

**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.
- nitoris** 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.
- laparoides** 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.

mucidoidea 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. Gistl, 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.
- huron** (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.
- sacrorator** 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 (*Dasyogon* 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.

- princeps** Osten Sacken, 1877: 302. ---Calif.; B.C., Wash., Oreg.
cretaceus Osten Sacken, 1877: 302; Calif.
- profusus** Osten Sacken, 1877: 305. ---N.Mex.; Utah, Colo., Kans.
- pulcher** Back, 1909: 274. ---Colo.; Utah, Ariz., Tex.
- rainieri** Wilcox & Martin, 1936: 77. ---Wash.; Oreg., Calif.
- rattus** Osten Sacken, 1877: 308. ---Calif.; Oreg., Nev., Colo.
- rejectus** Osten Sacken, 1877: 307. ---Calif.; Wash., Oreg., Idaho, Nev., ?Colo.
positivus Osten Sacken, 1877: 307; Calif.
- rufotarsus** Back, 1909: 275. ---Mont.; Oreg., Utah, Colo.
- sabroskyi** Lavigne & Bullington, 1981: 414. ---Wyo.
- sansoni** Curran, 1923: 138. ---Alta.; B.C.
- semitarius** **semitarius** Melander, 1923: 115. ---Wash.; Oreg., Calif.
ssp. californicus Wilcox & Martin, 1936: 37.--- Calif.
- stenofrons** Wilcox & Martin, 1936: 52. ---N.Mex.; Ariz., Utah.
- sudator** Osten Sacken, 1877: 307. ---Calif.; B.C., Wash., Oreg., Idaho, Nev.
- swezeyi** Wilcox & Martin, 1936: 64. ---Utah; Wash., Nev.
- tenuis** Bromley, 1924: 126. ---Maine.
- thompsoni** Cole in Cole & Lovett, 1921: 255. ---Oreg.; Utah.
- tibialis** Coquillett, 1904: 183. ---Ariz.; N.Mex.
- vanduzeei** Wilcox & Martin, 1936: 76. ---Calif.; Wash., Oreg.
- vandykei** Wilcox & Martin, 1936: 27. ---Calif.; B.Calif.
- varans** Curran, 1923: 141. ---Que.; Ont., Mich.
- vulneratus** Melander, 1923: 118. ---Ont.; Alta. to N.S., Maine.
- willistoni** Curran, 1922: 277. ---B.C.; e. to Alta., s. to Calif., Ariz. and Colo.

GENUS **EUCYRTOPOGON** CURRAN

- EUCYRTOPOGON** Curran, 1923: 95. Type sp.: *Cyrtopogon nebulo* Osten Sacken, orig. des.
- albibarbus** Curran, 1923: 117. ---Sask.; Alta., ?Oreg., Mont., Calif., Nev.
- calcaratus** Curran, 1923: 119 (orig. spell.: *calcarata*). ---Alta.; B.C., Wash.
- comantis** Curran, 1923: 116. ---B.C.; Alta., Wyo., Colo., Utah.
- diversipilosis** Curran, 1923: 118. ---B.C.; Y.T., Alta.
- incompletus** Adisoemarto, 1967: 40. ---Alta.
- kelloggi** Wilcox, 1936: 205. ---N.Mex.
- maculosus** (Coquillett), 1904: 184 (*Cyrtopogon*). ---Wash.
- nebulo** (Osten Sacken), 1877: 309 (*Cyrtopogon*). ---Calif.; Y.T., B.C. to Alta., s. to Calif. and Nev., Wyo.
- nigripes** (Jones), 1907: 279 (*Heteropogon*). ---Nebr.

punctipennis (Melander), 1923: 114 (*Cyrtopogon*). ---Idaho; B.C., Wash.

spiniger Curran, 1923: 117 (orig. spell.: *spinigera*). ---B.C.; N.W.T., Alta.

varipennis (Coquillett), 1904: 184 (*Cyrtopogon*). ---Wash.; B.C., Calif.

GENUS **HADROKOLOS** MARTIN

HADROKOLOS Martin, 1959: 3. Type sp.: *Holopogon texanus* Bromley, orig. des.

cazieri Martin, 1959: 3. ---Tex.

pritchardi Martin, 1959: 4. ---Okla.; N.Mex.

texanus (Bromley), 1934: 89 (*Holopogon*). ---Tex.; Okla.

GENUS **HETEROPOGON** LOEW

HETEROPOGON Loew, 1847: 488 (*Dasypogon* subg.). Type sp.: *manicatus* Meigen, des. Back, 1909: 318.

arizonensis Wilcox, 1941: 55. ---Ariz.; Utah.

cazieri Wilcox, 1965: 214. ---Ariz.; N.Mex.

chiricahua Wilcox, 1965: 215. ---Ariz.; N.Mex.

cirrhatum (Osten Sacken), 1877: 293 (*Pycnopogon*). ---Calif.; Wash., Oreg., ?Nebr.

currani Pritchard, 1935: 3. ---Okla.

davisi Wilcox, 1965: 216. ---Ariz.; Calif., Nev.

divisus (Coquillett), 1902: 139 (*Pycnopogon*). ---Chih.; Ariz., N.Mex.

duncani Wilcox, 1941: 54. ---Ariz.; Son.

fisheri Wilcox, 1965: 217. ---Calif.

johnsoni (Back), 1904: 293 (*Anisopogon*). ---Colo.; Ariz., N.Mex., Tex.

lautus Loew, 1872: 72. ---Tex.

ludius (Coquillett), 1893: 20 (*Anisopogon*). ---Calif.; B.Calif.

macerinus (Walker), 1849: 356 (*Dasypogon*). ---N.J.; Iowa to Conn., s. to Ky. and N.C., ?Ga.
gibbus Loew, 1866: 33; Pa.

maculinervis James, 1937: 12. ---Colo.; Mont., Nev., Utah, Ariz.

martini Wilcox, 1965: 218. ---Nev.; Oreg., Calif., Utah, Colo.

patruelis (Coquillett), 1893: 21 (*Anisopogon*). ---Tex.; Ariz., N.Mex., Chih.

paurosomus Pritchard, 1935: 4. ---Ariz.; Son., Sinaloa.

phoenicurus Loew, 1872: 71. ---Tex.

rejectus Williston; not Nearctic.

rubidus (Coquillett), 1893: 21 (*Anisopogon*). ---Calif. [Known only from type.]

rubrifasciatus Bromley, 1931: 432. ---N.C.; Ga., Fla.

senilis (Bigot), 1878: 423 (*Anisopogon senile*). ---Calif.; B.C., Wash., Oreg., Utah.

spatulatus Pritchard, 1935: 5. ---Ariz.; Son.

stonei Wilcox, 1965: 220. ---Ariz.; N.Mex., Utah.

tolandi Wilcox, 1965: 219. ---Calif.

wilcoxi James, 1934: 84. ---Colo.; Alta., Wyo., Ariz., N.Mex., ?Ill.

GENUS **HOLOPOGON** LOEW

SUBGENUS **DASYHOLOPOGON** MARTIN

HOLOPOGON (DASYHOLOPOGON) Martin, 1959: 34. Type sp.: *Holopogon umbrinus* Back, orig. des.

caesariatus Martin, 1959: 35. ---Idaho; Wash. to Calif. and Utah.

crinitis Martin, 1959: 37. ---Calif.

umbrinus Back, 1909: 317. ---Calif.

SUBGENUS **HOLOPOGON** LOEW

HOLOPOGON (HOLOPOGON) Loew (*Dasyopogon* subg). Type sp.: *nigripennis* Meigen, des. Coquillett, 1910: 552.

acropennis Martin, 1959: 13. ---N.Mex.; Ariz., Colo.

albipilosus Curran, 1923: 207. ---B.C.; e. to Man., s. to Calif. and Minn., Nev., Utah.

nigripilosa Adisoemarto, 1967: 27; Alta. **N.syn.**

atrifrons Cole, 1924: 8. ---Calif.; Oreg., Nev., B.Calif.

atripennis Back, 1909: 312. ---N.Mex.; Ariz., Colo.

currani Martin, 1959: 17. ---Ariz.; Nev., Utah, N.Mex., Tex., Son.

fisheri Martin, 1967: 195. ---Coah.

guttulus (Wiedemann), 1821: 228 (*Dasyopogon guttula*). ---Ga.; Pa., N.J., s. to Tex. and Fla.

philadelphicus Schiner, 1867: 360; Pa.

mica Martin, 1967: 196. ---Ariz.

mingusae Martin, 1959: 21. ---Ariz.

oriens Martin, 1959: 22. ---N.C.; Minn. to Conn, s. to Tenn. and S.C.

phaeonotus Loew, 1874: 366. ---Tex.; Ont. and Que., s. to Tex. and Fla.

tibialis Curran, 1923: 207; Ont.

sapphirus Martin, 1967: 198. ---Ariz.; N.Mex.

seniculus Loew, 1866: 36. ---Nebr.; Alta. to Sask. and N.D., s. to Calif. and N.Mex.

snowi Back, 1909: 316. ---Kans.; Okla., Tex.

stellatus Martin, 1959: 28. ---Calif.; B.C., Wash., Oreg., Nev., Utah.

vockerothi Martin, 1959: 31. ---Ont.; Man. to Que., s. to Ill. and Conn., Ga.

wilcoxi Martin, 1959: 33. ---Ariz.; Utah, N.Mex.

GENUS **ITOLIA** WILCOX

ITOLIA Wilcox, 1936: 201. Type sp.: *maculata* Wilcox, orig. des.

atripes Wilcox, 1949: 193. ---Ariz.; Calif., Nev., B.Calif., Son.

maculata Wilcox, 1936: 202. ---Ariz.; Son.

pilosa Martin, 1966: 214. ---Son.

timberlakei Wilcox, 1949: 192. ---Calif.; Ariz., B.Calif.

GENUS **METAPOGON** COQUILLET

METAPOGON Coquillett, 1904: 181. Type sp.: *gilvipes* Coquillett, orig. des.

amargosae Wilcox, 1972: 46. ---Nev.; Calif., Ariz.

carinatus Wilcox, 1964: 193. ---Calif.; B.Calif., ?Utah.

gibber (Williston), 1883: 14 (?*Cyrtopogon*). ---Calif.; B.Calif.

gilvipes Coquillett, 1904: 182. ---Calif.

holbrooki Wilcox, 1964: 195. ---Ariz.

hurdi Wilcox, 1964: 195. ---Calif.

leechi Wilcox, 1964: 197. ---B.Cal.S.

obispae Wilcox, 1972: 47. ---Calif.

pictus Cole, 1916: 65 (orig. spell.: *pictum*). ---Calif.; Nev.

punctipennis Coquillett, 1904: 182. ---N.Mex.; Calif., Ariz., Tex., Coah.

tarsalus Wilcox, 1964: 198. ---Calif.

tricellus Wilcox, 1964: 199. ---Calif.; Nev., B.Calif.

GENUS **NANNOCYRTOPOGON** WILCOX & MARTIN

NANNOCYRTOPOGON Wilcox & Martin, 1936: 449. Type sp.: *Cyrtopogon cerussatus* Osten Sacken, orig. des.

antennatus Wilcox & Martin, 1957: 378. ---Calif.;

aristatus James, 1942: 126. ---Colo.; Utah.

arnaudi Wilcox & Martin, 1957: 379. ---Calif.

atripes Wilcox & Martin, 1936: 456. ---Idaho; Wash., Oreg., Calif.

bruneri Wilcox & Martin, 1957: 380. ---Calif.

cerussatus (Osten Sacken), 1877: 308 (*Cyrtopogon*). ---Calif.

crumbi Wilcox & Martin, 1957: 380. ---Ariz.

deserti Wilcox & Martin, 1957: 380. ---Calif.

howlandi Wilcox & Martin, 1957: 382. ---Calif.

inyoi Wilcox & Martin, 1957: 384. ---Calif.

irvinei Wilcox & Martin, 1957: 384. ---Calif.

- jbeameri** Wilcox & Martin, 1957: 385 (orig. spell.: *j-beameri*). ---Calif.
- lestomyiformis** Wilcox & Martin, 1936: 454. ---Calif.; B.Calif.
- mingusi** Wilcox & Martin, 1957: 386. ---Ariz.; Calif., Nev., Utah.
- minutus** Wilcox & Martin, 1936: 455. ---Calif.
- monrovia** Wilcox & Martin, 1936: 453. ---Calif.
- neoculatus** Wilcox & Martin, 1957: 386. ---Calif.
- nevadensis** Wilcox & Martin, 1957: 387. ---Nev.; Calif.
- nigricolor** (Coquillett), 1904: 183 (*Cyrtopogon*). ---Calif.
- nitidus** Wilcox & Martin, 1957: 388. ---Calif.
- oculatus** Wilcox & Martin, 1936: 452. ---Calif.
- richardsoni** Wilcox & Martin, 1957: 389. ---Calif.
- sequoia** Wilcox & Martin, 1957: 389. ---Calif.
- stonei** Wilcox & Martin, 1957: 389. ---Calif.
- timberlakei** Wilcox & Martin, 1957: 390. ---Calif.
- tolandi** Wilcox & Martin, 1957: 391. ---Calif.
- vanduzeei** Wilcox & Martin, 1936: 451. ---Calif.
- vandykei** Wilcox & Martin, 1957: 391. ---Calif.

GENUS **PRITCHARDOMYIA** WILCOX

- PRITCHARDOMYIA** Wilcox, 1965: 208. Type sp.: *Anisopogon vespoides* Bigot, orig. des.
vespoides (Bigot), 1878: 423 (*Anisopogon*). ---Calif.

GENUS **SINTORIA** HULL

- SINTORIA** Hull, 1962: 197. Type sp.: *emeralda* Hull, orig. des.
cazieri Wilcox, 1972: 52. ---Utah; Ariz., N.Mex.
cyanea Wilcox, 1972: 53. ---Ariz.; Calif., Nev.
mojavae Wilcox, 1972: 56; Calif. **N.syn.**
pappi Wilcox, 1972: 57. ---Tex.; N.Mex.

GENUS **WILCOXIA** JAMES

- WILCOXIA** James, 1941: 38. Type sp.: *cinerea* James, orig. des.
cinerea James, 1941: 39. ---Colo.
martinorum Wilcox, 1972: 43. ---Calif.; Nev., Ariz., Son.
monae Wilcox, 1972: 44. ---Calif.; Nev.
painteri Wilcox, 1972: 45. ---N.Mex.; Utah, Ariz.
pollinosa Wilcox, 1972: 45. ---N.Mex.; Tex.

TRIBE CERATURGINI

GENUS CERATURGUS WIEDEMANN

- CERATURGUS** Wiedemann, 1824: 12. Type sp.: *Dasygogon aurelentus* Fabricius, mon.
CERATURGOPSIS Johnson, 1903: 111. Type sp.: *Dasygogon cornutus* Wiedemann, orig. des.
aurulentus (Fabricius), 1805: 166 (*Dasygogon*). ---N.Y.; Mich. to Mass., s. to Ohio and N.J., N.C., Ga.
cornutus (Wiedemann), 1828: 382 (*Dasygogon*). ---"N.Amer."; Ark., Tenn., Fla.
cruciatus (Say), 1823: 52 (*Dasygogon*). ---Ark.; S.Dak. to Maine, s. to Kans. and Fla.
fasciatus Walker, 1849: 367; N.Y.
elizabethae Brimley, 1924: 8. ---N.C.; Ind., Ky.
johnsoni Martin, 1965: 119. ---Fla.
mabelae Brimley, 1924: 11. ---N.C.
mittelli Brimley, 1924: 9. ---N.C.; Ohio, Tex., Fla.
nigripes Williston, 1886: 287. ---Ga.; N.C., Fla.
oklahomensis (Bromley), 1934: 225 (*Ceraturgopsis*). ---Okla.
similis Johnson, 1912: 152. ---Mass.; Vt., N.Y., Pa.

TRIBE DIOCTRIINI

GENUS DIOCTRIA MEIGEN

- DIOCTRIA** Meigen, 1803: 270. Type sp.: *Asilus oelandicus* Linnaeus, des. Latreille, 1810: 443.
baumhaueri Meigen, 1820: 245. ---"Europe"; intro. to east. N. America--Ont. and Que., s. to Mich. and Pa.
 [? = *hyalipennis* Fabricius]
henshawi Johnson, 1918: 103 (n. name for *flavipes* Banks). ---Wash.; B.C. to Calif. and Utah.
flavipes Banks, 1917: 119 (preocc. Meigen, 1804); Wash.
vertebrata Cole in Cole & Lovett, 1919: 230; Oreg.
pleuralis Banks, 1917: 118. ---Calif.; Ariz.
pusio Osten Sacken, 1877: 288. ---Calif.; B.C. to Calif. and Utah, Colo., B.Calif.
vera Back, 1909: 256. ---Calif.; e. to Colo. and N.Mex.
wilcoxi Adisoemarto & Wood, 1975: 518. ---Calif.

GENUS NANNODIOCTRIA WILCOX & MARTIN

- NANNODIOCTRIA** Wilcox & Martin, 1942: 35 (*Dioctria* subg.; n. name for *Neodioctria* Wilcox & Martin). Type sp.:
albicornis Wilcox & Martin, aut.
NEODIOCTRIA Wilcox & Martin, 1941: 7 (*Dioctria* subg.; preocc. Ricardo, 1912). Type sp.: *albicornis* Wilcox & Martin,
 orig. des.
albicornis (Wilcox & Martin), 1941: 7. ---Calif.
seminole (Bromley), 1924: 125. (*Dioctria*). ---Fla.

TRIBE ECHTHODOPINI

GENUS **BOHARTIA** HULL

BOHARTIA Hull, 1958: 317. Type sp.: *bromleyi* Hull, orig. des.

bromleyi Hull, 1958: 318. ---Nev.

isabella Adisoemarto & Wood, 1975: 531. ---Calif.; Nev.

martini Adisoemarto & Wood, 1975: 531. ---Calif.; Wash., Idaho, s. to Calif. and Ariz., Wyo.

munda Adisoemarto & Wood, 1975: 532. ---Calif.

nitor Adisoemarto & Wood, 1975: 532. ---Calif.

senecta Adisoemarto & Wood, 1975: 532. ---B.Calif.

tenuis Adisoemarto & Wood, 1975: 533. ---Ariz.

GENUS **DICOLONUS** LOEW

DICOLONUS Loew, 1866: 32. Type sp.: *simplex* Loew, mon.

medius Adisoemarto & Wood, 1975: 524 (orig. spell.: *medium*). ---Calif.; Nev.

nigricentrus Adisoemarto & Wood, 1975: 525. (orig. spell.: *nigricentrum*). ---Idaho; B.C. to Oreg. and Idaho.

simplex Loew, 1866: 32. ---Calif.; n. to B.C.

sparsipilosus Back, 1909: 247. (orig. spell.: *sparsipilosum*). ---Mont.; Calif., Utah, Colo.

pulchrum Adisoemarto & Wood, 1975: 525; Calif. **N.syn.**

GENUS **ECHTHODOPA** LOEW

ECHTHODOPA Loew, 1866: 16. Type sp.: *pubera* Loew, mon.

ECHTHOPODA, Loew, 1872: (emend.); Martin & Wilcox, 1965: (error).

carolinensis Bromley, 1951: 9. ---N.C.

formosa (Loew), 1872: 62 (*Echthopoda*). ---Pa.; Mass. to Miss. and Ga.

pubera Loew, 1866: 15. ---Nebr.; Wash., Idaho, Wyo., S.Dak. to Mich., s. to Tex.

GENUS **EUDIOCTRIA** WILCOX & MARTIN

EUDIOCTRIA Wilcox & Martin, 1941: 8 (*Dioctria* subg.). Type sp.: *albius* Walker, orig. des.

albius (Walker), 1849: 301 (*Dioctria*). ---N.Y.; Wis. to Que., s. to Pa., Tenn. and N.C.

aurifacies Wilcox & Martin, 1941: 11 (as form); Wis.

xanthopennis Wilcox & Martin, 1941: 12 (as form); Wis.

beameri (Wilcox & Martin), 1941: 13 (*Dioctria*, subg. *Eudioctria*). ---Calif.

brevis Banks, 1917: 117. (*Dioctria*). ---N.Y., N.J., Ohio, N.C.; Ohio to Mass., s. to Tenn. and N.C.

denuda (Wilcox & Martin), 1941: 17 (*Dioctria*, subg. *Eudioctria*). ---Calif.

disjuncta Adisoemarto & Wood, 1975: 544. ---Tex.

dissimilis Adisoemarto & Wood, 1975: 541. ---Calif.

- doanei** (Melander), 1924: 214. (*Dioctria*). ---Calif.
- media** (Banks), 1917: 118 (*Dioctria*). ---Calif.; Wash., Oreg., Idaho.
- monrovia** (Wilcox & Martin), 1941: 15 (*Dioctria*, subg. *Eudioctria*). ---Calif.
- nitida** (Williston), 1883: 8 (*Dioctria*). ---Wash.; B.C., Oreg., Calif.
- propinqua** (Bromley), 1924: 125 (*Dioctria*). ---Mass.; Que. to N.S., s. to Tenn. and N.C., Mich.
- sackeni** (Williston), 1883: 8 (*Dioctria*). ---Wash.; B.C. to Calif., Idaho and Mont.
rivalis Melander, 1924: 215 (*Dioctria*; as form); Idaho.
- tibialis** (Banks), 1917: 118 (as *longicornis* var.). ---D.C., Va.; Pa., N.J., Md., Ark.
longicornis Banks, 1917: 118 (*Dioctria*; preocc. Meigen, 1820); Va.
banksi Johnson, 1918: 103 (*Dioctria*; n. name for *longicornis* Banks); Va.
- unica** Adisoemarto & Wood, 1975: 543. ---Calif.

GENUS **METADIOCTRIA** WILCOX & MARTIN

- METADIOCTRIA** Wilcox & Martin, 1941: 19 (*Dioctria* subg.). Type sp.: *rubida* Coquillett, orig. des.
- parvula** (Coquillett), 1893: 80 (*Dioctria parvulus*). ---Calif. **N.comb.**
- resplendens** (Loew), 1872: 62 (*Dioctria*). ---Calif.; Nev.
- rubida** (Coquillett), 1893: 80 (*Dioctria rubidus*). ---Calif.
nigripilosa Wilcox & Martin, 1941: 19 (*Dioctria*, subg. *Metadioctria*; as form); Calif.
atripes Wilcox & Martin, 1941: 20 (*Dioctria*, subg. *Metadioctria*; as form); Calif.

GENUS **MYELAPHUS** BIGOT

- MYELAPHUS** Bigot, 1882: xci. Type sp.: *melas* Bigot, mon.
- lobicornis** (Osten Sacken), 1877: 287 (*Ceraturgus*). ---Idaho; B.C. to Calif. and Utah, Colo.
- melas** Bigot, 1882: xci. ---Calif.
rufus Williston, 1883: 7; Calif.

TRIBE ENIGMOMORPHINI

GENUS **ARCHILESTRIS** LOEW

ARCHILESTRIS Loew, 1874: 377 (n. name for *Archilestes* Schiner). Type sp.: *Dasygogon capnopterus* Wiedemann, aut.

ARCHILESTES Schiner, 1866: 672 (preocc. Selys, 1862). Type sp.: *Dasygogon capnopterus* Wiedemann, des. Schiner, 1868: 168.

PSEUDARCHILESTES Bigot, 1889: clxxxiii (unnec. change of name).

magnificus (Walker), 1854: 427 (*Dasygogon*). ---"Mexico"; Ariz., N.Mex., to south. Mexico.

GENUS **DICRANUS** LOEW

DICRANUS Loew, 1851: 13 (*Microstylum* subg.). Type sp.: *Dasygogon rutilus* Wiedemann, orig. des.

jaliscoensis Williston, 1901: 302. ---Jal. and Nayarit; Ariz., Son. to Jal.

GENUS **MICROSTYLUM** MACQUART

MICROSTYLUM Macquart, 1838: 26. Type sp.: *Dasygogon venosus* Wiedemann, des. Back, 1909: 213.

galactodes Loew, 1866: 25. ---N.Mex.; Ariz., Kans., Tex., Chih., Coah.

mexicanus Martin, 1960: 44. ---N.Leon; S.L.P.

morosum Loew, 1872: 67. ---Tex.; Ariz., N.Mex., Okla., Tam.

pollens Osten Sacken, 1878: 230; Tex.

GENUS **PROLEPSIS** WALKER

PROLEPSIS Walker, 1851: 101. Type sp.: *fumiflamma* Walker, mon. (= *lucifer* Wiedemann).

DIZONIAS Loew, 1866: 29. Type sp.: *phoenicurus* Loew, des. Coquillett, 1910: 534 (= *tristis* Walker).

tristis (Walker) 1851: 93 (*Dasygogon*). ---"U. S."; Calif. to Mo. and N.C., s. to Tex., Fla., and south. Mexico.

phoenicurus Loew, 1866: 29 (*Dizonias*); Tam.

bicinctus Loew, 1866: 30 (*Dizonias*); N.Mex.

pilatei Johnson, 1903: 112 (*Dizonias*); Ga.

albifasciatus Back, 1904: 292 (*Ospriocerus*); Fla.

TRIBE PLESIOMMATINI

GENUS **PLESIOMMA** MACQUART

PLESIOMMA Macquart, 1838: 54. Type sp.: *testacea* Macquart, des. Back, 1909: 306.

unicolor Loew, 1866: 20. ---N.Mex.; Tex.

TRIBE STENOPOGONINI

GENUS **OSPRIOCERUS** LOEW

- OSPRIOCERUS** Loew, 1866: 29. Type sp.: *Dasyopogon aeacus* Wiedemann, des. Back, 1909: 184; (= *abdominalis* Say).
- aeacidinus** (Williston), 1886: 289 (*Stenopogon*). ---Kans.; Mont., Colo., Nebr., s. to Tex., Coah. and Tam.
- aeacus** (Wiedemann), 1828: 390 (*Dasyopogon*; n. name for *abdominalis* Say). ---Northwest Territory (U.S.); B.C. to Sask. and Minn., s. to Calif. and Tex., B.Cal.S., Son., Chih., Tam., Dur., Zac., Jal., Mex. **N.stat.**
Wiedemann proposed *aeacus* as new name for *abdominalis* Say 1824 when that species preocc. in *Dasyopogon* by *abdominalis* Say 1823 (now in *Holcocephala*). Listing of Pa. as type loc. by Wiedemann invalid; replacement species automatically assumes original type loc.
abdominalis Say, 1824: 375 (*Asilus*; preocc. Wiedemann, 1821); Northwest Territory (U.S.) [*abdominalis* Say 1824 is junior primary homonym of *Asilus abdominalis* Wiedemann 1821 (now in *Efferia*).]
aeacides Loew, 1866: 29; Calif.
ventralis Coquillett, 1898: 37; Ariz.
- alamosensis** Martin, 1968: 409. ---Son.; Sinaloa, Nayarit.
- arizonensis** (Bromley), 1937: 305 (*Stenopogon*). ---N.Mex.; Ariz., Son., Chih.
- brevis** Martin, 1968: 411. ---Calif.; Nev., Ariz., B.Calif., Son.
- ebyi** (Bromley), 1937: 305 (*Stenopogon*). ---Tex.
- galadae** Martin, 1968: 414. ---Tex.
- latipennis** (Loew), 1866: 28 (*Stenopogon*). ---N.Mex.; Alta. and Man., s. to N.Mex. and Tex., Chih., Tam.
consanguineus Loew, 1866: 27 (*Stenopogon*); Nebr.
- longulus** (Loew), 1866: 28 (*Stenopogon*). ---N.Mex.; Ariz., Utah, Colo., Okla., Tex., Coah., Tam., S.L.P.
tinkhami Bromley, 1951: 7 (*Stenopogon*); Tex. **N.syn.**
- minos** Osten Sacken, 1877: 291. ---Colo.; Utah, Ariz., N.Mex., Tex., Son., Chih., Dur.
- nitens** (Coquillett), 1904: 34 (*Stenopogon*). ---Tex.; Tam.
monki Bromley, 1934: 225; Tex.
- painterorum** Martin, 1968: 417. ---Coah.
- parksi** Bromley, 1934: 89. ---Tex.
- pumilus** (Coquillett), 1904: 33 (*Stenopogon*). ---Tex.; Kans., Okla. **N.comb.**
- rhadamanthus** Loew, 1866: 29. ---N.Mex.; Kans., Tex., N.Leon.
eutrophus Loew, 1874: 355; Tex.
- sinaloensis** Martin, 1968: 418. ---Son.; Sinaloa.
- tenebrosus** (Coquillett), 1904: 33 (*Stenopogon*). ---Tex.; N.Mex., Chih., N.Leon.
- tequilae** Martin, 1968: 419. ---Jal.; Ariz., Son., s. to Costa Rica.
- vallensis** Martin, 1968: 420. ---Idaho; Wash. to Mont., s. to Calif. and Colo.
- villus** Martin, 1968: 421. ---Tex.
- youngi** Martin, 1968: 421. ---Tam.

GENUS **SCLEROPOGON** LOEW

- SCLEROPOGON** Loew, 1866: 26. Type sp.: *picticornis* Loew, mon.
bradleyi (Bromley), 1937: 309 (*Stenopogon*). ---Calif.; B.C. to Calif., Nev., Utah.
cinerascens (Back), 1909: 208 (*Stenopogon*). ---Tex.
coyote (Bromley), 1931: 429 (*Stenopogon*). ---Wyo.; Alta. to N.Dak., s. to Ariz. and Tex.
dispar (Bromley), 1937: 306 (*Stenopogon*). ---Ariz.; Son.
duncani (Bromley), 1937: 307 (*Stenopogon*). ---N.Mex.; Calif., Nev., Utah, Ariz., B.Calif., B.Cal.S., Son.
elizabethae (Martin), 1968: 379 (*Stenopogon*). ---Chih.; Dur. **N.comb.**
floridensis (Bromley), 1951: 6 (*Stenopogon*). ---Fla.
haigi Wilcox, 1971: 100. ---Ariz.; Son., Sinaloa, Dur.
helvolus Loew, 1874: 355. ---Tex.; S.Dak. to Tex. and Colo.
huachucanus (Hardy), 1942: 57 (*Stenopogon*). ---Ariz.
indistinctus (Bromley), 1937: 308 (*Stenopogon*). ---Ariz.; Utah, Colo. and Okla., s. to Ariz., Tex., Coah., N.Leon. and Zac.
kelloggi (Wilcox) *in* Bromley, 1937: 307 (*Stenopogon*). ---N.Mex.; Ariz., Tex.
neglectus (Bromley), 1931: 430 (*Stenopogon*). ---Wyo.; B.C. and Alta., s. to Calif. and N.Mex.
nigrolimbatus (Martin), 1968: 389 (*Stenopogon*). ---N.Leon.; Coah. **N.comb.**
picticornis Loew, 1866: 26. ---Calif.; Mont., Wyo. and S.Dak., s. to Calif. and Tex., B.Cal.S., Son., Chih., Sinaloa.
uhleri Banks, 1920: 66 (*Stenopogon*); Colo.
petilus Martin, 1968: 392 (*Stenopogon*); Son. **N.syn.**
silaceus (Martin), 1968: 395 (*Stenopogon*). ---Guan.; S.L.P., Hid., Zac., Mex., Morelos. **N.comb.**
similis Jones, 1907: 274. ---Nebr.; [= *helvolus* Loew.]
subulatus (Wiedemann), 1828: 375 (*Dasyopogon*). ---Ga.; Kans. to N.C., s. to N.Mex. and Fla.
texanus (Bromley), 1931: 431 (*Stenopogon*). ---Tex.; N.Mex., Tam., Hid.
xochimilcae (Martin), 1968: 396 (*Stenopogon*). ---Mexico (D.F.); n. to Jal. **N.comb.**

GENUS **STENOPOGON** LOEW

- STENOPOGON** Loew, 1847: 453 (*Dasyopogon* subg.). Type sp.: *Asilus sabaudus* Fabricius, des. Coquillett, 1904: 179.
adelantae Wilcox, 1971: 13. ---Calif.
albibasis Bigot, 1878: 422. ---Calif.; Oreg., Nev.
antoniae Wilcox, 1971: 82. ---Calif.
bakeri Wilcox, 1971: 84. ---Calif.
bartonae Wilcox, 1971: 17. ---Calif.
blaisdelli Wilcox, 1971: 41. ---Calif.; B.Calif.
boharti Bromley, 1951: 6. ---Ariz.; Calif., B.Calif., B.Cal.S., Son., Chih.

- breviusculoides** Bromley, 1937: 299. ---Calif.
- breviusculus** Loew, 1872: 68. ---Calif.; B.Calif.
- bromleyi** Wilcox, 1971: 52. ---Calif.
- brookmani** Wilcox, 1971: 33. ---Calif.
- californiae** (Walker), 1849: 322 (*Dasypogon*). ---Calif.
- californioides** Bromley, 1937: 304. ---Calif.
- cazieri** Brookman, 1941: 78. ---Calif.
- diablae** Wilcox, 1971: 72. ---Calif.
- engelhardti** Bromley, 1937: 301. ---Calif.; Idaho, Nev., Utah, B.Calif.
- englandi** Wilcox, 1971: 45. ---Calif.
- felis** Bromley, 1931: 429. ---Calif.; B.Calif.
- figueroae** Wilcox, 1971: 19. ---Calif.
- flavotibialis** Martin, 1968: 380. ---B.Calif.; [? = *engelhardti* Bromley].
- gratus** Loew, 1872: 69. ---Calif.
univittatus Loew, 1872: 69; Calif.
- hamus** Martin, 1968: 385. ---B.Calif.
- inquinatus** Loew, 1866: 27. ---Nebr.; B.C. to Man. and Minn., s. to Calif. and Tex.
modestus Loew, 1866: 26; Minn.
morosus Loew, 1874: 356; Calif.
- inyae** Wilcox, 1971: 66. ---Calif.
- jubatoides** Bromley, 1937: 297. ---Calif.
- jubatus** (Coquillett) in Baker, 1904: 38 (*Scleropogon*). ---Calif.; B.Calif., ?Ariz.
nigriverticellus Bromley, 1937: 298; Calif.
- jurupae** Wilcox, 1971: 34. ---Calif.
- kirkwoodi** Wilcox, 1971: 47. ---Calif.
- linsleyi** Wilcox, 1971: 35. ---Calif.
- lomae** Wilcox, 1971: 20. ---Calif.
- macswaini** Wilcox, 1971: 58. ---Calif.
- martini** Bromley, 1937: 303. ---Idaho; Wash. to Mont., s. to Calif., N.Mex. and Kans.
- melanderi** Wilcox, 1971: 59. ---Calif.
- mojavae** Wilcox, 1971: 68. ---Calif.
- neojubatus** Wilcox & Martin, 1945: 10. ---Calif.
- nigritulus** Coquillett, 1904: 179. ---Calif.; Ariz., B.Calif.
arnaudi Martin, 1968: 375; B.Calif. **N.syn.**
- obispae** Wilcox, 1971: 85. ---Calif.

- obscuriventris** Loew, 1872: 69. ---Calif.; B.Calif.
andersoni Bromley, 1937: 302; Calif.
timberlakei Bromley, 1937: 302; Calif.
- ozenae** Wilcox, 1971: 24. ---Calif.
- pinyonae** Wilcox, 1971: 62. ---Calif.
- powelli** Wilcox, 1971: 36. ---Calif.
- propinquus** Bromley, 1937: 298. ---Oreg.; Calif.
- rafaelae** Wilcox, 1971: 86. ---Calif.
- rossi** Martin, 1968: 393. ---B.Cal.S. [? = *boharti*].
- rufibarbis** Bromley, 1931: 431. ---Calif.; B.C. and Alta., s. to Calif., Ariz. and Colo.
- rufibarboides** Bromley, 1937: 301. ---Calif.
- stonei** Bromley, 1937: 298. ---B.Calif.
- tolandi** Wilcox, 1971: 80. ---Calif.; Nev.
- utahensis** Bromley, 1951: 8. ---Utah; Calif., Nev., Ariz.
- wilcoxi** Bromley, 1937: 300. ---Calif.; B.Calif.
- williamsi** Wilcox, 1971: 38. ---Calif.; B.Calif.

TRIBE WILLISTONINI

GENUS WILLISTONINA BACK

- WILLISTONINA** Back *in* Williston, 1908: 389. Type sp.: *Habropogon bilineatus* Williston, orig. des.
- bilineata bilineata** (Williston), 1883: 11 (?*Habropogon bilineatus*). ---Calif.; Wash., Oreg.
 ssp. **nigrofemorata** Wilcox, 1935: 33. ---Calif.; B.C., Oreg. to Mont., s. to Calif. and Utah, B.Calif.

SUBFAMILY STICHOPOGONINAE

GENUS **LASIOPOGON** LOEW

- LASIOPOGON** Loew, 1847: 508 (*Dasyogon* subg.). Type sp.: *pilosellus* Loew (as *Dasyogon hirtellus*, Meigen, not Fallen), des. Rondani, 1856: 156; Coquillett, 1910: 558.
- DAULOPOGON** Loew, 1874: 377 (unjust. n. name for *Lasiopogon* Loew). Type sp.: *Dasyogon pilosellus* Loew, aut.
- ALEXIOPOGON** Curran, 1934: 183. Type sp.: *Daulopogon terricola* Johnson, orig. des.
- actius** Melander, 1923: 138. ---Wash.; B.C., Oreg.
- albidus** Cole & Wilcox, 1938: 21. ---Wash.; Oreg., Utah.
- aldrichii** Melander, 1923: 139. ---Idaho; B.C. to Oreg. and Utah, Alta., Colo.
- arenicola** (Osten Sacken), 1877: 310 (*Daulopogon*). ---Calif.
- aridus** Cole & Wilcox, 1938: 25. ---N.Mex.
- atripennis** Cole & Wilcox, 1938: 27. ---Oreg.
- bivittatus** Loew, 1866: 33. ---Calif.; Wash., Oreg.
- californicus** Cole & Wilcox, 1938: 31. ---Calif.; Nev.
- canus** Cole & Wilcox, 1938: 32. ---Alaska; Y.T., N.W.T., Alta.
- carolinensis** Cole & Wilcox, 1938: 34. ---N.C.; Ind., Ohio, S.C.
- chaetosus** Cole & Wilcox, 1938: 36. ---Wash.; Oreg.
- cinereus** Cole in Cole & Lovett, 1919: 229. ---Oreg.; B.C. to Calif., Alta., Mont., Wyo., Utah.
- currani** Cole & Wilcox, 1938: 40. ---Mass.; Maine to Ga.
- delicatulus** Melander, 1923: 140. ---Wash.
- dimicki** Cole & Wilcox, 1938: 44. ---Oreg.
- drabicola** Cole, 1916: 65 (orig. spell.: *drabicolum*). ---Calif.; B.Calif.
- fumipennis** Melander, 1923: 141. ---Wash.; B.C. to Calif, Idaho, Colo.
coloradensis Cole & Wilcox, 1938: 49 (as var.); Colo.
olympia Cole & Wilcox, 1938: 49 (as var.); Wash., B.C.
- gabrielii** Cole & Wilcox, 1938: 49. ---Calif.; B.Calif.
- hinei** Cole & Wilcox, 1938: 51. ---Alaska; Y.T., Alta.
- littoris** Cole, 1924: 8. ---Calif.
- martinorum** Cole & Wilcox, 1938: 54 (orig. spell.[incorrect]: *martinensis*). ---Wash.
- monticola** Melander, 1923: 142. ---Wash.; B.C. to Mont., s. to Calif. and Utah.
- oklahomensis** Cole & Wilcox, 1938: 57. ---Okla.
- opaculus** Loew, 1874: 367. ---Ill.; Ohio, Md., N.C., Ga.
- pacificus** Cole & Wilcox, 1938: 61. ---Oreg.; B.C., Wash.
- polensis** Lavigne, 1969: 363. ---Wyo.
- primus** Adisoemarto, 1967: 16 (orig. spell.: *prima*). ---Alta.; Y.T., N.W.T., B.C.

- pugeti** Cole & Wilcox, 1938: 62. ---Wash.; Oreg.
- quadrivittatus** Jones, 1907: 278. ---Nebr.; Alta., Mont., N.Dak., Wyo., Colo.
- ripicola** Melander, 1923: 143. ---Wash.; Oreg., Idaho.
- shermani** Cole & Wilcox, 1938: 67. ---S.C.; N.C.
- slossonae** Cole & Wilcox, 1938: 70. ---N.H.; N.J., Va.
- terricola** (Johnson), 1900: 326 (*Daulopogon*). ---Mass.; Alta. to Mich. and N.Y., Ind. and Va.
- testaceus** Cole & Wilcox, 1938: 72. ---Calif.; Oreg., Nev.
- tetragrammus** Loew, 1874: 368. ---"Canada"; Que., N.Y., N.H., Mass., Conn.
- trivittatus** Melander, 1923: 144. ---Mont.; Alta.
- willametti** Cole & Wilcox, 1938: 77. ---Oreg.; B.C., Wash.
puyallupi Cole & Wilcox, 1938: 79 (as var.); Wash.
- yukonensis** Cole & Wilcox, 1938: 79. ---Y.T.
- zonatus** Cole & Wilcox, 1938: 80. ---Calif.; B.Calif.

GENUS LISSOTELES BEZZI

- LISSOTELES** Bezzi, 1910: 178. Type sp.: *hermanni* Bezzi, orig. des.
- aquilonius** Martin, 1961: 8. ---Mexico (Nayarit); B.Calif., B.Cal.S., Son., Sinaloa.
- vanduzeei** Cole, 1923: 465. ---B.Calif.; B.Cal.S.

GENUS STICHOPOGON LOEW

- STICHOPOGON** Loew, 1847: 499 (*Dasyopogon* subg.). Type sp.: *elegantulus* Wiedemann, des. Back, 1909: 332.
- NEOPOGON** Bezzi, 1910: 147. Type sp.: *Dasyopogon trifasciatus* Say, orig. des.
- abdominalis** Back, 1909: 332. ---Fla.
- arenicola** Wilcox, 1936: 207. ---Ariz.
- argenteus** (Say), 1823: 51 (*Dasyopogon*). ---Pa. and Md.; Man. and Ont. to Mass., s. to Colo. and Md.
- catulus** Osten Sacken, 1887: 170. ---Ariz. [as n. Son.]; N.Mex., Son.
- colei** Bromley, 1934: 90. ---Tex.; Okla.
- coquillettii** (Bezzi), 1910: 151 (*Neopogon*). ---Calif.
- fragilis** Back, 1909: 334. ---N.Mex.; Wash. and Idaho, s. to B.Cal.S. and N.Mex.
- pritchardi** Bromley, 1951: 8. ---Kans.; Colo. and Nebr., s. to N.Mex. and Tex.
- salinus** (Melander), 1924: 216 (*Neopogon*). ---Utah; Idaho, Nev.
- trifasciatus** (Say), 1823: 51 (*Dasyopogon*). ---Pa. and Md.; Alta. to Que., entire U.S., s. to south. Mexico.
plagiata Walker, 1848: 223 (*Thereva*); Mass.
gelascens Walker, 1860: 277 (*Dasyopogon*); "Mexico" [Mass. = error].
snowii Bezzi, 1910: 149; Kans.

GENUS TOWNSENDIA WILLISTON

- TOWNSENDIA** Williston, 1895: 107. Type sp.: *minuta* Williston, mon.
- albomacula** Martin, 1966: 545. ---Mexico (Nayarit); Ariz., Sinaloa, s. to south. Mexico.

- arenicola** Scarbrough *in* Scarbrough, et al., 1995: 691. ---Fla.
- dilata** Martin, 1966: 546. ---Mexico (Veracruz); ?Ariz., south. Mexico.
- minuta** Williston; not Nearctic.
- nigra** Back, 1909: 175 (orig. spell.: *niger*). ---N.J.; Tex., La., Ky., Ga., ?Fla.
- pulcherrima** Back, 1909: 177. ---Tex.

SUBFAMILY TRIGONOMIMINAE

GENUS **BROMLEYUS** HARDY

- BROMLEYUS** Hardy, 1944: 226. Type sp.: *flavidorsus* Hardy, orig. des.
- flavidorsus** Hardy, 1944: 226. ---Ariz.

GENUS **HAPLOPOGON** ENGEL

- HAPLOPOGON** Engel, 1930: 409. Type sp.: *nudus* Engel, orig. des.
- bullatus** (Bromley), 1934: 89 (*Holcocephala bullata*). ---Tex.; Coah. MEX
- dicksoni** Wilcox, 1966: 101. ---Ariz.; Calif.
- erinus** Pritchard, 1941: 351. ---Ariz.
- latus** (Coquillett), 1904: 33 (*Holopogon*). ---Tex.; N.Leon.
lautus =error.
- parkeri** Wilcox, 1966: 103. ---Ariz.
- triangulatus** Martin, 1955: 316. ---Tex.
- utahensis** Wilcox, 1966: 104. ---Utah.

GENUS **HOLCOCEPHALA** JAENNICKE

- HOLCOCEPHALA** Jaennicke, 1867: 359 (n. name for *Discocephala* Macquart). Type sp.: *Discocephala rufiventris* Macquart, aut. (= *abdominalis* Say).
- DISCOCEPHALA** Macquart, 1838: 50 (preocc. Laporte, 1832). Type sp.: *rufiventris* Macquart, des. Coquillett, 1910: 534 (= *abdominalis* Say).
- abdominalis** (Say), 1823: 50 (*Dasyopogon*). ---Pa.; Nebr. to Ont. and N.H., s. to Tex. and Fla., ?Alta., ?N.Mex.
- rufiventris* Macquart, 1838: 50 (*Discocephala*); "Carolina."
- aeta* Walker, 1849: 362 (*Dasyopogon*); Fla. and Mass.
- laticeps* Wulp, 1867: 137 (*Dasyopogon*); Wisc.
- calva** (Loew), 1872: 73 (*Discocephala*). ---Tex.; Kans. to N.Y., s. to Tex. and Fla.
- fusca** Bromley, 1951: 10. ---Tex.; Iowa to Md., s. to Tex. and Fla.

GENUS **ORRHODOPS** HULL

- ORRHODOPS** Hull, 1958: 324. Type sp.: *Damalis americanus* Curran, orig. des.
- americanus** (Curran), 1930: 5 (*Damalis*). ---Ariz.; Son., Sinaloa.

SUBFAMILY ASILINAE

TRIBE APOCLEINI

GENUS **AMBLYONYCHUS** HERMANN

AMBLYONYCHUS Hermann, 1921: 118 (as *Promachus* subg.). Type sp.: *Promachus wiedemanni* Schiner, orig. des.
PROMACHINA Bromley, 1934: 96. Type sp.: *Promachus trapezoidalis* Bellardi, orig. des.
trapezoidalis (Bellardi), 1861: 28 (*Promachus*). ---"Mexico"; Tex., N.Leon., S.L.P., s. to Costa Rica.

GENUS **ECCRITOSIA** SCHINER

ECCRITOSIA Schiner, 1866: 674. Type sp.: *Asilus barbatus* Fabricius, orig. des.

amphinome (Walker) (= *barbata* Fabricius); not Nearctic.

zamon (Townsend), 1895: 600 (*Proctacanthus*). ---B.Cal.S.; Ariz., Son. and Chih., s. to Panama.

GENUS **EFFERIA** COQUILLET

EFFERIA Coquillett, 1893: 175. Type sp.: *candida* Coquillett, des. Coquillett 1910: 536.

ERAX, authors, not Scopoli.

NERAX Hull, 1962: 476. Type sp.: *Asilus aestuans* Linnaeus, orig. des.

aestuans (Linnaeus), 1763: 413 (*Asilus*). ---Pa.; Wyo. to Ont. and N.H., s. to N.Mex. and Fla. *Nerax*

niger Wiedemann, 1821: 196 (*Asilus*); Ga.

bastardi Macquart, 1838: 117 (*Erax*); "N.Amer."

incisuralis Macquart, 1838: 117 (*Erax*); Pa.

tibialis Macquart, 1838: 118 (*Erax*); Pa.

albibarbis (Macquart), 1838: 118 (*Erax*). ---"N.Amer."; B.C., Ont., entire U. S. and Mexico, s. to Costa Rica. *Als. barbellaria*

furax Williston, 1885: 67 (*Erax*); Wash., Calif., Kans., Ariz., Conn.

barbatus, authors, not Fabricius.

anacapai (Wilcox & Martin), 1945: 13 (*Erax*). ---Calif.

anomala (Bellardi); not Nearctic.

antiochi Wilcox, 1966: 126. ---Calif.

antiphon (Walker), 1849: 397 (*Asilus*). ---Ga. (Walker, 1855: 618); unrecognized. *Nerax*

anza Forbes, 1988: 557. ---Calif.

apache Wilcox, 1966: 141. ---Ariz.; N.Mex., Utah. *Andellaria*

apicalis (Wiedemann), 1821: 191 (*Asilus*). ---"N.Amer."; Tex. to N.C. and Fla. *Nerax*

vicinus (Macquart), 1846: 213 (*Erax*); Tex.

argentifrons (Hine), 1911: 308 (*Erax*). ---Kans.; N.Mex., Tex., Okla. *Pogonicefena*

argyrosoma (Hine), 1911: 310 (*Erax*). ---N.Mex.; Colo., Kans., s. to Ariz. and Tex., MEX

arida (Williston), 1893: 254 (*Erax aridus*). ---Calif.; Oreg., Nev., Utah. *Andellaria*

armata (Hine), 1918: 4 (*Erax armatus*). ---Tex.; ?Tam. *Alb. barbellaria*

aurimystacea (Hine), 1919: 122 (*Erax aurimystaceus*). ---Kans.; Tex. *Nerax*

auripila (Hine), 1916: 22 (*Erax auripilus*). ---Tex. *Pogonicefena*

azteci Wilcox, 1966: 128. ---Ariz.; Calif.

- basingeri** Wilcox, 1966: 144. ---Nev.; Oreg., Calif., Utah.
- basini** Wilcox, 1966: 190. ---Nev.; Wash., Oreg., Idaho, Utah, Ariz.
- beameri** Wilcox, 1966: 100. ---Tex.
- belfragei** (Hine), 1919: 121 (*Erax*). ---Tex.
- benedicti** (Bromley), 1940: 15 (*Erax*). ---Ariz.; B.C. and Idaho, s. to Calif. and Ariz.
knowltoni Bromley, 1937: 104 (*Erax*); Utah
- bexarensis** (Bromley), 1934: 94 (*Erax*). ---Tex.; N.Mex., Okla.
- bicaudata** (Hine), 1919: 138 (*Erax bicaudatus*). ---Colo.; Alta. s. to N.Mex. and Tex., Utah.
- bicolor** (Bellardi), 1861: 47 (*Erax*). ---"Mexico"; Calif. to Tex., Utah, Miss., **MEX**
- bryanti** Wilcox, 1966: 129. ---Ariz.
- cabeza** Wilcox, 1966: 168. ---Ariz.
- caliente** Wilcox, 1966: 153. ---Calif.; Nev., Ariz., **MEX**
- californica** (Schaeffer), 1916: 67 (*Erax californicus*). ---Calif.; Oreg., Nev., ?Mont., ?Wash.
- cana** (Hine), 1916: 22 (*Erax canus*). ---Calif.; Nev., Utah, Ariz. **MEX**
- candida** Coquillett, 1893: 176. ---Calif.; Ariz., **MEX**
- canella** (Bromley), 1934: 95 (*Erax canellus*). ---Ariz.; **MEX**
- clementei** (Wilcox & Martin), 1945: 14 (*Erax*). ---Calif.
clementi, emend. or error.
- completa** (Macquart), 1838: 117 (*Erax completus*). ---"N.Amer."; Tex., **MEX**
rava Coquillett, 1893: 176; Tex.
- coquillettii** (Hine), 1919: 149 (*Erax*). ---Calif.; Nev., Ariz., **MEX**
- costalis** (Williston), 1885: 64 (*Erax*). ---Unknown; Alta., s. to N.Mex. and Tex., Utah, Ariz.
- coulei** Wilcox, 1966: 146. ---Wash.; B.C.
- cresoni** (Hine), 1919: 134 (*Erax*). ---N.Mex.; Ariz., Colo., Tex.
- cuervana** (Hardy), 1943: 27 (*Erax cuervanus*). ---N.Mex.
- davisi** Wilcox, 1966: 132. ---Ariz.; Nev., Utah, N.Mex., **MEX**
- deserti** Wilcox, 1966: 199. ---Calif.; Nev., Utah, Ariz., **MEX**
- dubia** (Williston), 1885: 64 (*Erax dubius*). ---Unknown. = *Nomen dubium*. [Described in key; further description possibly on p. 68, where a "n. sp." is described from "Washington Territory" but is purposely left unnamed by Williston.]
- duncani** Wilcox, 1966: 112. ---Ariz.; **MEX**
- ehrenbergi** Wilcox, 1966: 203. ---Ariz.; Calif.
- femorata** (Macquart), 1838: 115 (*Erax femoratus*). ---"Carolina"; La., Ga., Fla.
- frewingi** Wilcox, 1966: 169. ---Oreg.; B.C. to Alta., s. to Calif. and Utah.
- gila** Wilcox, 1966: 133. ---Ariz.
- grandis** (Hine), 1919: 111 (*Erax*). ---Tex.; ?Tam.

- halli** Wilcox, 1966: 134. ---Calif.
- harveyi** (Hine), 1919: 115 (*Erax*). ---B.C.; Wash., Oreg., Calif., Utah.
- helenae** (Bromley), 1951: 30 (*Erax*). ---Colo.; Alta. to Man., s. to Ariz. and Tex., **MEX**
- imperialis** Forbes, 1988: 556. ---Calif.; Ariz., Son.
- incognita** Forbes, 1987: 296. ---Tex.; N.Mex., Chih.
- inflata** (Hine), 1911: 310 (*Erax inflatus*). ---Calif.; **MEX**
- jubata** (Williston), 1885: 66 (*Erax jubatus*). ---N.Mex.; Wyo., Colo., Ariz.
- kansensis** (Hine), 1919: 122 (*Erax*). ---Kans.; Okla., Tex.
- kelloggi** Wilcox, 1966: 172. ---Ariz.; N.Mex., **MEX**
- kondratieffi** Bullington & Lavigne, 1984: 404. ---Va.; N.Y., N.J., Pa.
- latruncula** (Williston), 1885: 67 (*Erax latrunculus*). ---Ariz., Mont.; N.Mex., **MEX**
- leucocoma** (Williston), 1885: 69 (*Erax leucocomus*). ---Kans.; Okla., Tex., Colo.
- luna** Wilcox, 1966: 136. ---N.Mex.; Kans., Tex.
- macrolabis** (Wiedemann), 1828: 458 (*Asilus*). ---Ky.; unrecog.
- macroxipha** Forbes, 1988: 554. ---Calif.
- mesquite** (Bromley), 1951: 27 (*Erax*). ---Tex.
- mexicana** (Hine); not Nearctic.
- monki** (Bromley), 1951: 28 (*Erax*). ---Tex.
- mortensoni** Wilcox, 1966: 173. ---Ariz.; Calif., N.Mex., Utah.
- nemoralis** (Hine), 1911: 311 (*Erax*). ---La.; Kans. s. to Tex. and La., Ohio, Va., N.C., Ga.
- neoinflata** Wilcox, 1966: 209. ---Calif.
- neosimilis** Forbes, 1987: 293. ---Ariz.; N.Mex.
- ordwayae** Wilcox, 1966: 159. ---Ariz.; N.Mex.
- pallidula** (Hine), 1911: 309 (*Erax pallidulus*). ---N.Mex.; Wyo. and Nebr., s. to N.Mex. and Tex.
- parkeri** Wilcox, 1966: 213. ---Ariz.; Tex., **MEX**
- peralta** Wilcox, 1966: 115. ---Calif.; B.Calif.
- pernicis** Coquillett, 1893: 175. ---Calif.; Nev., Utah, Ariz.
- pilosa** (Hine), 1919: 150 (*Erax pilosus*). ---Tex.; Ariz., N.Mex.
- pinali** Wilcox, 1966: 147. ---Ariz.
- plena** (Hine), 1916: 21 (*Erax plenus*). ---Kans.; Okla., Tex.

- pogonias** (Wiedemann), 1821: 198 (*Asilus*; n. name for *barbatus* Fabricius when preocc. in *Asilus*). ---"North America"; Minn. to Maine, s. to Tex. and Fla.
barbatus Fabricius, 1805: 169 (*Dasypogon*; preocc. Fabricius, 1787); "North America".
rufibarbis Macquart, 1838: 116 (*Erax*); "North America".
dascyllus Walker, 1849: 401 (*Asilus*); Mass.
virginianus Wulp, 1882: 109 (*Proctacanthus*); Va.
aestuans, authors, not Linnaeus.
- prairiensis** (Bromley), 1934: 95 (*Erax*). ---Tex.; Okla., Kans.
- prattii** (Hine), 1919: 117 (*Erax*). ---Tex.
- producta** (Hine), 1919: 136 (*Erax productus*). ---Calif.; Utah, Ariz., **MEX**
- prolifiga** (Osten Sacken), 1887: 202 (*Erax prolificus*). ---Ariz. [as n. Sonora]; N.Mex.
- rapax** (Osten Sacken), 1887: 201 (*Erax*). ---Ariz. [as n. Sonora]; Utah, Colo., N.Mex., Tex., **MEX**
- setigera** Wilcox, 1966: 228. ---Calif.; B.Calif. **MEX**
- slossonae** (Hine), 1919: 121 (*Erax*). ---Fla.
- snowi** (Hine), 1919: 116 (*Erax*). ---Kans.; Colo., N.Mex., Tex., **MEX**
- sonorensis** Forbes, 1987: 298. ---Son.; Sinaloa.
- spiniventris** (Hine), 1919: 135 (*Erax*). ---Ariz.; N.Mex.
- staminea** (Williston), 1885: 68 (*Erax stamineus*). ---Mont.; B.C., Wyo., Utah, Colo.
tanneri Bromley, 1937: 105 (*Erax*); Colo.
- stylata** (Fabricius), 1775: 795 (*Asilus stylatus*). ---Cuba; Fla.
- subarida** (Bromley), 1940: 14 (*Erax subaridus*). ---Ariz.; Utah, N.Mex., Tex.
- subcuprea** (Schaeffer), 1916: 66 (*Erax subcupreus*). ---Ariz.; Alta., Mont., Nev., to Colo., s. to Ariz. and N.Mex.
- subpilosa** (Schaeffer), 1916: 67 (*Erax subpilosus*). ---Utah; Calif., Nev., N.Mex.
- tabescens** (Banks) in Hine, 1919: 126 (*Erax*). ---Fla.; Ga.
- tagax** (Williston), 1885: 65 (*Erax*). ---Ariz.
similis Williston, 1885: 68 (*Erax*); Ariz.
- texana** (Banks) in Hine, 1919: 151 (*Erax texanus*). ---Tex.; Kans., Okla., N.Mex., ?Ariz.
- tolandi** Wilcox, 1966: 150. ---Calif.; Nev.
- tricella** (Bromley), 1951: 32 (*Erax tricellus*). ---Ariz.; N.Mex., Son., **MEX**
- triton** (Osten Sacken), 1887: 200 (*Erax*). ---Mexico (Sinaloa); Ariz., N.Mex., Kans., Tex., Son., Sin., Nay., **MEX**
anomala, authors, not Bellardi. **N.syn.**
- truncata** (Hine), 1911: 309 (*Erax truncatus*). ---Ariz.; Utah, Colo., N.Mex.
- tuberculata** (Coquillett), 1904: 34 (*Erax*). ---Tex.; Ariz., N.Mex., Okla., **MEX**
- tucsoni** Wilcox, 1966: 231. ---Ariz.; Calif. to Utah, s. to N.Mex.
- utahensis** (Bromley), 1937: 103 (*Erax*). ---Utah.
- varipes** (Williston), 1885: 71 (*Erax*). ---Ariz., Kans.; Colo., N.Mex., Tex.
- vertebrata** (Bromley), 1940: 14 (*Erax vertebratus*). ---Calif.; B.Calif.

- wilcoxi** (Bromley), 1940: 16 (*Erax*). ---Tex.; Ariz., N.Mex.
willistoni (Hine), 1919: 110 (*Erax*). ---Ariz.; Utah, Colo., N.Mex., Tex., **MEX**
yermo Wilcox, 1966: 223. ---Calif.
yuma Wilcox, 1966: 224. ---Ariz.; Calif., **MEX**
zonata (Hine), 1919: 112 (*Erax zonatus*). ---Ariz.; Oreg., Calif., Nev., Utah, N.Mex.

GENUS **FURCILLA** MARTIN

- FURCILLA** Martin, 1975: 76. Type sp.: *dorothyae* Martin, orig. des.
delicatula (Hine), 1918: 320 (*Asilus delicatulus*). ---N.Mex.; Okla., Tex., Chih., ?Calif., ?Nev. **N.comb.**
dorothyae Martin, 1975: 76. ---Son.
petila Martin, 1975: 77. ---Son.

GENUS **MALLOPHORA** MACQUART

- MALLOPHORA** Macquart, 1834: 300. Type sp.: *Asilus infernalis* Wiedemann, des. d'Orbigny, 1846: 609 (Evenhuis & Thompson, 1990: 236).
ardens Macquart; ?not Nearctic. [Described from "North America" (Macquart, 1834: 302) but unrecognized; Artigas & Angulo (1980) declared type lost, established neotype from Brazil.]
atra Macquart, 1834: 302. ---Brazil; Fla., ?Minn., Jal., Guerrero, s. to Argentina.
nigra Williston, 1885: 58; ?Minn.
bomboides (Wiedemann), 1821: 203 (*Asilus*). ---Ga.; Miss. to N.C. and Fla.
rex Bromley, 1925: 192; Miss.
chrysomela Bromley, 1925: 193; Miss.
fautrix Osten Sacken, 1887: 191. ---Mexico (Sinaloa); Calif. to Utah and Tex., s. to Dur. and Veracruz.
bromleyi Curran, 1930: 13; Tex.
fautricoides Curran, 1930: 13; Calif.
fulviventris Macquart; not Nearctic.
leschenaulti Macquart, 1838: 86. ---French Guiana; Tex., Chih. to Tam., s. to Argentina.
belzebul Schiner, 1867: 385; Brazil.
orcina (Wiedemann), 1828: 477 (*Asilus orcinus*). ---Ga.; Ind. to Md., s. to Ala. and Fla., Ariz., Tex., Okla.
fulva Banks, 1911: 130; Ariz.
thompsoni Artigas & Angulo, 1980: 118. ---Paraguay; ?Fla.

GENUS **MEGAPHORUS** BIGOT

- MEGAPHORUS** Bigot, 1857: 542. Type sp.: *Mallophora heteroptera* Macquart, mon. (= *laphroides* Wiedemann).
MALLOPHORINA Curran, 1934: 183. Type sp.: *Mallophora guildiana* Williston, orig. des.
acrus (Curran), 1931: 21 (*Mallophora acra*). ---Okla.; Kans., N.Mex., Tex., **MEX**
clausicellus (Macquart), 1850: 383 (*Mallophora clausicella*). ---Va.; Ohio to N.Y., s. to Tex. and Fla.
frustra frustra (Pritchard), 1935: 10: 11 (*Mallophorina*). ---Ariz.; Calif., Nev., Utah, Colo., N.Mex., B.Calif., B.Cal.S.
 ssp. **brunnea** (Cole) in Cole & Pritchard, 1964: 89 (*Mallophorina*).--- Ariz. **N.comb.**
 ssp. **flavida** (Cole) in Cole & Pritchard, 1964: 87 (*Mallophorina*).--- Calif. **N.comb.**

- guldiana** (Williston), 1885: 60 (*Mallophora*). ---Kans., Mont., N.C.; Mont. to N.Mex., Utah, Kans. and Okla., ?Oreg., ?Nev., **MEX**
- intermedius** (Tucker), 1907: 92 (*Mallophora clausicella*, var. *intermedia*). ---Colo. **N.comb.**
- laphroides** (Wiedemann), 1828: 483 (*Asilus*). ---Ky.; N.C. s. to Ala. and Fla.
heteroptera Macquart, 1838: 90 (*Mallophora*); Pa.
- lascrucensis** (Cole) in Cole & Pritchard, 1964: 82 (*Mallophorina*). ---N.Mex.; Tex. **N.comb.**
- martinorum** (Cole) in Cole & Pritchard, 1964: 75 (*Mallophorina*). ---Oreg.; Wash., Idaho. **N.comb.**
- megachile** (Coquillett), 1893: 118 (*Mallophora*). ---Calif.; B.Calif., B.Cal.S. **N.comb.**
- minutus** (Macquart), 1835: 302 (*Mallophora*). ---Pa.; N.C. to Fla.
- pallidus** (Johnson), 1958: 41 (*Mallophora pallida*, as subg. *Mallophorina*). ---Utah. **N.comb.**
- prudens** (Pritchard), 1935: 10 (*Mallophorina*). ---Ariz.; Calif., N.Mex., Tex.
- pulcher** (Pritchard), 1935: 11 (*Mallophorina pulchra*). ---N.Mex.; Calif. to Utah, s. to Ariz. and Tex., **MEX** *pulchra on spell.*
- willistoni** (Cole) in Cole & Pritchard, 1964: 74 (*Mallophorina*). ---Calif.; B.C., Oreg., Nev., Utah, Ariz., **MEX**
N.comb.

GENUS **NEVADASILUS** ARTIGAS & PAPAVERO

- NEVADASILUS** Artigas & Papavero, 1995: 15. Type sp.: *Regasilus blantoni* Curran, orig. des.
- auriannulatus** (Hine), 1906: 29 (*Stilpnogaster*). ---B.C.; Alta., Wash. to Mont., s. to Calif. and Colo. **N.comb.**
hardyi Bromley, 1938: 61 (*Neoitamus*); Utah. **N.syn., n.comb.**
- blantoni** Bromley, 1951: 35 (*Regasilus*). ---Nev.; Oreg., Idaho, Utah, Ariz., N.Mex.

GENUS **PROCTACANTHELLA** BROMLEY

- PROCTACANTHELLA** Bromley, 1934: 96. Type sp.: *Asilus cacopiligus* Hine, orig. des.
- cacopiliga** (Hine), 1909: 165 (*Asilus cacopiligus*). ---Tex., Kans., N.J., Ill., Okla., Nebr.; Alta. to Man., s. to N.Mex. and Tex., Utah, Ill., Ind., ?N.J.
- exquisita** (Osten Sacken), 1887: 206 (*Proctacanthus exquisitus*). ---Ariz. [as n. Sonora]; Colo., N.Mex., Okla., **MEX**
mexicanus Cole, 1923: 463 (*Stenopogon*); Son.
jamesi Pritchard, 1935: 13; Okla.
- robusta** Bromley, 1951: 26. ---Tex.; **MEX**
- tolandi** Wilcox, 1965: 109. ---Calif.; Ariz. **MEX?**
- wilcoxi** Bromley, 1935: 5. ---Tex.
- willistoni** Fisher & Wilcox, **n.name** (for *leucopogon* Williston). ---S.Dak., Nebr.; Mont. and S.Dak., s. to Calif., Tex., **MEX**
leucopogon Williston, 1893: 75 (*Asilus*; preocc. Wiedemann, 1828).

GENUS **PROCTACANTHUS** MACQUART

- PROCTACANTHUS** Macquart, 1838: 120. Type sp.: *philadelphicus* Macquart, des. Coquillett 1910: 595.
- arno** Townsend, 1895: 599. ---B.Cal.S.
- brevipennis** (Wiedemann), 1828: 431 (*Asilus*). ---Ky.; Ill. and N.H., s. to Tex. and Fla., Mont., Colo., Nebr., Kans.
distinctus Wiedemann, 1828: 432 (*Asilus*); Ga.

- coquillettii** Hine, 1911: 160. ---Calif.; B.Calif., B.Cal.S.
- duryi** Hine, 1911: 160. ---Ohio; w. to Kans., s. to Tex. and Tenn.
- fulviventris** Macquart, 1850: 392. ---Fla.; Ga.
- gracilis** Bromley, 1928: 15. ---Ga.; Miss. to N.C. and Fla.
- heros** (Wiedemann), 1828: 427 (*Asilus*). ---Ky.; e. to Va., s. to Miss. and Fla.
- hinei** Bromley, 1928: 13. ---N.Mex.; Ont. to Mass., s. to Tex. and N.C., Utah, Colo., N.Mex., Fla.
rufus, Hine, not Williston.
- longus** (Wiedemann), 1821: 183 (*Asilus*). ---Ga.; Okla. and Tex., e. to N.C. and Fla., Va.
- micans** Schiner, 1867: 397. ---"North America"; Wyo. and Kans., s. to Ariz. and Tex., Chih., Coah., Dur., Zac., S.L.P., Aguas., Jal., Puebla.
- milbertii** Macquart, 1838: 124. ---"North America"; B.C., Man., Ont., entire U. S. (except absent Oreg., Calif., Nev., Utah and ne. states [Md. northward]); ?Mass.
agrion Jaennicke, 1867: 365 (*Asilus*); Ill.
missouriensis Riley, 1870: 122 (*Asilus*); Mo.
- nearno** Martin, 1962: 187. ---Ariz.; Calif. to Kans., s. to B.Cal.S. and Coah., Oreg., Idaho, Dur., S.L.P., Zac.
- nigriventris** Macquart, 1838: 124. ---Pa., "Carolina"; N.Y. s. to Fla., Mass., Ala., Miss.
- nigrofemoratus** Hine, 1911: 161. ---"Mexico, San Jose"; Ariz., N.Mex., Tex., Chih.
- occidentalis** Hine, 1911: 159. ---Calif.; B.C., s. to Calif., Nev., and Idaho.
- philadelphicus** Macquart, 1838: 123. ---Pa.; Que. and Maine, s. to Ga.
- rodecki** James, 1933: 2. ---Colo.; N.Dak., s. to N.Mex., Okla. and Tex.
- rufiventris** Macquart; not Nearctic.
- rufus** Williston, 1885: 74. ---N.C., Mass.; Iowa to Ohio and Maine, s. to Tex. and Fla.
rufiventris, Hine, not Macquart.

GENUS **PROMACHELLA** COLE & PRITCHARD

- PROMACHELLA** Cole & Pritchard, 1964: 65. Type sp.: *Promachina pilosa* Wilcox, orig. des.
PROMACHINA, authors, not Bromley.
pilosa (Wilcox), 1937: 43 (*Promachina*). ---Ariz.; Son.

GENUS **PROMACHUS** LOEW

- PROMACHUS** Loew, 1848: 390. Type sp.: *Asilus maculatus* Fabricius, des. Coquillett 1910: 595.
TRUPANEA Macquart, 1838: 91 (preocc. Guettard, 1762). Type sp.: *Asilus maculatus* Fabricius, orig. des.
- albifacies** Williston, 1885: 63. ---Ariz.; Wyo. to Calif. and Tex., MEX
- aldrichii** Hine, 1911: 171. ---Utah; Wash. and Idaho, s. to Calif. and Ariz.
- atrox** Bromley, 1940: 13. ---Ariz.; N.Mex.
- bastardii** (Macquart), 1838: 104 (*Trupanea*). ---"North America"; Mo., Ill., Mich., n. to Ont. and Maine, s. to Tex. and Fla., ?Kans.
laevinus Walker, 1849: 392 (*Asilus*); Mass.
rubiginis Walker, 1851: 123 (*Trupanea*); "North America".
ultimus Walker, 1851: 136 (*Asilus*); "North America".
philadelphicus Schiner, 1867: 389; Pa.

- dimidiatus** Curran, 1927: 87. ---Man.; Alta. and Man., s. to Utah, N.Mex. and Kans., Wisc.
- fitchii** Osten Sacken, 1878: 234 (n. name for *apivora* Fitch). ---Nebr.; e. to Mich., s. to Tex. and Ark., N.Y., Mass., Conn., Fla.
apivora Fitch, 1864: 63 (*Trupanea*; preocc. Walker, 1860); Nebr.
- giganteus** Hine, 1911: 172. ---Tex.; Ariz., N.Mex., **MEX**
- hinei** Bromley, 1931: 435. ---Ohio; Kans. to Ohio, s. to Tex. and Miss.
rufipes, authors, not Fabricius.
- magnus** Bellardi, 1861: 26. ---"Mexico"; Ariz., N.Mex., Tex.
- minusculus** Hine, 1911: 171. ---N.Mex.; Ariz., Tex., **MEX**
- nigrialbus** Martin in Martin and Papavero, 1970: 80 (n. name for *nigripes* Hine). ---N.Mex.; Nev., Utah, Ariz., Tex., **MEX**
nigripes Hine, 1911: 170 (preocc. Macquart, 1838); N.Mex.
- nigropilosus** Schaeffer, 1916: 68. ---Calif.; Oreg.
- oklahomensis** Pritchard, 1935: 12. ---Okla.; Colo., Nebr., Kans., Ind.
- painteri** Bromley, 1934: 93. ---Tex.; **MEX**
- princeps** Williston, 1885: 62. ---Wash.; Oreg., Calif., Nev., Utah.
- quadratus** (Wiedemann), 1821: 201 (*Asilus*). ---Ga.; La., Fla.
- rufipes** (Fabricius), 1775: 794 (*Asilus*). ---"America"; Iowa to Pa., s. to Miss. and Fla.
- sackeni** Hine, 1911: 166. ---Ariz.; Utah, N.Mex., Tex., **MEX**
- texanus** Bromley, 1934: 94. ---Tex.; Okla., **MEX**
- truquii** Bellardi, 1861: 30. ---"Mexico"; Ariz., N.Mex., Tex., **MEX**
- vertebratus** (Say), 1823: 47 (*Asilus*). ---Mo.; Minn. to Colo. and Pa.

GENUS **TRIORLA** PARKS

- TRIORLA** Parks, 1968: 175 Type sp.: *Asilus interruptus* Macquart, orig. des.
- interrupta** (Macquart), 1834: 310 (*Asilus interruptus*). ---Ga.; Calif. to Kans. and N.C., s. to Tex. and Fla., **MEX**, to north. S.America.
lateralis Macquart, 1838: 116 (*Erax*); Pa.
ambiguus Macquart, 1846: 212 (*Erax*); Tex., Yucatan.

TRIBE ASILINI

GENUS **ASILUS** LINNAEUS

ASILUS Linnaeus, 1758: 605. Type sp.: *crabroniformis* Linnaeus, des. Latreille 1810: 443.

Asilus sericeus Say is not congeneric with *A. crabroniformis* of Europe; a new genus is required for the single Nearctic species still listed under *Asilus*.

sericeus Say, 1823: 48. ---Pa.; Kans. to Ont. and Maine, s. to Tex. and Fla.

herminius Walker, 1849: 410; Mass.

GENUS **DICROPALTUM** MARTIN

DICROPALTUM Martin, 1975: 79. Type sp.: *Asilus rubicundus* Hine, orig. des.

cumbipilosus (Adisoemarto), 1967: 62 (*Asilus*). ---Alta. **N.comb.**

humilis (Bellardi), 1861: 151 (*Asilus*). ---"Mexico"; Ariz.; Tex.; Sinaloa s. to Chiapas. **N.comb.**

mesae (Tucker), 1907: 92 (*Tolmerus*). ---Colo.; B.C. and Alta., s. to Calif., N.Mex. and Kans. **N.comb.**

alamosae Martin, 1975: 80; N.Mex. **N.syn.**

pawneeae Martin, 1975: 80; Kans. **N.syn.**

rubicundus (Hine), 1909: 162 (*Asilus*). ---Kans., Ill.; N.Mex., Tex., Mo., Ala.

GENUS **MACHIMUS** LOEW

MACHIMUS Loew, 1849: 1. Type sp.: *Asilus chrysitis* Meigen, des. Coquillett 1910: 564.

adustus Martin, 1975: 27. ---Ariz.; Alta., Wyo., Utah, Colo., N.Mex.

antimachus (Walker), 1849: 454. (*Asilus*). ---N.Y.; Kans. to N.Y., s. to Tenn. and Ga.

aridalis (Adisoemarto), 1967: 63 (*Asilus*). ---Alta.; Sask. **N.comb.**

autumnalis (Banks), 1914: 131 (*Asilus*). ---Va.; Ohio, Ky., D.C., Md., N.C.

blantoni (Bromley), 1940: 19 (*Asilus*). ---Fla. **N.comb.**

callidus (Williston), 1893: 75 (*Asilus*). ---Wash., Oreg.; Y.T., B.C. and Alta., s. to Calif. and Colo.

carolinae Martin & Wilcox, 1965: 392 (*Asilus*; n. name for *annulipes* Macquart). ---"Carolina"; unrecognized. **N.comb.**

annulipes Macquart, 1838: 149 (*Asilus*; preocc. Brulle, 1832); "Carolina".

citus (Hine), 1918: 321 (*Asilus*). ---Ariz. **N.comb.**

coleus Martin, 1975: 26. ---Calif.; B.Calif.

delusus (Tucker), 1907: 92 (*Tolmerus*; as *annulipes* var.). ---Kans., Colo.; Alta., Mont., Idaho, Wyo., Utah, Ariz.

erythrocnemius (Hine), 1909: 163 (*Asilus*). ---Mass., N.Y., Conn., N.J., Kans., Mont., Colo., Md., Wyo., Ohio; B.C. to Que., s. to Oreg., N.Mex. and Fla. **N.comb.**

fattigi (Bromley), 1940: 19 (*Asilus*). ---Ga.; Fla. **N.comb.**

floridensis (Bromley), 1940: 18 (*Asilus*). ---Fla.

formosus (Hine), 1918: 321 (*Asilus*). ---Kans.; Alta., Mont., s. to Calif. and N.Mex. **N.comb.**

frosti (Bromley), 1950: 238 (*Asilus*). ---Fla.; S.C. **N.comb.**

- gilvipes** (Hine), 1918: 319 (*Asilus*). ---Colo.; Wyo., N.Mex. **N.comb.**
- granta** Martin, 1975: 47. ---Oreg.
- griseus** Hine, 1906: 29. ---Colo.; Nev., Utah, Ariz., N.Mex., Tex.
- hinei** Fisher & Wilcox, **n.name** (for *occidentalis* Hine). ---Calif.; B.C. to Mont., s. to B.Calif. and Colo.
occidentalis Hine, 1909: 147 (*Asilus*; preocc. Philippi, 1865); Calif.
- hubbelli** (Bromley), 1950: 3 (*Asilus*). ---Fla. **N.comb.**
- johnsoni** (Hine), 1909: 159 (*Asilus*). ---Pa.; Md.
- latapex** **latapex** Martin, 1975: 20. ---Calif.
ssp. **alticolus** Martin, 1975: 21. ---Calif.
ssp. **convexus** Martin, 1975: 22. ---Calif.
- lecythus** (Walker), 1849: 451 (*Asilus*). ---N.S.; Ohio, Maine to Fla. **N.comb.**
femoralis Macquart, 1847: 61 (*Asilus*); Pa. [Homonym of *Asilus femoralis* Zeller, 1840.]
- longipennis** Martin, 1975: 25. ---Calif.
- maneei** (Hine), 1909: 158 (*Asilus*). ---N.C.; Mich. to N.Y., s. to Ky. and Fla. **N.comb.**
- notatus** (Wiedemann), 1828: 451 (*Asilus*). ---Ga.; Kans. to Mich. and Maine, s. to Tex. and Fla. **N.comb.**
alethes Walker, 1849: 454 (*Asilus*); N.Y.
- notialis** Martin, 1975: 23. ---Calif.; Ariz.
- novaescotiae** (Macquart), 1847: 62 (*Asilus*). ---N.S.; s. to Ohio and Fla.
- paropus** (Walker), 1849: 455 (*Asilus*). ---N.Y.; Alta. to N.S., s. to Calif., Tex. and Va. **N.comb.**
prospectus Tucker, 1907: 94 (*Tolmerus*); Colo.
- polyphemi** Bullington & Beck, 1991: 590. ---Ga.; Miss., Fla.
- priariensis** (Tucker), 1907: 93 (*Tolmerus*). ---Kans.; Colo., N.Mex., Tex., Ohio. **N.comb.**
- rubidus** (Hine), 1909: 144 (*Asilus*). ---Unknown. = *Nomen dubium*. [Described in key; further description lacking.]
N.comb.
- sadyates** (Walker), 1849: 453 (*Asilus*). ---Ohio; Wisc. to Maine, s. to Tenn. and Ga.
tibialis Macquart, 1834: 313 (*Asilus*; preocc. Fabricius, 1793); Pa.
avidus Wulp, 1869: 82 (*Asilus*); Wis.
- sestertius** **sestertius** Martin, 1975: 29. ---Oreg.; Calif.
ssp. **davidsonae** Martin, 1975: 32. ---Ariz.; Utah, Colo.
ssp. **triton** Martin, 1975: 31. ---Calif.
- snowii** (Hine), 1909: 160 (*Asilus*; n. name for *annulatus* Williston). ---S.Dak., Kans., N.H., Mass., Conn.; Ont. to N.S., s. to Okla. and Fla. **N.comb.**
annulatus Williston, 1893: 70 (*Asilus*; preocc. Fabricius, 1775); S.Dak., Kans., N.H., Mass., Conn.
- stanfordae** Martin, 1975: 24. ---Calif.
- vescus** (Hine), 1918: 320 (*Asilus*). ---Calif.; B.C. s. to Calif., Nev., Ariz., Colo. **?MEX N.comb.**
sackeni Banks, 1920: 67 (*Asilus*); Calif., Oreg. **N.syn.**
- virginicus** (Banks) in McAtee & Banks, 1920: 31 (*Asilus*). ---Va.; Mich. to Pa., s. to Ky. and Ga.

GENUS **NEGASILUS** CURRAN

NEGASILUS Curran, 1934: 184. Type sp.: *belli* Curran, orig. des.

astutus (Williston), 1893: 70 (*Asilus*). ---Calif.; Oreg., Son. **MEX N.comb.**

belli Curran, 1934: 184. ---Nev.; Wash., Alta. and Sask., s. to Calif. and Colo.

gramalis (Adisoemarto), 1967: 64 (*Asilus*). ---Alta.

platycerus (Hine), 1922: 7 (*Asilus*). ---Wash.; Oreg., Calif., ?B.C. **N.comb.**
schuhi Bromley, 1940: 17 (*Asilus*); Oreg.

GENUS **NEOITAMUS** OSTEN SACKEN

NEOITAMUS Osten Sacken, 1878: 82 (n. name for *Itamus* Loew). Type sp.: *Asilus cyanurus* Loew, aut.

ITAMUS Loew, 1849: 84 (*Asilus* subg.; preocc. Schmidt-Goebel, 1846). Type sp.: *Asilus cyanurus* Loew, des. Coquillett, 1910: 556.

affinis (Williston), 1893: 73 (*Asilus*). ---Wash.; Oreg., Calif.

brevicomus (Hine), 1909: 155 (*Asilus*). ---B.C., Calif.; Wash., Oreg., Utah.

coquillettii (Hine), 1909: 154 (*Asilus*). ---Calif.

flavofemoratus (Hine), 1909: 153 (*Asilus*; n. name for *flavipes* Williston). ---Pa.; Mich. to Que. and Maine, s. to Ill. and Fla.

flavipes Williston, 1893: 72 (*Asilus*; preocc. Meigen, 1820); Pa.

orphne (Walker), 1849: 456 (*Asilus*). ---N.Y.; Wisc. to Que. and Maine, s. to Ill. and Ga., Mont., Colo.

auceps Wulp, 1869: 84 (*Asilus*); Wis.

distinctus Williston, 1893: 73 (*Asilus*); N.H., Conn.

terminalis (Hine), 1909: 155 (*Asilus*). ---Calif.

GENUS **NEOMOCHTHERUS** OSTEN SACKEN

NEOMOCHTHERUS Osten Sacken, 1878: 82 (n. name for *Mochtherus* Loew). Type sp.: *Asilus pallipes* Meigen, aut.

MOCHTHERUS Loew, 1849: 58 (*Asilus* subg.; preocc. Schmidt-Goebel, 1846). Type sp.: *Asilus pallipes* Meigen, des. Coquillett, 1910: 571.

albicomus (Hine), 1909: 150 (*Asilus*). ---Mont.; Idaho, Oreg., Calif., Utah. **N.comb.** Nelson, 1987

angustipennis (Hine), 1909: 152 (*Asilus*). ---N.C., Va.; Ohio, Md.

auricomus (Hine), 1909: 148 (*Asilus*). ---Ohio, N.J., Conn., Ill., Pa.; Ill. and Mich. to Maine and Va. **N.comb.**

californicus (Hine), 1909: 164 (*Asilus*). ---Calif.; Oreg., Idaho., Nev., B.Calif. **N.comb.** Wilcox, 1965: 392
oregonae Martin, 1975: 92; Oreg. **N.syn.** also Wulp, 1896: 57

comosus (Hine), 1918: 319 (*Asilus*). ---Calif. **N.comb.**

persimilis Banks, 1920: 67 (*Asilus*); Calif. **N.syn., n.comb.**

hypopygialis (Schaeffer), 1916: 68 (*Asilus*). ---Utah; Wyo.

idahoae Martin, 1975: 90. ---Idaho.

lassenae Martin, 1975: 90. ---Calif.

latipennis (Hine), 1909: 152 (*Asilus*). ---N.Y., Mass.; Mich., N.H. s. to N.C.

montanus (Hine), 1909: 149 (*Asilus*). ---Calif. **N.comb.** Wulp, 1896: 62

neolepidus Fisher & Wilcox, n.name (for *lepidus* Hine). ---Colo., N.Mex.; Ariz., Utah. **N.comb.** Nelson, 1987: 83
lepidus Hine, 1909 (*Asilus*; preocc. by *Mochtherus lepidus* Loew, 1871); Colo., N.Mex.

pallipes (Meigen), 1820: 327 (*Asilus*). ---"Oesterreich"; Mass. (introduced), widespread Europe.

piceus (Hine), 1909: 149 (*Asilus*). ---Mass.; Ohio, N.H., Conn. **N.comb.**

- willistoni** (Hine), 1909: 150 (*Asilus*; n. name for *angustifrons* Williston). ---Wash.; B.C. s. to Calif. and Ariz., Utah.
~~N.comb.~~ (W.H.V. 1996: 62)
angustifrons Williston, 1893: 71 (*Asilus*; preocc. Loew, 1849).
olympiae Martin, 1975: 91; Wash. **N.syn.**

GENUS **PHILONICUS** LOEW

- PHILONICUS** Loew, 1849: 144. Type sp.: *Asilus albiceps* Meigen, mon.
fuscatus (Hine), 1909: 168 (*Asilus*; n. name for *obscurus* Hine). ---Ky., N.J., D.C., N.C.; Ohio to N.Y. and Mass., s. to Fla.
obscurus Hine, 1907: 117 (preocc. Meigen, 1820); Ky., N.J., D.C., N.C.
limpidipennis (Hine), 1909: 167 (*Asilus*). ---Colo.; Utah, Ariz., N.Mex., Okla., Tex.
arizonensis, Hine, not Williston.
plebeius (Osten Sacken), 1887: 209 (*Neomochtherus*). ---Ariz. [as n. Sonora]; Utah, N.Mex., **MEX**
arizonensis Williston, 1893: 76 (*Asilus*); Ariz. **N.syn.**
rufipennis Hine, 1907: 117. ---Kans.; Okla., Iowa, Ill.
truquii (Bellardi); not Nearctic.

GENUS **POLACANTHA** MARTINSUBGENUS **ECHINITROPIS** MARTIN

- POLACANTHA (ECHINITROPIS)** Martin, 1975: 60. Type sp.: *Asilus xanthocerus* Williston, orig. des.
pegma Martin, 1975: 60. ---Calif.

SUBGENUS **POLACANTHA** MARTIN

- POLACANTHA (POLACANTHA)** Martin, 1975: 49. Type sp.: *Asilus compositus* Hine, orig. des.
arcuata Martin, 1975: 53. ---Ariz.
composita (Hine), 1918: 321 (*Asilus compositus*). ---Calif.; Oreg., Nev. and Utah, s. to Ariz., Tex.; B.Calif., B.Cal.S., Son., Chih., S.L.P. **MEX**
gracilis (Wiedemann), 1828: 445 (*Asilus*). ---Ga.; Md. to Fla.
auratus Johnson, 1895: 305 (*Asilus*); Fla.
grossa Martin, 1975: 56. ---Tex.
sinuosa Martin, 1975: 58. ---Tex.; Dur., Tam., N.L. **MEX**

GENUS **PROLATIFORCEPS** MARTIN

- PROLATIFORCEPS** Martin, 1975: 61. Type sp.: *Asilus melanocerus* Williston, orig. des.
fulviventris (Schaeffer), 1916: 69 (*Asilus*). ---Ariz.
knulli Bromley, 1940: 17 (*Asilus*); Ariz.
thulia Martin, 1975: 71. ---Ariz.; N.Mex.

GENUS **RHADIURGUS** LOEW

RHADIURGUS Loew, 1849: 133. Type sp.: *Asilus variabilis* Zetterstedt, mon.

NIGRASILUS Hine, 1908: 203. Type sp.: *nitidifacies* Hine, mon. (= *variabilis* Zetterstedt).

variabilis (Zetterstedt), 1838: 506 (*Asilus*). ---Scandinavia; Alaska, Y.T. to Que., Wash., Oreg., Colo., Mich., widespread Palearctic.

nitidifacies (Hine), 1908: 204 (*Nigrasilus*); B.C. → valid name Artigas & Papaverio, 1997 (reinstated)

GENUS **WYLIEA** MARTIN

WYLIEA Martin, 1975: 78. Type sp.: *Asilus mydas* Brauer, orig. des.

mydas (Brauer), 1885: 387 (*Asilus*). "Mexico"; Ariz., N.Mex., Dur., s. to Morelos.

midas, error.

TRIBE **OMMATIINI**GENUS **OMMATIUS** WIEDEMANN

OMMATIUS Wiedemann, 1821: 213. Type sp.: *Asilus marginellus* Fabricius, des. Coquillett 1910: 579.

baboquivari Wilcox, 1936: 174. ---Ariz.

beameri Wilcox, 1936: 174. ---Ariz.; N.Mex., Nayarit, Jal.

bromleyi Pritchard, 1935: 9. ---Ariz.

floridensis Bullington & Lavigne, 1984: 377. ---Fla.; n. to N.J.

gemma Brimley, 1928: 205. ---N.C.; Kans. to Va., s. to Okla. and Fla.

maculatus Banks, 1911: 128. ---Ariz.

oklahomensis Bullington & Lavigne, 1984: 383. ---Kans.; Okla., Mo.

ouachitensis Bullington & Lavigne, 1984: 381. ---Okla.; Kans. to Md., s. to Tex. and Miss.

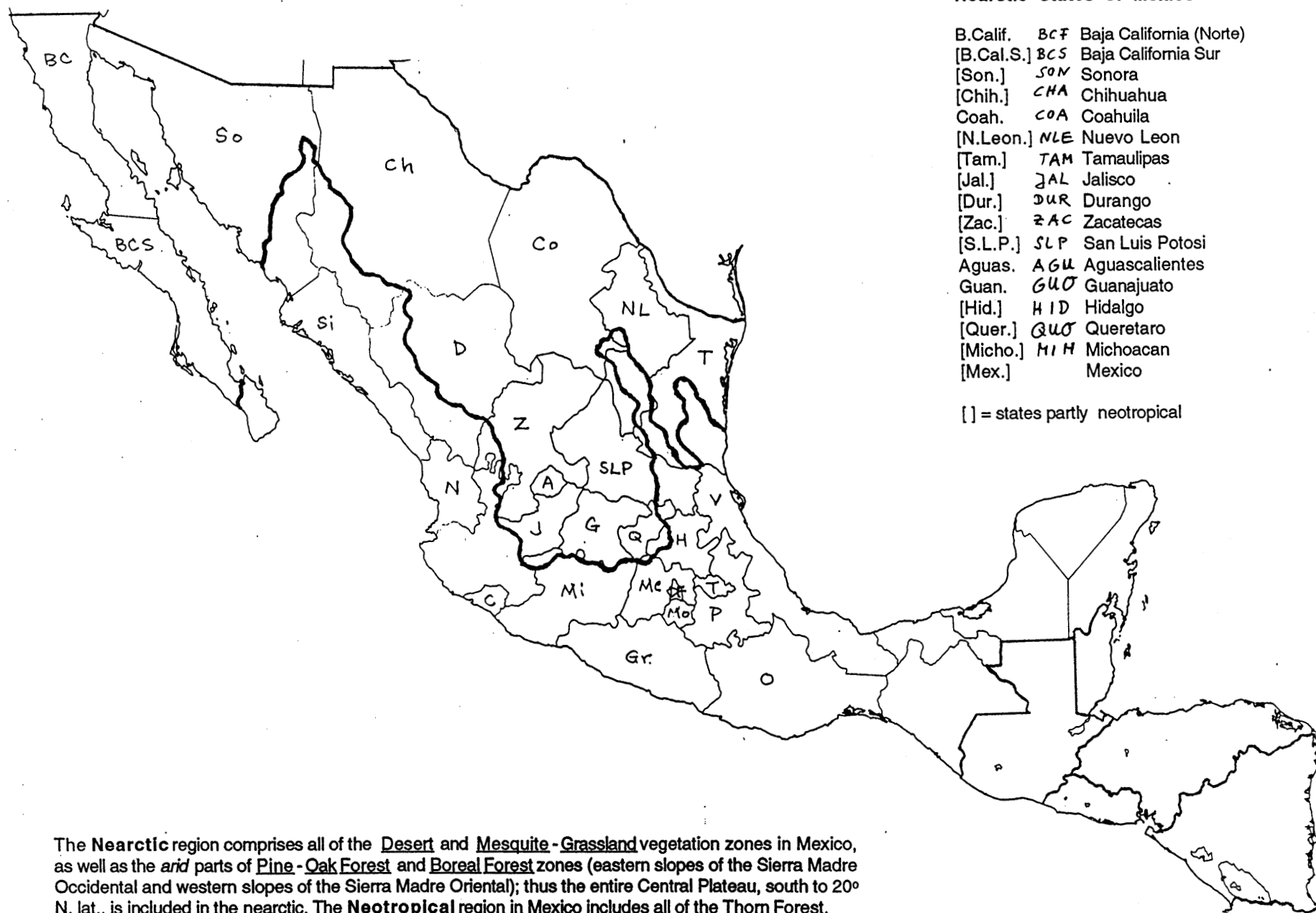
parvulus Schaeffer, 1916: 69. ---Ariz.; Son., Chih., Sinaloa, Hid.

pretiosus Banks, 1911: 129. ---Ariz.; Sinaloa, Jal.

texanus Bullington & Lavigne, 1984: 387. ---Tex.

tibialis Say, 1823: 49 (*Ommatus*). ---Pa.; Mich. to Mass., s. to Mo. and Fla.

wilcoxi Bullington & Lavigne, 1984: 379. ---Ga.; Va. to Fla., w. to Tex.



Nearctic States of Mexico

- B.Calif. BcF Baja California (Norte)
- [B.Cal.S.] BcS Baja California Sur
- [Son.] SON Sonora
- [Chih.] CHA Chihuahua
- Coah. COA Coahuila
- [N.Leon.] NLE Nuevo Leon
- [Tam.] TAM Tamaulipas
- [Jal.] JAL Jalisco
- [Dur.] DUR Durango
- [Zac.] ZAC Zacatecas
- [S.L.P.] SLP San Luis Potosi
- Aguas. AGU Aguascalientes
- Guan. GUO Guanajuato
- [Hid.] HID Hidalgo
- [Quer.] QUO Queretaro
- [Micho.] MICH Michoacan
- [Mex.] Mexico

[] = states partly neotropical

The Nearctic region comprises all of the Desert and Mesquite - Grassland vegetation zones in Mexico, as well as the *arid* parts of Pine - Oak Forest and Boreal Forest zones (eastern slopes of the Sierra Madre Occidental and western slopes of the Sierra Madre Oriental); thus the entire Central Plateau, south to 20° N. lat., is included in the nearctic. The Neotropical region in Mexico includes all of the Thorn Forest, Savanna, Tropical Deciduous and Tropical Evergreen Forest vegetation zones, and moist Pine - Oak Forest north of 20° N. lat.; the Cape region of Baja California Sur, and all of Mexico south of 20° N. lat. (including the Transverse Volcanic Sierra) is neotropical. (Vegetation zones after Leopold, 1950.)

NEARCTIC GENERA OF ASILIDAE

LEPTOGASTRINAE

Apachekolos
Beameromyia
Leptogaster
Leptopteromyia
Psilonyx
Tipulogaster

DASYPOGONINAE

DASYPOGONINI

Lestomyia
Parataracticus
Saropogon
Taracticus

ISOPOGONINI

Comantella
Cophura
Hodophylax
Nicocles
Omninablautus

LASTAURINI

Blepharepium
Diogmites

LAPHRIINAE

ANDRENOSOMINI

Andrenosoma
Cerotainiops
Pogonosoma

ATOMOSIINI

Amathomyia
Atomosia
Atoniomyia
Cerotainia

DASYLECHIINI

Dasylechia

DASYTRICHINI

Orthogonis

LAPHRIINI

Lampria
Laphria

LAPHYSTIINAE

Laphystia
Perasis
Psilocurus
Zabrops

STENOPOGONINAE

CERATURGINI

Ceraturgus

CYRTOPOGONINI

Ablautus
Backomyia
Callinicus
Coleomyia
Cyrtopogon
Eucyrtopogon
Hadrokolos
Heteropogon
Holopogon
Itolia
Metapogon
Nannocyrtopogon
Pritchardomyia
Sintoria
Wilcoxia

DIOCTRIINI

Dioctria
Nannodioctria

ECHTHODOPINI

Bohartia
Dicolonus
Echthodopa
Eudioctria
Metadioctria
Myelaphus

ENIGMOMORPHINI

Archilestris
Dicranus
Microstylum
Prolepsis

PLESIOMMATINI

Plesiomma

STENOPOGONINI

Ospriocerus
Scleropogon
Stenopogon

WILLISTONINI

Willistonina

STICHOPOGONINAE

Lasiopogon
Lissoteles
Stichopogon
Townsendia

TRIGONOMIMINAE

Bromleyus
Haplopogon
Holcocephala
Orrhodops

ASILINAE

APOCLEINI

Amblyonychus
Eccritosis
Efferia
Furcilla
Mallophora
Megaphorus
Nevadasilus
Proctacanthella
Proctacanthus
Promachella
Promachus
Trioria

ASILINI

Asilus
Dicropaltum
Machimus
Negasilus
Neoitamus
Neomochtherus
Philonicus
Polacantha
Prolatiforceps
Rhadiurgus
Wyliea

OMMATIINI

Ommatius

Additional information by F. Geller-Grimm

CANADA

ALB	Alberta <i>Alta.</i>
BCA	British Columbia <i>BC.</i>
LAB	Labrador
MAN	Manitoba
NBK	New Brunswick
NEW	Newfoundland (Neufundland)
NSA	Nova Scotia (Neuschottland)
NWT	North West Territory
ONT	Ontario
PEI	Prince Edward Island (Prinz Eduard Insel)
QUE	Quebec
SKW	Saskatchewan
YUK	Yukon Territory

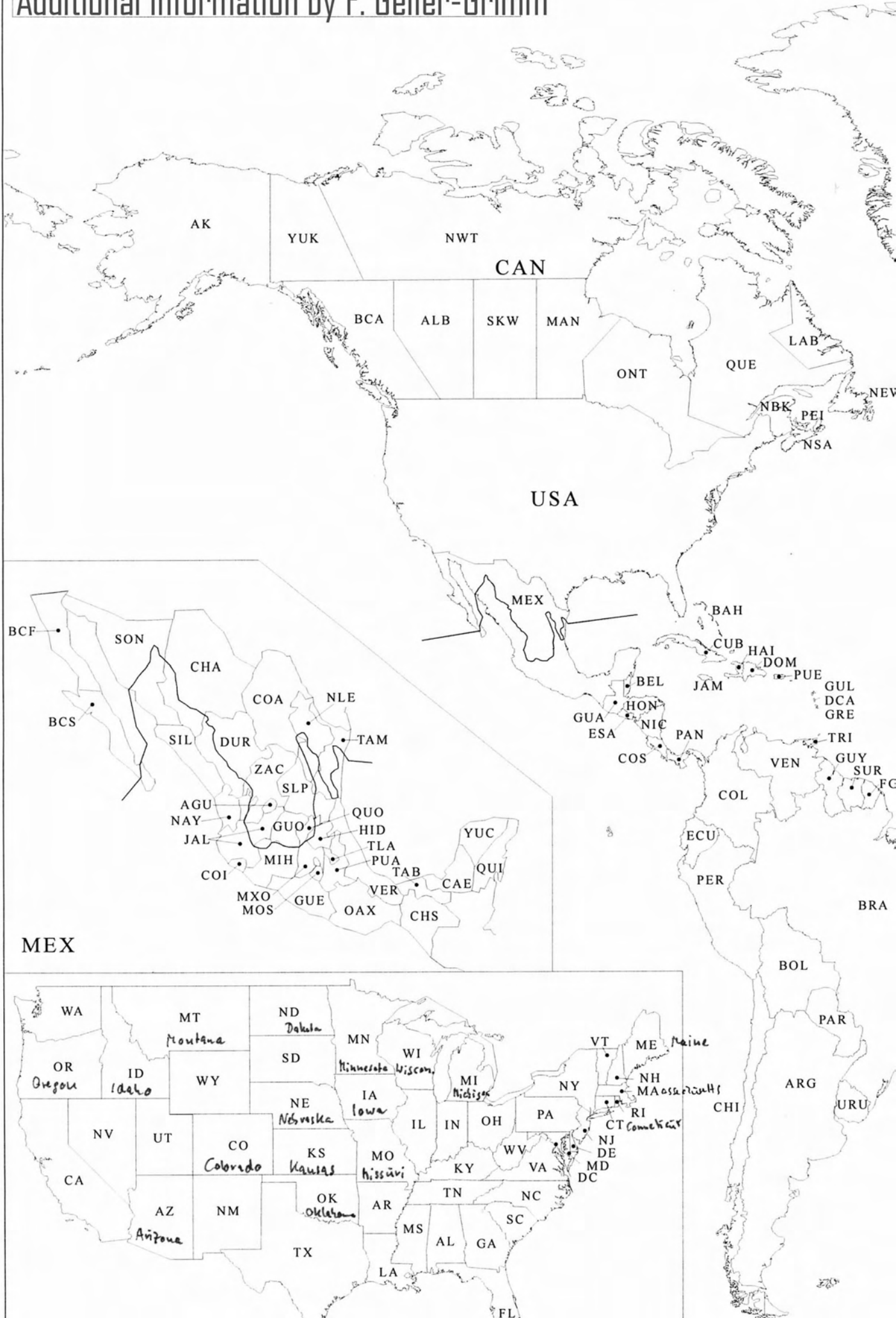
MEXIKO

AGU	Aguascalientes
BCF	Baja California Norte
BCS	Baja California Sur (Nearctic/Neotropic)
CAE	Campeche (Neotropic)
CHA	Chihuahua (Nearctic/Neotropic)
CHS	Chiapas (Neotropic)
COA	Coahuila
COI	Colima (Neotropic)
DUR	Durango (Nearctic/Neotropic)
GUE	Guerro (Neotropic)
GUO	Guanajuato
HID	Hidalgo (Nearctic/Neotropic)
JAL	Jalisco (Nearctic/Neotropic)
MIH	Michoacan (Nearctic/Neotropic)
MOS	Morelos (Neotropic)
MXO	Mexico + Distrito Federal (Neotropic)
NAY	Nayarit (Neotropic)
NLE	Nuevo Leon (Nearctic/Neotropic)
OAX	Oaxac (Neotropic)
PUA	Puebla (Neotropic)
QUI	Quintana (Neotropic)
QUO	Queretaro (Nearctic/Neotropic)
SIL	Sinoloa (Neotropic)
SLP	San Luis Potosi (Nearctic/Neotropic)
SON	Sonora (Nearctic/Neotropic)
TAB	Tabasco (Neotropic)
TAM	Tamaulipas (Nearctic/Neotropic)
TLA	Tlaxcala (Neotropic)
VER	Veracruz (Neotropic)
YUC	Yucatan (Neotropic)
ZAC	Zacatecas (Nearctic/Neotropic)

USA

AK	Alaska
AL	Alabama
AR	Arkansas
AZ	Arizona
CA	California
CO	Colorado
CT	Connecticut
DC	District of Columbia (Washington D.C.)
DE	Delaware
FL	Florida
GA	Georgia
HI	Hawaii (Neotropic)
IA	Iowa
ID	Idaho
IL	Illinois
IN	Indiana
KS	Kansas
KY	Kentucky
LA	Louisiana
MA	Massachusetts
MD	Maryland
ME	Maine
MI	Michigan
MN	Minnesota
MO	Missouri
MS	Mississippi
MT	Montana
NC	North Carolina
ND	North Dakota
NE	Nebraska
NH	New Hampshire
NJ	New Jersey
NM	New Mexico
NV	Nevada
NY	New York
OH	Ohio
OK	Oklahoma
OR	Oregon
PA	Pennsylvania
PUE	Puerto Rico (Neotropic)
RI	Rhode Island
SC	South Carolina
SD	South Dakota
TN	Tennessee
TX	Texas
UT	Utah
VA	Virginia
VT	Vermont
WA	Washington
WI	Wisconsin
WV	West Virginia
WY	Wyoming

Additional information by F. Geller-Grimm

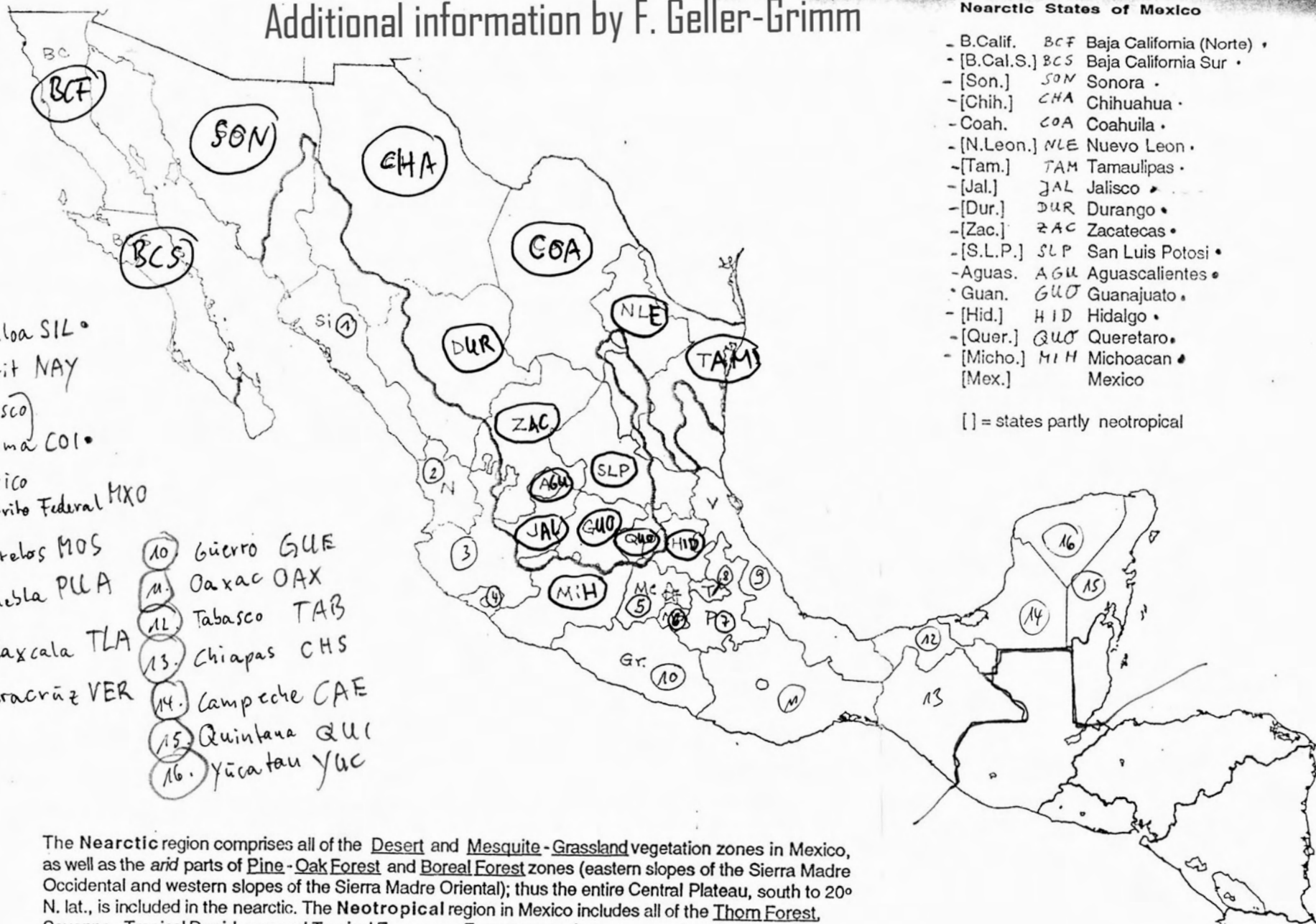


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- [B.Cal.S.] BCS Baja California Sur •
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1. Sinaloa SIL •
2. Nayarit NAY
3. Jalisco
4. Colima COL •
5. Mexico
+ Distrito Federal MXO

6. Morelos MOS
7. Puebla PUA
8. Tlaxcala TLA
9. Veracruz VER
10. Guerrero GUE
11. Oaxaca OAX
12. Tabasco TAB
13. Chiapas CHS
14. Campeche CAE
15. Quintana QUQ
16. Yucatán YUC

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