

64. Family PLATYSTOMATIDAE

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Platystomatidae is one of the largest families of acalyptrate Diptera and contains some of the most morphologically bizarre forms in all of Diptera. Over 1,000 species have been described, of which 408 are recorded from the Australasian/Oceanian Regions, compared with 259 from the Oriental, 235 from the Afrotropical, 77 from the Palearctic, 41 from the Nearctic, and 29 from the Neotropical. It is highly certain that the center of distribution of the family is the Old World tropics. Four of the 5 subfamilies recognized by McAlpine (1973) are found in the regions covered here, of which Angitulinae is indigenous to the Papuan Subregion and possibly occurs in Samoa (D.K. McAlpine, *in litt.*).

Adults have been recorded by McAlpine (1973) as attracted to flowers, decaying fruit, excrement, and decomposing snails. They are often found on tree trunks. Males often wave their wings in display in courtship behavior. Immatures are found on fresh and decaying vegetation, carrion, human corpses, and root nodules of legumes. The larva of an Australian species of the genus *Euprosopia* has been observed eating a coleopterous pupa, the larvae of *Elassogaster linearis* (as *sepsoides*) have been recorded attacking egg pods of *Locusta migratoria* in the Philippines and Papua New Guinea, and

Trigonosoma decorum (de Meijere) has been recorded feeding on human lesions (Steyskal 1971b).

Hendel's (1914d,e) works on the genera of this family remain standards although they are extremely outdated. Because new species and genera are described and many other genera have their type species designated in these 2 works, their exact dating is of extreme nomenclatural importance. The dating has been confused over the years, most likely because of the date printed on page 179 of the *Genera Insectorum* publication "Wien, 15 April, 1914," which is the date on which Hendel completed the manuscript. If it were the date of publication, it would pre-date the publication of the monograph in *Abh. Zool.-Bot. Ges. Wien*, volume 8, which was issued on "15 Juni 1914." The British Museum (Natural History) has a copy of Hendel's *Genera Insectorum* fascicle with a receipt date of "20 June 1914" stamped on the cover. Until the issue date of the *Genera Insectorum* can be verified with certainty, I follow Steyskal (1977d) in considering the *Abhandlungen* version as pre-dating the *Genera Insectorum* work.

Refs.: Lower (1970, cat. Australasian/Oceanian spp.), Steyskal (1971b, key, biol., *Trigonosoma*; 1977d, cat. Oriental spp.), McAlpine (1973, rev. Australian spp.; 1982a, PNG taxa), Ferrar (1987, immat.).

Subfamily PLASTOTEPHRITINAE

Genus ATOPOGNATHUS Bigot

- ATOPOGNATHUS** Bigot, 1881a: 47 [1881d: 24]. Type species: *Atopognathus platypalpus* Bigot, 1881, mon.
- DASIORTALIS** de Meijere, 1913b: 378. Type species: *Ortalis contigua* Walker, 1865 [= *Ortalis complens* Walker, 1859], mon.
- DASYORTALIS** Hendel, 1914d: 11, 277 [1914e: 129]. Type species: *Ortalis complens* Walker, 1859, orig. des.
- LASIOPSILA** Curran, 1936: 54. Type species: *Lasiopsila fasciata* Curran, 1936, orig. des.
- angustifrons** Hendel, 1914d: 279 (*Dasyortalis*). PNG (PNG).
- barbatus** Hendel, 1914d: 279 (*Dasyortalis*). PNG (PNG).
- complens** Walker, 1859a: 118 (*Ortalis*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (Bismarck Arch, PNG), Solomon Is.
- ssp. **complens** s. str. Indonesia (Maluku); Indonesia (Irian Jaya). PNG (PNG).

- contigua* Walker, 1865b: 123 (*Ortalis*). "New Guinea" [= Indonesia (Irian Jaya)].
 ssp. *fasciatus* Curran, 1936: 54 (*Lasiopsila*; as sp.). Solomon Is; PNG (Bismarck Arch).
 ssp. *separatus* Malloch, 1939b: 103 (*complens* var.). Indonesia (Irian Jaya). **N. stat.**
goniceps Hendel, 1914d: 281 (*Dasyortalis*). PNG (PNG).
leucomerus Walker, 1864: 219 (*Ortalis*). Indonesia (Maluku).
platypalpus Bigot, 1881a: 47 [1881d: 24]. Indonesia (Maluku).
significies Walker, 1860b: 165 (*Trypeta*). Indonesia (Maluku).
tarsalis Walker, 1861d: 296 (*Ortalis*). Indonesia (Maluku).

Genus CHAETORIVELLIA de Meijere

- CHAETORIVELLIA** de Meijere, 1913b: 376. Type species: *Ortalis trifasciata* Doleschall, 1858, mon.
trifasciata Doleschall, 1858: 121 (*Ortalis*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
punctifascia Walker, 1861e: 15 (*Ortalis*). Indonesia (Maluku).

Genus GUAMOMYIA Malloch

- GUAMOMYIA** Malloch, 1942: 206. Type species: *Guamomyia fascipennis* Malloch, 1942, orig. des.
fascipennis Malloch, 1942: 207. Guam.

Genus LASIOXIRIA Hendel

- LASIOXIRIA** Hendel, 1914d: 28 [1914e: 37]. Type species: *Lasioxiria hirsuta* Hendel, 1914, orig. des.
hirsuta Hendel, 1914d: 28. PNG (PNG).

Subfamily SCHOLASTINAE

Genus ASYNTONA Osten Sacken

- ASYNTONA** Osten Sacken, 1881d: c. Type species: *Asyntona doleschalli* Osten Sacken, 1881, mon.
doleschalli Osten Sacken, 1881d: c. Indonesia (Maluku).
flaviceps Hendel, 1914d: 291. PNG (PNG); Solomon Is.
paradoxa de Meijere, 1908a: 124. Indonesia (Irian Jaya); Australia (Qld), PNG (PNG).
tetyroides Walker, 1859a: 112 (*Lamprogaster*). Indonesia (Maluku).

Genus LENOPHILA Guérin-Ménéville

- LENOPHILA** Guérin-Ménéville, 1843a: 200. Type species: *Ceratitis dentipes* Guérin-Ménéville, 1843, orig. des.
CELETOR Loew, 1873b: 41. Type species: *Tephritis strigipennis* Macquart, 1851 [= *Ortalis dentipes* Guérin-Ménéville, 1843], des. Hendel, 1914e: 113. [Type-species designation fixed under Code Art. 69a(v).]
achilles McAlpine & Kim, 1977: 315. Australia (NSW); Australia (Qld, SA, Vic).
coerulea Macquart, 1846: 340(212) (*Tephritis*). Australia (NSW); Australia (Qld, Vic).
cluana Walker, 1849: 1019 (*Trypeta*). "New Holland."
caerulea, error for *coerulea*.
danielsi McAlpine & Kim, 1977: 318. Australia (NSW).
dentipes Guérin-Ménéville, 1843a: 200 (*Ceratitis*). Australia (NSW).
dentipes Macquart, 1843: 367(210) (*Ortalis*). Australia (NSW). [Preocc. Guérin-Ménéville, 1843.] **N. syn.**
strigipennis Macquart, 1851: 263(290) (*Tephritis*). Australia, "côte orientale."
nila McAlpine & Kim, 1977: 320. Australia (WA); Australia (SA, Vic).
secta McAlpine & Kim, 1977: 316. Australia (Qld); Australia (NSW).

Genus NAUPODA Osten Sacken

NAUPODA Osten Sacken, 1881c: 135 [1881d: c]. Type species: *Naupoda platessa* Osten Sacken, 1881, mon.

nudiseta Bezzi, 1928: 97. Lord Howe I. N. comb.

insularis Paramonov, 1958b: 781. Lord Howe I. N. syn.

regina Hendel, 1914d: 298. PNG (PNG) & Australia (Qld); Australia (NSW).

simmondsi Bezzi, 1928: 95. Fiji.

ventralis Curran, 1936: 26. Solomon Is.

Genus MESOCTENIA Enderlein

MESOCTENIA Enderlein, 1924a: 130. Type species: *Mesoctenia ralumensis* Enderlein, 1924 [= *Zygaenula coalescens* Hendel, 1914], orig. des.

australis McAlpine, 1973: 35. Australia (Qld).

celyphoides Walker, 1859a: 112 (*Lamprogaster*). Indonesia (Maluku).

coalescens Hendel, 1914d: 293 (*Zygaenula*). PNG (Bismarck Arch).

ralumensis Enderlein, 1924a: 131. PNG (Bismarck Arch).

hilaris Hendel, 1914d: 294 (*Zygaenula*). PNG (PNG).

hylaris. Incorr. orig. spell. of *hilaris* (Hendel, 1914d: 292).

Genus NEOHEMIGASTER Malloch

HEMIGASTER Rondani, 1875b: 435. Type species: *Hemigaster albovittatus* Rondani, 1875, mon. [Preocc. Brullé, 1846.]

NEOHEMIGASTER Malloch, 1939b: 126 (n. n. for *Hemigaster*).

Undetermined sp. — PNG (PNG) (McAlpine, 1982a: 664).

Genus PTEROGENIA Bigot

PTEROGENIA Bigot, 1859b: 312. Type species: *Pterogenia singularis* Bigot, 1859, des. Hendel, 1914e: 12.

brevis Walker, 1865b: 120 (*Platystoma*). "New Guinea" [= Indonesia (Irian Jaya)].

fuliginosa Hendel, 1914d: 309. PNG (PNG).

laterica Hendel, 1914d: 312. Australia (Qld); Australia (NSW).

nubecula Hendel, 1914d: 314. Australia (Qld); Australia (NSW).

pectoralis Hendel, 1914d: 316. PNG (PNG); Australia (Qld).

scutellaris Walker, 1859a: 112 (*Lamprogaster*). Indonesia (Maluku); Indonesia (Irian Jaya).

devocata Walker, 1865b: 121 (*Platystoma*). "New Guinea" [= Indonesia (Irian Jaya)].

similis Malloch, 1939b: 126. Australia (Qld).

singularis Bigot, 1859b: 315. Indonesia (Sulawesi); Indonesia (Maluku).

variipennis Walker, 1861d: 292. Indonesia (Irian Jaya).

vittifinis Walker, 1861d: 292. Indonesia (Irian Jaya).

Genus SCHOLASTES Loew

SCHOLASTES Loew, 1873b: 38. Type species: *Platystoma cincta* Guérin-Méneville, 1831, orig. des. *PACHYCEPHALA*, Loew, 1873, not Doleschall, 1858, misid.

aitapensis Malloch, 1939b: 128 [1940a: 20]. PNG (PNG); PNG (Bismarck Arch).

bimaculatus Hendel, 1914d: 252. PNG (Bismarck Arch); Fiji, Hawaiian Is, Kiribati (Phoenix Is), Solomon Is, Western Samoa.

solomensis Curran, 1936: 24. Solomon Is.

carolinensis Enderlein, 1924a: 121. Micronesia.

cinctus Guérin-Méneville, 1831: pl. 21, fig. 9 [1838: 299] (*Platystoma*). Australia (NSW), error [=

non-Australian locality; D.K. McAlpine, *in litt.*]; Fiji, Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch), Solomon Is.

facestriata Doleschall, 1857: 416 (*Acimia*). Indonesia (Maluku).

marginitifera Walker, 1859a: 111 (*Lamprogaster*). Indonesia (Maluku).

whitneyi Curran, 1936: 24. Solomon Is.

frauenfeldi Schiner, 1868: 285 (*Dacus*). Indonesia (Java); Micronesia.

hirtiventris Malloch, 1942: 208. Guam.

lonchifer Hendel, 1914d: 253. Cook Is; French Polynesia (Marquesas, Society Is), ?Palmyra Atoll, Pitcairn Is.

palmyra Curran, 1936: 24. Palmyra Atoll.

sexvittatus Walker, 1861c: 261 (*Lamprogaster*). Indonesia (Sulawesi); PNG (Bismarck Arch), Solomon Is; Indonesia (Java).

distigma Hendel, 1914d: 252. Indonesia (Java).

taylori Malloch, 1939b: 129. PNG (PNG).

trifasciatus Enderlein, 1924a: 122. Northern Marianas.

Genus TRIGONOSOMA Gray

TRIGONOSOMA Gray *in* Griffith & Pidgeon, 1832: 774. Type species: *Trigonosoma perilampiformis* Gray, 1832, mon.

TROPIDOGASTRELLA Hendel, 1914d: 11, 285 [1914e: 18, 134]. Type species: *Tropidogastrella tropida* Hendel, 1914, orig. des.

criventre Gerstaecker, 1860: 185 (*Gorgopis*). Indonesia (Maluku).

Genus ZYGAENULA Doleschall

ZYGAENULA Doleschall, 1858: 117. Type species: *Zygaenula paradoxa* Doleschall, 1858, mon.

GORGOPIS Gerstaecker, 1860: 180. Type species: *Gorgopis bucephala* Gerstaecker, 1860 [= *Zygaenula paradoxa* Doleschall, 1858], orig. des.

paradoxa Doleschall, 1858: 118. Indonesia (Maluku); Philippines.

bucephala Gerstaecker, 1860: 184 (*Gorgopis*). Indonesia (Maluku).

hucephala, error for *bucephala*.

Subfamily PLATYSTOMATINAE

Genus ACHIAS Fabricius

ACHIAS Fabricius, 1805: 247. Type species: *Achias oculatus* Fabricius, 1805, mon.

MYSTIA Walker, 1861b: 249. Type species: *Mystia attrahens* Walker, 1861, mon.

ACHIOSOMA Hendel, 1914d: 8, 200 [1914e: 100]. Type species: *Achias dacoides* Walker, 1865, orig. des. N. syn.

albertisi Osten Sacken, 1881a: 473. Indonesia (Irian Jaya).

amplivdens Walker, 1859a: 122. Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).

apictipennis Hennig, 1940: 316. Australia (Qld).

aspiciens Walker, 1864: 229 (*Dacus*). Indonesia (Irian Jaya). N. comb.

attrahens Walker, 1861b: 250 (*Mystia*). Indonesia (Irian Jaya); PNG (PNG).

australis Malloch, 1939b: 137. Australia (Qld).

brachyophthalmus Walker, 1865b: 119. "New Guinea" [= Indonesia (Irian Jaya)]; Australia (Qld). *brachiophthalmus*, error for *brachyophthalmus*.

costalis Malloch, 1939b: 130 (*Achiosoma*). Indonesia (Irian Jaya). N. comb.

dacoides Walker, 1865c: 133. Indonesia (Irian Jaya).

diversifrons Walker, 1859a: 111 (*Lamprogaster*). Indonesia (Maluku). N. comb.

diversifrons de Meijere, 1913b: 371. Indonesia (Irian Jaya).

fulviceps de Meijere, 1913b: 373. Indonesia (Irian Jaya).

- furcatus** Hendel, 1914d: 216. Indonesia (Irian Jaya).
gjellerupi de Meijere, 1913c: xl [1915b: 130]. Indonesia (Irian Jaya).
gracilis de Meijere, 1913b: 373. Indonesia (Irian Jaya); PNG (PNG).
kurandanus Hennig, 1940: 315. Australia (Qld).
latividentis Walker, 1859a: 121. Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
longividens Walker, 1859a: 121. Indonesia (Maluku); PNG (PNG).
microcephalus Hendel, 1914d: 215. PNG (Bismarck Arch & PNG).
macrocephalus, error for *microcephalus*.
nigrifacies Malloch, 1939b: 131 (*Achiosoma*). PNG (PNG). **N. comb.**
oculatus Fabricius, 1805: 247. Indonesia (Java), error [= Papuan Subregion; D.K. McAlpine, *in litt.*].
platychirus Hendel, 1914d: 204. PNG (PNG).
punctulatus de Meijere, 1913b: 372. Indonesia (Irian Jaya).
robustus Bigot, 1880c: 93 (*Zygotricha*). "Nov.-Guinea"; Indonesia (Irian Jaya). **N. comb.**
rothschildi Austen, 1910: 459. PNG (PNG).
strigatus de Meijere, 1913b: 372. Indonesia (Irian Jaya).
subnudus Malloch, 1939b: 134. PNG (PNG).
thoracalis Hendel, 1914d: 213. PNG (PNG).
venustulus Walker, 1865b: 119. "New Guinea" [= Indonesia (Irian Jaya)].

Genus ANTINEURA Osten Sacken

- ANTINEURA** Osten Sacken, 1881c: 134 [1881d: xcix]. Type species: *Antineura stolata* Osten Sacken, 1881, des. Hendel, 1914d: 12, 40.
ADANTINEURA Hendel, 1914d: 32 [1914e: 41]. Type species: *Antineura biroii* de Meijere, 1906, pres. des. **N. syn.**
biroii de Meijere, 1906a: 188. PNG (PNG).
devia Walker, 1861b: 250 (*Dacus*). Indonesia (Irian Jaya).
grandis Doleschall, 1858: 126 (*Herina*). Indonesia (Maluku).
kerteszi de Meijere, 1906a: 189. PNG (PNG).
pabiseta Walker, 1861d: 294 (*Dacus*). Indonesia (Maluku).
strigifera Walker, 1861e: 13 (*Dacus*). Indonesia (Maluku).

Genus APACTONEURA Malloch

- APACTONEURA** Malloch, 1930d: 223. Type species: *Apactoneura flavicornis* Malloch, 1930, orig. des. **flavicornis** Malloch, 1930d: 223. Western Samoa.

Genus BREA Walker

- BREA** Walker, 1859a: 117. Type species: *Brea contraria* Walker, 1859, des. Hendel, 1914e: 16, 125.
MARIA Bigot, 1859b: 311. Type species: *Maria caeruleiventris* Bigot, 1859 [= *Brea contraria* Walker, 1859], mon.
angustilimbata de Meijere, 1915b: 129. Indonesia (Irian Jaya).
basalis Enderlein, 1924a: 129. PNG (PNG).
contraria Walker, 1859a: 117. Indonesia (Maluku); Australia (Qld), PNG (PNG).
caeruleiventris Bigot, 1859b: 311 (*Maria*). Indonesia (Maluku).
discalis Walker, 1859a: 117. Indonesia (Maluku).
discifera Hendel, 1914d: 270. Indonesia (Maluku).
flavipes de Meijere, 1913b: 371. Indonesia (Irian Jaya).
magnifica Hendel, 1914d: 271. PNG (PNG).
nouhuysi de Meijere, 1913b: 370. Indonesia (Irian Jaya).
ralumensis Enderlein, 1924a: 129. PNG (Bismarck Arch).

Genus **CLEITAMIA** Macquart

- CLEITAMIA** Macquart, 1835: 440. Type species: *Ortalis astrolabei* Macquart, 1835, mon.
POTICARA Walker, 1861b: 248. Type species: *Poticara triarcuata* Walker, 1861 [= *Ortalis astrolabei* Macquart, 1835], mon.
amabilis Osten Sacken, 1881a: 468. PNG (PNG).
astrolabei Macquart, 1835: 440. Indonesia (Irian Jaya); PNG (PNG).
astrolabei Boisduval, 1835: 688 (*Ortalis*). Indonesia (Irian Jaya). [Preocc. Macquart, 1835.] N. syn.
triarcuata Walker, 1861b: 249 (*Poticara*). Indonesia (Irian Jaya).
biarcuata Walker, 1865c: 133 (*Poticara*). "New Guinea"; Indonesia (Irian Jaya), PNG (PNG).
catharinae de Meijere, 1913b: 63. Indonesia (Irian Jaya).
cheesmanae Malloch, 1939b: 110. Indonesia (Irian Jaya).
cyclops Malloch, 1939b: 110. Indonesia (Irian Jaya).
delandi Malloch, 1939b: 111. PNG (PNG).
excepta Malloch, 1939b: 111. Indonesia (Irian Jaya).
gestroi Kertész, 1899a: 566. PNG (PNG).
insignis de Meijere, 1913c: xl [1915b: 128]. Indonesia (Irian Jaya).
orthocephala Hendel, 1914d: 126. PNG (PNG).
ostensackeni Kertész, 1914: 494. PNG (PNG).
rivellioides Osten Sacken, 1881a: 469. PNG (PNG).
roederi Kertész, 1899a: 565. PNG (PNG).
similis Kertész, 1899a: 562. PNG (PNG).
tricurvata Walker, 1864: 227 (*Poticara*). Indonesia (Irian Jaya).
trigonalis de Meijere, 1913b: 375. Indonesia (Irian Jaya).

Genus **CLEITAMOIDES** Malloch

- CLEITAMOIDES** Malloch, 1939b: 106. Type species: *Cleitamia kerteszi* Hendel, 1914, orig. des.
kerteszi Hendel, 1914d: 130 (*Cleitamia*). "Neu-Guinea" [prob. = PNG (PNG)].
latifascia Walker, 1859a: 114 (*Dacus*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
litoratus Walker, 1861b: 251 (*Dacus*). Indonesia (Irian Jaya).
litorata Osten Sacken, 1881a: 468 (*Cleitamia*). Indonesia (Irian Jaya). [Preocc. Walker, 1861.]

Genus **CONICIPITHEA** Hendel

- CONICIPITHEA** Hendel, 1914d: 5, 29 [1914e: 12, 38]. Type species: *Dacus addens* Walker, 1860, orig. des.
addens Walker, 1860a: 149 (*Dacus*). Indonesia (Sulawesi); Indonesia (Maluku).

Genus **DUOMYIA** Walker

- DUOMYIA** Walker, 1849: 800. Type species: *Duomyia obscura* Walker, 1849, des. Hendel, 1914d: 6.
CAMPIGASTER Macquart, 1855: 162(142). Type species: *Campigaster testacea* Macquart, 1855, mon.
EUCHALCOTA Loew, 1873b: 40. Type species: *Senopterina decora* Macquart, 1846, orig. des.
HELOCNEMIA Enderlein, 1924a: 128. Type species: *Chromatomyia apicalis* Walker, 1849, orig. des.
DUOMYZA Malloch, 1929p: 507 (*Duomyia* subg.). Type species: *Duomyia tomentosa* Hendel, 1914, orig. des.
acrogena McAlpine, 1973: 113. Australia (WA).
adelaidae McAlpine, 1973: 112. Australia (SA).
ameniina McAlpine, 1973: 116. Australia (Qld); Australia (WA).
angustata McAlpine, 1973: 106. Australia (WA).
apicalis Walker, 1849: 804 (*Chromatomyia*). Australia (WA).
annulipes Hendel, 1914d: 98. Australia (WA).
argentata McAlpine, 1973: 88. Australia (ACT); Australia (NSW).
aurantiaca McAlpine, 1973: 100. Australia (NSW).

- azurea** Hendel, 1914d: 97. Australia (WA).
botulus McAlpine, 1973: 87. Australia (Vic).
brevicornis McAlpine, 1973: 105. Australia (NSW).
brevifurca McAlpine, 1973: 131. Australia (Qld).
cancellata McAlpine, 1973: 128. Australia (NSW).
capitalis McAlpine, 1973: 108. Australia (ACT).
capnodes McAlpine, 1973: 103. Australia (WA).
chaetostigma McAlpine, 1973: 92. Australia (NSW).
commonsi McAlpine, 1973: 81. Australia (Qld).
convallis McAlpine, 1973: 80. Australia (Qld).
curta McAlpine, 1973: 97. Australia (NSW).
decora Macquart, 1846: 328(208) (*Senopterina*). Australia (Tas); Australia (NSW, Vic).
punctifrons Macquart, 1848: 221(61) (*Ortalis*). "Nouvelle-Hollande."
laeta Walker, 1849: 805 (*Chromatomyia*). "New Holland."
dete McAlpine, 1973: 101. Australia (WA).
eremia McAlpine, 1973: 89. Australia (NT).
foliata McAlpine, 1973: 85. Australia (Qld); Australia (NT, WA).
gigas Macquart, 1851: 255(282) (*Senopterina*). "Tasmanie," error [= Australia (NSW)]; Australia (Qld).
glebosa McAlpine, 1973: 126. Australia (NSW).
hebes McAlpine, 1973: 129. Australia (Qld).
howensis McAlpine, 1973: 123. Lord Howe I.
hypene McAlpine, 1973: 121. Australia (NSW).
iris McAlpine, 1973: 113. Australia (WA).
irregularis Malloch, 1929p: 509. Australia (NT).
lacunosa McAlpine, 1973: 90. Australia (WA); Australia (Vic).
latipilus McAlpine, 1973: 110. Australia (NSW).
lonchaeina McAlpine, 1973: 107. Australia (WA).
longicauda McAlpine, 1973: 102. Australia (WA).
loxocerina McAlpine, 1973: 127. Australia (NSW).
lutea McAlpine, 1973: 94. Australia (WA).
maculipennis Hendel, 1914d: 93. Australia (NSW); Australia (Qld).
fidschiensis Enderlein, 1924a: 112. "Fidji Inseln," error [= E Australia; see McAlpine, 1975: 125].
marginalis McAlpine, 1973: 91. Australia (Qld); Australia (NSW).
mithrax Hendel, 1914d: 92. Australia (Qld).
monteithi McAlpine, 1973: 84. Australia (Qld).
nigricosta Malloch, 1929p: 511. Australia (Qld); Australia (NSW).
obscura Walker, 1849: 800. "New Holland"; Australia (ACT, NSW, Qld Vic).
octoseta McAlpine, 1973: 98. Australia (NSW); Australia (Qld).
pallipes McAlpine, 1973: 82. Australia (NSW); Australia (Qld, WA).
parallela McAlpine, 1973: 111. Australia (WA).
personata McAlpine, 1973: 80. Australia (ACT); Australia (NSW).
picta McAlpine, 1973: 108. Australia (NSW); Australia (Qld).
punctifrons Malloch, 1929p: 510. Australia (NSW); Australia (ACT).
montium McAlpine, 1973: 117 (unnec. n. n. for *punctifrons* Malloch). N: **syn.**
rasa McAlpine, 1973: 109. Australia (Qld).
rudis McAlpine, 1973: 131. Australia (Qld).
scintilla McAlpine, 1973: 118. Australia (NSW).
scipio McAlpine, 1973: 99. Australia (Qld).
scutellaris Macquart, 1851: 255(282) (*Senopterina*). "Tasmanie," error [= E Australia]; Australia (NSW, Qld).
grandis Schiner, 1868: 289 (*Scenopterina*). "Chili," error [= E Australia; see McAlpine, 1973: 89].
sericea Hendel, 1914d: 99. Australia (Qld).
serra McAlpine, 1973: 96. Australia (Qld).

- smaragdina** McAlpine, 1973: 89. Australia (WA).
spinifemorata Malloch, 1929*p*: 508. Australia (NT).
testacea Macquart, 1855: 162(142) (*Campigaster*). "Nouvelle-Hollande"; Australia (NSW, Vic).
thalassina Walker, 1849: 801. Not given [E Australia]; Australia (ACT, NSW, Qld, Vic).
tomentosa Hendel, 1914*d*: 100. Australia (Qld); Australia (NSW, NT).
triquetra McAlpine, 1973: 86. Australia (Qld).
umbrosa McAlpine, 1973: 96. Australia (Qld).
uptoni McAlpine, 1973: 114. Australia (WA).
ustulata McAlpine, 1973: 104. Australia (WA).
viridaurea McAlpine, 1973: 115. Australia (WA).

Genus ELASSOGASTER Bigot

- ELASSOGASTER** Bigot, 1860*a*: 546. Type species: *Elassogaster metallicus* Bigot, 1860, mon.
didymoides Hendel, 1914*d*: 76. PNG (PNG).
didyma Osten Sacken, 1881*a*: 465 (*Stenopterina*). PNG (PNG).
linearis Walker, 1849: 998 (*Sepsis*). Philippines; ?Australia, Indonesia (Maluku), PNG (Bismarck Arch, PNG).
sepsoides Walker, 1860*b*: 163 (*Dacus*). Indonesia (Maluku).
unimaculata Kertész, 1899*b*: 185 (*Stenopterina*). PNG (PNG).
immaculata, error for *unimaculata*.
nigripes Malloch, 1940*d*: 70. Solomon Is.
sorditipes Walker, 1860*b*: 163 (*Dacus*). Indonesia (Maluku).
sordida Walker, 1861*b*: 251 (*Dacus*). Indonesia (Irian Jaya).
varialis Walker, 1865*b*: 123 (*Dacus*). "New Guinea" [= Indonesia (Irian Jaya)].

Genus EUPROSOPIA Macquart

- EUPROSOPIA** Macquart, 1847*a*: 89 [1847*b*: 105]. Type species: *Euprosopia tenuicornis* Macquart, 1847, mon.
PACHYCEPHALA Doleschall, 1858: 115. Type species: *Pachycephala mohnikae* Doleschall, 1858, des. Enderlein, 1924*a*: 136. [Preocc. Vigers, 1825.]
NOTOPSILO Osten Sacken, 1882*b*: 209 (n. n. for *Pachycephala*).
ONCOSCELIA Enderlein, 1924*a*: 136 (n. n. for *Pachycephala*).
LEPIDOCOMPSIA Enderlein, 1924*a*: 137. Type species: *Platystoma impingens* Walker, 1865, orig. des.
TETRACHAETINA Enderlein, 1924*a*: 138. Type species: *Tetrachaetina buergersiana* Enderlein, 1924, orig. des.
acula McAlpine, 1973: 142. Australia (Qld).
albifacies Doleschall, 1858: 117 (*Pachycephala*). Indonesia (Maluku).
albipila McAlpine, 1973: 116. Australia (NSW); Australia (ACT, Tas, Vic).
albolineata de Meijere, 1913*b*: 367. Indonesia (Irian Jaya).
alpina McAlpine, 1973: 167. Australia (ACT); Australia (NSW, Vic).
alticeps Malloch, 1940*d*: 81. Solomon Is.
anostigma McAlpine, 1973: 175 (n. n. for *australis* Walker). Australia (NSW); Australia (Qld, Vic).
australis Walker, 1849: 1061 (*Platystoma*). Australia (NSW). [Preocc. Macquart, 1846.]
armipes McAlpine, 1973: 177. Australia (NSW); Australia (Qld).
aureovitta Malloch, 1939*b*: 151. PNG (PNG).
biarmata Malloch, 1929*p*: 512. Australia (Qld).
bilineata de Meijere, 1906*b*: 92. Indonesia (Irian Jaya); PNG (PNG).
buergersiana Enderlein, 1924*a*: 138 (*Tetrachaetina*). PNG (PNG).
celsa McAlpine, 1973: 168. Australia (NSW).
comes McAlpine, 1973: 181. Australia (Qld).
conferta McAlpine, 1973: 151. Australia (Qld).
conjuncta Hendel, 1914*d*: 229. Australia (Qld).

- connexa** Malloch, 1940d: 79. Solomon Is.
- crassa** McAlpine, 1973: 148. Australia (Qld); Australia (NSW).
- crispa** McAlpine, 1973: 160. Australia (NSW).
- diminutiva** Walker, 1865b: 121. "New Guinea" [= Indonesia (Irian Jaya)]; PNG (PNG).
setinervis Malloch, 1939b: 149. Indonesia (Irian Jaya). **N. syn.**
- dubitalis** Malloch, 1939b: 149. PNG (PNG).
- filicornis** McAlpine, 1973: 170. Australia (NSW).
- fimbripes** McAlpine, 1973: 164. Australia (Vic); Australia (ACT).
- fusifacies** Walker, 1859a: 113 (*Platystoma*). Indonesia (Maluku).
fuscifacies, error for *fusifacies*.
- hollowayi** McAlpine, 1973: 158. Australia (Qld); Australia (NSW).
- hypostigma** McAlpine, 1973: 168. Australia (NSW).
- impingens** Walker, 1865c: 134 (*Platystoma*). Indonesia (Irian Jaya); PNG (Bismarck Arch, PNG).
- inermis** McAlpine, 1973: 183. Australia (Qld); Australia (NT).
- innocua** Malloch, 1939b: 152. Indonesia (Irian Jaya).
- insulicola** Malloch, 1940d: 84. Solomon Is.
- integra** McAlpine, 1973: 153. Australia (Qld).
- kurandae** McAlpine, 1973: 154. Australia (Qld).
- lenticula** McAlpine, 1973: 146. Australia (Qld).
- lepida** Curran, 1936: 25. Solomon Is; PNG (Bougainville I).
- macrotegularia** Malloch, 1928g: 345. Australia (Qld).
- maculipennis** Guérin-Ménéville, 1831: pl. 21, fig. 8 [1838: 299] (*Platistoma*). Australia (NSW); Australia (ACT, Qld, Tas, Vic).
australis Macquart, 1846: 333(205) (*Platystoma*). Australia (Tas).
- megastigma** McAlpine, 1973: 159. Australia (NSW); Australia (Qld).
- mica** McAlpine, 1973: 156. Australia (Qld).
- miliaria** Hendel, 1914d: 353. PNG (Bismarck Arch); Indonesia (Irian Jaya, Maluku), PNG (PNG).
pectoralis Walker, 1861e: 12 (*Platystoma*). Indonesia (Maluku). [Preocc. Loew, 1852.] **N. syn.**
diminutiva de Meijere, 1913b: 368. Indonesia (Irian Jaya). [Preocc. Walker, 1865.] **N. syn.**
- minor** Malloch, 1940d: 82. Solomon Is.
- minuta** Malloch, 1939b: 148. PNG (PNG).
- mohnikei** Doleschall, 1858: 116 (*Pachycephala*). Indonesia (Maluku).
- monodon** McAlpine, 1973: 178. Australia (Qld).
- multivitta** Walker, 1859a: 113 (*Platystoma*). Indonesia (Maluku).
- penicillata** Hendel, 1914d: 343. PNG (PNG); Indonesia (Irian Jaya).
- piperrata** McAlpine, 1973: 150. Australia (NSW); Australia (Qld).
- potens** Walker, 1861e: 12 (*Platystoma*). Indonesia (Maluku).
- producta** Walker, 1861d: 293 (*Platystoma*). Indonesia (Maluku).
- protensa** Walker, 1864: 228 (*Platystoma*). Indonesia (Irian Jaya).
- punctifacies** Malloch, 1928g: 346. Australia (Qld).
- ramosa** McAlpine, 1973: 172. Australia (Qld).
- remota** McAlpine, 1973: 156. Australia (NSW).
- rete** McAlpine, 1973: 140. Australia (Qld).
- rufiventris** Hendel, 1914d: 334. Indonesia (Maluku).
- scatophaga** Malloch, 1930n: 431. Australia (Qld).
- separata** Hendel, 1914d: 338. Australia (Qld).
- sericata** McAlpine, 1973: 146. Australia (Qld); Australia (NSW).
- setinervis** Malloch, 1939b: 149. Indonesia (Irian Jaya).
- sexpunctata** Osten Sacken, 1882b: 210 (*Notopsila*). Philippines; Indonesia (Irian Jaya).
atomaria Walker, 1861d: 293 (*Platystoma*). Indonesia (Irian Jaya). [Preocc. Walker, 1860.]
- squamifera** de Meijere, 1913b: 368. Indonesia (Irian Jaya).
- subacuta** McAlpine, 1973: 169. Australia (Qld); Australia (NSW).
- subula** McAlpine, 1973: 174. Australia (NSW); Australia (ACT, Qld).

- tarsalis** Walker, 1864: 237 (*Platystoma*). Indonesia (Maluku).
tegularia Malloch, 1928g: 346. Solomon Is; PNG (Bougainville I).
depressifrons Malloch, 1940d: 86. Solomon Is. **N. syn.**
tenuicornis Macquart, 1847a: 90 [1847b: 106]. "Tasmanie," error [= Australia (?NSW); see McAlpine, 1973: 180]; Australia (NSW, Qld).
tigrina Osten Sacken, 1881a: 473. Indonesia (Irian Jaya).
ventralis Walker, 1859a: 131 (*Lamprogaster*). Indonesia (Maluku); Australia (Qld), PNG (PNG).
vitrea McAlpine, 1973: 165. Australia (NSW); Australia (Qld, Vic).
xanthops McAlpine, 1973: 144. Australia (Qld); Indonesia (Irian Jaya), PNG (PNG).

Genus EUXESTOMOEAE de Meijere

- EUXESTOMOEAE** de Meijere, 1913b: 377. Type species: *Ortalis promptus* Walker, 1859, des. Hendel, 1914d: 9.
bipunctata Hendel, 1914d: 188. PNG (PNG).
discifera de Meijere, 1913b: 377. Indonesia (Irian Jaya).
prompta Walker, 1859a: 118 (*Ortalis*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).

Genus LAGLAISIA Bigot

- LAGLAISIA** Bigot, 1878a: 25 [1878f: xxii (as *Laglaizia*); 1880c: 92]. Type species: *Laglaisia caloptera* Bigot, 1878, mon.
LAGLAIZIA, error for *Laglaisia*.
biroi Hendel, 1914a: 136. PNG (PNG).
caloptera Bigot, 1878a: 25 [1878f: xxii; 1880c: 92]. Indonesia (Irian Jaya).
fascipennis de Meijere, 1913c: xli [1915b: 134]. Indonesia (Irian Jaya).
kochi de Meijere, 1908a: 120. Indonesia (Irian Jaya).
stylops Enderlein, 1924a: 116. PNG (PNG).
telescopica Enderlein, 1924a: 116. PNG (PNG).

Genus LAMPROGASTER Macquart

- LAMPROGASTER** Macquart, 1843: 368(211). Type species: *Lamprogaster flavipennis* Macquart, 1843, mon.
CRUPHIOCERA Macquart, 1843: 369(212). Type species: *Cruphiocera violacea* Macquart, 1843, mon.
CHROMATOMYIA Walker, 1849: 801. Type species: *Chromatomyia formosa* Walker, 1849 [= *Lamprogaster laeta* Macquart, 1835], des. McAlpine, 1973: 44.
CERATOPELTA Bigot, 1878c: 43 [1878h: xxxiv]. Type species: *Ceratopelta tricolor* Bigot, 1878 [= *Lamprogaster patula* Walker, 1861], mon.
LIOLAMPROGASTER Enderlein, 1924a: 128 (as subg.). Type species: *Lamprogaster angusta* Enderlein, 1924, orig. des.
angusta Enderlein, 1924a: 128. Indonesia (Maluku).
austeni Sharp, 1899: 391. PNG (Bismarck Arch); Solomon Is.
xanthoptera Hendel, 1914d: 225. PNG (Bismarck Arch).
basalis Walker, 1861b: 248. Indonesia (Irian Jaya).
limbata Wulp, 1885f: 228. Indonesia (Irian Jaya).
bicolor Macquart, 1847a: 89 [1847b: 105]. Australia (Tas), error [prob. = Australia (NSW)]; Australia (Qld, Vic).
jucunda Walker, 1849: 801 (*Chromatomyia*). Australia (NSW).
corax McAlpine, 1973: 57. Australia (Qld).
corusca McAlpine, 1973: 63. Australia (Qld); ?Australia (NSW).
costalis Walker, 1861b: 247. Indonesia (Irian Jaya); PNG (PNG).
 ssp. **costalis** s. str. Indonesia (Irian Jaya).
 ssp. **nuda** Hendel, 1914d: 232 (*costalis* var.). PNG (PNG). **N. stat.**

- decolor** Malloch, 1939b: 144. PNG (PNG).
- excelsa** McAlpine, 1973: 62. Australia (NSW); Australia (Vic).
- flavihirta** McAlpine, 1973: 52. Australia (Qld).
- flavipennis** Macquart, 1843: 368(211). "Nouvelle-Hollande"; Australia (NSW, Qld).
unimacula Hendel, 1914d: 239. Australia (Qld).
- fulvipes** Malloch, 1939b: 145. PNG (PNG).
- grossa** Malloch, 1939b: 142. Indonesia (Irian Jaya).
- hilaris** Walker, 1849: 804 (*Chromatomyia*). "New Holland"; Australia (NSW, Vic).
- imperialis** McAlpine, 1973: 53. Australia (Qld); Australia (NSW, NT).
- indistincta** Malloch, 1928g: 349. Australia (Qld).
pseudelongata Malloch, 1930n: 432. Australia (Qld).
- instabilis** Walker, 1861b: 250 (*Dacus*). Indonesia (Irian Jaya); PNG (PNG).
gracilis Hendel, 1914d: 225. PNG (PNG).
- laeta** Macquart, 1835: 445 (*Platystoma*). Australia (NSW); Australia (Tas, Vic).
laeta Guérin-Méneville, 1838: 300 (*Platystoma*). Australia (NSW). [Preocc. Macquart, 1835.]
formosa Walker, 1849: 801 (*Chromatomyia*). "New Holland."
- lepida** Walker – not Australasian/Oceanian.
- macrocephala** Hendel, 1914a: 230. PNG (PNG); Indonesia (Irian Jaya).
fuscibasis Malloch, 1930n: 433. Australia (Qld), ?error [prob. = PNG (PNG)].
- maculipennis** Macquart, 1847a: 89 [1847b: 105]. "Nouvelle-Hollande"; Australia (ACT).
- nigrihirta** McAlpine, 1973: 51. Australia (Qld).
- nigripes** Macquart, 1851: 256(283) (*Senopterina*). Australia (Tas); Australia (Vic).
- patula** Walker, 1861b: 247. Indonesia (Irian Jaya).
tricolor Bigot, 1878c: 44 [1878h: xxxv] (*Ceratopelta*). "Nov.-Guinea."
bispinosa Walker, 1865b: 118. "New Guinea" [= Indonesia (Irian Jaya)].
- poecila** Hendel, 1914d: 239. "Nord-Australien"; Australia (Qld).
- pumicata** Wulp, 1885f: 230. New Caledonia (New Caledonia).
- quadrianea** Walker, 1859a: 111. Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
sepsoides Walker, 1864: 220. Indonesia (Irian Jaya).
- relucens** McAlpine, 1973: 65. Australia (NSW); Australia (SA, Vic).
- rufipes** Hendel, 1914d: 233. Indonesia (Maluku).
- rugifacies** McAlpine, 1973: 52. Australia (Qld).
- severa** Hendel, 1914d: 240. Indonesia (Maluku).
- stenoparia** Hendel, 1914d: 227. Australia (Qld).
- superna** Walker, 1861e: 12. Indonesia (Maluku).
- taeniata** Wulp, 1885f: 229. Indonesia (Maluku).
- tricauda** McAlpine, 1973: 48. Australia (Qld).
- trisignata** Wulp, 1885f: 231. Indonesia (Irian Jaya).
- vella** Walker, 1849: 803. Australia (NSW); Australia (Qld, Vic).
amaena Walker, 1849: 1162 (impermissible subs. alt. name for *vella*).
- viola** Malloch, 1929p: 515. Australia (Qld).
- violacea** Macquart, 1843: 369(212) (*Cruphiocera*). Indonesia (Irian Jaya); Australia (Qld), Indonesia (Maluku), PNG (PNG).
elongata Wulp, 1885f: 228. Indonesia (Maluku).
- zelotypa** Hendel, 1914d: 226. PNG (PNG) & Australia (Qld); Indonesia (Irian Jaya).
ventralis Walker, 1861b: 248. Indonesia (Irian Jaya). [Preocc. Walker, 1859.]

Genus LAMPROPHTHALMA Portschinsky

- LAMPROPHTHALMA** Portschinsky, 1892: 225. Type species: *Lamprophthalma metallica* Portschinsky, 1892, mon.
- sepedonoides** Walker, 1864: 228 (*Dacus*). Indonesia (Maluku).

Genus LORIOMYIA Kertész

LORIOMYIA Kertész, 1899a: 567. Type species: *Loriomyia guttipennis* Kertész, 1899, mon.
guttipennis Kertész, 1899a: 567. PNG (PNG).

Genus LOXONEUROIDES Hendel

LOXONEUROIDES Hendel, 1914d: 8, 141 [1914e: 80]. Type species: *Loxoneuroides variipennis* Hendel, 1914, orig. des.
variipennis Hendel, 1914d: 141 [1914e: 80]. Australia (NSW & Qld).
variipennis, error for *variipennis*.

Genus MERINGOMERIA Enderlein

MERINGOMERIA Enderlein, 1924a: 108. Type species: *Dacus trivittatus* Walker, 1849, orig. des.
neurostigma Bezzi, 1928: 89 (*Plagiostenoptera*). Fiji. N. comb.

Genus MICROEPICAUSTA Hendel

MICROEPICAUSTA Hendel, 1914d: 6, 85 [1914e: 52]. Type species: *Microepicausta gracilis* Hendel, 1914, orig. des.
albopilosa de Meijere, 1915b: 133 (*Elassogaster*). Indonesia (Irian Jaya); PNG (PNG). N. comb.
evitta Malloch, 1939b: 116 (*Elassogaster*). PNG (Bismarck Arch).
gracilis Hendel, 1914d: 85. Australia (NSW).
lineata de Meijere, 1915b: 132 (*Elassogaster*). Indonesia (Irian Jaya). N. comb.
marginalis Malloch, 1940d: 68 (*Elassogaster*). Solomon Is. N. comb.
terraereginae Malloch, 1928g: 352 (*Elassogaster*). Australia (Qld); ?Australia (NSW).

Genus MONTROUZIERA Bigot

MONTROUZIERA Bigot, 1860b: 224. Type species: *Montrouziera lifua* Bigot, 1860, mon.
lifua Bigot, 1860b: 225. New Caledonia (Loyalty Is); New Caledonia (New Caledonia).

Genus PLAGIOSTENOPTERINA Hendel

PLAGIOSTENOPTERINA Hendel, 1912a: 3 [1912b: 14; 1914a: 7, 52; 1914e: 46]. Type species: *Dacus aeneus* Wiedemann, 1819, orig. des. [Designations in McAlpine, 1973: 37 and Steyskal, 1977d: 146 are in error.]

Subgenus PLAGIOSTENOPTERINA Hendel

PLAGIOSTENOPTERINA Hendel, 1912a: 3 [1912b: 14; 1914a: 7, 52; 1914e: 46] (as gen.). Type species: *Dacus aeneus* Wiedemann, 1819, orig. des. [See also under generic heading.]
aenea Wiedemann, 1819a: 29 (*Dacus*). Indonesia (Java); Australia (NT, Qld), Indonesia (Irian Jaya, Maluku), PNG (Bismarck Arch, PNG), Solomon Is; widesp. Oriental Reg.
basalis Walker, 1849: 1072 (*Dacus*). Australia (NT).
longivitta Walker, 1859a: 115 (*Dacus*). Indonesia (Maluku).
eques Schiner, 1868: 228 (*Senopterina*). Solomon Is.
enderleini Hendel, 1914d: 56. Indonesia (Sumatra); Australia (NT, Qld), PNG (PNG), Solomon Is; Philippines.

Subgenus STENOPTEROSOMA Malloch

STENOPTEROSOMA Malloch, 1939b: 114. Type species: *Plagiostenoptera orbitalis* Malloch, 1939 [= *Dacus lativentis* Walker, 1859], orig. des.
claudiana McAlpine, 1973: 41. Australia (Qld).

- crinita** McAlpine, 1973: 42. Australia (Qld).
lativentris Walker, 1859a: 115 (*Dacus*). Indonesia (Maluku); PNG (PNG).
orbitalis Malloch, 1939b: 114. PNG (PNG).
macies McAlpine, 1973: 42. Australia (Qld).
parva Malloch, 1931a: 15. PNG (PNG).
similis Hendel, 1914d: 145 (*Pogonortalis*). PNG (PNG).

Unplaced species of *Plagiostenoptera* Hendel

- farinosa** Hendel, 1914d: 68. Indonesia (Maluku).
nigrocostata Doleschall, 1858: 126 (*Herina*). Indonesia (Maluku).
samoensis Malloch, 1930d: 230. American Samoa; Western Samoa.

Genus **POGONORTALIS** de Meijere

- POGONORTALIS** de Meijere, 1911b: 370. Type species: *Pogonortalis uncinata* de Meijere, 1911, mon.
communi Paramonov, 1958b: 780. Australia (WA).
doclea Walker, 1849: 1035 (*Trypeta*). "New Holland"; widesp. Australia (excl. Tas).
barbifera Hendel, 1914d: 144. Australia (NSW & Qld) & Indonesia (Java).
fulvofemoralis Malloch, 1942: 205. Guam.
hians Schneider & McAlpine, 1979: 72. Norfolk I.
howei Paramonov, 1958b: 780. Lord Howe I.

Genus **PSEUDEPICAUSTA** Hendel

- PSEUDEPICAUSTA** Hendel, 1914d: 7,112 [1914e: 14,62]. Type species: *Herina chalybea* Doleschall, 1858, orig. des.
apicalis Malloch, 1939b: 119. PNG (PNG).
chalybea Doleschall, 1858: 125 (*Herina*). Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG), Solomon Is; Indonesia (Nusa Tenggara, Sulawesi), Philippines.
obtrudens Walker, 1859a: 116 (*Dacus*). Indonesia (Maluku).
detrudens Walker, 1865c: 135 (*Dacus*). Indonesia (Irian Jaya).
experta Walker, 1861e: 12 (*Dacus*). Indonesia (Maluku).
geniculata Wulp, 1899: 206 (*Stenoptera*). Indonesia (Java); Indonesia (Irian Jaya); Indonesia (Sumatra).
limpidipennis Doleschall, 1858: 126 (*Herina*). Indonesia (Maluku).
mutilloides Walker, 1859a: 115 (*Dacus*). Indonesia (Maluku).
rufitarsis Macquart, 1847a: 94 [1847b: 110] (*Tephritis*). "Nouvelle-Hollande." **N. comb.**
wallacei Hendel, 1914d: 117. "Neu-Guinea."

Genus **PSEUDOCLEITAMIA** Malloch

- PSEUDOCLEITAMIA** Malloch, 1939b: 104. Type species: *Pseudocleitamia setigera* Malloch, 1939, orig. des.
pompiloides Walker, 1859a: 116 (*Dacus*). Indonesia (Maluku); PNG (PNG).
lagarosia Hendel, 1914d: 118. PNG (PNG).
setigera Malloch, 1939b: 104. PNG (PNG).

Genus **PSEUDORICHARDIA** Hendel

- PSEUDORICHARDIA** Hendel, 1911a: 21. Type species: *Richardia flavitarsis* Macquart, 1855, orig. des.
aristalis Bezzi, 1928: 93. Fiji.
bezziana Steyskal, 1952d: 64. Vanuatu.
flavitarsis Macquart, 1855: 141(121) (*Richardia*). French Polynesia (Marquesas); American Samoa, Fiji, French Polynesia (Society Is), Pitcairn Is.
angulata Thomson, 1869: 576 (*Richardia*). French Polynesia (Society Is).

interrupta Bezzi, 1928: 92 (*flavitaris* var.). Fiji.

Genus RHYTIDORTALIS Hendel

RHYTIDORTALIS Hendel, 1914d: 7,66 [1914e: 14]. Type species: *Rhytidortalis cribrata* Hendel, 1914, orig. des.

conformis Walker, 1853: 373 (*Ortalis*). Australia (Tas).

rugifrons Thomson, 1869: 577 (*Senopterina*). Australia (NSW).

solocifemur Enderlein, 1924a: 115 (*Pseudepicausta*). Australia (NSW).

Genus RIVELLIA Robineau-Desvoidy

RIVELLIA Robineau-Desvoidy, 1830: 729. Type species: *Rivellia herbarum* Robineau-Desvoidy, 1830 [= *Musca syngenesiae* Fabricius, 1782], des. Rondani, 1869: 8, 28.

abana Curran, 1929b: II. New Caledonia (New Caledonia).

aequifera Walker, 1861e: 15 (*Ortalis*). Indonesia (Maluku).

affinis Hendel, 1914d: 161. PNG (PNG).

basilaris Wiedemann, 1830a: 510 (*Trypeta*). Indonesia (Sumatra); Indonesia (Maluku) E to American Samoa; Japan, widesp. Oriental Reg.

perspicillaris Bezzi, 1928: 91 (*basilaris* var.). Fiji.

bipars Walker, 1861a: 326 (*Ortalis*). "United States," error [= Australia (Tas); G.C. Steyskal, *in litt.*].

concisivitta Walker, 1861e: 16 (*Ortalis*). Indonesia (Maluku).

connata Thomson, 1869: 575 (*Hernia*). Australia (NSW).

coronata, error for *connata*.

connexa Hendel, 1914d: 163. PNG (PNG); PNG (Bismarck Arch).

decatomoides Walker, 1861e: 16 (*Ortalis*). Indonesia (Maluku).

dimidiata de Meijere, 1908a: 122. Indonesia (Irian Jaya).

distobasalis Hardy, 1959: 211 (n. n. for *basalis* Walker). Indonesia (Maluku).

basalis Walker, 1859a: 120 (*Trypeta*). Indonesia (Maluku). [Preocc. Walker, 1852.]

ferruginea Hendel, 1914d: 159. PNG (PNG).

fulvescens Malloch, 1940d: 72. Solomon Is.

fusca Thomson, 1869: 575 (*Herina*). Philippines; PNG (PNG), Solomon Is; Indonesia (Java).

imitans Malloch, 1930d: 220. Western Samoa.

isolata Malloch, 1930o: 492. Australia (NSW).

lavata Hendel, 1914d: 165. "Samoa-Inseln."

marina Malloch, 1940a: 19. PNG (Bismarck Arch).

mentissa Walker, 1849: 991 (*Ortalis*). Australia (WA).

nigripes Macquart, 1851: 260(287) (*Urophora*). Australia (Tas).

obliqua Walker, 1861d: 297 (*Ortalis*). Indonesia (Maluku).

polita Hendel, 1932: 30. Indonesia (Irian Jaya).

radiata Hendel, 1914d: 161. PNG (PNG).

rufibasis Malloch, 1939b: 121. PNG (PNG).

similis Hendel, 1914d: 157. PNG (Bismarck Arch).

virgo Hendel, 1914d: 167. Australia (Qld).

viridis Hendel, 1914d: 152. Australia (NSW).

Genus SCOTINOSOMA Loew

SCOTINOSOMA Loew, 1873b: 45. Type species: *Scotinosoma bistrigatum* Hendel, 1914, subs. mon. Hendel, 1914d: 7, 120.

attenuatum Malloch, 1931a: 27 (*Pseudepicausta*). Australia (Qld).

bistrigatum Hendel, 1914d: 120. Australia (Qld).

completum Malloch, 1931a: 27 (*Pseudepicausta*). Australia (Qld).

erasum Malloch, 1939b: 117. Australia (Qld).

Genus ZEALANDORTALIS Malloch

- ZEALANDORTALIS** Malloch, 1930c: 243. Type species: *Zealandortalis interrupta* Malloch, 1930, orig. des.
interrupta Malloch, 1930c: 243. NZ (NZ).
philpotti Harrison, 1959: 178. NZ (NZ).

Unplaced species of Platystominae

- papuana** Hennig, 1940: 316 (*Xiria*). PNG (PNG).
strigata Hennig, 1940: 317 (*Xiria*). PNG (PNG).

Subfamily ANGITULINAE

Genus ANGITULA Walker

- ANGITULA** Walker, 1859a: 123. Type species: *Angitula longicollis* Walker, 1859, mon.
ANGITULINA Enderlein, 1936a: 228. Type species: *Elaphomyia polita* Saunders, 1861 [= *Angitula longicollis* Walker, 1859], orig. des.
HAMMATOPELMA Enderlein, 1936a: 228. Type species: *Hammatopelma nigra* Enderlein, 1936, orig. des.
MEACHINA Enderlein, 1936e: 241. Type species: *Meachina violacea* Enderlein, 1936, orig. des. **N. syn.**
cyanea Guérin-Méneville, 1831: pl. 21, fig. II [1838: 301] (*Nerius*). Indonesia (Irian Jaya); PNG (PNG).
krombeini Steyskal, 1952c: 87. PNG (PNG).
longicollis Walker, 1859a: 123. Indonesia (Maluku); Indonesia (Irian Jaya), PNG (PNG).
polita Saunders, 1861: 416 (*Elaphomyia*). Indonesia (Irian Jaya).
longicornis Enderlein, 1936e: 242. Indonesia (Irian Jaya).
nigra Enderlein, 1936a: 228 (*Hammatopelma*). Indonesia (Irian Jaya).
violacea Enderlein, 1936e: 241 (*Meachina*). Indonesia (Irian Jaya).

Genus ANGITULOIDES Hendel

- ANGITULOIDES** Hendel, 1913b: 345. Type species: *Angituloides austeni* Hendel, 1913, mon.
austeni Hendel, 1913b: 345. Solomon Is; PNG (Bougainville I).

Genus GIRAFFOMYIA Sharp

- GIRAFFOMYIA** Sharp, 1899: 391. Type species: *Giraffomyia willeyi* Sharp, 1899, mon.
nigripes Steyskal, 1950: 94. Solomon Is.
perfecta Malloch, 1940d: 96 (*regularis* var.). Solomon Is.
regularis Malloch, 1940d: 95. Solomon Is.
solomonensis Malloch, 1940d: 93. Solomon Is.
irregularis Malloch, 1940d: 97. Solomon Is.
willeyi Sharp, 1899: 392. PNG (Bismarck Arch).

Unplaced genus of Platystomatidae

Genus APIOLA McAlpine

- XENOGNATHUS** Malloch, 1930d: 225. Type species: *Xenognathus bryani* Malloch, 1930, orig. des. [Preocc. Gilbert, 1915.]
APIOLA McAlpine, 1973: 31 (n. n. for *Xenognathus*).
bryani Malloch, 1930d: 226 (*Xenognathus*). Western Samoa. **N. comb.**
inermis Malloch, 1930d: 228 (*Xenognathus*). Western Samoa. **N. comb.**

Unplaced species of Platystomatidae

dispila Thomson, 1869: 572 (*Ortalis*). Cocos (Keeling) Is.

flavoscutellata Doleschall, 1858: 120 (*Ortalis*). Indonesia (Maluku).

semivitta Walker, 1865*b*: 127 (*Ortalis*). "New Guinea" [= Indonesia (Irian Jaya)].

vespoides Doleschall, 1858: 123 (*Bactrocera*). Indonesia (Maluku).