

Superfamily BOMBYLIOIDEA

40. Family BOMBYLIIDAE

By Neal L. Evenhuis

Members of the Bombyliidae, commonly called bee flies, are most frequently found in arid and semiarid portions of the world, with a few specialized forms occurring in moist tropical climates. Adults range in size from 1 to 21 mm in length and are commonly found on flowers, hovering in bright sunlight, or resting on warm, bare ground. Many, if not all, are pollen and nectar feeders, with some acting as primary pollinators of certain species of desert wildflowers.

Species found in Australia include some of the most striking species known; many have large, pictured wings and brightly colored cuticular pigmentation or vestiture. There is a great deal of endemism exhibited in the taxa from Australia and the Oceanic islands (Evenhuis 1982*b*). The Oriental Region seems to be a source for many of the Oceanic taxa, but some of the Australian fauna (*viz.*, Comptosiini and Dischistini) show possible Transantarctic relationships because related genera of the 2 tribes are also found in central and southern Chile. There are over 300 species known from the areas covered in this catalog. As the fauna from these areas, especially the Australian, becomes better known, this number could easily double or even triple.

Immatures are infrequently encountered. Larvae of some genera are predators of orthopteroid egg pods, most others are parasitoids on immature stages of holometabolous orders of insects (DuMerle 1975) or are free-living in soil. The only Australian bombyliid predator of orthopteroid egg pods is *Psiloderoides* sp., which was recorded (misidentified as *Cyrtomorpha flaviscutellaris*) preying on the egg pods of *Austroicetes cruciata* Saussure (Fuller 1938*a,b*). *Psiloderoides* has been previously known only from South Africa. This is the first record of the genus in the Australian Region. Ectoparasitic representatives from the regions covered here include *Exhyalanthrax* on pupiparous higher Diptera, *Systropus* on saddleback moths (Limacodidae), *Geron* on Psychidae,

and the ubiquitous *Anthrax* on a variety of hosts, primarily aculeate Hymenoptera. Hyperparasites occurring in these areas include *Exoprosopa* and *Ligyra* on Tiphiidae and Scoliidae (Hymenoptera), which are parasites of grubs of Scarabaeoidea. Hardy (1921*c*) recorded *Ligyra satyrus* as hyperparasitic on an unidentified asilid. *Glbellula*, represented in Australia by the single known species *G. australis*, is known elsewhere as an inquiline of the ant genus *Formica* (de Meijere 1924*b*, 1928; Andersson 1974).

The family, as presently known, is polyphyletic, with only the Anthracinae and Mythicomysiinae clearly forming monophyletic groups. There have been attempts to split the family (*e.g.*, Rohdendorf 1964), and there seems to be good cause for the separation of the Mythicomysiinae as a sister group to the Bombyliidae. Previous published separation of the Systropodinae to family status may be unwarranted in light of new unpublished phylogenetic evidence. Because of the preliminary nature of the phylogenetic knowledge of the Bombylioidea, all of Rohdendorf's "families" are here grouped under Bombyliidae *s. l.* The classification used here follows Bowden (1980*b*) with some modifications. The Comptosiini are presently under revision. The tribal classification, new combinations, and new synonymies for the Comptosiini should be attributed to David K. Yeates. The subfamily Bombyliinae is represented in these regions only by the tribe Dischistini. Species previously described in the genus *Bombylius* should be transferred to other genera after types have been examined. Due to the poor level of taxonomic knowledge of these flies, previous synonymies for species in many genera have been included here only when substantiated by examination of type material.

The only comprehensive work on the bombyliid fauna from these regions is the revisionary work of Roberts (1928*a,b*, 1929). The late S.J.

Paramonov contributed many papers on the Australian Bombyliidae, and many of his unfinished manuscripts on various genera are deposited in CSIRO, Canberra.

Refs.: Roberts (1928*a,b*, 1929, keys, rev. Australian spp.), Edwards (1934, rev. Lomatiinae), Paramonov

(1967, rev. Australian *Ligyra*), Hull (1973, world gen.), DuMerle (1975, immat. biol., bibliogr.), Evenhuis (1979*b*, rev. Australasian/Oceanian *Geron*; 1982, Oceanian zoogeogr.; 1983*b*, bibliogr.; 1988*a*, rev. *Brachyanax*; 1988*b*, phylog. Phthiriinae), Greathead (1988, phylog. Ecliminae), Yeates (1988, rev. *Oncodasia*).

Subfamily MYTHICOMYIINAE

Tribe MYTHICOMYIINI, n. tribe

Genus GLABELLULA Bezzi

PLATYGASTER Zetterstedt, 1838: 574. Type species: *Platygaster arcticus* Zetterstedt, 1838, mon.

[Preocc. Latreille, 1809.]

SPHAEROGASTER Zetterstedt, 1842: 232 (n. n. for *Platygaster*). [Preocc. Sturm, 1826.]

GLABELLA Loew, 1873*c*: 210. Type species: *Glabella femorata* Loew, 1873, mon. [Preocc. Swainson, 1840.]

GLABELLULA Bezzi, 1902: 191 (n. n. for "*Platygaster* ...und *Sphaerogaster* ...und *Glabella*").

[Application has been made to I.C.Z.N. to clarify the type species of the new replacement name *Glaskellula* Bezzi (Evenhuis 1987).]

PACHYNERES Greene, 1924: 62. Type species: *Pachyneres crassicornis* Greene, 1924, mon.

australis Malloch, 1924*b*: 205 (*Pachyneres*). Australia (NSW) [not Philippines]; Australia (ACT, Qld, Tas).

Tribe PLATYPYGINI, n. tribe

Genus ACRIDOPHAGUS Evenhuis

CYRTOMORPHA White, 1916*b*: 185. Type species: *Cyrtomorpha paganica* White, 1916, mon. [Preocc. Graff, 1882.]

ROBERTSELLA Evenhuis, 1978*b*: 247 (n. n. for *Cyrtomorpha*). [Preocc. Guinot, 1969.]

ACRIDOPHAGUS Evenhuis, 1983*c*: 318 (n. n. for *Robertsella*).

CYRTOSIA, authors, not Perris, 1839, misid.

CYRTIMORPHA, error for *Cyrtomorpha*.

flaviscutellaris Roberts, 1929: 566 (*Cyrtomorpha*). Australia (WA). **N. comb.**

paganicus White, 1916*b*: 186 (*Cyrtomorpha*). Australia (Tas). **N. comb.**

parvissimus Roberts, 1929: 567 (*Cyrtosia*). Australia (Qld). **N. comb.**

Genus PSILODEROIDES Hesse

PSILODEROIDES Hesse, 1967: 121. Type species: *Psiloderoides mansfieldi* Hesse, 1967, orig. des.

CYRTOMORPHA, authors, not White, 1916, misid.

Undetermined spp. — Australia (NSW, WA).

Subfamily SYSTROPODINAE

Genus SYSTROPUS Wiedemann

SYSTROPUS Wiedemann, 1820*a*: 18. Type species: *Systropus macilentus* Wiedemann, 1820, orig. des. (on plate).

- SYSTROPUS** Henning, 1832: 335. Type species: *Systropus macilentus* Henning, 1832 [preocc., = *Systropus macilentus* Wiedemann, 1820], mon. [Preocc. Wiedemann, 1820.] **N. syn.**
- CEPHENE** Latreille, 1825: 496. Vernacular name without nomenclatural status.
- CEPHENUS** Berthold, 1827: 506 (unnec. n. n. for *Systropus*).
- XYSTROPHUS** Agassiz, 1847: 359, 390 (unnec. emend. of *Systropus*).
- CEPHENIUS** Enderlein, 1926b: 70 (as gen.). Type species: *Systropus studyi* Enderlein, 1926, orig. des.
- SYSTROPHUS**, error for *Systropus*.
- SYSTROPHOPUS**, error for *Systropus*.
- doddi** Roberts, 1929: 555. Australia (Qld).
- flavoornatus** Roberts, 1929: 554. Australia (Qld).
- tipuloides** Westwood, 1876c: 576. Indonesia (Maluku).

Genus ZACLAVA Hull

- ZACLAVA** Hull, 1973: 250. Type species: *Systropus clavifemoratus* Hardy, 1921, orig. des.
- clavifemorata** Hardy, 1921c: 61 (*Systropus*). Australia (NSW); Australia (Qld).
- kraussi** Evenhuis, 1979a: 87. New Caledonia (Loyalty Is); New Caledonia (New Caledonia).
- minima** Roberts, 1929: 557 (*Dolichomyia*). Australia (Qld); Australia (NSW).
- occidentis** Roberts, 1929: 557 (*Dolichomyia*). Australia (WA).

Subfamily TOXOPHORINAE

Genus TOXOPHORA Meigen

- TOXOPHORA** Meigen, 1803: 270. Type species: *Toxophora maculata* Meigen, 1804 [preocc., = ?*Asilus fasciculatus* Villers, 1789], subs. mon. Meigen, 1804: 273.
- ENICONEVRA** Macquart, 1840: 110 [1841: 388]. Type species: *Eniconevra fuscipennis* Macquart, 1840, mon.
- ENICONEVRA** Agassiz, 1846: 13 (unjust. emend. of *Eniconevra*).
- HENICONEVRA** Agassiz, 1847: 138, 178 (unjust. emend. of *Eniconevra*).
- HENICONEVRA** Scudder, 1882: 159 (unjust. emend. of *Eniconevra*).
- compta** Roberts, 1929: 559. Australia (Qld).

Subfamily GERONTINAE

Genus GERON Meigen

- GERON** Meigen, 1820: 223. Type species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], des. Desmarest *in d'Orbigny*, 1845b: 206.

Subgenus GERON Meigen

- GERON** Meigen, 1820: 223 (as gen.). Type species: *Geron gibbosus* Meigen, 1820 [= *Bombylius gibbosus* Olivier, 1789], des. Desmarest *in d'Orbigny*, 1845b: 206.
- aaptis** Evenhuis, 1979b: 19. New Caledonia (Loyalty Is).
- aesion** Evenhuis, 1979b: 20. New Caledonia (New Caledonia); PNG (PNG).
- australis** Macquart, 1840: 118 [1841: 396]. Australia (NSW); widesp. Australia.
hilaris White, 1916b: 188. Australia (Tas).
- balpi** Evenhuis, 1979b: 23. Australia (WA); Australia (NT).
- cabon** Evenhuis, 1979b: 24. Australia (WA).
- chrysonotum** Evenhuis, 1979b: 25. Australia (WA).
- europaeficus** Evenhuis, 1979b: 27. French Polynesia (Society Is).
- flavociput** Evenhuis, 1979b: 24. Australia (ACT).
- fumipennis** Evenhuis, 1979b: 30. Australia (Qld); Australia (ACT, NSW).

- fusciscelis** Evenhuis, 1979b: 30. French Polynesia (Society Is).
inflatus Evenhuis, 1979b: 31. Australia (WA).
karakara Evenhuis, 1979b: 32. Australia (WA).
malekulanus Evenhuis, 1979b: 33. Vanuatu.
mononesensis Evenhuis, 1979b: 33. Indonesia (Maluku).
mysticus Evenhuis, 1979b: 33. Vanuatu.
neutralis Evenhuis, 1979b: 35. New Caledonia (New Caledonia); New Caledonia (Loyalty Is).
paramonovi Evenhuis, 1979b: 36. Australia (NSW).
terminatus Evenhuis, 1979b: 37. Vanuatu.
validus Evenhuis, n. n. Australia (NT); Australia (Qld).
 robustus Evenhuis, 1979b: 37. Australia (NT). [Preocc. Cresson, 1919.]

Subgenus **PLICHTAMYIA** Evenhuis

- PLICHTAMYIA** Evenhuis, 1979b: 39. Type species: *Geron dispar* Macquart, 1850, orig. des.
albihalteris Evenhuis, 1979b: 39. Solomon Is; PNG (Bismarck Arch).
amboinensis Evenhuis, 1979b: 40. Indonesia (Maluku).
bowdeni Evenhuis, 1979b: 41. PNG (Bismarck Arch).
dispar Macquart, 1850: 426(122). Australia (Tas); Australia (ACT, NSW, Qld, Vic).
 cothurnatus Bigot, 1892b: 374. Australia (Tas).
erythroccipitalis Evenhuis, 1979b: 44. Solomon Is; PNG (Bougainville I).
hemifuscis Evenhuis, 1979b: 45. PNG (PNG).
nigralis Roberts, 1929: 571. Australia (NSW); Australia (Qld).
nigrocciput Evenhuis, 1979b: 48. Australia (Qld); Australia (ACT, NSW, SA, Tas), PNG (PNG).
opacus Bowden, 1971d: 312. PNG (Bismarck Arch); Solomon Is.
parastralicus Evenhuis, 1979b: 51. Indonesia (Maluku).
robertsi Evenhuis, 1979b: 52. Australia (NSW); Australia (Qld).
sparsus Bowden, 1971d: 312. PNG (Bismarck Arch).
westralicus Evenhuis, 1979b: 54. Australia (WA).

Unplaced species of *Geron* Meigen

- simplex** Walker, 1858b: 90. Indonesia (Maluku); ?PNG (PNG).
tenuis Walker, 1857: 147. "Country unknown" [? Australasian].

Subfamily **BOMBYLIINAE**

Tribe **DISCHISTINI**

Genus **BROMOGLYCIS** Hull

- BROMOGLYCIS** Hull, 1971: 5. Type species: *Bromoglycis robustus* Hull, 1971, mon.
robustus Hull, 1971: 7. Australia (Qld).

Genus **BRYCHOSOMA** Hull

- BRYCHOSOMA** Hull, 1973: 102. Type species: *Brychosoma pulchrum* Hull, 1973 [= *Bombylius pictipennis* Macquart, 1850], mon.
 areolatus, error for *aureolatum*.
hilare Walker, 1849: 274 (*Bombylius*). Australia (WA); Australia (NSW, Qld). **N. comb.**
pictipenne Macquart, 1850: 422(118) (*Bombylius*). Australia, "côte orientale"; Australia (NSW, Qld). **N. comb.**
 pulchrum Hull, 1973: 104. Australia (Qld). **N. syn.**

Genus CHORISTUS Walker

CHORISTUS Walker, 1852: 197. Type species: *Choristus bifrons* Walker, 1852, mon.
ANASTOECHUS, authors, not Osten Sacken, 1877, misid.
annexus Roberts, 1928b: 434 (*Anastoechus*). Australia (WA).
bifrons Walker, 1852: 198. Australia (NSW); Australia (WA).
perspicuus Roberts, 1928b: 433 (*Anastoechus*). Australia (WA).

Genus CRYOMYIA Hull

CRYOMYIA Hull, 1973: 131. Type species: *Cryomyia argyropila* Hull, 1973, mon.
argyropila Hull, 1973: 131. Australia (WA).
perparva Roberts, 1928b: 453 (*Anastoechus*). Australia (Qld). N. comb.

Genus ERISTALOPSIS Evenhuis

SYRPHOIDES Evenhuis, 1983a: 206. Type species: *Bombylius byrrhus* Bowden, 1971, orig. des. [Preocc. Hippa, 1968.]
ERISTALOPSIS Evenhuis, 1985a: 289 (n. n. for *Syrphoides*).
byrrha Bowden, 1971c: 297 (*Bombylius*). Australia (WA).
robertsi Paramonov, 1934: 31 (*Bombylius*). Australia (Qld).
rubriventris Bigot, 1892b: 365 (*Bombylius*). Australia (NSW).

Genus EUSURBUS Roberts

EUSURBUS Roberts, 1929: 580. Type species: *Bombylius crassilabris* Macquart, 1855, orig. des.
altus Walker, 1849: 288 (*Bombylius*). Australia (WA). N. comb.
crassilabris Macquart, 1855: 97(77) (*Bombylius*). Australia (NSW).
pinguis Walker, 1849: 290 (*Bombylius*). Australia (WA). N. comb.

Genus LAURELLA Hull

LAURELLA Hull, 1971: 3. Type species: *Laurella auripila* Hull, 1971 [= *Dischistus formosus* Roberts, 1928], orig. des.
formosa Roberts, 1928b: 451 (*Dischistus*). Australia (Qld).
auripila Hull, 1971: 3. Australia (Qld). N. syn.
pallidiventris Roberts, 1928b: 452 (*Dischistus*). Australia (Tas). N. comb.

Genus MANDELLA Evenhuis

MANDELLA Evenhuis, 1983a: 207. Type species: *Systoechus albohirtus* Roberts, 1928, orig. des.
SYSTOECHUS, authors, not Loew, 1855, misid.
albohirta Roberts, 1928b: 422 (*Systoechus*). Australia (SA).
cinctiventris Roberts, 1928b: 424 (*Systoechus*). Australia (Qld).
flavovillosa Roberts, 1928b: 423 (*Systoechus*). Australia (Qld).
pallida Roberts, 1928b: 422 (*Systoechus*). Australia (Qld).
rubida Roberts, 1928b: 421 (*Systoechus*). Australia (Qld); Australia (NSW).

Genus MEOMYIA Evenhuis

MEOMYIA Evenhuis, 1983a: 210. Type species: *Bombylius platyurus* Walker, 1849 [= *Bombylius fasciculatus* Macquart, 1840], orig. des.
SYSTOECHUS, authors, not Loew, 1855, misid.
albiceps Macquart, 1848: 196(36) (*Bombylius*). "Nouvelle-Hollande"; Australia (NSW, Qld, Vic, WA).
callynthrophora Schiner, 1868: 137 (*Systoechus*). Australia (NSW); Australia (Qld).

- fasciculata** Macquart, 1840: 93 [1841: 371] (*Bombylius*). "Patrie inconnue" [= Australia (NSW)]; Australia (Qld, SA, Tas, Vic, WA). **N. comb.**
platyurus Walker, 1849: 286 (*Bombylius*). Australia (WA). **N. syn.**
crassus Walker, 1849: 287 (*Bombylius*). "New Holland." **N. syn.**
notatipennis Macquart, 1855: 98(78) (*Bombylius*). Australia (NSW). **N. syn.**
platyurus, error for *platyurus*.
pausaria Jaenicke, 1867: 348 (*Systoechus*). "Australia."
penicillata Macquart, 1850: 422(118) (*Bombylius*). Australia, "côte orientale."
punctipennis Thomson, 1869: 487 (*Bombylius*). Australia (NSW).
sericans Macquart, 1850: 420(116) (*Bombylius*). Australia, "côte orientale"; Australia (Qld, WA).
tetratracha Walker, 1849: 291 (*Bombylius*). Australia (WA). **N. comb.**
vetusta Walker, 1849: 286 (*Bombylius*). "New Holland." **N. comb.**

Genus PILOSIA Hull

- PILOSIA** Hull, 1973: 137. Type species: *Pilosia flavopilosa* Hull, 1973, mon.
flavopilosa Hull, 1973: 137. Australia (WA).
immutata Walker, 1849: 292 (*Bombylius*). Australia (WA). **N. comb.**

Genus SISYROMYIA White

- SISYROMYIA** White, 1916b: 192, 197. Type species: *Bombylius auratus* Walker, 1849, des. Bezzi, 1924a: 7.
BOMBYLIUS, authors, not Linnaeus, 1758, misid.
albavitta Macquart, 1850: 421(117) (*Bombylius*). Australia, "côte orientale"; Australia (NSW, Qld, WA).
albovitta, *albovittata*, errors for *albavitta*.
aurata Walker, 1849: 289 (*Bombylius*). Australia (Tas) & (WA); Australia (NSW, SA).
binghi Evenhuis, n. n. Australia (?NSW).
brevirostris Macquart, 1850: 423(119) (*Bombylius*). "Tasmanie", error [prob. = Australia (NSW)].
 [Preocc. Olivier, 1789.]
crassirostris Macquart, 1850: 423(117) (*Bombylius*). Australia, "côte orientale" [prob. = Australia (NSW)].
decorata Walker, 1849: 291 (*Bombylius*). Australia (WA).
eulabiata Bigot, 1892b: 366 (*Systoechus*). Australia (Tas).
limbata Bigot, 1892b: 369 (*Sparnopolius*). "Australie"; Australia (SA, WA).
lobalis Thomson, 1869: 487 (*Bombylius*). Australia (NSW).
loewii Jaenicke, 1867: 346 (*Bombylius*). "Australia."
pyncorrhyncha Thomson, 1869: 486 (*Bombylius*). Australia (NSW).
rutila Walker, 1849: 289 (*Bombylius*). Australia (NSW).
scutellaris Thomson, 1869: 480 (*Bombylius*). Australia (NSW).

Genus STAUROSTICHUS Hull

- STAUROSTICHUS** Hull, 1973: 76, 104. Type species: *Staurostichus chistoneura* Hull, 1973, orig. des.
BOMBYLIUS, authors, not Linnaeus, 1758, misid.
albicinctus Macquart, 1847a: 54 [1847b: 70] (*Bombylius*). Australia (Tas). **N. comb.**
alienus Hardy, 1942: 204 (*Bombylius*; n. n. for *pulchellus* Roberts). Australia (NSW). **N. comb.**
pulchellus Roberts, 1928b: 441 (*Bombylius*). Australia (NSW). [Preocc. Loew, 1863.]
chistoneura Hull, 1973: 104. Australia (Qld).
chrysendetus White, 1916b: 195 (*Bombylius*). Australia (Tas).
consobrinus Macquart, 1847a: 54 [1847b: 70] (*Bombylius*). "Nouvelle-Hollande" & Australia (Tas). **N. comb.**
dulcis Roberts, 1928b: 440 (*Bombylius*). Australia (Qld).
fuscanus Macquart, 1850: 423(119) (*Bombylius*). Australia (Tas); Australia (Vic). **N. comb.**

limbipennis Macquart, 1840: 96 [1841: 374] (*Bombylius*). "Patrie inconnue" [= Australia]; Australia (NSW). **N. comb.**

australianus Bigot, 1892b: 364 (*Bombylius*). Australia (NSW). **N. syn.**

matutinus Walker, 1849: 281 (*Bombylius*). "New Holland." **N. comb.**

proprius Roberts, 1928b: 436 (*Bombylius*). Australia (NSW).

sciotus Bowden, 1971c: 296 (*Bombylius*). Australia (Tas). **N. comb.**

tenuicornis Macquart, 1850: 423(116) (*Bombylius*). Australia (Tas). **N. comb.**

viduus Walker, 1852: 199 (*Bombylius*). Australia (Tas).

palliolutus White, 1916b: 194 (*Bombylius*). Australia (Tas). **N. syn.**

Unplaced species of Dischistini

aureolatus Walker, 1857: 145 (*Bombylius*). "Australia"; Australia (NSW, Qld).

australis Guérin-Méneville, 1831: pl. 20, fig. 4 [1838: 294] (*Bombylius*). Australia (NSW).

distinctus Walker, 1852: 201 (*Bombylius*). Australia (NSW & WA).

leucopygus Wulp, 1885c: 86 (*Systoechus*). Australia (SA).

nigracinctus Roberts, 1929: 581 (*Eusurbus*). Australia (WA).

nigrivinctus, error for *nigracinctus*.

primogenitus Walker, 1849: 292 (*Bombylius*). Australia (WA).

probellus Hardy, 1942: 204 (*Bombylius*; n. n. for *bellus* Roberts). Australia (NSW).

bellus Roberts, 1928b: 439 (*Bombylius*). Australia (NSW). [Preocc. Philippi, 1865.]

succandidus Roberts, 1928b: 438 (*Bombylius*). Australia (NSW).

tenuirostris Roberts, 1928b: 437 (*Bombylius*). Australia (Qld).

walkeri Evenhuis, 1978a: 101 (*Bombylius*; n. n. for *nanus* Walker). Australia (WA).

nanus Walker, 1849: 278 (*Bombylius*). Australia (WA). [Preocc. Meigen, 1838.]

Subfamily PHTHIRIINAE

Tribe PHTHIRIINI

Genus ACREOTRICHUS Macquart

ACREOTRICHUS Macquart, 1850: 425(121). Type species: *Acreotrichus gibbicornis* Macquart, 1850 [= *Bombylius antecedens* Walker, 1849], orig. des.

ACEOTRICHUS. Incorr. orig. spell. of *Acreotrichus* [Macquart, 1850: 315 (11)].

antecedens Walker, 1849: 293 (*Bombylius*). "Australia"; Australia (NSW, NT, WA).

gibbicornis Macquart, 1850: 425(121). Australia, "côte orientale."

fusicornis Macquart, 1850: 426(122). Australia, "côte orientale."

inappendiculatus Bigot, 1892b: 366. "Australie."

lineifer Walker, 1857: 146 (*Phthiria*). "Australia"; Australia (NSW). **N. comb.**

Genus AUSTRALIPHTHIRIA Evenhuis

AUSTRALIPHTHIRIA Evenhuis, 1986b: 8. Type species: *Phthiria hilaris* Walker, 1852, orig. des.

albocapita Roberts, 1929: 573 (*Phthiria*). Australia (WA); Australia (NT).

hilaris Walker, 1852: 194 (*Phthiria*). Australia (NSW); Australia (ACT).

pallipes Bigot, 1892b: 367 (*Phthiria*). "Australie."

Genus PYGOCONA Hull

PYGOCONA Hull, 1973: 195 (*Phthiria* subg.). Type species: *Phthiria flavicincta* Hull, 1973 [= *Phthiria flava* Hardy, 1933], orig. des.

flava Hardy, 1933b: 415 (*Phthiria*). Australia (Vic).

flavicincta Hull, 1973: 195, 199 (*Phthiria*). Not given [Australia]. **N. syn.**

nigrina Hardy, 1933b: 415 (*Phthiria*). Australia (Vic); Australia (NSW).

Subfamily ECLIMINAE

Genus MARMOSOMA White

MARMOSOMA White, 1916*b*: 184, 188. Type species: *Marmosoma sumptuosa* White, 1916, mon.
sumptuosum White, 1916*b*: 190. Australia (Tas) & (Vic).

Genus THEVENEMYIA Bigot

THEVENEMYIA Bigot, 1875*a*: 196 [1875*b*: clxxiv]. Type species: *Thevenemyia californica* Bigot, 1875, mon.

THEVENETIMYIA Bigot, 1892*b*: 339 (unjust. emend. of *Thevenemyia*).

ECLIMUS, authors, not Loew, 1844, misid.

australiensis Hall, 1969: 25. Australia (NSW).

furvicostata Roberts, 1929: 578 (*Eclimus*). Australia (Qld).

longipalpus Hardy, 1921*c*: 63 (*Eclimus*). Australia (NSW); Australia (WA).

mimula Hall, 1969: 61. Not given [Australia]; Australia (Qld).

nigrapicalis Roberts, 1929: 576 (*Eclimus*). Australia (Qld); Australia (ACT).

tenta Hall, 1969: 75. Australia (NSW); Australia (Qld).

Genus TILLYARDOMYIA Tonnoir

TILLYARDOMYIA Tonnoir, 1927: 101. Type species: *Tillyardomyia gracilis* Tonnoir, 1927, mon.
gracilis Tonnoir, 1927: 103. NZ (NZ).

Subfamily LOMATIINAE

Tribe COMPTOSIINI

Genus ALYOSIA Rondani

ALYOSIA Rondani, 1863: 54 [1864: 54]. Type species: *Comptosia maculipennis* Macquart, 1846 [= *Neuria ocellata* Newman, 1841], des. Becker, 1913*a*: 465.

ALEUCOSIA Edwards, 1934: 95. Type species: *Neuria corculum* Newman, 1841, orig. des.

CHELINA Hull, 1973: 306 (*Comptosia* subg.). Unavailable name; genus-group name proposed after 1930 without valid type-species designation (type species based on a *nomen nudum*).

PARAMONOVOMYIA Evenhuis, 1980: 329. Type species: *Paramonovomyia halli* Evenhuis, 1980, orig. des. **N. syn.**

angusta Edwards, 1934: 100 (*Comptosia*). Australia (WA).

anthracina Thomson, 1869: 485 (*Comptosia*). Australia (NSW).

apicalis Macquart, 1848: 195(35) (*Comptosia*). "Nouvelle-Hollande."

australensis Schiner, 1868: 129 (*Lomatia*). Australia (NSW).

australica Evenhuis, **n. n.** Australia (WA).

australensis Evenhuis, 1980: 332 (*Paramonovomyia*). Australia (WA). [Preocc. Schiner, 1868.]

calophthalma Thomson, 1869: 129 (*Comptosia*). Australia (NSW). **N. comb.**

cincta Edwards, 1934: 99 (*Comptosia*). Australia (WA). **N. comb.**

corculum Newman, 1841: 221 (*Neuria*). Australia (WA).

costalis Edwards, 1934: 99 (*Comptosia*). Australia (Qld). **N. comb.**

cuneata Edwards, 1934: 100 (*Comptosia*). Australia"; Australia (WA). **N. comb.**

dorsalis Walker, 1849: 269 (*Anthrax*). "New Holland."

fulvipes Bigot, 1892*b*: 359 (*Comptosia*). "Australie."

gemina Hardy, 1941: 228 (*Comptosia*; **n. n.** for *cognata* Walker). Australia (WA).

cognata Walker, 1852: 177 (*Anthrax*). Australia (WA). [Preocc. Walker, 1849.]

- geometrica** Macquart, 1847a: 53 [1847b: 69] (*Comptosia*). Australia (Tas).
obscura Walker, 1852: 176 (*Anthrax*). Australia (Tas). [Preocc. Weber, 1801.]
- halli** Evenhuis, 1980: 329 (*Paramonovomyia*). Australia (WA). **N. comb.**
norrissi Hull, 1973: 306. *Nomen nudum*.
- hemiteles** Schiner, 1868: 132 (*Neuria*). Australia (NSW).
- inclusa** Walker, 1849: 268 (*Anthrax*). Australia (Tas).
- macfarlandi** Evenhuis, 1980: 332 (*Paramonovomyia*). Australia (WA). **N. comb.**
- maculipennis** Macquart, 1846: 244(116) (*Comptosia*). Australia (Tas).
- maculosa** Newman, 1841: 221 (*Neuria*). Australia (WA).
- moretonii** Macquart, 1855: 95(75) (*Comptosia*). Australia (NSW); NZ (NZ) [introduced; not established; see Evenhuis, 1986c: 7.]
- ocellata** Newman, 1841: 221 (*Neuria*). Australia (Tas).
- partita** Newman, 1841: 221 (*Neuria*). Australia (WA).
- plena** Walker, 1849: 270 (*Anthrax*). Australia (WA).
- prosimplex** Hardy, 1942: 203 (*Villa*; n. n. for *simplex* Macquart). Australia (Tas). **N. comb.**
simplex Macquart, 1847a: 52 [1847b: 68] (*Anthrax*). Australia (Tas). [Preocc. Wiedemann, 1819.]
- serpentigera** Walker, 1849: 270 (*Anthrax*). Australia (WA).
- sobricula** Walker, 1857: 144 (*Anthrax*). "Australia."
sorbicula, error for *sobricula*.
- tricellata** Macquart, 1847a: 53 [1847b: 69] (*Comptosia*). Australia (Tas).
- tripunctata** Edwards, 1934: 98 (*Comptosia*). Australia (Tas).
- walkeri** Edwards, 1934: 94 (*Comptosia*). Not given [Australia].
- wilkinsi** Edwards, 1934: 94 (*Comptosia*). Australia (NT).

Genus COMPTOSIA Macquart

- COMPTOSIA** Macquart, 1840: 80 [1841: 358]. Type species: *Comptosia fascipennis* Macquart, 1840, mon.
- NEURIA** Newman, 1841: 220. Type species: *Neuria lateralis* Newman, 1841, des. Hardy, 1921c: 54. [Preocc. Guenée 1841.]
- EPIDOSIA** Hull, 1973: 306 (*Comptosia* subg.). Type species: *Comptosia vittata* Edwards, 1934, orig. des. **N. syn.**
- OPSONIA** Hull, 1973: 306 (*Comptosia* subg.). Type species: *Comptosia fenestrata* Hull, 1973, orig. des. **N. syn.**
- PARADOSIA** Hull, 1973: 306 (*Comptosia* subg.). Type species: *Comptosia duofasciata* Hull, 1973, orig. des. **N. syn.**
- LIGYRA**, authors, not Newman, 1841, misid.
- EPIDOSINA**, error for *Epidosia*.
- aurifrons** Macquart, 1850: 417(113). Australia, "côte orientale."
- bancrofti** Edwards, 1934: 92. Australia (Qld).
- basalis** Walker, 1849: 267 (*Anthrax*). "New Holland" & Australia (WA).
- bicolor** Macquart, 1850: 418 (114). Australia, "côte orientale."
- biguttata** Edwards, 1934: 93. Australia (Qld).
- brunnea** Edwards, 1934: 90. Australia (SA).
- decedens** Walker, 1849: 271 (*Anthrax*). Australia (WA).
- ducens** Walker, 1852: 176 (*Anthrax*). Australia (NSW).
- duofasciata** Hull, 1973: 306. Not given [Australia].
- edwardsi** Hardy, 1941: 227. Australia (Qld).
praeargentata, Edwards, 1934, not Macleay, 1826, misid.
- extensa** Walker, 1835a: 473 (*Anthrax*). Australia (WA).
- fascipennis** Macquart, 1840: 81 [1841: 359]. "Monte Video," error [Australia]; Australia (NSW).
albofasciata Thomson, 1869: 484. Australia (NSW).
- fenestrata** Hull, 1973: 306. Not given [Australia].
- grandis** Schiner, 1868: 132 (*Neuria*). Australia (NSW).

- insignis** Walker, 1849: 266 (*Anthrax*). "New Holland."
lateralis Newman, 1841: 220 (*Neuria*). Australia (NSW).
murina Newman, 1841: 221 (*Neuria*). Australia (SA).
nigrescens Newman, 1841: 221 (*Neuria*). Australia (NSW).
 ?*fasciata* Fabricius, 1805: 118 (*Anthrax*). "Insulis oceani pacifica." [Preocc. Meigen, 1804.]
nigroscutellata Jaennicke, 1867: 345. "Australia."
praeargentata Macleay, 1826: 468 (*Anthrax*). Not given [Australia].
quadripennis Walker, 1849: 268 (*Anthrax*). "Australia."
rubrifera Bigot, 1881c: 23 (*Lygira*). "Australia."
sobria Walker, 1849: 269 (*Anthrax*). "Australia."
stria Walker, 1849: 267 (*Anthrax*). "Australia."
subsenex Walker, 1857: 144 (*Anthrax*). "Australia."
sylvana Fabricius, 1775: 758 (*Bibio*). "nova Hollandia" [= Australia (Qld); see Musgrave, 1932: 54].
 N. comb.
tendens Walker, 1849: 271 (*Anthrax*). "New Holland" & Australia (WA).
vittata Edwards, 1934: 89. Australia (Vic); Australia (SA).

Genus DODDOSIA Edwards

- DODDOSIA** Edwards, 1934: 103. Type species: *Doddosia picta* Edwards, 1934, orig. des.
picta Edwards, 1934: 103. Australia (Qld).

Genus ONCODOSIA Edwards

- ONCODOSIA** Edwards, 1934: 101. Type species: *Anthrax patula* Walker, 1849, orig. des.
ampla Walker, 1852: 185 (*Anthrax*). Australia (WA).
patula Walker, 1849: 273 (*Anthrax*). "New Holland" & Australia (WA); Australia (Vic, SA).
plana Walker, 1849: 272 (*Anthrax*). "New Holland" & Australia (WA).
triangularis Yeates, 1988: 516. Australia (Vic); Australia (SA).

Tribe MYONEMATINI

Genus DOCIDOMYIA White

- DOCIDOMYIA** White, 1916b: 200, 203. Type species: *Docidomyia puellaris* White, 1916, mon.
froggatti Paramonov, 1951a: 748. Australia (NSW).
norrisi Paramonov, 1951a: 748. Australia (WA).
puellaris White, 1916b: 204. Australia (Tas) & (Vic).
swani Paramonov, 1951a: 750. Australia (SA).
victoriana Paramonov, 1951a: 749. Australia (Vic).

Genus MYONEMA Roberts

- MYONEMA** Roberts, 1929: 563. Type species: *Myonema humile* Roberts, 1929, orig. des.
humile Roberts, 1929: 564. Australia (Qld).

Subfamily ANTONIINAE

Genus ANTONIA Loew

- ANTONIA** Loew, 1856: 30. Type species: *Antonia suavissima* Loew, 1856, mon.
DIMORPHAPHUS Walker, 1871: 255. *Nomen nudum*.
DIMORPHOPHORA Walker, 1871: 272. Type species: *Dimorphophora syrphoides* Walker, 1871 [= *Antonia suavissima* Loew, 1856], mon.
 Undetermined sp. — Australia (NT).

Genus ANTONIAUSTRALIA Becker

ANTONIAUSTRALIA Becker, 1913a: 458. Type species: *Antoniaustralia hermanni* Becker, 1913, orig. des.

decorata Paramonov, 1950d: 532 (*Antonia*). Not given [Australia]. **N. comb.**

hermanni Becker, 1913a: 458. "Australien" [= Australia (NT)].

rieki Paramonov, 1953c: 204 (*Antonia*). Australia (NSW). **N. comb.**

roddi Paramonov, 1950d: 530 (*Antonia*). Australia (NSW). **N. comb.**

Subfamily CYLLENIINAE**Tribe ENICINI****Genus NEOSARDUS Roberts**

NEOSARDUS Roberts, 1929: 560. Type species: *Neosardus principius* Roberts, 1929, orig. des.

circumdatus Roberts, 1929: 561. Australia (NSW).

lepidus Roberts, 1929: 561. Australia (NSW).

nigratus Roberts, 1929: 563. Australia (WA).

paramonovi Hull, 1973: 300. Australia (WA).

principius Roberts, 1929: 562. Australia (Qld).

Tribe TOMOMYZINI**Genus PARACOSMUS Osten Sacken**

ALLOCOTUS Loew, 1872a: 82 [1872b: 258]. Type species: *Allocotus edwardsii* Loew, 1872, mon. [Preocc. Fischer von Waldheim, 1838.]

PARACOSMUS Osten Sacken, 1877: 262 (n. n. for *Allocotus*).

Undetermined sp. — Australia (NT, WA).

Subfamily ANTHRACINAE**Tribe ANTHRACINI****Genus ANTHRAX Scopoli**

ANTHRAX Scopoli, 1763: 358. Type species: *Musca morio* Linnaeus, 1758 [misid., = *Musca anthrax* Schrank, 1781], mon.

arcus de Meijere, 1913b: 322 (*Argyramoeba*). Indonesia (Irian Jaya). **N. comb.**

angularis Thomson, 1869: 482. Australia (NSW); Australia (NT, Qld, SA, WA).

argyropyga Doleschall, 1857: 401. Indonesia (Maluku). [Preocc. Wiedemann, 1828; no n. n. proposed at this time.]

australis Walker, 1852: 193. Australia (WA).

coeruleopennis Doleschall, 1857: 400. Indonesia (Maluku); ?PNG (PNG).

caeruleopennis, error for *coeruleopennis*.

confluensis Roberts, 1928: 139. Australia (Qld).

diana Walker, 1849: 252. Not given [= Australia (WA)].

distigma Wiedemann, 1828: 309. Indonesia (Java); Indonesia (Maluku), PNG (PNG).

emissa Walker, 1864: 233. Indonesia (Maluku); PNG (PNG).

emittens Walker, 1860b: 148. Indonesia (Maluku).

incisus Macquart, 1847a: 52 [1847b: 68]. Australia (Tas); Australia (NSW, Qld, SA).

- incomptus** Walker, 1849: 253. Australia (WA); Australia (NSW, Qld, SA), ?PNG (Bismarck Arch), Vanuatu; Christmas I (Indian Ocean).
semimacula Walker, 1849: 254. "New Holland."
koshunensis Matsumura, 1916: 282. Taiwan; Bonin Is, Hawaiian Is [introduced]; Japan.
lepidiotus Roberts, 1928a: 138. Australia (Qld).
maculatus Macquart, 1846: 240(112). Australia (Tas); Australia (NSW, Qld, SA, Vic, WA).
melaniscus Wulp, 1885c: 84. Indonesia (Java); PNG (PNG).
semiscitus Walker, 1857: 118. Malaysia (Sarawak); ?French Polynesia (Society Is), Indonesia (Irian Jaya), PNG (Bismarck Arch, Bougainville I, PNG), Solomon Is; Indonesia (Sulawesi).
tripunctata Wulp, 1869: 109. Indonesia (Irian Jaya). [Preocc. Wiedemann, 1820.] **N. syn.**
succedens Walker, 1852: 192. Not given [unknown].

Genus BRACHYANAX Evenhuis

- BRACHYANAX** Evenhuis, 1981: 190. Type species: *Brachyanax thelestrephones* Evenhuis, 1981, orig. des. **HEMIPENTHES**, authors, not Loew, 1869, misid.
ater Roberts, 1928a: 140 (*Anthrax*). Australia (Qld); Indonesia (Nusa Tenggara).
australianus Evenhuis, 1981: 197. Australia (Qld).
aterrimus Doleschall, 1858: 93 (*Anthrax*). Indonesia (Maluku); PNG (Bismarck Arch, PNG), Solomon Is; Indonesia (Sulawesi), Japan, Philippines.
proferens Walker, 1859c: 113 (*Anthrax*). Indonesia (Sulawesi).
oceanicus Evenhuis, 1981: 197. Solomon Is.
papuanus Evenhuis, 1981: 198. PNG (PNG).
chichijimensis Evenhuis, 1981: 195. Bonin Is.
leucostigma Wulp, 1898a: 419 (*Anthrax*; n. n. for *terminalis* Wulp). Indonesia (Maluku); PNG (PNG).
terminalis Wulp, 1869: 108 (*Anthrax*). Indonesia (Maluku). [Preocc. Wiedemann, 1830.]
magnipennis Evenhuis, 1981: 195. Solomon Is.
satellitius Walker, 1857: 119 (*Anthrax*). Malaysia (Sarawak); Indonesia (Maluku); Indonesia (Kalimantan), Malaysia (Pen, Sabah). **N. comb.**
satellita, error for *satellitius*.

Unplaced species of Anthracini

- boninensis** Matsumura, 1916: 284 (*Agryramoeba*). Bonin Is.
proconcisus Hardy, 1942: 203 (*Villa*; n. n. for *concisus* Macquart). Australia, "côte orientale"; Australia (NSW, Qld).
concisus Macquart, 1850: 415(111) (*Anthrax*). Australia "côte orientale." [Preocc. Macquart, 1840.]

Tribe APHOEBANTINI

Genus DESMATONEURA Williston

- DESMATONEURA** Williston, 1895: 267. Type species: *Desmatoneura argentifrons* Williston, 1895, mon. Undetermined sp. — Australia (WA).

Genus PETROROSSIA Bezzi

- PETROROSSIA** Bezzi, 1908a: 35. Type species: *Bibio hesperus* Rossi, 1790, orig. des. **PETROSSIA**, error for *Petrorossia*.
angustata Doleschall, 1858: 93 (*Anthrax*). Indonesia (Maluku); Indonesia (Sulawesi). **N. comb.**
fulvula Wiedemann, 1821b: 148 (*Anthrax*). Indonesia (Java); ?Australia, Indonesia (Maluku), ?PNG (PNG); Indonesia (Kalimantan, Sulawesi), Malaysia (Pen, Sabah, Sarawak), Singapore.
degenera Walker, 1856a: 15 (*Anthrax*). Singapore.
fulunla, error for *fulvula*.

fulunla, error for *fulvula*.
oceanica Bowden, 1971d: 313. PNG (Bismarck Arch).

Tribe EXOPROSOPINI

Genus CHRYSANTHRAX Osten Sacken

CHRYSANTHRAX Osten Sacken, 1886: 121 (as *Anthrax* "group"). Type species: *Anthrax fulvohirta* Wiedemann, 1821 [= *Anthrax cypris* Meigen, 1820], des. Coquillett, 1910: 523.
 Undetermined sp. – Marshall Is.

Genus EXHYALANTHRAX Becker

EXHYALANTHRAX Becker, 1916a: 44 (*Villa* subg.). Type species: *Anthrax vagans* Loew, 1862, des. Bezzi, 1924a: 7.
afer Fabricius – not Australasian/Oceanian.
ogasawarensis Matsumura, 1916: 281 (*Anthrax*). Bonin Is.

Genus EXOPROSOPA Macquart

EXOPROSOPA Macquart, 1840: 35 [1841: 313]. Type species: *Bibio capucina* Fabricius, 1782, des. Rondani, 1856: 162. [Application to I.C.Z.N. in preparation to set aside an earlier type designation by Desmarest in d'Orbigny, 1845a: 545, which would place *Exoprosopa* in synonymy with *Ligyra*.]
adelaidica Macquart, 1855: 90(70). Australia (SA); Australia (Qld, Tas, WA).
bicellata Macquart, 1847a: 51 [1847b: 61]. Australia (Tas).
dimidiatipennis Bowden, 1971b: 64 (n. n. for *dimidiata* Roberts). Australia (NT).
dimidiata Roberts, 1928a: 109. Australia (NT). [Preocc. Macquart, 1846.]
latelimbata Bigot, 1892b: 346. "Australie."
marginicollis Gray in Griffith & Pidgeon, 1832: 780 (*Anthrax*). Not given [Australia]; Australia (Qld, WA).
obliquebifasciata Macquart, 1850: 411(107). Australia (Tas).
obliquefasciata, error for *obliquebifasciata*.
stellifera Walker, 1849: 244 (*Anthrax*). "New Holland" & Australia (WA).

Genus LEPIDANTHRAX Osten Sacken

LEPIDANTHRAX Osten Sacken, 1886: 107. Type species: *Anthrax disjunctus* Wiedemann, 1830, des. Coquillett, 1910: 559.
albifrons Roberts, 1928a: 131. Australia (SA).
linguatus Roberts, 1928a: 130. Australia (Qld).

Genus LIGYRA Newman

LIGYRA Newman, 1841: 220. Type species: *Anthrax bombyliiformis* Macleay, 1826, mon.
LYGIRA, error for *Ligyra*.
HYPERALONIA, authors, not Rondani, 1863, misid.
alea Bowden, 1971d: 321. PNG (Bismarck Arch).
audouinii Macquart, 1840: 36 [1841: 314] (*Exoprosopa*). "Indes orientales"; Indonesia (Irian Jaya, Maluku); China, Indonesia (Java, Sulawesi), Philippines, Taiwan.
albicincta Macquart, 1840: 48 [1841: 316] (*Exoprosopa*). China. N. syn.
formosana Paramonov, 1931: 195 (*Hyperalonia*). Taiwan.
macassarensis Paramonov, 1931: 198 (*Hyperalonia*). Indonesia (Sulawesi).
bombyliiformis Macleay, 1826: 468 (*Anthrax*). Australia (NSW); Australia (NT, Qld, WA).
albiventris Thomson, 1869: 480 (*Exoprosopa*). Australia (NSW).

- bombiliformis*, *bombyliiformis*, errors for *bombyliiformis*.
- burnsi** Paramonov, 1967: 143. Australia (NSW).
- calabyana** Paramonov, 1967: 136. Australia (WA); Australia (NT).
- campbelli** Paramonov, 1967: 139. Australia (NT).
- chinnicki** Paramonov, 1967: 138. Australia (SA); Australia (NSW, Vic).
- cingulata** Wulp, 1885b: 62 (*Exoprosopa*). Australia (SA); Australia (NSW, NT, Qld, WA).
incomplete Paramonov, 1967: 141 (*cingulata* var.). [Unavailable name; varietal name proposed after 1960.]
- commoni** Paramonov, 1967: 134. Australia (Qld).
- cruciata** Bowden, 1971a: 11. PNG (PNG).
- dentata** Roberts, 1928a: 102 (*Hyperalonia*). Australia (Vic).
- devecta** Walker, 1860b: 148 (*Anthrax*). Indonesia (Maluku). **N. comb.**
delecta, error for *devecta*.
- doryca** Boisduval, 1835: 665 (*Anthrax*). Indonesia (Maluku); Australia (NSW, Qld), Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, Bougainville I, PNG), Solomon Is; Indonesia (Java, Timor).
pelops Walker, 1858b: 90 (*Anthrax*). Indonesia (Maluku). **N. syn.**
- eyreana** Paramonov, 1967: 136. Australia (SA).
- fasciata** Paramonov, 1967: 135. Australia (Qld).
- flaviventris** Doleschall, 1857: 400 (*Anthrax*). Indonesia (Maluku). **N. comb.**
- flavotomentosa** de Meijere, 1929a: 386 [1929b: 416] (*Hyperalonia*). Indonesia (Maluku). **N. comb.**
- fuscipennis** Macquart, 1848: 193(33) (*Exoprosopa*). Indonesia (Java); "Australia," PNG (PNG); "Borneo," Cambodia, China, ?India, Indonesia (Java, Sulawesi, Sumatra), Malaysia (Pen), ?Nepal.
confirmata Walker, 1861d: 283 (*Anthrax*). Indonesia (Maluku). **N. syn.**
chrysolampis Jaennicke, 1867: 344 (*Hyperalonia*). Indonesia (Java). **N. syn.**
tantalus, authors, not Fabricius, 1794, misid.
- hemifusca** Roberts, 1928a: 97 (*Hyperalonia*). Australia (Qld); Australia (NT, WA).
- inquinata** Roberts, 1928a: 103 (*Hyperalonia*). Australia (Qld); Australia (NSW).
- leptyna** Bowden, 1971a: 12. PNG (Bougainville I).
- leuconoe** Jaennicke, 1867: 345 (*Exoprosopa*). Indonesia (Maluku). **N. comb.**
- nigrocostalis** Guérin-Méneville, 1838: 295 (*Anthrax*). Indonesia (Maluku) **N. comb.**
- ochracea** Bowden, 1971a: 10. PNG (PNG).
- orest** Paramonov, 1967: 134. Australia (Qld); Australia (NT).
- pilad** Paramonov, 1967: 143. Australia (WA).
- punctipennis** Macquart, 1850: 410(106) (*Exoprosopa*). Australia, "côte orientale"; widesp. Australia.
contrastata Paramonov, 1967: 133. Australia (NSW).
- robertsi** Paramonov, 1967: 132. Australia (WA); Australia (NSW, NT, Qld).
- satyrus** Fabricius, 1775: 758 (*Bibio*). "nova Hollandia" [= Australia (Qld); see Musgrave, 1932: 54]; widesp. Australia, Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, Bougainville I, PNG); ?China, Indonesia (Timor).
funesta Walker, 1849: 242 (*Anthrax*). Australia (NT).
insignis Macquart, 1855: 93(73) (*Exoprosopa*). Australia (Qld).
- septentrionis** Roberts, 1928a: 103 (*Hyperalonia*). Australia (Qld); Australia (NT, WA).
- sinuatifascia** Macquart, 1855: 92(72) (*Exoprosopa*). Australia (NSW); Australia (ACT, SA, Vic, WA).
macraspis Thomson, 1869: 479 (*Exoprosopa*). Australia (NSW).
argenticincta Bigot, 1892b: 343 (*Hyperalonia*). Australia (NSW).
- tantalus* Fabricius – not Australasian/Oceanian.
- tenebrosa** Paramonov, 1967: 132. Australia (Qld).
- unicincta** Guérin-Méneville, 1831: pl. 20, fig. 9 [1838: 294] (*Anthrax*). Indonesia (Maluku). **N. comb.**
- ventrimacula** Doleschall, 1857: 399 (*Anthrax*). Indonesia (Maluku).

Genus LITORHINA Bowden

LITOMYZA Hull, 1973: 426. *Nomen nudum*.

LITORHINA Bowden, 1975: 314. Type species: *Litorhynchus corticeus* Bezzi, 1924, orig. des.

LITORHYNCHUS, authors, not Macquart, 1840, misid.

collaris Wiedemann – not Australasian/Oceanian.

lar Fabricius, 1782: 414 (*Bibio*). India; ?Australia (WA); Sri Lanka. **N. comb.**

Genus PSEUDOPENTHES Roberts

PSEUDOPENTHES Roberts, 1928a: 132. Type species: *Pseudopenthes fenestrata* Roberts, 1928, orig. des.

fenestrata Roberts, 1928a: 133. Australia (Qld).

Genus PTEROBATES Bezzi

PTEROBATES Bezzi, 1921b: 130 (*Exoprosopa* subg.). Type species: *Anthrax apicalis* Wiedemann, 1821, mon.

pennipes Wiedemann, 1821b: 129 (*Anthrax*). Indonesia (Java); Indonesia (Maluku); China, Hong Kong, India, Macau, Malaysia (Sabah), Philippines. **N. comb.**

Genus VILLA Lioy

VILLA Lioy, 1864a: 732. Type species: *Anthrax concinnus* Meigen, 1820 [= *Anthrax abbadon* Fabricius, 1794], des. Coquillett, 1910: 619.

ANTHRAX, authors, not Scopoli, 1763, misid.

abeilla Hull, 1973: 374 (n. n. for *antecedens* Walker). Indonesia (Sulawesi); Indonesia (Maluku); Philippines.

antecedens Walker, 1859c: 111 (*Anthrax*). Indonesia (Sulawesi). [Preocc. Walker, 1852.]

albata Roberts, 1928a: 124. Australia (WA).

apicifera Walker, 1865b: 111 (*Anthrax*). “New Guinea” [= Indonesia (Irian Jaya)].

argentipennis White, 1916b: 212 (*Anthrax*). Australia (Tas).

brunea Roberts, 1928a: 118. Australia (NSW).

commista Macquart, 1850: 413(109) (*Anthrax*). Australia, “côte orientale” [prob. = Australia (NSW)].

consimilis Thomson, 1869: 481 (*Anthrax*). Australia (NSW).

flaveola Macquart, 1850: 413(109) (*Anthrax*). Australia, “côte orientale” [prob. = Australia (NSW)].

fumea Roberts, 1928a: 127. Australia (NSW).

fuscicostata Macquart, 1846: 239(111) (*Anthrax*). Australia (Tas); Australia (NSW, Vic).

marginata Walker, 1852: 178 (*Anthrax*). Australia (Tas).

lipposa Bigot, 1892b: 353 (*Glossista*). Australia (NSW). **N. comb.**

macquarti Evenhuis, n. n. Australia (NSW); ?New Caledonia (New Caledonia).

basalis Macquart, 1855: 95(75) (*Anthrax*). Australia (NSW). [Preocc. Walker, 1849.]

minor Macquart, 1850: 415(111) (*Anthrax*). Australia (Tas); ?New Caledonia (New Caledonia).

pellucida Walker, 1852: 182 (*Anthrax*). Australia (Tas).

pretendens Walker, 1859c: 111 (*Anthrax*). Indonesia (Sulawesi); Indonesia (Irian Jaya, Maluku), PNG (PNG).

praetendens, error for *pretendens*.

quinqueguttata Roberts, 1928a: 126. Australia (NSW).

rava Roberts, 1928a: 125. Australia (Qld).

resurgens Walker, 1849: 259 (*Anthrax*). Australia (WA).

subannula Walker, 1849: 261 (*Anthrax*). Not given [unknown]. **N. comb.**

subobscura Hardy, 1942: 203 (*Anthrax*; n. n. for *obscura* Macquart). Australia (Tas).

obscura Macquart, 1846: 240(112) (*Anthrax*). Australia (Tas). [Preocc. Weber, 1801.]

trivincula Roberts, 1928a: 119. Australia (Qld); Australia (NSW), Lord Howe I.

troglogyta Fabricius, 1794: 759 (*Bibio*). Indonesia (Maluku); PNG (PNG).

velox White, 1916b: 211 (*Anthrax*). Australia (Tas).

vitrea Walker, 1852: 181 (*Anthrax*). Australia (WA).

zonipennis Evenhuis, 1978b: 247 (n. n. for *varipennis* Roberts). Australia (NSW).

varipennis Roberts, 1928a: 121. Australia (NSW). [Preocc. Macquart, 1850.]

Nomen nudum in Villa Liroy

tasmanica Hardy, 1924a: 76 (*Anthrax*).

Unplaced species of Exoprosopini

albirufus Walker, 1857: 143 (*Anthrax*). "Australia."

alternans Macquart, 1850: 414(110) (*Anthrax*). Australia (Tas).

alternus Walker, 1849: 261 (*Anthrax*). "New Holland"; Australia (Tas).

nigricostata Macquart, 1850: 415(111) (*Anthrax*). Australia (Tas); Australia (NSW, SA, Vic).

nigricosta, error for *nigricostata*.

Unplaced genus of Bombyliidae

Genus ANTHOCOLON Hull, n. stat.

ANTHOCOLON Hull, 1973: 307 (*Comptosia* subg.). Type species: *Comptosia casimira* Hull, 1973, orig. des.

casimirum Hull, 1973: 307 (*Comptosia*). Not given [Australia]. **N. comb.**