Wiedemann, 1819*a*: 21 (*Musca*). India; Australia (NT) [?immigrant]; Oriental Reg.
testacea Robineau-Desvoidy, 1830: 426. "Nouvelle Hollande" [not "Cayenne"; prob. error (see Farrow & Dear, 1978: 234)].

Subfamily CHRYSOMYINAE

Tribe CHRYSOMYINI

Genus CHRYSOMYA Robineau-Desvoidy

- CHRYSOMYA** Blainville, 1826: 11. *Nomen nudum*.
CHRYSOMYA Robineau-Desvoidy, 1830: 444. Type species: *Chrysomya regalis* Robineau-Desvoidy, 1830, des. Coquillett, 1910: 523.

- CHRYSOMYIA* Agassiz, 1847: 85 (unjust. emend. of *Chrysomya*).
- COMPSONYIA* Rondani, 1875b: 425. Type species: *Musca dux* Eschscholtz, 1822 [= *Musca megacephala* Fabricius, 1794], des. Coquillett, 1910: 526.
- MICROCALLIPHORA* Townsend, 1916a: 618. Type species: *Lucilia varipes* Macquart, 1851, orig. des.
- PSILOSTOMA* Surcouf, 1920: 58. Type species: *Chrysomyia incisuralis* Macquart, 1850, orig. des.
- ACHOETANDRUS* Bezzi, 1927b: 235 (*Chrysoma* subg.). Type species: *Musca albiceps* Wiedemann, 1819, orig. des.
- EUCOMPSONYIA* Malloch, 1927e: 325. Type species: *Eucompsonyia semimetallica* Malloch, 1927, orig. des.
- CEYLONOMYIA* Fan, 1965: 196. Type species: *Chrysomyia nigripes* Aubertin, 1932, orig. des.
- ACHAETANDRUS*, error for *Achoetandrus*.
- bezziana** Villeneuve, 1914: 430. Africa; Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG); widesp. Afrotrop., Oriental Regs.
- flavifrons** Aldrich, 1925a: 20 (*Microcalliphora*). Australia (Qld); PNG (Bismarck Arch).
fulvipes Patton, 1925b: 410. Australia (Qld).
- incisuralis** Macquart, 1851: 219(246) (*Ochromyia*). Australia, "côte orientale"; Australia (NSW, Qld).
- latifrons** Malloch, 1927e: 326 (*Eucompsonyia*). Australia (NSW).
- megacephala** Fabricius, 1794: 317 (*Musca*). "Guinea," error [= ?"Ex. Ind. Or."; see Patton, 1925a: 179]; widesp. Australasian/Oceanian Regs.; pantrop.
dux Eschscholtz, 1822: 114 [1823: 171] (*Musca*). Guam.
gratiosa Robineau-Desvoidy, 1830: 451. "D'Afrique," error [= ?Oriental, ?Australasian].
bata Walker, 1849: 875 (*Musca*). Not given [unknown].
combrea Walker, 1849: 876 (*Musca*). Not given [unknown].
cyaneocincta Bigot, 1888a: 604 (*Somomya*). Indonesia (Java) & Indonesia (Maluku) & Indonesia (Timor).
azurea, Grimshaw, 1901, not Fallén, 1816, misid.
- nigripes** Aubertin, 1932: 26. Sri Lanka; Guam, PNG (Bismarck Arch, Bougainville I, PNG), Solomon Is, Vanuatu; widesp. Oriental Reg.
- norrisi** James, 1971b: 367. PNG (PNG).
- pinguis** Walker, 1858a: 213 (*Lucilia*). India; Indonesia (Maluku); widesp. Oriental, Palearctic Regs.
- rufifacies** Macquart, 1843: 303(146) (*Lucilia*). "Nouvelle-Hollande"; Australia (NSW, Qld), Belau, Fiji, Guam, Hawaiian Is, Indonesia (Irian Jaya), Marshall Is, New Caledonia (New Caledonia), PNG (Bismarck Arch, Bougainville I, PNG), Vanuatu; widesp. Oriental Reg.
tasmanensis Macquart, 1851: 222 (249) (*Lucilia*). Australia (Tas).
melanifera Bigot, 1877i: 258 (*Somomya*). "Australie."
albiceps, authors, not Wiedemann, 1819, misid.
tasmaniensis, error for *tasmanensis*.
- sabroskyi** Theowald, 1959: 96 (*Eucompsonyia*). Indonesia (Irian Jaya); PNG (PNG).
- saffranea** Bigot, 1877i: 257 (*Somomya*). "Australie"; Australia (NSW, Qld), Indonesia (Irian Jaya), New Caledonia (New Caledonia), PNG (PNG).
micropogon Bigot, 1888a: 601 (*Somomya*). "Australie."
mallochi Theowald, 1959: 95. Indonesia (Irian Jaya).
- semimetallica** Malloch, 1927e: 325 (*Eucompsonyia*). Australia (Qld); Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG).
- sulcifrons** James, 1971b: 365. Indonesia (Irian Jaya); PNG (Bismarck Arch, PNG).
ssp. **moonadan** James, 1971b: 366. PNG (Bismarck Arch).
ssp. **sulcifrons** s. str. Indonesia (Irian Jaya); PNG (PNG).
- tagulai** Kurahashi, 1987b: 75. PNG (PNG).
- varipes** Macquart, 1851: 222(249) (*Lucilia*). Australia, "côte orientale"; Australia (NSW, Qld), Fiji, Indonesia (Irian Jaya), New Caledonia (New Caledonia), Norfolk I, PNG (Bismarck Arch, Bougainville I, PNG), Tonga, Vanuatu.
annulipes Patton, 1925b: 410. Australia (Qld).

Genus COCHLIOMYIA Townsend

CALLITROGA Brauer, 1883: 74 [Brauer & Bergenstamm, 1893: 194]. Unavailable name; proposed in synonymy, not subsequently made available.

COCHLIOMYIA Townsend, 1915d: 646. Type species: *Musca macellaria* Fabricius, 1775, orig. des. [Conserved by I.C.Z.N., 1986: 154.]

macellaria Fabricius, 1775: 776 (*Musca*). "America" [= West Indies; see Hall, 1965: 924]; Pitcairn Is [introduced]; widesp. New World.

vittata Macquart, 1843: 298 (141). "Nouvelle-Hollande," error [prob. = Nearctic or Neotrop. locality.]

Genus PARALUCILIA Brauer & Bergenstamm

PARALUCILIA Brauer & Bergenstamm, 1891: 391. Type species: *Calliphora fulvipes* Macquart, 1843 [= *Chrysomya fulvicrura* Robineau-Desvoidy, 1830], orig. des.

COMPSOMYIOPS Townsend, 1918: 153. Type species: *Calliphora fulvipes* Macquart, 1843 [= *Chrysomyia fulvicrura* Robineau-Desvoidy, 1830], orig. des.

fulvicrura Robineau-Desvoidy, 1830: 446 (*Chrysomya*). Uruguay; Easter I; Mexico to S. Am.

Tribe PHORMIINI

Genus PHORMIA Robineau-Desvoidy

PHORMIA Robineau-Desvoidy, 1830: 465. Type species: *Musca regina* Meigen, 1826, des. Robineau-Desvoidy, 1849b: v.

EUPHORMIA Townsend, 1919b: 542. Type species: *Musca regina* Meigen, 1826, orig. des.

regina Meigen, 1826: 58 (*Musca*). Not given [Germany]; Hawaiian Is; Nearctic, Palearctic Regs.

Subfamily RHINIINAE

Tribe RHINIINI

Genus BORBORORHINIA Townsend

BORBORORHINIA Townsend, 1917b: 188. Type species: *Borbororhinia pubescens* Townsend, 1917 [= *Idia bivittata* Walker, 1856], orig. des.

bivittata Walker, 1856: 128 (*Idia*). Malaysia (Sarawak); Indonesia (Maluku); Oriental Reg.

Genus CHLORORHINIA Townsend

CHLORORHINIA Townsend, 1917b: 191. Type species: *Chlororhinia viridis* Townsend, 1917 [= *Musca exempta* Walker, 1856], orig. des.

exempta Walker, 1856c: 128 (*Musca*). Malaysia (Sarawak); Australia (NSW, Qld), Indonesia (Irian Jaya), PNG (PNG); widesp. Oriental Reg.

fuscohirta Malloch, 1926c: 498 (*viridis* Townsend var.). Malaysia (Pen); Australia (Qld), PNG (Bismarck Arch, PNG); widesp. Oriental Reg.

Genus IDIELLA Brauer & Bergenstamm

IDIELLA Brauer & Bergenstamm, 1889: 154. Type species: *Idia mandarina* Wiedemann, 1830, orig. des.

hirashimai Kurahashi, 1987b: 86. PNG (PNG).

mandarina Wiedemann, 1830a: 350 (*Idia*). China; Indonesia (Irian Jaya, Maluku); PNG (PNG); widesp. Oriental Reg.

tricolor Bigot, 1874e: 236 (*Idia*). Not given [unknown].

Genus ISOMYIA Walker

ISOMYIA Walker, 1859c: 134 (*Musca* subg.). Type species: *Musca delectans* Walker, 1859, mon.
ditissima Walker, 1861b: 244 (*Musca*). Indonesia (Irian Jaya).

Genus METALLEA Wulp

METALLEA Wulp, 1880: 174. Type species: *Metallea notata* Wulp, 1880, mon.
albifacies Dear, 1977: 812. Australia (WA); Australia (NT, Qld, SA).
incisuralis Macquart, 1851: 214(241) (*Rhynchomyia*). Australia, "côte orientale"; Australia (Qld, SA, Vic, WA).
cuprea Walker, 1853: 331 (*Musca*). Australia (SA). [Preocc. Geoffroy, 1785.]
gracilipalpis Macquart, 1855: 129(109) (*Rhynchomyia*). Australia (SA).
tigrina Bigot, 1874e: 242 (*Rhynchomyia*). "Australie."
illingworthi Aldrich, 1926b: 7. Australia (Qld).
nigribarba Aldrich, 1926b: 10. Australia (Vic).
puncticeps Malloch, 1927e: 331. Australia (WA).
divisa, authors, not Walker, 1853, misid.
insularis Malloch, 1927e: 330. Australia (NSW); Australia (Qld).
nigripilosa Dear, 1977: 816. Australia (NSW); Australia (Qld).
papua Kurahashi, 1987b: 89. PNG (PNG).
robusta Aldrich, 1926b: 9. Australia (WA).

Genus RHINIA Robineau-Desvoidy

RHINIA Robineau-Desvoidy, 1830: 422. Type species: *Rhinia testacea* Robineau-Desvoidy, 1830 [= *Idia apicalis* Wiedemann, 1830], mon.
BECCARIMYIA Rondani, 1873: 287. Type species: *Beccarimyia glossina* Rondani, 1873 [= *Idia apicalis* Wiedemann, 1830], mon.
apicalis Wiedemann, 1830a: 354 (*Idia*). Canary Is; Australia (NT, Qld), Fiji, French Polynesia (Society Is), Hawaiian Is, PNG (PNG). Solomon Is, Vanuatu; pantrop.
testacea Robineau-Desvoidy, 1830: 423. Mauritius.
pleuralis Thomson, 1869: 542 (*Idia*). "Insula Rossi" [= Cocos (Keeling) Is].

Genus STOMORHINA Rondani

IDIA Wiedemann, 1820a: 21. Rejected by I.C.Z.N., 1966: 213. [Preocc. Hübner, 1806.]
IDIA Henning, 1832: 339. Type species: *Musca lunata* Fabricius, 1805, **pres. des.** [Preocc. Hübner, 1806.]
STOMORHINA Rondani, 1861b: 9 (n. n. for *Idia*).
IDIELLOPSIS Townsend, 1917b: 190. Type species: *Idiellopsis similis* Townsend, 1917 [= *Idia xanthogaster* Wiedemann, 1820], orig. des.
EUIDIELLA Townsend, 1917b: 192. Type species: *Musca discolor* Fabricius, 1794, orig. des.
STOMATHORRHINA Bezzi, 1906a: 53 (unjust. emend. of *Stomorphina*).
STOMATORRHINA Bezzi, 1906b: 144 (unjust. emend. of *Stomorphina*).
STOMATORRHINA, **STOMATORRHINIA**, **STOMORHYNA**, errors for *Stomorphina*.
cervina Osten Sacken, 1881a: 448 (*Idia*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
discolor Fabricius, 1794: 320 (*Musca*). "India orientali"; Australia (NSW, Qld), Fiji, French Polynesia (Marquesas, Society Is), Hawaiian Is, Indonesia (Maluku), Micronesia, New Caledonia (New Caledonia), PNG (Bismarck Arch, PNG), Vanuatu; widesp. Oriental Reg.
aequalis Walker, 1858b: 103 (*Idia*). Indonesia (Maluku).
scalaris Bigot, 1888a: 591. Indonesia (Maluku).

melastoma Wiedemann, 1830a: 353 (*Idia*). Indonesia (Java); Australia (Qld), PNG (PNG); Oriental Reg.

melanostoma, error for *melastoma*.

norrisi Dear, 1977: 798. Australia (Qld); Australia (NT, WA).

obsoleta Wiedemann, 1830a: 355 (*Idia*). China; Bonin Is; Japan.

pallida Malloch, 1927e: 333. Australia (Qld); Australia (NT, WA).

pollinosa Dear, 1977: 802. Australia (Qld); Australia (NT, WA).

quadrinotata Bigot – not Australasian/Oceanian.

subapicalis Macquart, 1847a: 82 [1847b: 98] (*Idia*). “Nouvelle-Hollande”; widesp. Australia.

murina Schiner, 1868: 309 (*Idia*). Australia (NSW).

cribellata Bezzi, 1927b: 233. Australia (Vic).

xanthogaster Wiedemann, 1820a: 21 (*Idia*). Indonesia (Java); Australia (NT, Qld), New Caledonia (Loyalty Is, New Caledonia), PNG (Bismarck Arch, Bougainville I, PNG), Vanuatu; widesp. Oriental Reg.

australis Walker, 1849: 809 (*Idia*). “New Holland.”

Subfamily TOXOTARSINAE

Genus SARCONESIA Bigot

SARCONESIA Bigot, 1857a: 301. Type species: *Sarcophaga chlorogaster* Wiedemann, 1830, orig. des.

chlorogaster Wiedemann, 1830a: 359 (*Sarcophaga*). “Montevideo und am La Plata” [original type locality], Argentina [neotype locality; see Dear, 1979: 156]; Easter I; S Neotrop. Reg.

Subfamily AMENIINAE

Tribe CATAPICEPHALINI, n. tribe

Genus CATAPICEPHALA Macquart

CATAPICEPHALA Macquart, 1851: 210(237). Type species: *Catapicephala splendens* Macquart, 1851, orig. des.

ingens Walker, 1859b: 134 (*Musca*). Indonesia (Sulawesi); Indonesia (Irian Jaya).

Nomen nudum in Catapicephala Macquart

doleschallii Brauer & Bergenstamm, 1891: 414.

Tribe AMENIINI

Genus AMENIA Robineau-Desvoidy

AMENIA Robineau-Desvoidy, 1830: 443. Type species: *Musca leonina* Fabricius, 1775, des. Macquart, 1843: 273(116).

PTYLOSTYLUM Macquart, 1851: 195(222). Type species: *Ptylostylum albomaculatum* Macquart, 1851 [= *Musca leonina* Fabricius, 1775], orig. des.

NEOAMENIA Malloch, 1930f: 103. Type species: *Neoamenia longicornis* Malloch, 1930, orig. des.

CHAETAMENIA Enderlein, 1936d: 442. Type species: *Dexia chrysame* Walker, 1849, orig. des.

GRAPHOLOSTYLUM, Enderlein, 1936, not Macquart, 1851, misid.

chrysame Walker, 1849: 866 (*Dexia*). “New Holland”; Australia (NSW, Qld, SA, Vic).

varia Walker, 1853: 342 (*Musca*). Australia (SA). [Preocc. Gmelin, 1790.]

parva Schiner, 1868: 316. Australia (NSW).

- imperialis** Robineau-Desvoidy, 1830: 443. "Nouvelle-Hollande" [original type locality], Australia (Qld)
 [neotype locality; see Crosskey, 1965: 109]; Australia (NSW).
 ssp. **dubitalis** Malloch, 1927f: 343 (as sp.). Australia (NSW); Australia (Qld).
latifrons Enderlein, 1936d: 442 (*Grapholostylum*; as sp.). "Australia."
 ssp. **imperialis** s. str. Australia (Qld).
leonina, authors, not Fabricius, 1775, misid.
- leonina** Fabricius, 1775: 776 (*Musca*). "nova Hollandia" [= Australia (Qld); see Musgrave, 1932: 54];
 Australia (NSW, NT).
 ssp. **albomaculata** Macquart, 1851: 195(222) (*Ptylostylum*; as sp.). "Tasmanie," error [= Australia
 (NSW)]; Australia (Qld).
chaetameniina Enderlein, 1936d: 443 ("*leonina* ab"). Name without nomenclatural status.
enderleini Paramonov, 1957c: 60 (*leonina* ssp.). Australia (NSW).
 ssp. **leonina** s. str. "nova Hollandia" [= Australia (Qld)]; Australia (NT).
stictica Brauer & Bergenstamm, 1891: 418. *Nomen nudum*.
stictica Engel, 1925: 353. "Australia."
- longicornis** Malloch, 1930f: 103 (*Neoamenia*). Australia (WA); Australia (SA).
sexpunctata Malloch, 1933d: 76. Australia (NT).
dorsomaculatum, Enderlein, 1936, not Macquart, 1843, misid.

Genus FORMOSIOMIMA Enderlein

- FORMOSIOMIMA** Enderlein, 1936d: 444. Type species: *Formosiomima imitatrix* Enderlein, 1936 [= *Amenia nigromaculata* Malloch, 1929], orig. des.
nigromaculata Malloch, 1929m: 286 (*Amenia*). Australia (WA).
imitatrix Enderlein, 1936d: 444. Australia (WA).

Genus PARAPLATYTROPESA Crosskey

- PARAPLATYTROPESA** Crosskey, 1965: 98. Type species: *Stilbomyia rieki* Paramonov, 1957, orig. des.
rieki Paramonov, 1957c: 54 (*Stilbomyia*). Australia (Qld).

Genus PLATYTROPESA Macquart

- PLATYTROPESA** Macquart, 1851: 197(224). Type species: *Platytrapesa auriceps* Macquart, 1851, orig.
 des.
PLATYTROPEZA. Incorr. orig. spell. of *Platytrapesa* [Macquart, 1851: 330(357).]
LIOSTIRIA Enderlein, 1936d: 440. Type species: *Liostiria ralumensis* Enderlein, 1936 [= *Stilbomyella*
dubia Malloch, 1935], orig. des.
auriceps Macquart, 1851: 197(224). Indonesia (Irian Jaya); Australia (Qld), Indonesia (Maluku), PNG
 (PNG).
ruriceps. Incorr. orig. spell. of *auriceps* [Macquart, 1851: 197(224).]
opulenta Walker, 1858b: 104 (*Musca*). Indonesia (Maluku).
decrescens Walker, 1864: 215 (*Silbomyia*). Indonesia (Irian Jaya).
costalis, Malloch, 1930, not Walker, 1860, misid.
dubia Malloch, 1935c: 76 (*Stilbomyella*). PNG (Bismarck Arch).
ralumensis Enderlein, 1936d: 437 (*Liostiria*). PNG (Bismarck Arch).
ralumsensis. Incorr. orig. spell. of *ralumensis* (Enderlein, 1936d: 440).
simulans Crosskey, 1965: 89. Indonesia (Irian Jaya); PNG (PNG).

Genus SILBOMYIA Macquart

- SILBOMYIA** Macquart, 1843: 274(117). Type species: *Musca fuscipennis* Fabricius, 1805, des. Engel,
 1925: 348.
STILBOMYIA Agassiz, 1847: 353 (unjust. emend. of *Silbomyia*).

fuscipennis Fabricius, 1805: 291 (*Musca*). Indonesia (Sumatra); Indonesia (Maluku); Indonesia (Java).
minor Malloch, 1930f: 102. Australia (Qld).

Genus **STILBOMYELLA** Malloch

STILBOMYELLA Malloch, 1935c: 74. Type species: *Stilbomyella nitens* Malloch, 1935, orig. des.
DOLESCHALLIUS Enderlein, 1936d: 441. Type species: *Rutilia nigrocostalis* Doleschall, 1858 [= *Musca gloriosa* Walker, 1858], orig. des.
gloriosa Walker, 1858b: 104 (*Musca*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
nigrocostalis Doleschall, 1858: 108 (*Rutilia*). Indonesia (Maluku).
costalis Walker, 1860b: 159 (*Musca*). Indonesia (Maluku).
diffusa Walker, 1861d: 290 (*Musca*). Indonesia (Maluku).
nitens Malloch, 1935c: 75. PNG (Bismarck Arch).

Tribe PARAMENIINI

Genus **PARAMENIA** Brauer & Bergenstamm

PARAMENIA Brauer & Bergenstamm, 1889: 151. Type species: *Paramenia semiauriceps* Brauer & Bergenstamm, 1889, mon.
CALLIPHOROPSIS Townsend, 1915b: 22. Type species: *Musca macularis* Walker, 1858, orig. des.
angustifrons Crosskey, 1965: 128. Australia (Qld).
divitiosa Walker, 1864: 215 (*Chrysomyia*). Indonesia (Irian Jaya); PNG (PNG).
macularis Walker, 1858b: 104 (*Musca*). Indonesia (Maluku); PNG (PNG).
semiauriceps Brauer & Bergenstamm, 1889: 151. "Neuholland" (see Crosskey, 1965: 135); Australia (NSW, Qld, Vic).

Subfamily MYSTACINOBIINAE

Genus **MYSTACINOBIA** Holloway

MYSTACINOBIA Holloway, 1976: 281. Type species: *Mystacinobia zelandica* Holloway, 1976, mon.
zelandica Holloway, 1976: 281. NZ (NZ).

Unplaced species of Calliphoridae

flavicans Doleschall, 1858: 112 (*Pollenia*). Indonesia (Maluku).
ferruginea Doleschall, 1857: 414 (*Ochromyia*). Indonesia (Maluku).