

**CATALOG OF THE ROBBER FLIES
(DIPTERA: ASILIDAE)
OF THE NEARCTIC REGION**

By

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Catalog of the Robber Flies (Diptera: Asilidae) of the Nearctic Region.

By E. M. Fisher and J. Wilcox (dec.).

This draft, a preliminary version of a complete catalog for Nearctic Asilidae, contains a classification and listing of all described robber fly species found in the Nearctic Region (United States, Canada and northern Mexico). Included also are references to original descriptions and relevant taxonomic decisions, plus type locality and distribution for each Nearctic species. Not present here--but planned for the final version--are a bibliography for all references; an index to included taxa; general references to useful keys and/or revisionary studies for individual genera (or tribes or subfamilies); full introductory and explanatory information; and acknowledgements of contributors and reviewers.

The classification used is that published by Artigas & Papavero (1988 to present)--with a few minor exceptions. Although their classification scheme is still being developed (particularly with regard to the Asilinae s.l.), it is adopted here for two reasons: to provide a more uniform system of classification for New World Asilidae; and because it seems to be a distinct improvement over previous systems (for example, the classification used by Martin & Wilcox [1965; *in* Stone, et. al., "A Catalog of the Diptera of America North of Mexico"]). It is obvious to many systematists that all available classifications of Asilidae are flawed (principally by general lack of rigorous phylogenetic analysis); and that it is to be expected that many changes will be made as a result of future studies.

The scope of the catalog is strictly limited to a listing of Nearctic taxa. The only exceptions are the type species of genera that were originally described from other regions; and taxa previously considered to be Nearctic by Martin & Wilcox (1965) but now regarded otherwise (any information given on these non-regional taxa is minimal). This policy extends to synonyms of valid Nearctic taxa: those synonymous taxa that occur beyond the boundaries of the Nearctic region are not included.

The geographic coverage differs from Martin & Wilcox (1965) in that taxa ranging into the Nearctic portions of northern Mexico are now included (see map for the definition of Nearctic Mexico adopted here). The system for describing ranges for species is the same as before (basically, if only a few states are involved, they are listed separately; if many states are involved, a distribution is given as corners of a polygram; all states within the polygram, plus any additional states [at the beginning or end of the list], plus the type locality equals the distribution). The type locality is always listed first (immediately following the dash), and the range follows after the semicolon. The abbreviations for states and provinces of the U. S. and Canada are as before; the abbreviations for states of Nearctic Mexico are given on the map. Mexican states, and names of other countries, that are outside of the Nearctic Region are spelled in full. [NOTE: "MEX" indicates that distribution data for Mexico have yet to be entered.]

A few additional aspects of the format are mentioned below; otherwise, the format for the species lists in this catalog are essentially the same as used previously (Stone, et. al., 1965):

(1) Listing of misidentifications in synonymy is very limited. Only the more significant misidentifications have been included (plus those few that have been published since the previous catalog). In several genera that have not benefited from modern revisions or keys (for example *Proctacanthus* and *Promachus*), more misidentifications than usual are included--as an aid to their taxonomy.

(2) An author's name is placed in parentheses (for reassigned species) only in the primary listing of each species or subspecies; this is not done for synonyms, or for names mentioned in parenthetical notes.

(3) The original genus is, of course, given for each reassigned species. The original spelling of the species name--when it differs from the currently accepted spelling--is also given; this is listed as a combination when the genus has changed as well.

The history of this catalog is as follows: (1) 1979--a draft of a "working species list" was prepared by JW (with collaboration of EF). (2) early 1987--a completely revised list prepared by EF [JW *dec.*, 1982], for USDA project "Checklist of Diptera for America north of Mexico" headed by F.C. Thompson; list compiled on data sheets, to be used with Wang minicomputer system. (3) late 1987--a much simplified version of USDA ms. ("Checklist of Nearctic Asilidae") circulated by EF among robber fly workers. (4) 1989--USDA project name changed to "Systematic Database of Nearctic Diptera" (SDND); funding disappears, no publication made. (5) 1993--SDND data subset given to National Oceanographic Data Center by USDA; distributed on CD-ROM and later on internet (WWW). (6) 1996--SDND data subset names in wide circulation over internet; possibility exists that an abbreviated form of Checklist version of SDND will receive unauthorized publication in near future. (7) Present--newly revised draft produced; unable to verify if ms. Diptera names have been published in sense of ICZN. [NOTE: the new names that appear in this draft are tentatively presented as being unpublished; however, some (but not all) may eventually prove to have been already published, in one or more of the above noted circumstances, with dates and authorship yet to be established. The wide circulation and use (and misuse) of this SDND data has possibly created some nomenclatorial problems; hopefully this mess will be resolved soon.]

This draft is a direct print-out from the FileMaker Pro (Macintosh) database in which it was prepared. The final version will benefit from page-layout processing, which will improve line spacing and other formatting. Please inform me of any errors or omissions found; I also welcome suggestions that might improve the format style. (It is worth noting here that the "Zoological Record" has failed to record the publication of at least 37 of the listed Nearctic species of Asilidae described since 1965.)

Eric M. Fisher
Sacramento, Calif.
April 27, 1997

SUBFAMILY LEPTOGASTRINAE

GENUS **APACHEKOLOS** MARTIN

- APACHEKOLOS** Martin, 1957: 352. Type sp.: *Leptogaster scapularis* Bigot, orig. des.
confusio Martin, 1957: 354. ---Ariz.
crinitus Martin, 1957: 354 (orig. spell.: *crinita*). ---N.Mex.; Calif., B.Calif., B.Cal.S., Ariz., Son.
scapularis (Bigot), 1878: 444 (*Leptogaster*). ---Calif.; B.Calif.N., B.Cal.S., Tex., ?Tam.
tenuipes (Loew), 1862: 192 (*Leptogaster*). ---D.C.; Okla. to Del., s. to Tex. and Fla.
weslacensis (Bromley), 1951: 3 (*Leptogaster*). ---Tex.

GENUS **BEAMEROMYIA** MARTIN

- BEAMEROMYIA** Martin, 1957: 352. Type species: *Leptogaster pictipes* Loew, orig. des.
bifida (Hardy), 1942: 59 (*Leptogaster bifidus*). ---Ariz.; Calif.
chrysops Martin, 1957: 356. ---Fla.; Ala., Ga.
disfascia Martin, 1957: 357. ---N.J.; Ohio, N.Y., Mass., Va., Ga., Fla., La.
floridensis (Johnson), 1913: 60 (*Leptogaster*). ---Fla.; Va.
kawiensis Martin, 1957: 358. ---Kans.
lacinia Martin, 1957: 358. ---Ariz.; Calif., N.Mex.
lunula Martin, 1957: 359. ---Ariz.
macula Martin, 1957: 360. ---Ariz.; Coah.
monticola Martin, 1957: 360. ---Ariz.
occidentis (Hardy), 1942: 61 (*Leptogaster*). ---Ariz.; N.Mex.
pictipes (Loew), 1862: 189 (*Leptogaster*). ---Ill.; Kans. to Pa., Iowa, Md.
varipes Loew, 1862: 189 (*Leptogaster*); D.C.
prairiensis Martin, 1957: 361. ---Kans.
punicea Martin, 1957: 362. ---Ariz.
silvacola Martin, 1957: 362. ---N.Mex.; Ariz.
vulgaris Martin, 1957: 363. ---D.C.; Ind. to N.J., s. to Ala. and Fla.

GENUS **LEPTOGASTER** MEIGEN

- LEPTOGASTER** Meigen, 1803: 269. Type sp.: *Asilus tipuloides* Fabricius, mon. (= *cylindrica* De Geer).
GONYPES Latreille, 1805: 309. Type species: *Asilus tipuloides* Fabricius, mon. (= *cylindrica* De Geer).
aegra Martin, 1957: 381. ---N.C.; Mo., S.C., Fla., S.L.P., s. to Veracruz.
altacola Martin, 1957: 373. ---Ariz.
arborcola Martin, 1957: 368. ---Ariz.; Calif.
arenicola James, 1937: 13 (orig. spell.: *arenicolus*). ---Colo.; Nebr.

- arida** Cole in Cole & Lovett, 1919: 229 (orig. spell.: *aridus*). Oreg.; B.C. and Alta., s. to Calif. and Ariz.
- atridorsalis** Back, 1909: 159. ---Pa.; Ind. to Pa., s. to N.C.
- brevicornis** Loew, 1872: 62. ---Tex.; Kans. to Md., s. to Tex. and Fla.
- californica** Martin, 1957: 373. ---Calif.
- carolinensis** Schiner, 1866: 696 (n. name for *nitidus* Macquart, 1838). ---"Carolina"; unrecognized.
nitidus Macquart, 1838: 155 (*Gonypes*; preocc. Macquart, 1826); "Carolina."
- coloradensis** James, 1937: 14. ---Colo.; Alta., Mont., S.Dak., Nebr., Kans.
- cultaventrif** Martin, 1957: 375. ---Calif.; Wash., Oreg.
- eudicrana** Loew, 1874: 353 (orig. spell.: *eudicranus*). ---Tex.; Ariz., Nev., N.Mex., Colo.
- flavipes** Loew, 1862: 193. ---Nebr.; Minn. to Que. and Maine, s. to Kans. and Ga.
favillaceus Loew, 1862: 191; Conn.
flavicornis Wulp, 1867: 136; Wisc.
loewii Banks, 1914: 133; Va., N.Y.
- fornicata** Martin, 1957: 377. ---Idaho; B.C. to Calif.
- hesperis** Martin, 1957: 378. ---Ariz.; N.Mex.
- hirtipes** Coquillett, 1904: 178. ---Colo., N.Mex.; Ariz.
- incisuralis** Loew, 1862: 190. ---Ill.; Minn. to N.Y., s. to Tex. and Ga.
ochraceus Schiner, 1867: 359; Pa.
- lanata** Martin, 1957: 382. ---Utah; Idaho, Ariz., N.Mex., Tex.
- lernerif** Curran, 1953: 1. ---Bahama Is.; Fla.
- murina** Loew, 1862: 190 (orig. spell.: *murinus*). ---Nebr.; S.Dak. to Mich. and Ohio, s. to Tex. and Ark.
- nitof** Martin, 1957: 379. ---Wash.; Oreg., Calif., Nev.
- obscuripennis** Johnson, 1895: 304. ---Fla.; N.C., S.C.
- obscuripes** Loew, 1862: 191. ---Cuba; Tex., Fla.
- panda** Martin, 1957: 372. ---Kans.
- parvoclava** Martin, 1957: 371. ---N.Mex.
- patula** Martin, 1957: 380. ---Ariz.; N.Mex., Tex.
- salvia** Martin, 1957: 380. ---Idaho; Oreg., Wyo., Utah, Ariz.
- schaefferi** Back, 1909: 170. ---Tex.
- texana** Bromley, 1934: 88 (orig. spell.: *texanus*). ---Tex.
- virgata** Coquillett, 1904: 177 (orig. spell.: *virgatus*). ---Tex., D.C.; Okla., N.Y., Pa., Md., Ga.

GENUS **LEPTOPTEROMYIA** WILLISTON

- LEPTOPTEROMYIA** Williston, 1907: 2. Type sp.: *gracilis* Williston, sub. mon. Williston, 1908: 195.
- americana** Hardy, 1947: 74. ---Tex.; Fla.
- mexicanae** Martin, 1971: 269. ---Son.; B.Calif., B.Cal.S.

GENUS **PSILONYX** ALDRICH

PSILONYX Aldrich, 1923: 5. Type sp.: *Leptogaster annulatus* Say, orig. des.

annulatus (Say), 1823: 75. (*Leptogaster*). ---Pa.; Ohio to Mass., s. to Okla. and Ga.

histrion Wiedemann, 1828: 535 (*Leptogaster*); Pa.

GENUS **TIPULOGASTER** COCKERELL

TIPULOGASTER Cockerell, 1913: 214. Type sp.: *Leptogaster badius* Loew, orig. des. (= *glabrata* Wiedemann).

glabrata (Wiedemann), 1828: 534 (*Leptogaster glabratus*) ---Unknown; Nebr. to Que., s. to Tex. and Fla.

badius Loew, 1862: 188 (*Leptogaster*); Ill.

testaceus Loew, 1862: 190 (*Leptogaster*); N.Y.

SUBFAMILY DASYPOGONINAE

TRIBE DASYPOGONINI

GENUS **LESTOMYIA** WILLISTON

LESTOMYIA Williston, 1883: 19. Type sp.: *Clavator sabulorum* Osten Sacken, orig. des.

atripes Wilcox, 1937: 37. ---N.Mex.; Utah, Ariz.

fraudigera Williston, 1883: 21 (orig. spell.: *fraudiger*). ---Calif.

montis Cole, 1916: 67. ---Calif.

sabulona Osten Sacken, 1877: 292 (*Clavator sabulorum*). ---Calif.; ?B.C., ?Utah [records for this species outside of Calif. probably refer to undescribed spp.].

redlandae Cole, 1916: 64; Calif.

strigipes Curran, 1931: 3. ---Wyo.; Colo., Ariz., N.Mex.

unicolor Curran, 1942: 57. ---Ariz.

GENUS **PARATARACTICUS** COLE

PARATARACTICUS Cole, 1924: 11. Type sp.: *rubidus* Cole, orig. des.

cuyamus Wilcox, 1967: 14. ---Calif.

melanderi Wilcox, 1967: 16. ---Ariz.; Tex.

niger Martin, 1955: 118. ---Calif.; B.Calif.

rubens (Coquillett), 1904: 178 (*Ablautus*). ---Wash. **N.comb.**

rubidus Cole, 1924: 12. ---Calif.

wyliei Martin, 1955: 116. ---Calif.

GENUS **SAROPOGON** LOEW

- SAROPOGON** Loew, 1847: 439 (*Dasyopogon* subg.). Type sp.: *Dasyopogon luctuosus* Wiedemann, orig. des.
- abbreviatus** Johnson, 1903: 113. ---Tex.
bicolor Johnson, 1903: 113; Tex. [Homonym of *Saropogon bicolor* Jaenicke, 1867.]
- albifrons** Back, 1904: 291. ---Ariz.; Calif., **MEX**
- birdi** Curran, 1931: 2. ---Okla.
- bryanti** Wilcox, 1966: 132. ---Ariz.; N.Mex., Tex., Son.
- combustus** Loew, 1874: 373. ---Tex.; Colo., Nebr., Kans., N.Mex., Okla.
adustus Loew, 1874: 375; Tex.
- coquillettii** Back, 1909: 348. ---N.Mex., Tex.; Ariz., Son. **MEX**
- dispar** Coquillett, 1902: 139. ---Tex.; Okla.
- fletcheri** Bromley, 1934: 91. ---Tex.
- hyalinus** Coquillett, 1904: 185. ---Calif.
- hypomelas** (Loew), 1866: 24 (*Diogmites*). ---N.Mex.; Tex.
- lparoides** Bromley, 1951: 14. ---Tex.
sculleni Wilcox, 1966: 135; Tex. **N.syn.**
- luteus** Coquillett, 1904: 185. ---Calif.; B.Calif.
rufus Back, 1904: 290; Calif.
- mohawki** Wilcox, 1966: 134. ---Ariz.; Calif., Nev., Utah, Son.
- nitidus** Wilcox, 1966: 135. ---Tex.; N.Mex., **MEX**
- pritchardi** Bromley, 1934: 90. ---Tex.; N.Mex., Okla.
- purus** Curran, 1930: 3. ---Ariz.; **MEX**
- semiustus** Coquillett, 1904: 186. ---Calif.; Ariz., **MEX**
- senex** Osten Sacken, 1887: 179. ---Mexico (Sinaloa); Ariz., Son., s. to Jal.
aridus Curran, 1930: 3; Ariz.
- solus** Bromley, 1951: 15. ---Tex.; **MEX**

GENUS **TARACTICUS** LOEW

- TARACTICUS** Loew, 1872: 64. Type sp.: *Dioctria octopunctatus* Say, mon.
- DIOCTRODES** Coquillett, 1904: 181. Type sp.: *flavipes* Coquillett, orig. des. (= *octopunctatus* Say).
- dimidiatus** (Macquart); not Nearctic.
- octopunctatus** (Say), 1823: 49 (*Dioctria 8-punctata*). ---"United States;" S.Dak. to N.H., s. to Tex. and Fla.
flavipes Coquillett, 1904: 181 (*Dioctria*); Mo.
rufipes Jones, 1907: 276 (*Dioctria*); Nebr.
- paulus** Pritchard, 1938: 189. ---Calif.
- ruficaudus** Curran, 1930: 4. ---Ariz.; Utah, Dur.

TRIBE ISOPOGONINI

GENUS **COMANTELLA** CURRAN

COMANTELLA Curran, 1923: 93. Type sp.: *Cyrtopogon maculosus* Coquillett, orig. des. (misident., = *fallei* Back; ref. Melander, 1924: 207; Curran, 1928: 310). *Cyrtopogon maculosus* Coquillett is now in *Eucyrtopogon*. In order to maintain stability and existing usage of *Comantella* as a generic name, use of *fallei* Back as a replacement name needs to be ratified by ICZN.

cristata (Coquillett), 1893: 33 (*Blacodes cristatus*). ---Calif.

fallei (Back), 1909: 378 (*Cophura*). ---Colo.; Alta., Wyo., Utah.

pacifica Curran, 1926: 311. ---B.C.; Wash., Oreg., Nev., Utah.

rotgeri James, 1937: 61. ---Colo.; Alta., Utah, Ariz., N.Mex.

GENUS **COPHURA** OSTEN SACKEN

COPHURA Osten Sacken, 1887: 181. Type sp.: *sodalis* Osten Sacken, mon.

BLAX Loew, 1872: 65 (preocc. Koch, 1840). Type sp.: *bellus* Loew, mon.

BLACODES Loew, 1874: 377 (n. name for *Blax* Loew, but preocc. Dejean, 1859). Type sp.: *Blax bellus* Loew, aut.

LOEWIELLA Williston, 1896: 57 (n. name for *Blacodes* Lw., but preocc. Meunier, 1894). Type sp.: *Blax bellus* Lw., aut.

BUCKELLIA Curran, 1925: 156. Type sp.: *Cophura albosetosa* Hine, orig. des.

albosetosa Hine, 1908: 202. ---B.C.; Wash., Oreg., Utah.

ameles Pritchard, 1943: 298. ---N.Mex.

arizonensis (Schaeffer), 1916: 65. (*Lasiopogon*). ---Ariz.; N.Mex., Son.

drakei Pritchard, 1935: 6 (*Buckellia*); Ariz.

bella (Loew), 1872: 63 (*Blax bellus*). ---Tex.; Ariz., N.Mex.

brevicornis brevicornis (Williston), 1883: 22 (*Taracticus*). ---Wash.; B.C. to Mont., s. to Calif. and Colo., Nebr.

ssp. **flavus** Wilcox, 1965: 814. ---Calif.

ssp. **luteus** Wilcox, 1965: 814. ---Calif.

ssp. **melanochaeta** Melander, 1924: 210. ---Idaho; Calif., Mont.

ssp. **rubidus** Wilcox, 1965: 814. ---Calif.

caca Pritchard, 1943: 306. ---N.Mex.

clausa (Coquillett), 1893: 34 (*Blacodes clausus*). ---Calif.

dammersi Wilcox, 1965: 807. ---Calif.; B.Calif.

daphne Pritchard; not Nearctic.

dora Pritchard, 1943: 296. ---Nebr.; Calif. to Utah and Tex.

fergusoni Wilcox, 1965: 809. ---Calif.

fisheri Wilcox, 1965: 808. ---Calif.; Nev., Ariz.

fur (Williston), 1885: 53 (*Aphamartania*). ---Ariz.; Calif., Nev.

getzendaneri Wilcox, 1959: 123. ---Calif.; Ariz., B.Calif.

hennei Wilcox & Martin, 1945: 11. ---Calif.

hesperia (Pritchard), 1935: 7 (*Buckellia*). ---Ariz.

- hurdi** Hull, 1960: 73. ---Calif. Unrecognized.
- lutzi** Curran, 1931: 7. ---Colo.; Ariz., N.Mex., Okla., Tex.
wilcoxi Pritchard, 1935: 8 (*Buckellia*); Okla.
- painteri** Pritchard, 1943: 293. ---Ariz.; Calif., N.Mex., B.Calif., Son.
- pollinosa** Curran, 1930: 10. ---Ariz.; Utah.
- powersi** Wilcox, 1965: 813. ---Calif.
- pulchella** Williston; not Nearctic.
- rozeni** Wilcox, 1965: 813. ---Calif.
- scitula** (Williston), 1883: 19. (?*Nicocles scitulus*). ---Wash.; B.C. to Calif.
cyrtopogona Cole in Cole & Lovett, 1919: 236; Oreg.
- sculleni** Wilcox, 1937: 39. ---Ariz.; N.Mex., Tex.
- sodalis** Osten Sacken, 1887: 181. ---Mexico (Sinaloa); Ariz., Son.
- stylosa** Curran, 1931: 7. ---Okla.; Colo., Kans., Tex.
- tanbarki** Wilcox, 1965: 811. ---Calif.; B.Calif.
- texana** Bromley, 1934: 92. ---Tex.; Okla.
- timberlakei** Wilcox, 1965: 808. ---Calif.
- tolandi** Wilcox, 1959: 125. ---Calif.; Ariz., B.Calif.
- trunca** (Coquillett), 1893: 34 (*Blacodes truncus*). ---Calif.
highlandica Cole, 1916: 63; Calif.
- vanduzeei** Wilcox, 1965: 810. ---Calif.
- vandykei** Wilcox, 1965: 810. ---Calif.; Ariz.
- vera** (Pritchard), 1935: 8 (*Buckellia*). ---Ariz.
- vitripennis** (Curran), 1927: 85 (*Buckellia*). ---B.C.; Idaho, Mont., Wyo.

GENUS HODOPHYLAX JAMES

- HODOPHYLAX** James, 1933: 1. Type sp.: *aridus* James, orig. des.
- aridus** James, 1933: 2. ---Colo.; Ariz., N.Mex., Tex., Kans.
mgregori Bromley, 1934: 88 (*Ablautus*); Tex.
- basingeri** Pritchard, 1938: 130. ---Calif.; Ariz., Nev., Utah.
- halli** Wilcox, 1961: 115. ---Calif.
- tolandi** Wilcox, 1961: 114. ---Ariz.; N.Mex.

GENUS NICOCLES JAENNICKE

- NICOCLES** Jaennicke, 1867: 355. Type sp.: *analis* Jaennicke, mon.
- PYGOSTYLUS** Loew, 1866: 16 (preocc. Haliday, 1833). Type sp.: *argentifer* Loew, des. Coquillett, 1910: 598 (= *politus* Say).
- abdominalis** Williston, 1883: 17. ---Calif.; ?Utah.
- aemulator** (Loew), 1872: 66 (*Pygostylus*). ---Calif.

- argentatus** Coquillett, 1893: 119. ---Calif.
- bromleyi** Hardy, 1943: 28. ---Ariz.; MEX
- canadensis** Curran, 1923: 208. ---B.C.; Wash., Oreg., Calif.
- dives** (Loew), 1866: 17 (*Pygostylus*). ---Calif.; B.C., Wash., Oreg., Nev.
- engelhardti** Wilcox, 1946: 163. ---S.C.; N.C., Fla.
- lomae** Cole, 1916: 67. ---Calif.
- pictus** (Loew), 1866: 17 (*Pygostylus*). ---D.C.; N.Y. and Mass., s. to Va., Ala., Ga., Fla.
amastris Walker, 1849: 362 (*Dasyopogon*); Ga.
- politus** (Say), 1823: 52 (*Dasyopogon*). ---Pa. and Md.; N.Y. and Mass., s. to Fla.
argentifer Loew, 1866: 16 (*Pygostylus*); D.C.
- pollinosus** Wilcox, 1946: 164 (orig. spell.: *pollinosa*). ---Mont.; B.C., Calif.
- reinhardi** Bromley, 1934: 91. ---Tex.
- rufus** Williston, 1883: 18. ---Wash.; B.C., Oreg., Calif.
- utahensis** Banks, 1920: 66. ---Utah; B.C., Alta., Wash. and Idaho, s. to Calif. and Ariz.
punctipennis Melander, 1924: 217; Wash.

GENUS **OMNINABLAUTUS** PRITCHARD

- OMNINABLAUTUS** Pritchard, 1935: 1. Type sp.: *arenosus* Pritchard, orig. des.
OMNIABLAUTUS, Martin & Wilcox, 1965; error.
- arenosus** Pritchard, 1935: 1. ---N.Mex.; Ariz.
- nigripes** (Wilcox), 1966: 681 (*Omniablautus*). ---Calif.; Ariz.
- nigronotum** (Wilcox), 1935: 224 (*Ablautus*). ---Oreg.; Calif., Nev., Idaho, Utah.
- tolandi** (Wilcox), 1966: 682 (*Omniablautus*). ---Calif.; Ariz.

TRIBE LASTAURINI

GENUS **BLEPHAREPIUM** RONDANI

- BLEPHAREPIUM** Rondani, 1848: 89. Type sp.: *luridum* Rondani, mon.
- priapus** Papavero & Bernardi, 1973: 189. ---Ariz.
- sonorensis** Papavero & Bernardi, 1973: 175. ---Ariz.; Calif., Utah, N.Mex., Tex., Son. to N.Leon, s. to Central America.
secabile, authors, not Walker.

GENUS **DIOGMITES** LOEW

- DIOGMITES** Loew, 1866: 21. Type sp.: *platypterus* Loew, des. Coquillett, 1910: 533.
DEROMYIA, authors, not Philippi.
- angustipennis** Loew, 1866: 23. ---Kans.; Wyo., Nebr., s. to N.Mex., Tex., Ill., **MEX**
- basalis** (Walker), 1851: 95 (*Dasypogon*). ---"United States;" Ill. to N.H., s. to Tenn. and N.J., Colo.
umbrinus Loew, 1866: 24; N.Y.
- bilineatus** Loew; not Nearctic.
- coloradensis** (James), 1933: 2 (*Deromyia*). ---Colo.; Ariz., N.Mex.
- contortus** Bromley, 1936: 235. ---Ariz.; Calif.
- crudelis** Bromley, 1936: 233. ---N.C.; s. to Miss. and Fla.
- discolor** Loew, 1866: 21. ---Pa.; Mo. to Conn., s. to Ala. and Ga.
- esuriens** Bromley, 1936: 230. ---Fla.; N.C., S.C., Ga., Ala.
rubrodorsatus Artigas, 1966: 419; Ga. **N.syn.**
- fragilis** Bromley, 1936: 235. ---Tex.
- grossus** Bromley, 1936: 236. ---Colo.; Oreg. and Idaho, s. to Calif. and N.Mex.
- herennius** (Walker), 1849: 339 (*Dasypogon*). ---Ohio. [? = *basalis* Walker.]
- misellus** Loew, 1866: 22. ---D.C.; Kans. to Mass., s. to Tex. and Fla.
- missouriensis** Bromley, 1951: 13. ---Mo.; Ohio, Ky., Miss. [? = *texanus* Bromley.]
- neoternatus** (Bromley), 1931: 433 (*Deromyia neoternata*). ---Kans.; Nev. to Iowa and Md., s. to Ariz. and Fla.,
MEX
- perplexus** (Back), 1909: 360 (*Deromyia perplexa*). ---N.Mex.; Ariz., Colo., **MEX**
- platypterus** Loew, 1866: 20. ---Ill.; Colo. and S.Dak. to Md., s. to Tex. and Ga.
- pritchardi** Bromley, 1936: 237. ---Okla.; Tex.
- properans** Bromley, 1936: 232. ---Ala.; La. to Ga. and Fla.
- pulcher** (Back), 1909: 361 (*Deromyia pulchra*). ---Calif.
- sallei** (Bellardi), 1861: 70 (*Dasypogon*). ---Mexico (D.F. and Veracruz); Ariz. to Tex., s. to south. Mexico,
?Central America.
- salutans** Bromley, 1936: 233. ---N.C.; Miss. to Va., s. to Fla.
- symmachus** Loew, 1872: 66. ---Tex.; N.Mex., Kans., Okla., Ark., La., **MEX**
- ternatus** Loew, 1866: 22. ---Cuba; La., Fla.
- texanus** Bromley, 1934: 91. ---Tex.; Okla.
- unicolor** Hull, 1958: 106. ---Ariz.

SUBFAMILY LAPHRIINAE

TRIBE ANDRENOSOMINI

GENUS **ANDRENOSOMA** RONDANI

ANDRENOSOMA Rondani, 1856: 160. Type sp.: *Asilus ater* Linnaeus, orig. des.

Nearctic and Neotropical species currently placed in *Andrenosoma* require new genera, as these species are not congeneric with *Andrenosoma ater* of Europe.

corallium Martin, 1966: 327. ---Mexico (Oaxaca); Tex., B.Calif.S., s. to south. Mexico (Chiapas and Q.Roo), Revillagigedo Is.

cruentum (McAtee), 1919: 244. (*Nusa cruenta*). ---Fla.; Cuba.

fulvicaudum (Say), 1823: 53. (*Laphria fulvicauda*). ---Mo.; B.C. to N.B., s. to Calif. and Fla., **MEX**
lutea McAtee, 1919: 246 (*Nusa*; as var.); Colo.

hesperium Martin, 1966: 326. (as subg. *Pogonosoma*). ---Calif.; Ore.

igneum Bromley, 1929: 46. ---Mexico (Veracruz); Tex., Sinaloa, south. Mexico, Guatemala.

rubidum Williston; not Nearctic.

xanthocnemum (Wiedemann); 1828: 509. (*Laphria xanthocnema*). ---Brazil; Tex., **MEX**, s. to Argentina.
sicaria McAtee, 1919: 246 (*Nusa*); Tex. **N.syn.**

GENUS **CEROTAINIOPS** CURRAN

CEROTAINIOPS Curran, 1930: 11. Type sp.: *rufiventris* Curran, orig. des. (= *abdominalis* Brown).

abdominalis (Brown), 1897: 103. (*Nusa*). ---N.Mex.; Calif. to Utah and Tex., Kans., Okla., **MEX**
similis Brown, 1897: 103 (*Nusa*); N.Mex.

atripes McAtee, 1919: 247 (*Nusa*; as var.); N.Mex.

rufiventris Curran, 1930: 11; Ariz.

kernae Martin, 1959: 52. ---Calif.

lucyae Martin, 1959: 50. (orig. spell.: *lucyi*). ---Tex.; N.Mex., Calif.

mcclayi Martin, 1959: 51. ---Calif.

omus Pritchard, 1942: 22. (orig. spell.: *oma*). ---Calif.; Ariz., B.Calif., B.Cal.S., Son.

wilcoxi Pritchard, 1942: 23. ---Ariz.; Calif., Nev. **MEX**

GENUS **POGONOSOMA** RONDANI

POGONOSOMA Rondani, 1856: 160. Type sp.: *Asilus maroccanus* Fabricius, orig. des.

dorsatum (Say), 1824: pl. 6 (*Laphria dorsata*). ---Pa.; Mich. to Mass., s. to Miss. and Fla.
melanoptera Wiedemann, 1828: 514 (*Laphria*); "Carolina."

ridingsi Cresson, 1920: 214. ---Colo.; B.C. and Alta. to S.Dak., s. to Calif. and Tex., Mich. to Maine.
stricklandi Adisoemarto, 1967: 45; Alta. **N.syn.**

TRIBE ATOMOSIINI

GENUS **AMATHOMYIA** HERMANN

AMATHOMYIA Hermann, 1912: 34. Type sp.: *persiana* Becker, orig. des.

ATOMOSIELLA Wilcox, 1937: 40. Type sp.: *Atomosia antennata* Banks, orig. des. **N.syn.**

antennata (Banks), 1920: 66 (*Atomosia*). ---Ariz.; Calif., Nev., e. to Tex., B.Calif., B.Cal.S. **N.comb.**

GENUS **ATOMOSIA** MACQUART

ATOMOSIA Macquart, 1838: 73. Type sp.: *incisuralis* Macquart, des. Coquillett, 1910: 512 (= *puella* Wiedemann).

Evenhuis & Thompson (1990: 232) report an overlooked designation of *Atomosia annulipes* Macquart by Duponchel (in d'Orbigny, 1841: 309) as type species of *Atomosia*. This species is a synonym of *Aphestia brasiliensis* Schiner, type species of the Neotropical genus *Aphestia*. To avoid a change in the current concept of these two genera, these authors recommend applying to the I.C.Z.N. to suppress the type designation of Duponchel.

echemon (Walker), 1849: 386 (*Laphria*). ---Ohio; unrecognized.

glabrata (Say), 1823: 53 (*Laphria*). ---"U.S."; Ill. to Mass., s. to Tex. and Va.

melanopogon Hermann, 1912: 144. ---Tex.; Calif. e. to Miss., S.Dak. s. to Tex., Colo., Iowa, Chih., N.Leon.

mucida Osten Sacken, 1887: 184. ---Mexico (Sinaloa); Calif., Utah, Ariz., N.Mex., Tex., Son.

mucidooides Bromley, 1951: 19. ---Tex.

puella (Wiedemann), 1828: 531 (*Laphria*). ---unknown; Kans. to Mich. and Maine, s. to Ariz. and Fla. **MEX**

punctifera Hermann, 1912: 161 (as *rufipes* var.). ---"Mexico"; Kans. to Tex. and Miss.

pusilla Macquart, 1838: 76. ---"N.Amer."; Wyo., Kans., Mo., Pa., La.

rufipes Macquart, 1847: 55. ---Pa.; Ohio to Mass., s. to Tex. and Fla.

sayii Johnson, 1903: 113. ---Pa.; Kans. to Pa., s. to Tex., Fla.

soror Bigot; not Nearctic.

GENUS **ATONIOMYIA** HERMANN

ATONIOMYIA Hermann, 1912: 81 (n. name for *Atonia* Williston). Type sp.: *Atonia mikii* Williston, aut.

ATONIA Williston, 1889: 257 (preocc. Gistel, 1847). Type sp.: *Atomosia mikii* Williston, des. Williston, 1901: 316.

brevistylata Williston; not Nearctic.

duncani (Wilcox), 1937: 42 (*Atonia*). ---Ariz.; N.Mex.

GENUS **CEROTAINIA** SCHINER

CEROTAINIA Schiner, 1866: 673. Type sp.: *Laphria xanthoptera* Wiedemann, orig. des.

albipilosa Curran, 1930: 13. ---N.C.; Mich. to N.Y., s. to Tex. and Fla.

atrata Jones, 1907: 280. ---Nebr.; unrecognized.

macrocera Say, 1823: 73 (*Laphria*). ---Pa.; Ohio to Conn., s. to Miss. and Fla., Kans, Mo.

TRIBE DASYLECHIINI

GENUS **DASYLECHIA** WILLISTON

DASYLECHIA Williston, 1907: 1. Type sp.: *Hyperechia atrox* Williston, mon.

atrox (Williston) 1883: 28 (*Hyperechia*). ---Pa.; Utah, Kans., Iowa, Ill., Mich., Ohio, N.Y., N.J.

TRIBE DASYTRICHINI

GENUS **ORTHOgonis** HERMANN

ORTHOgonis Hermann, 1914: 132 Type sp.: *Laphria scapularis* Wiedemann, orig. des.

Orthogonis stygia (Bromley) is the only New World member of this genus. The type species of *Orthogonis* and 10 additional species are known from Australasia, plus one species is found on Madagascar. The Nearctic species closely resembles these So. Hemisphere ones in all diagnostic characteristics (of females; males of *O. stygia* have yet to be examined by authors). Hull (1962: 330) stated that *Orthogonis* belonged in the Andrenosomini but instead placed it the Laphriini; *Orthogonis* does not have any of the synapomorphies that define either of these two tribes. Although Artigas, et al (1988) did not include *Orthogonis* in their study of American Laphriinae, this genus seems to fit best into their tribe Dasytrichini (as do several other Old World genera of Laphriinae).

stygia (Bromley), 1931: 433 (*Laphria*). ---N.C.; Ark., Miss., Fla.

TRIBE LAPHRIINI

GENUS **LAMPRIA** MAQUART

SUBGENUS BRYCHOMYIA HULL

- LAMPRIA (BRYCHOMYIA)** Hull, 1962: 328. Type sp.: *Laphria rubriventris* Macquart, orig. des.
bicolor (Wiedemann), 1828: 522 (*Laphria*). ---Unknown; Wisc. to Ont. and Conn., s. to Tex. and Fla.
saniosa Say, 1829: 158 (*Laphria*); Ind.
megacera Macquart, 1834: 284 (*Laphria*); Pa.
antaea Walker, 1849: 379 (*Laphria*); Fla.
corallogaster (Bigot), 1878: 226 (*Laphria*). ---"North America"; unrecognized.
rubriventris (Macquart), 1834: 284 (*Laphria*). ---Pa.; Wyo. to Ill., s. to Colo. and Tex., Pa. to Fla., Coah.

GENUS **LAPHRIA** MEIGEN

- LAPHRIA** Meigen, 1800: 25. Type sp.: *Asilus gibbosus* Linnaeus, des. Latrielle 1810: 443.
Laphria, as treated here (and in previous catalogs), is polyphyletic. About half of the Nearctic species belong to *Laphria* s. str. (mainly those which resemble bees of the genus *Bombus*); the remainder need assignment to other genera. S. W. Bullington (Ph.D. dissertation, 1986; MS. - in prep.) will place these *Laphria* - relatives in the Old World genus *Choerades* Walker and in several new genera.
BOMBOMIMA Enderlein, 1914: 253. Type sp.: *Laphria fulvithorax* Fabricius, orig. des.; [= *thoracica* Fabricius.]
DASYLLIS, authors, not Loew.
aeatus Walker, 1849: 381. ---Hudson Bay Terr.; Alta., Ont., Mich. to Maine.
affinus Macquart, 1855: 74. ---"North America"; Ohio to N.Y. and Mass., s. to Miss. and Fla. *allivis*!
aimatis McAtee, 1919: 160. ---Calif.; B.C. and Alta., s. to Calif. and N.Mex.
aktis McAtee, 1919: 152. ---Pa.; Minn. and Iowa to N.H. and Ga., Ark.
altitudina Bromley, 1924: 126 (orig. spell.: *altitudinum*). ---Maine; Que., Mich., N.H., N.Y.
apila (Bromley), 1951: 22 (*Bombomima*). ---Ala.; Tenn., La., Ga., Fla.
asackeni Wilcox, 1965: 389 (n. name for *sackeni* Wilcox). ---Calif.; Alaska, B.C. to Mont., s. to Calif. and Colo.
sackeni Wilcox, 1936: 8 (preocc. Banks, 1917); Calif.
astur Osten Sacken, 1877: 285. ---Calif.; B.C., s. to Calif., Idaho and Nev.
californica Banks, 1917: 54 (*Dasyllis*); Calif.
asturina (Bromley), 1951: 22 (*Bombomima*). ---B.C.; Alaska, Alta., Wash., Oreg., Idaho.
calvescenta Baker in Baker & Fischer, 1975: 56. ---Mich.
canis Williston, 1883: 31. ---Conn.; Ont. and Minn. to Que. and Maine, s. to Ill., Tenn. and Fla.
dispar Banks, 1911: 130 (preocc. Coquillett, 1898); N.Y. and Pa.
disparella Banks, 1913: 52 (n. name for *dispar* Banks); N.Y. and Pa.
carbonaria Snow, 1896: 181 (orig. spell.: *carbonarius*; n. name for *anthrax* Williston). ---Calif.
anthrax Williston, 1883: 29 (preocc. Meigen, 1804); Calif.
carolinensis Schiner, 1867: 380. ---"Carolina"; unrecognized.
chAMPLAINII (Walton), 1910: 243. (*Dasyllis*). ---Pa.; Ohio, N.Y., Mass., Conn., N.J.

- cinerea** (Back), 1904: 289 (*Dasyllis*). ---N.C. and N.Y.; N.H. to Fla., Mich., Tenn., Miss.
- columbica** Walker in Lord, 1866: 338. ---B.C.; Alaska, Alta., B.C. to Calif.
- coquillettii** McAtee, 1919: 257. ---Calif.
- divisor** (Banks), 1917: 54 (*Dasyllis*). ---N.C., Ill., Pa.; Wisc. to Ont. and Maine, s. to Tenn. and Fla.
- engelhardti** (Bromley), 1931: 434 (*Bombomima*). ---Colo.; Ariz., N.Mex.
- fattigi** (Bromley), 1951: 23 (*Bombomima*). ---Ga.; La.
- felis** (Osten Sacken), 1877: 286 (*Lampria*). ---Calif.; B.C. and Alta., s. to Calif. and N.Mex.
xanthippe Williston, 1883: 31; Oreg.
atripes McAtee, 1919: 162 (as var.); Colo.
crocea McAtee, 1919: 163 (as var.); Wash.
varipes McAtee, 1919: 163 (as var.); Colo.
- fernaldi** (Back), 1904: 290 (*Dasyllis*). ---Colo.; B.C. and Alta., s. to Calif. and N.Mex.
- ferox** Williston, 1883: 29. ---Wash.; B.C., Mont., Oreg., Calif.
- flavescens** Macquart, 1838: 69. ---"Carolina and Pyrenees"; unrecognized.
- flavicollis** Say, 1824: 374. ---Northwest Terr. (U.S.); Iowa to Que. and Maine, s. to Tex. and Fla.
melanopogon Wiedemann, 1828: 520; Ky.
- flavipila** Macquart, 1834: 282. ---"U.S."; unrecognized.
- franciscana** Bigot, 1878: 225. ---Calif.; B.C., Wash., Oreg., Idaho.
- georgina** Wiedemann, 1821: 235. ---Ga.; unrecognized.
- gilva** (Linnaeus), 1758: 605 (*Asilus gilvus*). ---"Europe"; Alaska, Y.T. to N.B., s. to Calif., Colo. and Pa.
bilineata Walker, 1849: 1156; Ont.
- grossa** (Fabricius), 1775: 791 (*Asilus*). ---"America"; Ohio to Que. and Maine, s. to Miss. and Fla.
tergissa Say, 1823: 74; Pa.
analis Macquart, 1838: 68; N.Amer.
flavibarbis Harris, 1862: 604; Unknown.
- hurion** (Bromley), 1929: 159 (*Bombomima*). ---Ont.; e. to N.B., s. to Mich. and N.Y.
- index** McAtee, 1919: 164. ---Pa.; B.C. to Ore. and Mont., S.Dak., Minn. to Que. and Maine, s. to Okla. and S.C.
- insignis** (Banks), 1917: 54 (*Dasyllis*). ---Labr.; Y.T. to N.S., s. to B.C., Minn., Mich. and Maine.
- ithypyga** McAtee, 1919: 165. ---Pa.; Wisc. to N.J., s. to Tenn. and Ga.
- janus** McAtee, 1919: 153. ---N.H.; Alaska, N.W.T., B.C. to N.B., s. to Oreg. and Pa., Utah, Colo.
- lasipes** Wiedemann, 1828: 502. ---Ky.; unrecognized.
- lata** Macquart, 1850: 379 (n. name for *analis* Macquart). ---Tex.; Kans. to Ill., s. to Tex. and Miss., Fla.
analis Macquart, 1846: 206 (*Mallophora*; preocc. Macquart, 1838); Tex.
- macquarti** (Banks), 1917: 54 (*Dasyllis*). ---Tex.; La., Fla.
- melanogaster** Wiedemann, 1821: 236. ---"Mexico and Ga."; unrecognized.
- milvina** Bromley, 1929: 160. ---B.C.; Y.T., Wash., Oreg., Wyo., Colo.
- nigella** (Bromley), 1934: 93 (*Bombomima*). ---Tex.; La.
- partitor** (Banks), 1917: 54 (*Dasyllis*). ---B.C.; Alta., Wash., Oreg., Calif.

- posticata** Say, 1824: 374. ---Northwest Terr. (U.S.); Y.T. to Que. and Maine, s. to B.C., Wisc., Tenn. and Ga.
brunnea Bromley, 1929: 159 (*Bombomima*; as var.); Ont.
scutellaris Bromley, 1929: 159 (*Bombomima*; as var.); Ont.
- rapax** Osten Sacken, 1877: 286. ---Calif.; Wash., Oreg.
- royalensis** (Bromley), 1950: 2 (*Bombomima*). ---Mich.; Que., N.S., Wisc.
- sackeni** (Banks), 1917: 54 (*Dasyllis*). ---Calif.; B.C., Wash., Oreg.
- sacrator** Walker, 1849: 382. ---N.S.; Wisc. to N.S., s. to Mich. and Pa., N.C.
- sadales** Walker, 1849: 378. ---N.Y.; B.C. to Que., s. to Ore., Pa. and Conn., Calif., Utah, Colo.
pubescens Williston, 1883: 32; Wash., Oreg.
- saffrana** Fabricius, 1805: 160. ---"Carolina"; Pa. to Tenn. and Fla., Tex.
- scorpio** McAtee, 1919: 163. ---N.H.; B.C., Alta., Idaho, Man. to N.B. and N.S., s. to Minn., Pa. and Conn.
- semitecta** (Coquillett), 1910: 124 (*Dasyllis*). ---Man.
- sericea** Say, 1823: 74. ---"U.S."; Minn. and Ont. to Maine, s. to Tenn. and Ga., Tex.
- sicula** McAtee, 1919: 165. ---Md.; Ont. and Que., s. to Ill., Tenn. and Fla., Kans., Okla.
- terraenovae** Macquart, 1838: 69. ---Nfld.; unrecognized.
- thoracica** Fabricius, 1805: 158. ---"N.Amer."; Minn. to Que. and Maine, s. to Miss. and Fla., Kans.
fulvithorax Fabricius, 1805: 373 (unjustified n. name for *thoracica* (Fabricius); N.Amer.
alcanor Walker, 1849: 383; Mass.
- trux** McAtee, 1919: 158. ---Calif.; B.Calif.
audax McAtee, 1919: 158 (as var.); Calif.
- unicolor** (Williston), 1883: 26 (*Dasyllis*). ---Wash.; Oreg.
- ventralis** Williston, 1885: 55. ---Calif.; B.C., Wash., Oreg.
- virginica** (Banks), 1917: 53 (*Dasyllis*). ---Va.; N.Y. and Mass., s. to Fla., Ohio, Tenn.
- vivax** Williston, 1883: 30. ---Wash.; Y.T., B.C., Alta., s. to Calif. and Colo., N.Mex.
 ssp. **anthemon** McAtee, 1919: 156. ---N.Mex.
- vorax** (Bromley), 1929: 158 (*Bombomima*). ---Kans.; Nebr., Iowa, Okla.
- vultur** Osten Sacken, 1877: 286. ---Calif.; B.C., Wash., Oreg.
- winnemana** McAtee, 1919: 168. ---Md.; Ont., Minn. to N.H., s. to Tenn. and Ga.

SUBFAMILY LAPHYSTIINAE

GENUS **LAPHYSTIA** LOEW

- LAPHYSTIA** Loew, 1847: 538. Type sp.: *sabulicola* Loew, mon.
- albiceps** (Macquart), 1846: 197 (*Dasypogon*). ---Tex.
- annulata** Hull, 1957: 72. ---Ariz.; Utah, N.Mex.
interrupta Hull, 1957: 73; Ariz.
- bromleyi** Wilcox, 1960: 331. ---Okla.; Ark.
- brookmani** Wilcox, 1960: 332. ---Calif.
- canadensis** Curran, 1927: 87. ---Man.; Mont., N.Dak, s. to Wyo., Nebr., Kans. and Iowa.
- cazieri** Wilcox, 1960: 334. ---Calif.
- confusa** Curran, 1927: 86. ---Okla.; Wyo., Tex.
- duncani** Wilcox, 1960: 334. ---Ariz.; Calif., Nev.
- flavipes** Coquillett, 1904: 180. ---Mont. and N.Car; n. to Man., e. to Minn., s. to Colo. and Kans., ?N.Car.
- howlandi** Wilcox, 1960: 335. ---Calif.; Ariz.
- jamesi** Wilcox, 1960: 336. ---Calif.
- laguna** Wilcox, 1960: 336. ---Tex.
- lanhami** James, 1941: 35. ---Colo.; N.Mex.
- limatula** Coquillett, 1904: 180. ---N.Mex.; Ariz.
- litoralis** Curran, 1931: 16. ---N.Y.; s. to Fla.
- martini** Wilcox, 1960: 338. ---Calif.; Ariz.
- notata** (Bigot), 1878: 433. (*Triclis*). ---"North America"; Kans., Tex., La., Miss.
- ochreifrons** Curran, 1931: 16. ---Ky.; Ohio, s. to La. and Fla.
- opaca** Coquillett, 1904: 180. ---Tex.; La., Tam., Veracruz.
- rubra** Hull, 1957: 74. ---Ariz.; Utah, Colo.
- rufiventris** Curran, 1931: 17. ---Wyo.; Colo.
- rufofasciata** Curran, 1931: 13. ---Wyo.; Colo.
- sexfasciata** (Say), 1823: 50 (*Dasypogon 6-fasciatus*), ---Mo.; Nebr., Kans.
subfasciata, error.
- sillersi** Hull, 1963: 202. ---Ariz.; Son.
- snowi** Wilcox, 1960: 343. ---Kans.
- sonora** Wilcox, 1960: 343. ---Son.
- texensis** Curran, 1931: 14. ---Tex.; La.
- tolandi** Wilcox, 1960: 344. ---Nev.; Ore., Calif., Utah.

torpida Hull, 1957: 70. ---Calif.

utahensis Wilcox, 1960: 345. ---Utah; Ariz.

varipes Curran, 1931: 15. ---Okla.; Kans., N.Mex., Tex., **MEX**

GENUS **PERASIS** HERMANN

PERASIS Hermann, 1905: 37. Type sp.: *sareptana* Hermann, mon.

There are two undescribed species of *Perasis* in the Nearctic Region (1st occurring in Ariz. and Son., 2nd in Son. and Sinaloa).

TRICLIS, authors, not Loew.

argentifacies (Williston); not Nearctic.

GENUS **PSILOCURUS** LOEW

PSILOCURUS Loew, 1874: 373. Type sp.: *nudiusculus* Loew, mon.

ORTHONEUROMYIA Williston, 1893: 67. Type sp.: *modesta* Williston, mon.

birdi **birdi** Curran, 1931: 9. ---Okla.; e. to Tenn., s. to Tex. and Ala.

ssp. **pallustris** Hull, 1961: 104.--- Miss.

modestus (Williston), 1893: 68. (*Orthoneuromyia modesta*). ---S.Dak.; Kans., N.Mex., Tex.

nudiusculus Loew, 1874: 370. ---Tex.; N.Mex., La., Miss., **MEX**

puellus Bromley, 1934: 92. ---Tex.; Ariz., N.Mex., Son.

pygmaeus Hull, 1961: 101. ---Tex.; N.Mex. [?= *puellus*]

reinhardi Bromley, 1951: 16. ---Tex.; N.Leon., S.L.P.

tibialis Hull, 1961: 102. ---Tex.

GENUS **ZABROPS** HULL

ZABROPS Hull, 1957: 90. Type sp.: *Triclis tagax* Williston, orig. des.

flavipilis (Jones), 1907: 275. (*Triclis*). ---Nebr.; Kans., Iowa, Ohio.

- **janiceae** Fisher, 1977: 211. ---B.Calif.

tagax **tagax** (Williston), 1883: 9 (*Triclis*). ---Calif.; Ariz., Son.

ssp. **argutus** Fisher, 1977: 204. ---B.Calif.; Calif.

o **thologaster** Fisher, 1977: 210. ---B.Calif.; B.Calif.S.

wilcoxi **wilcoxi** Fisher, 1977: 206. ---Calif.

ssp. **arroyalis** Fisher, 1977: 209. ---Calif.

ssp. **playalis** Fisher, 1977: 207. ---Calif.

SUBFAMILY STENOPOGONINAE

TRIBE CYRTOPOGONINI

GENUS **ABLAUTUS** LOEW

- ABLAUTUS** Loew, 1866: 37. Type sp.: *trifarius* Loew, mon.
arnaudi Wilcox, 1966: 675. ---B.Calif.; Calif.
basini Wilcox, 1966: 676. ---Calif.; Oreg., Nev.
californicus Wilcox, 1935: 226. ---Calif.; B.Calif.
coachellus Wilcox, 1966: 677. ---Calif.; Ariz., B.Calif.
colei Wilcox, 1966: 678. ---Wash.; Ore.
coquilletti Wilcox, 1935: 226. ---Calif.; Utah, Ariz., B.Calif., Son.
flavipes Coquillett, 1904: 178. ---Calif.; Utah, Ariz, N.Mex., B.Calif., Son.
linsleyi Wilcox, 1966: 679. ---Calif.
mimus mimus Osten Sacken, 1877: 290 (*Ablautatus*). ---Calif.; B.Calif.
 ssp. *squamipes* Cole, 1924: 11. ---Ariz.; Calif., Utah, Colo., N.Mex.
rufotibialis Back, 1909: 182. ---Tex.; Wyo., Utah, Ariz., N.Mex.
schlingeri Wilcox, 1966: 680. ---Calif.
trifarius Loew, 1866: 36. ---Calif.
vanduzeei Wilcox, 1935: 225. ---Calif.

GENUS **BACKOMYIA** WILCOX & MARTIN

- BACKOMYIA** Wilcox & Martin, 1957: 1. Type sp.: *Eucyrtopogon limpidipennis* Wilcox, orig. des.
anomala Wilcox & Martin, 1957: 3 (orig. spell.: *anomalus*). ---Calif.
hannai Wilcox & Martin, 1957: 4. ---Calif.
limpidipennis (Wilcox) 1936: 204 (*Eucyrtopogon*). ---N.Mex.; Wyo.
schlingeri Wilcox & Martin, 1957: 5. ---Calif.
seminoensis Lavigne, 1971: 337. ---Wyo.

GENUS **CALLINICUS** LOEW

- CALLINICUS** Loew, 1872: 71. Type sp.: *calcaneus* Loew, mon.
CHRYSOCERIA Williston, 1907: 1. Type sp.: ?*Laparus pictitarsis* Bigot, orig. des.
calcaneus Loew, 1872: 70. ---Calif.
 bilimbatum (Bigot), 1878: 411 (*Dasyopogon*); Calif.
pictitarsis (Bigot), 1878: 417 (?*Laparus*). ---Calif.; Nev., Utah, Ariz., B.Calif.
pollenius (Cole) in Cole & Lovett, 1919: 237 (*Chrysoceria pollenia*). ---Oreg.; B.C., Wash. to Mont., s. to Calif. and Utah, Wyo.
quadrinotatus (Bigot), 1878: 412 (*Dasyopogon quadrinotatum*). ---Calif. **N.comb.**
vittatus Wilcox, 1936: 209. ---Calif.

GENUS **COLEOMYIA** WILCOX & MARTIN

- COLEOMYIA** Wilcox & Martin, 1935: 205. Type sp.: *Metapogon setigerum* Cole (as *setiger*), orig. des.
albula (Melander), 1924: 211 (*Metapogon albulus*). ---Wash.; Oreg., Idaho. **N.comb.**
alticola James, 1941: 37. ---Colo.; Utah, N.Mex.
crumborum Martin, 1953: 25. ---Calif.
hinei Wilcox & Martin, 1935: 207. ---Oreg.; B.C., Idaho, Mont.
rainieri Wilcox & Martin, 1935: 211. ---Wash.
rubida Martin, 1953: 27. ---Oreg.; Wash.
sculleni Wilcox & Martin, 1935: 209. ---Oreg.; ?Calif.
setigera (Cole) in Cole & Lovett, 1919: 235 (*Metapogon setigerum*). ---Oreg.; Wash., Calif.

GENUS **CYRTOPOGON** LOEW

- CYRTOPOGON** Loew, 1847: 516 (*Dasypogon* subg.). Type sp.: *Asilus ruficornis* Fabricius, des. Rondani, 1856: 157.
EUARMOSTUS Walker, 1851: 102. Type sp.: *bimacula* Walker, mon.
ablautoides Melander, 1923: 111. ---Wash.; B.C., Oreg., Utah, ?Colo. [? = *thompsoni* Cole]
albifacies Johnson, 1942: 1. ---Utah.
albifrons Wilcox & Martin, 1936: 83. ---Idaho; Oreg.
albovarians Curran, 1924: 279. ---Alta.
aldrichi Wilcox & Martin, 1936: 51. ---Calif.
alleni Back, 1909: 261. ---N.H.; Que. and N.B. to Mass., s. to Ga.
anomalus Cole in Cole & Lovett, 1919: 231. ---Oreg.; B.C. to Calif., Idaho.
auratus Cole in Cole & Lovett, 1919: 230. ---Oreg.; B.C., Alta., Wash., Idaho, Wyo., Utah, Colo.
albitarsis Curran, 1922: 278; Alta.
aurifex Osten Sacken, 1877: 301. ---Calif.; B.C., Alta., Wash., Oreg.
auripilosus Wilcox & Martin, 1936: 30. ---Wash.; Oreg.
banksi Wilcox & Martin, 1936: 79. ---Wash.; Y.T. s. to Calif., Idaho, Wyo., Utah, Colo.
basingeri Wilcox & Martin, 1936: 49. ---Calif.; B.Calif.
beameri Wilcox & Martin, 1936: 84. ---Ariz.
bigelowi Curran, 1924: 277. ---Ont.; Que.
bimaculus (Walker), 1851: 102 (*Euarmostus bimacula*). ---"N.Amer."; Y.T. to Que., s. to Oreg., Utah, and N.Mex.,
 Mich., N.H.
melanopleurus Loew, 1866: 35; Hudson Bay Terr. and N.H.
caesius Melander, 1923: 112. ---Wash.; Oreg., Idaho, Calif., Wyo.
callipedilus **callipedilus** Loew, 1874: 358. ---Calif.; Nev.
 ssp. **nigritarsus** Wilcox & Martin, 1936: 39. ---Calif.
chagnoni Curran, 1939: 1. ---Que.
curtipennis Wilcox & Martin, 1936: 74. ---Calif.

- curtistylus** Curran, 1923: 133. ---Utah; Oreg., Idaho, Mont., Calif., Nev.
- cymbalista** Osten Sacken, 1877: 297. ---Calif.; Nev.
- dasyllis** Williston, 1893: 66. ---Colo.; Alaska, Y.T., N.W.T., B.C. to Calif., Alta., Idaho.
- dasylloides** Williston, 1883: 11. ---Wash.; B.C., Oreg., Idaho, Calif., Utah.
- distinctitarsus** Adisoemarto, 1967: 34. ---Alta.
- dubius** Williston, 1883: 13. ---Oreg.; B.C., Wash.
tacomae Melander, 1923: 116; Wash.
- evidens** Osten Sacken, 1877: 306. ---Calif.; Wash., Oreg., Nev.
- falto** (Walker), 1849: 355 (*Dasygogon*). ---N.S.; w. to B.C., s. to Ill. and Fla.
chrysopogon Loew, 1866: 34; Mass.
- fumipennis** Wilcox & Martin, 1936: 71. ---Wash.; Y.T., B.C., Idaho, Wyo., Utah.
- glarealis** Melander, 1923: 113. ---Wash.; Y.T. s. to Calif., Alta., Idaho, Mont., Wyo., Colo.
- idahoensis** Wilcox & Martin, 1936: 82. ---Idaho; Utah, Colo.
- infuscatus** Cole *in* Cole & Lovett, 1919: 233. ---Oreg.; B.C. to Calif, Idaho, Mont., Wyo., Nev.
- inversus** Curran, 1923: 172. ---B.C.; Alta., Wash., Idaho, Wyo., Nev., Colo.
- jemezi** Wilcox & Martin, 1936: 47. ---N.Mex.; Ariz., Utah, Colo.
- laphriformis** Curran, 1923: 59. ---N.H.; Pa.
- leptotarsus** Curran, 1923: 186. ---Ont.
- lineotarsus** Curran, 1923: 187. ---Alta.; N.W.T., B.C., Mont., Wash., Idaho.
predator Curran, 1923: 188; B.C. **N.syn.**
- longimanus** Loew, 1874: 360. ---Calif.
- lutatius** (Walker), 1849: 357 (*Dasygogon*). ---N.S.; w. to Ont. and Mich., s. to Ohio and Ga.
- lyratus** Osten Sacken, 1878: 232. ---N.Y. and N.H.; Maine, Vt., Pa., N.C., Ga.
- maculipennis** (Macquart), 1834: 298 (*Dasygogon*). ---"Europe"; Ont.
- marginalis** Loew, 1866: 35. ---Mass.; Ont. to N.H., s. to Mich. and Ga.
- montanus montanus** Loew, 1874: 362. ---Calif.; B.C. to Alta., s. to Calif. and N.Mex.
leucozonus Loew, 1874: 364; Calif. **N.syn.**
latericaudus Curran, 1923: 170 (as var.); Alta.
ssp. *wilcoxi* James, 1942: 124. ---Colo.
- nitidus** Cole, 1924: 10. ---Wash.; Oreg., Calif.
- nugator** Osten Sacken, 1877: 307. ---Calif.; B.C. to Calif. and Idaho, ?Ariz., ?N.Mex.
- perspicax** Cole *in* Cole & Lovett, 1919: 233. ---Oreg.; Calif.
- planitarsus** Wilcox & Martin, 1936: 61. ---Oreg.
- platycaudus** Curran, 1924: 251 (orig. spell.: *platycauda*). ---Man.
- plausor** Osten Sacken, 1877: 297. ---N.Mex., Utah, Idaho, Mont.; Wyo., Colo., Nebr.
- praepes** Williston, 1883: 12. ---Wash.; Oreg., Calif.

