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Catalogue of Neotropical Diptera. Asilidae¹

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In the area covered by this catalogue, the Asilidae are distributed in 8 subfamilies, in a total of 217 genera and 1576 species, as shown in the table below. The catalogue includes 659 references.

Three new generic names are proposed herein: *Amorimius* (for *Macrocolus* Engel, 1930), *Scarboroughia* (for *Furcilla* Martin, 1975) and *Systologaster* (for *Systellogaster* Hermann, 1926). The new name *Cophura gellergrimmii* is proposed to replace *Cophura wilcoxi* Kaletta, 1983. *Caenarolia* Thomson, 1869 is revalidated, as its senior synonym, *Allopogon* Schiner, 1886, is preoccupied.

Subfamily	Tribe or Generic group	Genus	Number of species
ASILINAE			599
	<i>Asilus</i>-group		83
		<i>Anarmostus</i>	1
		<i>Chilesus</i>	1
		<i>Cnodalomyia</i>	2
		<i>Cratopoda</i>	2
		<i>Epipamponurus</i>	1
		<i>Leinendera</i>	1
		<i>Lestophonax</i>	1
		<i>Lochyrus</i>	3
		<i>Lycomya</i>	1
		<i>Machimus</i>	21
		<i>Menexenus</i>	3
		<i>Neomochtherus</i>	1
		<i>Philonicus</i>	6
		<i>Polacantha</i>	7
		<i>Prolatforceps</i>	8
		<i>Pteralbis</i>	3
		<i>Stenasilus</i>	5
		<i>Stizolestes</i>	8
		<i>Threnia</i>	6
		<i>Wyliea</i>	2
	<i>Efferia</i>-group		141
		<i>Albibarbefferia</i>	16
		<i>Carinefferia</i>	9
		<i>Cratolestes</i>	2
		<i>Diplosynapsis</i>	4

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	<i>Efferia</i>	31
	<i>Nerax</i>	50
	<i>Pogonioefferia</i>	12
	<i>Porasilus</i>	7
	<i>Triorla</i>	10
	<i>Eicherax</i>-group	18
	<i>Eicherax</i>	8
	<i>Eraxasilus</i>	10
	<i>Eichoichemus</i>-group	15
	<i>Eichoichemus</i>	12
	<i>Proctophoroides</i>	2
	<i>Wygodasilus</i>	1
	<i>Glaphyropyga</i>-group	22
	<i>Glaphyropyga</i>	12
	<i>Leptoharpacticus</i>	1
	<i>Megalometopon</i>	2
	<i>Neotes</i>	1
	<i>Nomomyia</i>	2
	<i>Regasilus</i>	1
	<i>Tsacasia</i>	1
	<i>Zoticus</i>	2
	<i>Lecania</i>-group	26
	<i>Cerozodus</i>	1
	<i>Ctenodontina</i>	4
	<i>Lecania</i>	21
	<i>Lochmorhynchus</i>-group	15
	<i>Apotinocerus</i>	1
	<i>Lochmorhynchus</i>	14
	<i>Mallophora</i>-group	102
	<i>Amblyonychus</i>	16
	<i>Carreraomyia</i>	2
	<i>Mallophora</i>	59
	<i>Megaphorus</i>	7
	<i>Promachella</i>	1
	<i>Promachus</i>	17
	<i>Myaptex</i>-group	21
	<i>Atractocoma</i>	1
	<i>Martintella</i>	1
	<i>Myaptex</i>	2
	<i>Myaptexaria</i>	3
	<i>Rhadinosoma</i>	1
	<i>Scarboroughia</i>	2
	<i>Wilcoxius</i>	11
	<i>Ommatius</i>-group	113
	<i>Ommatius</i>	113
	<i>Proctacanthus</i>-group	43
	<i>Eccritosia</i>	4
	<i>Proctacanthella</i>	4
	<i>Proctacanthus</i>	15
	<i>Taurhynchus</i>	20
	Unplaced or unrecognized species of Asilinae	9
	Unrecognized genera of Asilinae	
	<i>Labromyia</i>	1
	<i>Pediophoneus</i>	(no species included)
DASYPOGONINAE		231
	Dasygogonini	48
	<i>Aczelia</i>	3
	<i>Amorimius</i>	4
	<i>Araucopogon</i>	1
	<i>Austenmyia</i>	1
	<i>Cleptomyia</i>	1

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	<i>Neoderomyia</i>	1
	<i>Parataracticus</i>	2
	<i>Saropogon</i>	24
	<i>Taracticus</i>	10
	<i>Tocantinia</i>	
Isopogonini		43
	<i>Alvarenga</i>	2
	<i>Annamyia</i>	1
	<i>Aphamartania</i>	7
	<i>Aspidopyga</i>	1
	<i>Cophura</i>	25
	<i>Hodophylax</i>	2
	<i>Nicocles</i>	2
	<i>Theromyia</i>	3
Lastaurini		100
	<i>Apolastauroides</i>	1
	<i>Blepharepium</i>	7
	<i>Caenarolia</i>	10
	<i>Diogmites</i>	57
	<i>Lastaurina</i>	3
	<i>Lastaurus</i>	9
	<i>Neodiogmites</i>	11
	<i>Phonicocleptes</i>	2
Megapodini		40
	<i>Cyrtophrys</i>	4
	<i>Deromyia</i>	2
	<i>Megapoda</i>	1
	<i>Pronomopsis</i>	4
	<i>Pseudorus</i>	11
	<i>Senobasis</i>	18
LAPHRIINAE		276
Andresosomini		51
	<i>Andrenosoma</i>	29
	<i>Cerotainiops</i>	2
	<i>Dasyllis</i>	6
	<i>Pilica</i>	13
	<i>Pogonosoma</i>	1
Atomosiini		154
	<i>Aphestia</i>	2
	<i>Aphractia</i>	3
	<i>Atomosia</i>	49
	<i>Atomosiella</i>	1
	<i>Atoniomyia</i>	13
	<i>Atractia</i>	2
	<i>Bathropsis</i>	4
	<i>Cerotainia</i>	35
	<i>Cyphomyiactia</i>	1
	<i>Dissmeryngodes</i>	5
	<i>Eumecosoma</i>	13
	<i>Hodites</i>	1
	<i>Hybozelodes</i>	14
	<i>Lamprozona</i>	2
	<i>Lycosimyia</i>	2
	<i>Oidardis</i>	7
	<i>Strombocodia</i>	1
	<i>Rhatimomyia</i>	1
Dasytrichini		11
	<i>Cryptomerynx</i>	2
	<i>Dasythrix</i>	2
	<i>Smeryngolaphria</i>	7
Laphriini		41

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	<i>Ichneumolaphria</i>	3
	<i>Joartigasia</i>	3
	<i>Lampria</i>	19
	<i>Laphria</i>	6
	<i>Phellopteron</i>	8
	<i>Rhopalogaster</i>	
Neophoneini		2
	<i>Neophoneus</i>	2
	Unplaced species of Laphriinae	17
LAPHYSTIINAE		33
	<i>Apoxyria</i>	2
	<i>Asicya</i>	1
	<i>Chrysotriclis</i>	1
	<i>Cochleariocera</i>	1
	<i>Cymbipyga</i>	1
	<i>Gymnotriclis</i>	1
	<i>Helolaphyctis</i>	2
	<i>Hexameritia</i>	1
	<i>Laphygmolestes</i>	1
	<i>Laphystia</i>	3
	<i>MacaHYba</i>	1
	<i>Martinomyia</i>	3
	<i>Perasis</i>	1
	<i>Protometer</i>	2
	<i>Psilocurus</i>	4
	<i>Triclioscelis</i>	4
	<i>Zabrops</i>	3
	Unplaced species of Laphystiinae	2
LEPTOGASTRINAE		89
	<i>Apachekolos</i>	8
	<i>Beameromyia</i>	12
	<i>Eurhabdus</i>	4
	<i>Leptogaster</i>	37
	<i>Leptopteromyia</i>	7
	<i>Psilonyx</i>	6
	<i>Schildia</i>	8
	<i>Systologaster</i>	6
	<i>Tipulogaster</i>	1
STENOPOGONINAE		229
Acronychini		10
	<i>Acronyches</i>	10
Bathypogonini		1
	<i>Carebaricus</i>	1
Cyrtopogonini		54
	<i>Ablautus</i>	7
	<i>Callinicus</i>	1
	<i>Cyrtopogon</i>	2
	<i>Dasycyrton</i>	5
	<i>Dasypecus</i>	2
	<i>Graptostylus</i>	1
	<i>Hadrokolos</i>	1
	<i>Heteropogon</i>	9
	<i>Holopogon</i>	5
	<i>Itolia</i>	5
	<i>Ivettea</i>	1
	<i>Lonquimayus</i>	3
	<i>Metapogon</i>	5
	<i>Nannocyrtopogon</i>	1
	<i>Nothopogon</i>	1
	<i>Raulcortesia</i>	1
	<i>Sintoria</i>	3

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	<i>Wilcoxia</i>	(unnamed sp.)
	Unrecognized species of Cyrtopogonini	1
	Dioctriini	1
	<i>Nannodioctria</i>	1
	Echthodopini	1
	<i>Bohartia</i>	1
	Enigmomorphini	55
	<i>Alyssomyia</i>	5
	<i>Araujoa</i>	1
	<i>Archilestris</i>	5
	<i>Archilestroides</i>	1
	<i>Aymarasilus</i>	1
	<i>Creolestes</i>	5
	<i>Cylicomera</i>	2
	<i>Dicranus</i>	5
	<i>Enigmormorphus</i>	1
	<i>Leptochelina</i>	1
	<i>Microstylum</i>	5
	<i>Pritchardia</i>	5
	<i>Prolepis</i>	17
	<i>Taperigna</i>	1
	Phellini	2
	<i>Obelophorus</i>	2
	Plesiommatini	18
	<i>Cystoprosopa</i>	2
	<i>Dapsilochetus</i>	1
	<i>Plesiomma</i>	15
	Stenopogonini	53
	<i>Ospriocerus</i>	16
	<i>Scleropogon</i>	9
	<i>Stenopogon</i>	28
	Tillobromatini	34
	<i>Euthrixius</i>	3
	<i>Grajahua</i>	1
	<i>Scylaticina</i>	1
	<i>Scylaticodes</i>	4
	<i>Tillobroma</i>	21
	<i>Zabrotica</i>	1
	Unrecognized sp.	3
STICHOPOGONINAE		28
	<i>Argyropogon</i>	1
	<i>Lasiopogon</i>	3
	<i>Lissoteles</i>	9
	<i>Stichopogon</i>	5
	<i>Townsendia</i>	10
TRIGONOMIMINAE		43
	<i>Haplopogon</i>	2
	<i>Holcocephala</i>	37
	<i>Meliponomima</i>	1
	<i>Orrhodops</i>	2
	<i>Seabramyia</i>	1
Unplaced genus of Asilidae		
	<i>Araripogon</i>	1
Unplaced species of Asilidae		47

List of acronyms

AMNH – American Museum of Natural History, New York
BMNH – National Museum of Natural History, London
BUD – Magyar Természettudományi Múzeum, Budapest, Hungary
BZM – Berliner Zoologische Museum, Humboldt-Universität, Berlin, Germany
CAS – California Academy of Sciences, San Francisco, California, U. S. A.
CIS – California Insect Survey
COPN – Universitetets Zoologiske Museum, Copenhagen, Denmark
CSCLB – California State College, Long Beach, California, U. S. A.
CU – Cornell University, Ithaca, New York, U. S. A.
DEI – Deutsches Entomologisches Institut, Berlin, Germany
DZUC – Departamento de Zoología, Universidad de Concepción, Concepción, Chile
FUSAGembloux – Faculté Universitaire des Sciences Agronomiques de Gembloux, Gembloux, Namur, Belgium
FAUCV – Facultad de Agronomía, Universidad Central de Venezuela
FSCA – Florida State Collection of Arthropods, Gainesville, Florida, U. S. A.
IOC – Instituto Oswaldo Cruz, Rio de Janeiro, Brasil
IZAUCV – Instituto de Zoología Agrícola, Universidad Central de Venezuela
IZPAN – Instytut Zoologiczny Polskiej Akademii Nauk, Warsaw, Poland
KIEL – Zoologisches Museum, Christian-Albrechts Universität, Kiel, Germany
KANS – Kansas State University, Manhattan, Kansas, U.S.A.
KU – Snow Collection, University of Kansas, Lawrence, Kansas, U. S. A.
MCSNM – Museo Civico di Storia Naturale, Milan, Italy
MCZ – Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, U. S. A.
MNHNP – Muséum National d’Histoire Naturelle, Paris, France
MNHNS – Museo Nacional de Historia Natural, Santiago, Chile
MNRJ – Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brasil
MZUSP – Museu de Zoologia, Universidade de São Paulo, São Paulo, Brasil
NMW – Naturhistorisches Museum, Vienna, Austria
NCDA – North Carolina Department of Agriculture
OSU – Ohio State University, Columbus, Ohio, U. S. A.
OXF – Hope Museum, Oxford University, Oxford, England
SENCK – Senckenbergische Naturforschende Gesellschaft. Natur-Museum und Forschungsinstitut, Frankfurt a. M., Germany
SIKJ – Science Institute, Kingston, Jamaica
SMTD – Staatliches Museum für Tierkunde, Dresden, Germany
TORO – Istituto e Museo di Zoologia, Università di Torino, Turin, Italy
UCB – University of California, Berkeley, California, U. S. A.
UCD – University of California, Davis, California, U. S. A.
USNM – United States National Museum of Natural History, Smithsonian Institution, Washington, D. C.
UUEC – University of Utah Entomological Collection
ZMA – Zoologisch Museum, Amsterdam, Holland
ZSBS – Zoologische Sammlung des Bayerischen Staates, Munich, Germany

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P.S.: While this paper was in press, Dikow (2009) has proposed a new phylogeny for the Asilidae.

Family ASILIDAE Latreille, 1802

Asilici Latreille, 1802: 432. Type-genus, *Asilus* Linnaeus, 1758. Ref. – Dikow, 2004: 461.
Asilides Leach, 1815: 161.
Asilidae Kirby & Spence, 1817: 360, 379.
Asilini Schinz, 1823: 861.
Asilica Burmeister, 1829: 24.
Asiliadae Harris, 1833: 594.
Asilina Newman, 1834: 379, 391.
Asilites Newman, 1834: 379, 392.
Asilitae Macquart, 1838: 79bis (1839: 195bis).
Asilopsinae Cockerell, 1920: 251.

Subfamily Asilinae Latreille, 1802

Apocliina Lehr, 1969: 532, *nomen nudum*. Ref. – Dikow, 2004: 461.
Apocleinae Papavero, 1973a: 233, 236.

Asilus-group

Lycomyaria Lynch Arribálzaga, 1883a: 145. Type-genus, *Lycomya* Bigot, 1857.
Machimina Lehr, 1969: 532 (341), *nomen nudum*.
Machimini Lehr, 1977: 50. Type-genus, *Machimus* Loew, 1849. Ref. – Dikow, 2004: 262.

Genus *Anarmostus* Loew, 1860

Anarmostus Loew, 1860: 142. Type-species, *Asilus iopterus* Wiedemann, 1828 (orig. des.).

iopterus (Wiedemann), 1828: 438 (*Asilus*). Type-locality: “Brazil”. Distr. – Guyana, Peru (Loreto), Brazil (Pará), Bolivia (Santa Cruz). Refs. – Walker, 1849: 434 (*Asilus*), 1854: 701 (*Asilus*); Schiner, 1866: 684; Osten Sacken, 1887: 211; Williston, 1891: 89 (cat.); Aldrich, 1905: 275 (cat.); Kertész, 1909: 272 (cat.); Bromley, 1946: 117 (cat.); Carrera & d’Andretta, 1953: 74; Carrera, 1960a: 165; Hull, 1962 (2): 544, figs. 393, 759, 1617-1618, 2254, 2306, 2362, 2444; Martin & Papavero, 1970: 84 (cat.); Papavero, 1971d: 27; Lamas M., 1972: 314 (cat.); Fisher, 1985: 33. Syntypes, SENCK [cf. Geller-Grimm, 1999: 210], BZM [cf. Schumann, 1973: 121].

albolineata Macquart, 1850: 378 (1850: 74) (*Laphria*) Type-locality: Bolivia, Mojos [= Depto. Santa Cruz]. Refs. – Hull, 1962 (1): 323 (*Laphria*); Papavero, 1971d: 27 (syn.). Type, MNHNP.

Genus *Chilesus* Bromley, 1932

Chilesus Bromley, 1932: 272. Type-species, *Chilesus geminatus* Bromley, 1932 (orig. des.).

geminatus Bromley, 1932: 272. Type-locality: Chile, Magallanes. Distr. – Chile (Aysén, Magallanes), Argentina (Chubut). Ref. – Hull, 1962 (2): 538, figs. 210, 755, 1404, 1413, 2194, 2298, 2438; Artigas, 1970a: 262, figs. 223-226, 495. Type, BMNH.

Genus *Cnodalomyia* Hull, 1962

Cnodalomyia Hull, 1962 (2): 516. Type-species, *Cnodalomyia obtusa* Hull, 1962 (orig. des.).

catarinensis Lamas & Mellinger, 2008: 38, figs. 1-11. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (São Paulo, Paraná, Santa Catarina). Type, MZUSP.

obtusa Hull, 1962: 518, figs. 787, 1546, 1555, 2195, 2271. Type-locality: Brazil, Rio de Janeiro, Alto do Itatiaia. Distr. – Brazil (Rio de Janeiro). Refs. – Martin & Papavero, 1970: 83 (cat.); Lamas & Mellinger, 2008: 38, fig. 2B, 39, fig. 3B. Type, USNM.

Genus **Cratopoda** Hull, 1962

Cratopoda Hull, 1962 (2): 575. Type-species, *Asilus gayi* Macquart, 1838 (orig. des., misident.) = *Cratopoda helix* Bromley, 1935).

emarginata Artigas, 1970a: 271, figs. 236-241. Type-locality: Chile, Ñuble, Cordillera Talca, El Radal. Distr. – Chile (Biobío, Linares, Malleco, Ñuble), Argentina (Neuquén). Ref. – Artigas, 1971: 33, figs. 79-80. Type, DZUC.

helix (Bromley), 1935b: 110, fig. 1 (*Asilus*). Type-locality: “Central Chile”. Distr. – Chile (Aconcagua, Arauco, Biobío, Cautín, Concepción, Coquimbo, Curicó, Linares, Malleco, Maule, Ñuble, O’Higgins, Santiago, Talca, Valparaíso). Refs. – Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962: 545 (*Asilus*); Artigas, 1970a: 273, figs. 1-12, 242-247, 483 (n. comb.); Martin & Papavero, 1970: 97 (cat.); Artigas, 1971: 34, figs. 81-82. Type, DEI.
gayi Macquart of Hull, 1962 (2): 576, figs. 396, 737, 1527, 1536, 2227, 2430, 2454, misident.

Genus **Epipamponurus** Becker, 1919

Epipamponurus Becker, 1919: 166. Type-species, *Epipamponurus americanus* Becker, 1919 (mon.).

americanus Becker, 1919: 166. Type-locality: Ecuador, Chimborazo, Riobamba, 2754 m, and Pichincha, Casitagua, 3512 m. Distr. – Ecuador. Ref. – Martin & Papavero, 1970: 84 (cat.). Syntypes, MNHNP.

Genus **Leinendera** Carrera, 1945

Leinendera Carrera, 1945c: 184. Type-species, *Leinendera rubra* Carrera (orig. des.).

rubra Carrera, 1945c: 185, figs. 13, 19, 22-28. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Carrera, 1958a: 150; Hull, 1962 (2): 512, figs. 379, 797, 1400, 1409, 2419-2420; Martin & Papavero, 1970: 83 (cat.). Type, MZUSP.

Genus **Lestophonax** Hull, 1962

Lestophonax Hull, 1962 (2): 568. Type-species, *Lestophonax mallophoroides* Hull, 1962 (orig. des.).

mallophoroides Hull, 1962 (2): 569, figs. 336, 783, 1549, 1558, 2218, 2498-2499. Type-locality: Ecuador, Azuay, Silván, 3400 m. Distr. – Ecuador. Ref. – Martin & Papavero, 1970: 87 (cat.). Type, AMNH.

Genus **Lochyrus** Artigas, 1970

Lochyrus Artigas, 1970a: 296. Type-species, *Asilus crassus* Bromley, 1932 (orig. des.).

Ref. – Artigas, 1970a: 297 (key to spp.).

balmacedensis Artigas, 1970a: 297, figs. 274-277, 279, 416. Type-locality: Chile, Aysén, Balmaceda. Distr. – Chile (Aysén, Magallanes). Type, DZUC.

crassus (Bromley), 1932: 279, figs. 27-28 (*Asilus*). Type-locality: Chile, Concepción. Distr. – Chile (Arauco, Biobío, Cautín, Concepción, Colchagua, Curicó, Linares, Malleco, Ñuble, O’Higgins, Santiago, Talca, Valparaíso). Refs. – Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 299, figs. 278-284, 286, 425 (n. comb.); Martin

& Papavero, 1970: 88 (cat; *Asilus*, as unplaced sp.); Artigas, 1971: 38, figs. 93-94. Type, BMNH.
frezieri Artigas, 1970a: 303, figs. 285, 287-290, 485. Type-locality: Chile, Arauco, Caramávida. Distr. – Chile (Aconcagua, Arauco, Biobío, Cautín, Concepción, Coquimbo, Curicó, Linares, Malleco, Ñuble, Santiago, Talca, Valdivia, Valparaíso). Ref. – Artigas, 1971: 39, figs. 95-96. Type, DZUC.

Genus *Lycomya* Bigot, 1857

Lycomya Bigot, 1857c: 288. Type-species, *Lycomya germainii* Bigot, 1857 (mon.).
Lycomyia, emend.

germainii Bigot, 1857c: 290, pl. 6, figs. 3a-b. Type-locality: “Chile”. Distr. – Chile (Arauco, Cautín, Concepción, Curicó, Malleco, Osorno, Santiago, Valdivia, Valparaíso). Refs. – Philippi, 1865: 694; Schiner, 1866: 706, 1868: 169; Osten Sacken, 1891: 419; Williston, 1891: 419 (cat.); Kertész, 1909: 208 (cat.); Bromley, 1932: 269; Stuardo Ortiz, 1946: 84 (cat.); Carrera, 1948b: 424, figs. 1-2; Carrera & Vulcano, 1961: 76 (preys); Hull, 1962 (2): 536, figs. 367, 754, 1402, 1411, 1566, 2197, 2289, 2358, 2504 (*Lycomyia*); Artigas, 1970a: 307, figs. 291-295, 297, 409; Martin & Papavero, 1970: 84 (cat.); Artigas, 1971: 40, figs. 97-98. Type, OXF.

Genus *Machimus* Loew, 1849

Machimus Loew, 1849: 1. Type-species, *Asilus chrysitis* Meigen, 1820 (sub. des., Coquillett, 1910: 564).

Ref. – Martin, 1975c: 9-49 (rev.).

acutus Martin, 1975c: 35, figs. 8, 23. Type-locality: Mexico, Michoacán, Carapán. Distr. – Mexico (Michoacán). Type, UCD.
alterus (Williston), 1901: 330 (*Asilus* (*Tolmerus*)). Type-locality: Mexico, Guerrero, Omiltemi, 3000 ft. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 281 (cat.; *Tolmerus*); Kertész, 1909: 297 (cat.; *Tolmerus*); Hull, 1962 (2): 572 (*Tolmerus*); Martin & Papavero, 1970: 85 (cat.); Martin, 1975c: 44; Papavero & Ibáñez Bernal, 2003: 177 (hist. Mexican dipterol). Syntypes, BMNH, AMNH.

tenebrosus Williston of Williston, 1901: 328 (1 ST), misident. Ref. – Martin, 1975c: 33.

avidus (Wulp), 1869: 82 (*Asilus*). Type-locality: U. S. A., Wisconsin. Distr. – U. S. A. (Colorado, New Mexico), Mexico (Coahuila). Ref. – Hine, 1909: 147, fig. 6 (*Asilus*); Baker, 1939: 170 (*Asilus*); Hull, 1962 (2): 562 (n. comb.). Type, ZMA. [= *sadyates*?].

brevis Martin, 1975c: 36, fig. 16. Type-locality: Mexico, Durango, 10 miles west of El Salto, 9000 ft. Distr. – Mexico (Durango). Type, CNM.

bromleyanus (Carrera & d'Andretta), 1950: 179, figs. 7, 16 (*Asilus*). Type-locality: Mexico, Michoacán, Cerro Tancitaro. Distr. – Mexico (Michoacán). Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 36, fig. 34. Type, CMNH.

canceræ Martin, 1975c: 46. Type-locality: Mexico, Zacatecas, ½ mile south of Tropic of Cancer, highway 45, km post 758. Distr. – Mexico (Morelos, Zacatecas). Type, CAS.

cerasinus Martin, 1975c: 48, figs. 31-32. Type-locality: Mexico, Puebla, 20 miles north of Tehuacán, 6000 ft. Distr. – Mexico (Puebla). Type, CAS.

coleus Martin, 1975c: 17 (in key), 26, fig. 70. Type-locality: U. S. A., California, Los Angeles County, Azusa. Distr. – U. S. A. (California), Mexico. Type, CAS.

gertschi (Bromley), 1951: 33 (*Asilus*). Type-locality: Panama, Chiriquí, El Volcán. Distr. – Panama. Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 28, fig. 39. Type, AMNH.

guttatus Martin, 1975c: 42, figs. 7, 19. Type-locality: Mexico, Chiapas, 6 miles southeast of San Cristóbal. Distr. – Mexico (Chiapas). Type, CAS.

humilis (Bellardi), 1861: 151 (51) (*Asilus*). Type-locality: “Mexico”. Distr. – Mexico (Chihuahua, Distrito Federal, Guanajuato, Jalisco, México, Michoacán, Morelia, Puebla). Refs. – Aldrich, 1905: 283 (cat.; *Lophonotus*); Kertész, 1909: 276 (cat.; *Dysmachus*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 49, figs. 37, 77; Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Syntypes, TORO.

luretteae Lavigne, 1978: 55 (*nom. nov.* for *truncatus* Martin, 1975). Type-locality: Mexico, Morelos, Cuernavaca. Distr. – Mexico (Morelos).

truncatus Martin, 1975c: 41, fig. 18 (preocc. Oldroyd, 1972). Type-locality: Mexico, Morelos, Cuernavaca, 550 ft. Type, COR.

mcalpinei Martin, 1975c: 38, fig. 10. Type-locality: Mexico, Durango, 3 miles east of El Salto, 8200 ft. Distr. – Mexico (Durango, Sinaloa). Type, CMN.

?mexicanus (Macquart), 1846: 222 (1846: 94) (*Asilus*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1855: 695

- (*Asilus*); Aldrich, 1905: 282 (car.; *Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Martin & Papavero, 1970: 86 (cat.; *Machimus* (*Tolmerus*)); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.). Type, ?
- niveibarbus** (Bellardi), 1861: 153 (53) (*Asilus*, *Epitriptus* [sic]). Type-locality: Mexico, Veracruz, Córdoba. Distr. – Mexico (Veracruz, Distrito Federal). Refs. – Kertész, 1909: 296 (cat.; *Epitriptus*); Carrera & d'Andretta, 1950: 178, figs. 49-52 (*Asilus*); Hull, 1962 (2): 573 (*Epitriptus*); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 37, figs. 9, 25, 33; Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol.). Syntypes, TORO.
- niveibarba* Aldrich, 1905: 281 (cat.; *Epitriptus*), error.
- occidentalis** (Hine), 1909: 147, fig. 7 (*Asilus*). Lectotype-locality: U. S. A., California, Los Angeles County. Distr. – Canada, U. S. A., Mexico (Baja California). Refs. – Hull, 1962 (2): 562; Martin & Wilcox, 1965: 396 (cat.); Martin & Papavero, 1970: 85 (cat.); Martin, 1975c: 19, figs. 21, 72; O'Neill, 1992: 34 (biol.), 1995: 248 (predator of grasshoppers); O'Neill & Kemp, 1992: 323 (behavioral thermoregulation). Lectotype OSU [des. by Martin, 1975: 20].
- oriens** Martin, 1975c: 39, fig. 22. Type-locality: Mexico, México, highway 190, km post 49. Didtr. – Mexico (México). Type, CAS.
- painteri** Martin, 1975c: 40, fig. 20. Type-locality: Mexico, Morelos, Cuernavaca. Distr. – Mexico (Chiapas, Durango, Guerrero, Hidalgo, Michoacán, Morelos, Oaxaca, Puebla, Zacatecas). Type, CAS.
- submaculus** Martin, 1975c: 43, figs. 4, 27, 36. Type-locality: Mexico, west slope of Popocatepetl, 10,000 ft. Distr. – Mexico (Michoacán, Morelos). Type,
- tenebrosus** (Williston), 1901: 328 (*Asilus* (*Asilus*)). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. – U. S. A. (Arizona, Colorado, New Mexico, Utah), Mexico (Durango, Guerrero). Refs. – Aldrich, 1905: 283 (cat.; *Asilus*); Hine, 1909: 146, fig. 5 (*Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Brown, 1929: 317, pl. 30, figs. 56-57 (*Asilus*); Bromley, 1935c: 2 (*Asilus*); Baker, 1939: 169 (*Asilus*); Carrera & d'Andretta, 1950: 178, fig. 15 (*Asilus*); Hull, 1962 (2): 562; Martin & Wilcox, 1965: 396 (cat.); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 33, fig. 14; Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol.). Syntypes, BMNH, AMNH.
- ventralis** Martin, 1975: 34, figs. 28, 42. Type-locality: Honduras, El Zamorano, Francisco Morazán, Mt. Uyuca, 6000 ft. Distr. – Honduras. Type, OSU.

Genus **Menexenus** Artigas, 1970

Menexenus Artigas, 1970a: 317. Type-species, *Asilus concepcionensis* Bromley, 1932 (orig. des.).

Ref. – Artigas, 1970a: 318 (key to spp.).

- concepcionensis** (Bromley), 1932: 281 (*Asilus*). Type-locality: Chile, Concepción. Distr. – Chile (Aconcagua, Concepción, Coquimbo, Linares, Maule, Malleco, Ñuble, Santiago, Valparaíso), Argentina (Río Negro). Refs. – Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 319, figs. 334-340, 408 (n. comb.); Martin & Papavero, 1970: 88 (cat.; *Asilus*, as unplaced sp.); Artigas, 1971: 42, figs. 103-104. Type, BMNH.
- schlingeri** Artigas, 1982: 19, figs. 1-11. Type-locality: Argentina, Chubut, 13 km north of Puerto Madryn, 120 m. Distr. – Argentina (Chubut). Type, DZUC.
- veredus** Artigas, 1970a: 321, figs. 341-344, 424. Type-locality: Chile, Santiago, El Canelo. Distr. – Chile (Santiago). Type, DZUC.

Genus **Neomochtherus** Osten Sacken, 1878

- Mochtherus* Loew, 1849: 58 (preocc. Schmidt-Goebel, 1846). Type-species, *Asilus pallipes* Meigen, 1820 (sub. des., Coquillett, 1910: 575).
- Neomochtherus** Osten Sacken, 1878: 82 (cat.; *nom. nov.* for *Mochtherus* Loew, 1849). Type-species, *Asilus pallipes* Meigen, 1820 (aut.).
- californicus** (Hine), 1909: 164, fig. 36 (*Asilus*). Type-locality: U. S. A., California, Cisco, 5000 ft. Distr. – U. S. A. (Oregon, Idaho, Nevada, California), Mexico (Baja California). Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Wilcox, 1965: 392 (cat.; *Asilus*); Wilcox, 1965: 392 (*Asilus*).
- oregonae* Martin, 1975c: 92. Type-locality: U. S. A., Oregon, 2 miles west of Sisters. Type, CAS.

Genus **Philonicus** Loew, 1849

Philonicus Loew, 1849: 144. Type-species, *Asilus albiceps* Meigen, 1820 (mon.).

Philonotus Neuhaus, 1886: 64 (unnecessary *nom. nov.* for *Philonicus* Loew, 1849). Type-species, *Asilus albiceps* Meigen, 1820 (aut.).

One species known as fossil: *Philonicus saxorum* James (1939: 44) (Oligocene; U. S. A., Colorado).

- albospinosus** (Bellardi), 1861: 154 (54) (*Asilus*, ?*Epitriptus*). Type-locality: Mexico, surroundings of Mexico City. Distr. – Mexico. Refs. – Aldrich, 1905: 281 (cat.; ?*Epitriptus*); Kertész, 1909: 294 (cat.; *Epitriptus*); Hull, 1962 (2): 573; Martin & Papavero, 1970: 85 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, (male) TORO.
- taeniatus* Bellardi, 1861: 155 (55) (*Asilus*, *Philonicus*). Type-locality: “Mexico”. Refs. – Kertész, 1909: 289 (cat.; *Heligmonera*, as syn. of *truquii* Bellardi, 1861); Hull, 1962 (2): 590 (*Neomochtherus*); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, (female) TORO.
- arizonensis** (Williston), 1893a: 73 (*Stenoprosopus*). Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Chihuahua). Refs. – Hull, 1962 (2): 562; Martin & Wilcox, 1965: 398 (cat.); Martin & Papavero, 1970: 85 (cat.).
- fuliginosus** (Bellardi), 1861: 152 (52) (*Asilus*, ?*Mochtherus*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Aldrich, 1905: 281 (cat.; *Heligmonera*); Kertész, 1909: 281 (cat.; *Heligmonera*); Hull, 1962 (2): 590 (*Neomochtherus*); Martin & Papavero, 1970: 85 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- plebeius** (Osten Sacken), 1887: 209 (*Neomochtherus*). Type-locality: Mexico, northern Sonora. Distr. – Mexico (Sonora). Refs. – Hull, 1962 (2): 590 (*Neomochtherus*; as syn. of *truquii* Bellardi, 1861); Martin & Papavero, 1970: 85 (cat.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- plebeius* Martin, 1965b: 131, error.
- truquii** (Bellardi), 1861: 152 (52) (*Asilus*, *Mochtherus*). Type-locality: “Mexico”. Distr. – U. S. A. (Arizona), Mexico. Refs. – Wulp, 1882b: 116 (*Mochtherus*); Williston, 1901: 328 (*Heligmonera*); Aldrich, 1905: 281 (cat.; *Heligmonera*); Hine, 1909: 169, figs. 42–43 (*Asilus*); Kertész, 1909: 289 (cat.; *Heligmonera*); Bromley, 1935c: 4 (n. comb.); Hull, 1962 (2): 590 (*Neomochtherus*); Martin & Wilcox, 1965: 398 (cat.); Martin & Papavero, 1970: 85 (cat.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- tuxpanganus** (Bellardi), 1862: 119 (22) (*Asilus*). Type-locality: Mexico, Tuxpango, near Orizaba. Distr. – Mexico (Michoacán, San Luís Potosí, Veracruz), Guatemala. Refs. – Aldrich, 1905: 282 (cat.; *Philodicus*); Hine, 1907: 118, 1909: 169; Kertész, 1909: 270 (cat.); Carrera & d’Andretta, 1950: 177 (*Asilus*); Hull, 1962 (2): 562; Martin & Papavero, 1970: 85 (cat.); Papavero & Ibáñez Bernal, 2001: 110 (hist. Mexican dipterol). Type, TORO.

Genus *Polacantha* Martin, 1975

Polacantha Martin, 1975c: 49. Type-species, *Asilus compositus* Hine, 1918 (orig. des.).

Polacantha, subg. *Echinitropis* Martin, 1975c: 60. Type-species, *Asilus (Heligmonera) xanthocerus* Williston, 1901 (orig. des.). **n.syn.**

Ref. – Martin, 1975c: 49–61 (rev.).

- badia** Martin, 1975c: 53 [*Polacantha (Polacantha)*]. Type-locality: Mexico, Hidalgo, La Zorra, highway 85, km post 276. Distr. – Mexico (Hidalgo). Type, CAS.
- brevis** Martin, 1975c: 54 [*Polacantha (Polacantha)*]. Type-locality: Mexico, Chiapas, Tuxtla Gutiérrez, 1000 ft. Distr. – Mexico (Chiapas). Type, COR.
- composita** (Hine), 1918: 321 (*Asilus*). Type-locality: U. S. A., California, San Diego. Distr. – U. S. A. (Arizona, California, Nevada, New Mexico, Oregon, Texas, Utah), Mexico (Baja California and Chihuahua, Coahuila to San Luís Potosí). Refs. – Distr. – Bromley, 1935c: 4 (*Asilus*); Baker, 1939: 169 (*Erax*); Hull, 1962 (2): 545 (*Asilus*); Martin, 1975c: 55, figs. 43, 45, 58 ([*Polacantha (Polacantha)*], n. comb.). Type, OSU.
- petila** Martin, 1975c: 57 [*Polacantha (Polacantha)*]. Type-locality: Mexico, Durango, 24 miles west of La Ciudad. Distr. – Mexico (Durango). Type, CNM.
- sinuosa** Martin, 1975c: 58 [*Polacantha (Polacantha)*]. Type-locality: U. S. A., Texas, Chisos Mountains, Rim trail to Juniper Flats. Distr. – U. S. A. (Texas), Mexico (Durango, Nuevo León, Tamaulipas). Type, CAS.
- tridens** Martin, 1975c: 59, fig. 44. Type-locality: Mexico, Hidalgo, Zimapán. Distr. – Mexico (Durango, Hidalgo). Type, CAS.
- xanthocera** (Williston), 1901: 329 (*Asilus (Heligmonera)*). Type-locality: Mexico, Guerrero: Dos Arroyos, río Papagaio, Venta de Zopilote, and Tierra Colorada. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 281 (cat.; *Heligmonera*); Kertész, 1909: 289 (cat.; *Heligmonera*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 91 (cat.; unplaced); Martin, 1975c: 60, fig. 60 ([*Polacantha (Echinitropis)*]; n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH, TP SMTD [cf. Kallweit, 1992: 198].

Genus **Prolatiforceps** Martin, 1975

Prolatiforceps Martin, 1975c: 61. Type-species, *Asilus melanocerus* Williston, 1901 (orig. des.).

Ref. – Martin, 1975c: 61-71 (rev.).

- anonymus** (Williston), 1901: 330 (*Asilus (Neoitamus)*). Type-locality: Mexico, Guerrero: Omiltemi and Sierra de las Aguas Escondidas, 8000-9500 ft. Distr. – Mexico (Guerrero, Chiapas, Michoacán, San Luis Potosí, Sinaloa). Refs. – Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 299 (cat.; *Machimus*); Carrera & d'Andretta, 1950: 178, figs. 3, 17, 30, 34 (*Asilus*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 64, figs. 57, 68 (n. comb.); Papavero & Ibáñez Bernal, 2003: 177 (hist. Mexican dipterol). Syntypes, BMNH, AMNH, SMTD [cf. Kallweit, 1992: 194].
- capillatus** (Williston), 1901: 330 (*Asilus (Neoitamus)*). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 281 (cat.; *Neoitamus*); Kertész, 1909: 291 (cat.; *Neoitamus*); Hull, 1962 (2): 557 (*Neoitamus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 64 (n. comb.); Papavero & Ibáñez Bernal, 2003: 177 (hist. Mexican dipterol). Syntypes, BMNH, AMNH.
- dolichomerus** (Williston), 1901: 329 (*Asilus (Heligmoneura)*). Type-locality: Mexico, Guerrero: Omiltemi, Sierra de las Aguas Escondidas, and Amula, 6000-9500 ft. Distr. – Mexico (Distrito Federal, Durango, Guerrero, Jalisco, Michoacán, Morelos, Oaxaca, Sinaloa). Refs. – Aldrich, 1905: 281 (cat.; *Heligmoneura*); Kertész, 1909: 286 (cat.; *Heligmoneura*); Carrera & d'Andretta, 1950: 178, figs. 45-48 (*Asilus*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 65, figs. 55, 64 (n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH, AMNH, SMTD [cf. Kallweit, 1992: 195].
- fenestellus** Martin, 1975c: 67, figs. 56, 61. Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. – Mexico (Guerrero). Type, CAS.
- infuscatus** (Bellardi), 1861: 156 (56), pl. 2, fig. 15 (*Asilus*). Type-locality: “Mexico”. Distr. – Mexico (Nuevo León, Veracruz). Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Syntypes, TORO.
- melanocerus** (Williston), 1901: 329 (*Asilus (Heligmoneura)*). Type-locality: Mexico, Guerrero, Omiltemi, 8000 ft. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 281 (cat.; *Heligmoneura*); Kertész, 1909: 281 (cat.; *Heligmoneura*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 69, figs. 51, 62 (n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH, AMNH.
- neriacensis** (Bromley), 1951: 34 (*Asilus*). Type-locality: Mexico, Neriaco, 10,500 ft. Distr. – Mexico. Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin, 1975c: 70, figs. 54, 63 (n. comb.). Type, AMNH.
neriacensis Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*), error.
- nigrocaudatus** (Williston), 1901: 329 (*Asilus (Neoitamus)*). Type-locality: Mexico, Guerrero: Omiltemi, and Xucumanatlán, 7000-8000 ft. Distr. – Mexico (Guerrero, Jalisco, Michoacán). Refs. – Aldrich, 1905: 281 (cat.; *Neoitamus*); Kertész, 1909: 293 (cat.; *Neoitamus*); Hull, 1962 (2): 557 (*Neoitamus*); Martin & Papavero, 1970: 86 (cat.; *Machimus (Tolmerus)*); Martin, 1975c: 70 (n. comb.); Papavero & Ibáñez Bernal, 2003: 177 (hist. Mexican dipterol). Syntypes, BMNH, AMNH.

Genus **Pteralbis** Ayala, 1981

Pteralbis Ayala, 1981: 51. Type-species, *Neoitamus peregrinus* Carrera & Machado-Allison, 1963 (orig. des.).

- borburatensis** Ayala, 1981: 55, figs. 12-13. Type-locality: Venezuela, Carabobo, río Borburata, 250 m. Distr. – Venezuela (Carabobo). Type, IZAUCV.
- jolyi** Ayala, 1981: 54, figs. 1-5, 8-9. Type-locality: Venezuela, Miranda, La Silla de Caracas, vía al Paraíso, 1300 m. Distr. – Venezuela (Aragua, Miranda). Type, IZAUCV.
- peregrinus** (Carrera & Machado-Allison), 1963: 258, figs. 4-5 (*Neoitamus*). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. – Venezuela (Aragua). Refs. – Martin & Papavero, 1970: 90 (cat.; unplaced); Ayala, 1981: 53, figs. 6-7, 10-11 (n. comb.). Type, FAUCV.

Genus **Stenasilus** Carrera, 1960

Stenasilus Carrera, 1960a: 166. Type-species, *Asilus tenuis* Wiedemann, 1828 (orig. des.).
Senoprosopis Macquart of authors, misident.

- brasilienis** (Schiner), 1867: 404 (*Senoprosopis*). Type-locality: "Brazil". Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Williston, 1891: 89 (cat.; *Senoprosopis*); Kertész, 1909: 284 (cat.; *Stenoprosopis*); Bromley, 1946: 117 (cat.; *Senoprosopis*); Carrera, 1945c: 189, figs. 29-35 (*Senoprosopis*); Hull, 1962 (2): 500, fig. 703 (*Senoprosopis*); Martin & Papavero, 1970: 61 (cat.). Type, NMW.
- impedens** (Wiedemann), 1828: 587 (*Asilus*). Type-locality: "Brazil" [Freireiss; cf. Papavero, 1971e: 57-58]". Refs. – Schiner, 1866: 690 (*Erax*); Jaenicke, 1867: 366 (*Senoprosopis*); Williston, 1891: 85 (cat.; *Senoprosopis*); Kertész, 1909: 284 (cat.; *Stenoprosopis*); Bromley, 1946: 117 (cat.; *Senoprosopis*); Hull, 1962 (2): 500, figs. 701, 1492, 1501, 2312 (*Senoprosopis*); Martin & Papavero, 1970: 61 (cat.). Type, SENCK [cf. Geller-Grimm, 1999: 209].
- lutipes** (Wiedemann), 1828: 454 (*Asilus*). Type-locality: "Brazil" [Freyreiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 707 (*Asilus*); Schiner, 1866: 685 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 259 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; unplaced); Geller-Grimm, 1999: 210 (n. comb.). Type, SENCK [cf. Geller-Grimm, 1999: 210].
- tenuis** (Wiedemann), 1828: 448 (*Asilus*). Type-locality: "Brazil". Distr. – Guyana, Brazil (Rio de Janeiro). Refs. – Walker, 1855: 706 (*Asilus*); Schiner, 1866: 685 (*Senoprosopis*); Williston, 1891: 89 (cat.; *Senoprosopis*); Kertész, 1909: 284 (cat.; *Stenoprosopis*); Bromley, 1946: 117 (cat.; *Senoprosopis*); Carrera, 1960a: 167 (n. comb.); Hull, 1962 (2): 500, figs. 334, 700, 1479, 2356 (*Senoprosopis*); Martin & Papavero, 1970: 61 (cat.).
- varipes** (Schiner), 1867: 405 (*Senoprosopis*). Type-locality: "Brazil". Refs. – Williston, 1891: 89 (cat.; *Senoprosopis*); Kertész, 1909: 284 (cat.; *Stenoprosopis*); Bromley, 1946: 117 (cat.; *Senoprosopis*); Hull, 1962 (2): 500, fig. 702 (*Senoprosopis*); Martin & Papavero, 1970: 61 (cat.). Type, NMW.

Genus *Stizolestes* Hull, 1962

Stizolestes Hull, 1962 (2): 560. Type-species, *Asilus nigriventris* Philippi, 1865 (orig. des.).

Ref. – Artigas, 1970a: 350 (key to spp.).

- atribarbis** Artigas, 1970a: 352, figs. 389, 459. Type-locality: Chile, Arauco, Pichinahuel, Cordillera Nahuelbuta. Distr. – Chile (Arauco, Malleco). Type, DZUC.
- aureomaculatus** (Bromley), 1932: 274, fig. 25 (*Asilus*). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. – Chile (Arauco, Cautín, Chiloé, Concepción, Linares, Llanquihue, Malleco, Osorno, Valdivia). Refs. – Stuardo Ortiz, 1946: 84 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 353, figs. 385, 386, 461 (n. comb.), 1971: 49, figs. 122-123. Type, BMNH.
- eritrichus** (Philippi), 1865: 698 (*Asilus*). Type-locality: Chile. Neotype-locality: Chile, Linares, Fundo Malcho, Cordillera Parral. Distr. – Chile (Linares). Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 256 (cat.; *Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 355, figs. 387-388, 468 (n. comb.). Type, lost. NT DZUC (des. by Artigas, 1970a: 355).
- gayi** (Macquart), 1838: 148 (1839: 264) (*Asilus*). Type-locality: "Chile". Distr. – Chile (Arauco, Cautín, Concepción, Curicó, Linares, Llanquihue, Malleco, Maule, Ñuble, Santiago, Talca, Valdivia). Refs. – Macquart, 1849: 95 (*Asilus*); Blanchard, 1852: 370 [misprinted as 270], pl. 2, figs. 12, 12a (*Asilus*); Walker, 1855: 704 (*Asilus*); Philippi, 1865: 695 (*Asilus*); Williston, 1891: 89 (cat.; *Asilus*); Kertész, 1909: 277 (cat.; *Dysmachus*); Bromley, 1932: 273 (*Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Artigas, 1970a: 356, figs. 391, 394, 501 (n. comb.), 1971: 49, figs. 126-127. Type, MNHNP.
- valdivianus** Philippi, 1865: 696 (*Asilus*). Type-locality: Chile, Valdivia. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 265 (cat.; *Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 546 (*Asilus*). Type, lost.
- incomptus** Philippi, 1865: 696 (*Asilus*). Type-locality: Chile, Valdivia. Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Bromley, 1932: 281 (*Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*). Type, lost.
- mayi** (Edwards), 1932: 275 (*Asilus*). Type-locality: Argentina, Río Negro, Puerto Blest. Distr. – Chile (Arauco, Aysén), Argentina (Río Negro). Refs. – Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 359, figs. 393, 444 (n. comb.), 1971: 50, figs. 124-125. Type, BMNH.
- modellus** (Bromley), 1932: 275 (*Asilus*). Type-locality: Chile, Llanquihue, Casa Pangue. Distr. – Chile (Arauco, Cautín, Concepción, Curicó, Linares, Llanquihue, Malleco, Ñuble, Osorno, Valdivia), Argentina (Río Negro). Refs. – Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 360, figs. 390, 499 (n. comb.), 1971: 50, figs. 128-129. Type, BMNH.
- nigriventris** (Philippi), 1865: 966 (*Asilus*). Type-locality: Chile. Neotype-locality: Chile, Cautín, Temuco. Cerro Ñielol. Distr. – Chile (Aconcagua, Arauco, Aysén, Biobío, Cautín, Chiloé, Concepción, Coquimbo, Curicó, Linares, Llanquihue, Malleco, Ñuble, O'Higgins, Osorno, Santiago, Talca, Valdivia, Valparaíso). Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 261 (cat.; *Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 561, figs. 310, 773, 1528, 1537, 2177, 2211, 2351, 2407, 2410 (n. comb.); Artigas, 1970a: 362., figs. 392, 395-398, 503, 1971: 51, figs. 130-131; Artigas & Reyes, 1995: 201, figs. 1-2, 14-15. Type, lost. NT DZUC (des. by Artigas, 1970a: 362).

pamponeroides (Edwards), 1932: 277, fig. 26 (*Asilus*). Type-locality: Chile, Chiloé, Ancud. Distr. – Chile (Arauco, Chiloé, Concepción, Valdivia, Valparaíso). Ref. – Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 367, figs. 399, 502 (n. comb.), 1971: 51, figs. 132-133. Type, BMNH.
nigriventris Philippi of Hull, 1962 (2): 560 (*Asilus*), 561, figs. 210, 773, 1528, 1537, 2177, 2211, 2351, 2407, 2410, misident.

Genus **Threnia** Schiner, 1866

Threnia Schiner, 1866: 667 (in key), 674 (1868: 194; second erection of genus). Type-species, *Asilus carbonarius* Wiedemann, 1828 (orig. des.).

carbonaria (Wiedemann), 1828: 454 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Distr. – Bolivia (Sara), Brazil (Rio de Janeiro, São Paulo). Refs. – Walker, 1855: 705 (*Asilus*); Schiner, 1866: 685, 1868: 74, pl. 2, fig. 11; Williston, 1891: 88 (cat.); Kertész, 1909: 272 (cat.); Carrera, 1945a: 165 (prey); Bromley, 1946: 116 (cat.); Carrera, 1952b: 240, figs. 1-6, 1958a: 150, 1960a: 165; Carrera & Vulcano, 1961: 76 (prey); Hull, 1962 (2): 578, figs. 311, 777, 1476, 1485, 2220, 2450, 2452, 2502; Martin & Papavero, 1970: 87 (cat.). Type, BZM [no. 373; cf. Schumann, 1973: 95].

kelleri Carrera, 1952b: 243, figs. 11-15. Type-locality: Brazil, São Paulo, Porto Cabral, rio Paraná. Distr. – Brazil (Minas Gerais, São Paulo). Refs. – Carrera & Vulcano, 1961: 76 (prey); Hull, 1962 (2): 578; Martin & Papavero, 1970: 61 (cat.). Type, MZUSP.

longipennis Schiner, 1868: 185. Type-locality: “South America”. Refs. – Williston, 1891: 88 (cat.); Kertész, 1909: 272 (cat.); Carrera, 1952b: 250; Hull, 1962 (2): 578; Martin & Papavero, 1970: 61 (cat.). Type, NMW.

lugens Schiner, 1868: 185. Type-locality: “South America”. Refs. – Williston, 1891: 88 (cat.); Kertész, 1909: 272 (cat.); Carrera, 1952b: 250; Hull, 1962 (2): 578; Martin & Papavero, 1970: 61 (cat.). Type, NMW.

rabelloi Carrera, 1952b: 242, figs. 7-10. Type-locality: Brazil, São Paulo, São Bento do Sapucaí. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Carrera, 1960a: 165; Carrera & Vulcano, 1961: 76 (prey); Hull, 1962 (2): 578; Martin & Papavero, 1970: 61 (cat.). Type, MZUSP.

therimachus (Walker), 1851: 137 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 705 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 264 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 546 (*Asilus*).

Genus **Wyliea** Martin, 1975

Wyliea Martin, 1975c: 78. Type-species, *Asilus mydas* Brauer, 1885 (orig. des.).

Ref. – Martin, 1975c: 79 (key to spp.).

chrysauges (Osten Sacken), 1887: 208 (*Asilus*). Type-locality: Guatemala, Baja Verapaz, Panima. Distr. – Mexico (Oaxaca), Guatemala (Bava Verapaz). Refs. – Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 253 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; unplaced); Martin, 1975c: 79 (in key; n. comb.); Fisher & Hespeneheide, 1992: 630 (note 8). Type, BMNH.

mydas (Brauer), 1885: 387, pl., figs. 1, 1a (*Asilus*). Type-locality: “Mexico”. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Durango, Morelos). Refs. – Kertész, 1909: 261 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Wilcox, 1965: 392 (cat.; *Asilus*); Martin & Papavero, 1970: 90 (cat.; unplaced); Martin, 1975c: 79 (in key), figs. 74-76 (n. comb.); Fisher & Hespeneheide, 1992: 630 (note 8). Type, NMW.

mydas Osten Sacken, 1887: 209 (*Asilus*); Williston, 1893a: 69 (*Asilus*); Aldrich, 1905: 282 (cat.; *Asilus*), Hine, 1909: 165 (*Asilus*), error or emend.

Efferia-group

Genus **Albibarbefferia** Artigas & Papavero, 1997

Albibarbefferia Artigas & Papavero, 1997b: 68. Type-species, *Erax abibarbis* Macquart, 1838 (orig. des.).

Erax, barbatus-group of Hine, 1919: 108.

Efferia, albibarbis-group of Wilcox, 1966c: 104.

- albibarbis** (Macquart), 1838: 118 (1839: 234) (*Erax*). Type-locality: “North America”. Neotype-locality: U. S. A., Ohio, Paint Creek, Bainbridge. Distr. – North America south into Guatemala. Refs. – Walker, 1855: 618 (*Erax*); Schiner, 1867: 395 (*Erax*); Kertész, 1909: 235 (cat.; *Erax*; as syn. of *cinerascens* Bellardi, 1861); Hine, 1918: 3 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 393 (cat.; *Efferia*); Wilcox, 1966c: 108 (*Efferia*); Martin & Papavero, 1970: 62 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.). Type, MNHNP (only legs and wings remaining). NT USNM [des. by Martin, 1962b: 252].
- pumilus* Walker, 1855: 640 (*Erax*; preocc. Macquart, 1849). Type-locality: Mexico, Veracruz. Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*).
- cinerascens* Bellardi, 1861: 139 (39), pl. 2, fig. 10 (*Erax*). Type-locality: Mexico, Veracruz: Tuxpango, near Orizaba. Refs. – Schiner, 1867: 394 (*Erax*); Osten Sacken, 1887: 202 (*Erax*); Cockerell, 1894: 173 (*Erax*); Townsend, 1895: 599 (*Erax*); Williston, 1901: 323 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*). Type, TORO.
- tricolor* Bellardi, 1861: 140 (40), pl. 2, fig. 12 (*Erax*). Type-locality: Mexico, surroundings of Mexico City. Refs. – Townsend, 1895: 599 (*Erax*); Aldrich, 1905: 278 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Engel, 1930: 460 (*Erax*); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- furax* Williston, 1885: 67 (*Erax*). Type-locality: U. S. A., “Washington Territory”, California, western Kansas, Arizona, Connecticut. Syntypes, KU.
- cinerescens* Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.), error.
- armata** (Hine), 1918: 4 (*Erax*). Type-locality: U. S. A., Texas, Davis Mountains, Fort Davis Quadrangle, Phantom Lake. Distr. – U. S. A. (Texas), Mexico (Coahuila, Nuevo León, Tamaulipas, Veracruz). Refs. – Hine, 1919: 112 (*Erax*); Baker, 1939: 169 (*Erax*); Carrera & d’Andretta, 1950: 172, figs. 12, 28 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 109 (*Efferia*). Type, OSU.
- bicolor** (Bellardi), 1861: 147 (47) (*Erax*). Type-locality: Mexico, surroundings of Mexico City. Distr. – U. S. A. (Arizona, New Mexico, Texas, Mississippi), Mexico (Distrito Federal, Michoacán). Refs. – Aldrich, 1905: 85 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hine, 1919: 110 (*Erax*); Bromley, 1935: 4 (*Erax*); Carrera & d’Andretta, 1950: 172 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Wilcox, 1966c: 111 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- bimaculata** (Bellardi), 1861: 145 (45), pl. 2, fig. 11 (*Erax*). Type-locality: “Mexico”. Distr. – Mexico (Jalisco, Morelos, Nayarit, Veracruz). Refs. – Schiner, 1868: 182 (*Erax*); Williston, 1891: 85 (cat.; *Erax*), 1901: 325 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hine, 1919: 115 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- cingulata** (Bellardi), 1861: 142 (42) (*Erax*). Type-locality: Mexico, Morelos, Cuautla. Distr. – Mexico (Michoacán, Morelos). Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hine, 1919: 111, fig. 34 (*Erax*); Carrera & d’Andretta, 1950: 175 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- duncani** (Wilcox), 1966c: 112 (*Efferia*). Type-locality: U. S. A., Arizona, San Carlos Lake. Distr. – U. S. A. (Arizona), Mexico. Type, CAS.
- eximia** (Bellardi), 1861: 138 (38) (*Erax*). Type-locality: Mexico, surroundings of Mexico City. Distr. – Mexico (D. F., Morelos). Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- eximeus* Hine, 1919: 146, fig. 46 (*Erax*), error.
- grandis** (Hine), 1919: 111 (*Erax*). Type-locality: U. S. A., Texas, Round Mountains. Distr. – U. S. A., Mexico (Coahuila, Nuevo León, Tamaulipas). Refs. – Baker, 1939: 169 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 113 (*Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.). Syntypes, OSU.
- ?heteroptera** (Macquart), 1846: 211 (1846: 83), pl. 8, fig. 6 (*Erax*). Type-locality: “Colombia” (as “Nouvelle Grenade”, cold region). Refs. – Walker, 1855: 634 (*Erax*); Schiner, 1868: 182 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 65 (cat.; *Efferia*, as *heteropterus*, error); Artigas & Papavero, 1997b: 68 (n. comb.). Type, OXF.
- incognita** (Forbes), 1987: 296, figs. 1, 3, 7 (*Efferia*). Type-locality: U. S. A., Texas, Davis Mountains, south side of Route 166, 6.3 miles southwest of junction with route 118, 1790 m. Distr. – U. S. A. (New Mexico, Texas), Mexico (Chihuahua). Type, CAS.
- marginata** (Bellardi), 1861: 146 (46) (*Erax*). Type-locality: Mexico, Morelos, Cuatla. Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 239 (cat.; *Erax*); Martin & Papavero, 1970: 66 (cat.; *Erax*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- peralta** (Wilcox), 1966c: 115 (*Efferia*). Type-locality: U. S. A., California, Orange County, Peralta (4 miles east of Olive). Distr. – U. S. A. (California), Mexico. Type, CAS.
- quadrinaculata** (Bellardi), 1861: 144 (44), pl. 2, fig. 13 (*Erax*). Type-locality: Mexico, Veracruz: Playa Vicente and Córdoba. Distr. – Mexico (Veracruz) Refs. – Williston, 1901: 325 (*Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Hine, 1919: 114 (*Erax*; ?specimens from Colombia); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican

dipterol). Syntypes, TORO.

- sagax** (Williston), 1901: 324 (*Erax*). Type-locality: Mexico, Jalisco, Santiago Iscuintla. Distr. – Mexico (Jalisco). Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Hine, 1919: 113 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 68 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- sonorensis** (Forbes), 1987: 298, figs. 2, 4, 8 (*Efferia*). Type-locality: Mexico, Sonora, 17 miles north of El Caballo (south of Hermosillo). Distr. – Mexico (Sinaloa, Sonora). Type, CAS.
- vertebrata** (Bromley), 1940: 14 (*Erax*). Type-locality: U. S. A., California, Warner Springs. Distr. – U. S. A. (California, Arizona), Mexico. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 396 (cat.; *Efferia*); Wilcox, 1966c: 108 (*Efferia*).

Genus *Carinefferia* Artigas & Papavero, 1997

Carinefferia Artigas & Papavero, 1997b: 69. Type-species, *Erax carinatus* Bellardi, 1861 (orig. des.).

Erax, carinatus-group of Hine, 1919: 131.

Efferia, arida-group of Wilcox, 1966c: 138.

- aper** (Walker), 1855: 621 (*Erax*). Type-locality: “Mexico”. Distr. – Mexico (Oaxaca), Guatemala. Refs. – Aldrich, 1905: 275 (cat.; *Erax*); Kertész, 1909: 233 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 69 (n. comb.); Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). Type, BMNH.
- comatus** Bellardi, 1861: 134 (34) (*Erax*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 478; Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- unicolor** Bellardi, 1861: 137 (37) (*Erax*). Type-locality: Mexico, Veracruz, Orizaba. Refs. – Wulp, 1882b: 114 (*Erax*); Aldrich, 1905: 278 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Hine, 1919: 132, fig. 60 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- caliente** (Wilcox), 1966c: 153, figs. 109-110 (*Efferia*). Type-locality: U. S. A., California, San Diego County, Aguas Calientes. Distr. – U. S. A. (California). Type, CAS.
- carinata** (Bellardi), 1861: 136 (36), pl. 2, fig. 9 (*Erax*). Type-locality: “Mexico”. Distr. – Mexico (Guerrero). Refs. – Osten Sacken, 1887: 205 (*Erax*); Townsend, 1895: 598 (*Erax*); Williston, 1901: 323 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hine, 1919: 131, fig. 58 (*Erax*); Hull, 1962 (2): 478; Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 68 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- concinata** (Williston), 1901: 323 (*Erax*). Type-locality: Mexico, Guerrero: Acaguizotla and Rincón. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hine, 1919: 131, fig. 57 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 70 (n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH.
- cressoni** (Hine), 1919: 134, fig. 50 (*Erax*). Type-locality: U. S. A., New Mexico, Alamogordo. Distr. – U. S. A. (New Mexico, Texas), Mexico. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 157 (*Efferia*); Lavigne & Dennis, 1985: 146 (*Efferia*; ethology); Dennis, Lavigne & Bullington, 1986: 42 (*Efferia*). Type, ANSP.
- latruncula** (Williston), 1885: 67 (*Erax*). Type-locality: U. S. A., Montana and Arizona. Distr. – U. S. A. (Arizona, Utah), Mexico. Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Hine, 1919: 132, fig. 56 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 395 (cat.; *Efferia*); Wilcox, 1966c: 159 (*Efferia*). Type, KU.
- parvula** (Bellardi), 1861: 135 (35), pl. 2, fig. 8 (*Erax*). Type-locality: “Mexico”. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Hine, 1919: 132, fig. 55 (*Erax*); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1997b: 70 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- prolifera** (Osten Sacken), 1887: 202 (*Erax*). Type-locality: Mexico, northern Sonora. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Sonora). Refs. – Williston, 1891: 86 (cat.; *Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Wilcox, 1966c: 160 (*Efferia*); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1997b: 70 (n. comb.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- willistoni** (Hine), 1919: 110 (*Erax*). Type-locality: U. S. A., Arizona, Williams. Distr. – U. S. A. (Arizona, Colorado, New Mexico), Mexico (Chihuahua). Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 396 (cat.; *Efferia*); Wilcox, 1966c: 162 (*Efferia*). Type, USNM.

Genus *Cratolestes* Hull, 1962

Cratolestes Hull, 1962 (2): 483. Type-species, *Asilus spectabilis* Philippi, 1865 = *Cratolestes chiliensis* (Macquart, 1950) (orig. des.).

- chiliensis** (Macquart), 1850: 389 (1850: 85), pl. 8, fig. 5 (*Erax*). Type-locality: “Chile”. Distr. – Chile (Acocagua, Antofagasta, Biobío, Concepción, Cautín, Coquimbo, Malleco, Maule, Ñuble, Santiago, Valparaíso). Refs. – Blanchard, 1852: 369 (*Erax*); Walker, 1855: addenda; Philippi, 1865: 692 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas, 1970a: 265, figs. 227, 231, 439 (n. comb.); Martin & Papavero, 1970: 71 (cat.); Artigas, 1971: 32, figs. 77-78; Artigas & Papavero, 1997b: 70. Type, MNHNP.
- spectabilis** Philippi, 1865: 695 (*Asilus*). Type-locality: Chile: Santiago, and Choapa, Illapel. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 264 (cat.; *Asilus*); Stuardo Ortiz, 1946: 85 (cat.; *Asilus*); Hull, 1962 (2): 484, figs. 360, 749, 1438, 1447, 2178, 2204, 2455, 2469. Syntypes, MNHNS.
- albescens** Schiner, 1868: 180 (*Erax*). Type-locality: “Chile”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 233 (cat.; *Erax*); Stuardo Ortiz, 1946: 84 (cat.; *Lochmorhynchus*); Hull, 1962 (2): 478 (*Nerax*). Type, NMW.
- perniger** Schiner, 1868: 180 (*Erax*). Type-locality: unknown. Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Stuardo Ortiz, 1946: 84 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*). Type, NMW.
- wirthi** Artigas, 1970a: 268, figs. 232-235, 421. Type-locality: Chile, Tarapacá, Arica, río Azapa. Distr. – Chile (Antofagasta, Coquimbo, Tarapacá). Refs. – Artigas, 1971: 33, figs. 75-76; Artigas & Papavero, 1997b: 70. Type, DZUC.

Genus *Diplosynopsis* Enderlein, 1914

- Diplosynopsis** Enderlein, 1914a: 259. Type-species, *Diplosynopsis argentifascia* Enderlein, 1914 (orig. des.).
- argentifascia** Enderlein, 1914a: 259, fig. 5. Type-locality: Peru, Junín, Chanchamayo, and Brazil, Pará. Distr. – Peru (Cuzco, Junín), Brazil (Pará). Refs. – Hull, 1962 (2): 479; Lamas M., 1972: 313; Artigas & Papavero, 1997b: 70. Syntypes, IZPAN.
- argentifascia** Bromley, 1946: 114 (cat.), error.
- ?cellata** (Schiner), 1868: 181 (*Erax*). Type-locality: “South America” (Venezuela on ST’s labels). Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 70 (n. comb.). Syntypes, NMW.
- halterata** Enderlein, 1914a: 260. Type-locality: Colombia, Caldas, Victoria (Hacienda Pehlke), 900 m [cf. Papavero, 1973d: 299]. Distr. – Colombia (Caldas). Refs. – Hull, 1962 (2): 479; Artigas & Papavero, 1997b: 70. Type, IZPAN.
- remus** Tomasovic, 2002b: 60, fig. 19. Type-locality: French Guiana, Pointe Combi. Distr. – French Guiana. Type, FUSAGembloux.

Genus *Efferia* Coquillett, 1893

- Efferia** Coquillett, 1893d: 175. Type-species, *Efferia candida* Coquillett, 1893 (sub. des., Coquillett, 1910: 536).
Erax Scopoli of authors (part), misident.
Erax, anomalus-group of Hine, 1919: 119.
Erax, anomala-group of Wilcox, 1966c: 120.
- alia** Scarbrough & Perez-Gelabert, 2009: 8, figs. 1-4. Type-locality: Dominican Republic, Pedernales, 25 km n. of Cabo Rojo. Distr. – Dominican Republic. Type, USNM.
- angusta** Scarbrough & Perez-Gelabert, 2009: 11, figs. 5-8. Type-locality: Dominican Republic, Azua, RD-156 La Furnia, Barreras. Distr. – Dominican Republic. Type, USNM.
- anomala** (Bellardi), 1861: 132 (32), pl. 2, fig. 7 (*Erax*). Type-locality: Mexico, Morelos, Cuautla. Distr. – U. S. A. (Arizona, Kansas to Texas), Mexico. Refs. – Williston, 1885: 69 (*Erax*); Osten Sacken, 1887: 199 (*Erax*); Coquillett, 1893d: 175; Williston, 1894: 137 (*Eichoichemus*), 1901: 323 (*Erax*); Aldrich, 1905: 275 (*Erax*); Kertész, 1909: 244 (cat.; *Eichoichemus*); Hine, 1918: 3 (*Erax*), 1919: 119, figs. 5, 10 (*Erax*); Bromley, 1935c: 4 (*Erax*); Hull, 1962 (2): 475; Martin & Wilcox, 1965: 394 (cat.; n. comb.); Wilcox, 1966c: 126 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- argentifrons** (Hine), 1911b: 308, fig. 35 (*Erax*). Type-locality: U. S. A., Kansas, Clark County. Distr. – U. S. A. (Kansas), Mexico (Coahuila). Refs. – Bromley, 1935c: 4 (*Erax*); Baker, 1939: 169 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 393 (cat.; n. comb.). Type, OSU.
- belfragei** (Hine), 1919: 121, fig. 21 (*Erax*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Texas), Mexico (Coahuila). Refs. – Baker, 1939: 168 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; n. comb.); Wilcox, 1966c: 101.
- bullata** Scarbrough & Perez-Gelabert, 2009: 13, figs. 9-14. Type-locality: Dominican Republic, Pedernales, PN Jaragua, trail to Carlitos, ca. km s. of Highway 44, 106 m. Distr. – Dominican Republic (Barahona, Isla Beata, Pedernales). Type, USNM.
- candida** Coquillett, 1893d: 176. Type-locality: U. S. A., California, Los Angeles Co. Distr. – U. S. A. (California, Arizona, New Mexico, Kansas), Mexico (Coahuila). Refs. – Williston, 1894: 137 (*Eichoichemus*); Aldrich, 1905: 276 (*Erax*); Kertész,

- 1909: 244 (cat.; *Eichoichemus*); Hine, 1919: 119, fig. 11 (*Erax*); Bromley, 1935c: 4 (*Erax*); Baker, 1939: 168 (*Erax*); Hull, 1962 (2): 475; Martin & Wilcox, 1965: 394 (cat.; n. comb.); Martin & Wilcox, 1965: 394 (cat.); Wilcox, 1966c: 130; Artigas & Papavero, 1997b: 71 (n. comb.).
- caymanensis** Scarbrough, 1988a: 151, figs. 1-2. Type-locality: Grand Cayman Island. Distr. – Great Cayman Island. Type, USNM.
- clava** Scarbrough & Perez-Gelabert, 2009: 15, figs. 15-20. Type-locality: Dominican Republic, Azua, RD-065 Monte Rio, 4.5 km w. of Beach. Distr. – Dominican Republic (Azua, Barahona, Independencia, Pedernales, San Juan). Type, USNM.
- davisi** Wilcox, 1966c: 132. Type-locality: U. S. A., Arizona, 12 miles north of Sasabe. Distr. – U. S. A. (Arizona, New Mexico, Nevada), Mexico. Type, CAS.
- exacta** Scarbrough & Perez-Gelabert, 2009: 18, figs. 21-26. Type-locality: Dominican Republic, Santiago, RD-248 entrance to Sabana, Iglesia. Distr. – Dominican Republic (Santiago, Santo Domingo), Haiti (Ouerst department). Type, USNM.
- forbesi** (Curran), 1931a: 10, fig. 3 (*Erax*). Type-locality: Puerto Rico, Coamo Springs. Puerto Rico, British Virgin Islands (Guana island). Refs. – Hull, 1962 (2): 479 (*Nerax*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71; Scarbrough & Perez-Gelabert, 2009: 47, figs. 90, 97-102. Type, AMNH.
- fortis** (Walker), 1855: 623 (*Erax*). Type-locality: Dominican Republic, Santo Domingo. Distr. – Dominican Republic (Azua, Barahona, Independencia, Monte Cristi, Peravia, San Juan, Santiago), Haiti (Ouest department). Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Hull, 1962 (2): 479 (n. comb.; as syn. of *stylatus* Fabricius, 1775); Martin & Papavero, 1970: 65 (cat.; n. comb.); Artigas & Papavero, 1997b: 71 (*Nerax*); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Erax*); Scarbrough & Perez-Gelabert, 2006: 7, 2009: 20, figs. 27-32, 91. Type, BMNH.
- rufitibia** Macquart, 1848: 187 (1848: 27) (*Erax*), part (only his Haiti specimen). Ref. – Hine, 1919: 128, fig. 30 (*Erax*; Bahamas, Cuba); Curran, 1931a: 9 (*Erax*; as syn. of *stylata* (Fabricius)), 1953: 4 (*Erax*); Hull, 1962 (2): 479 (*Nerax*; n. comb.); Martin & Papavero, 1970: 56 (cat.; *Efferia*, n. comb.). Type, OXF.
- flavotibia** Bigot, 1878: 329 (*Phoneus*). Type-locality: “Haiti”. Refs. – Kertész, 1909: 171 (cat.; *Neophoneus*); Hull, 1962 (1): 354 (*Neophoneus*); Martin & Papavero, 1970: 45 (cat.; *Neophoneus*); Scarbrough & Perez-Gelabert, 2006: 20 (n. comb.), 2009: 20 (n. syn.). Type, OXF.
- flavitibialis** Bigot, 1879: xxi (*Phoneus*), emend.
- flavipes** Bigot, 1880: xl (*Phoneus*), error.
- flavitibius** Bigot, 1880: xl (*Phoneus*), emend.
- flavitibia** Aldrich, 1905: 273 (cat.), error.
- fulvibarbis** (Macquart), 1848: 188 (1848: 28), pl. 2, fig. 13 (*Erax*). Type-locality: “Haiti”. Refs. – Walker, 1855: 624 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Hine, 1919: 129, fig. 23 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 65 (cat.; n. comb.); Artigas & Papavero, 1997b: 72 (*Nerax*); Scarbrough & Perez-Gelabert, 2006: 8, 2009: 23, figs. 33-38. Type, lost.
- pachychaeta** Bromley, 1928: 1 (*Erax*). Type-locality: Haiti, La Molinière. Distr. – Haiti. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 66 (cat.; n. comb.); Artigas & Papavero, 1997b: 72 (*Nerax*); Scarbrough & Perez-Gelabert, 2006: 8, 2009: 23 (n. syn.). Type, AMNH.
- haitensis** (Macquart), 1848: 188 (1848: 28) (*Erax*). Type-locality: “Haiti”. Distr. – Dominican Republic (Azua, Peravia), Haiti (Ouest department). Refs. – Walker, 1855: 623 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Curran, 1928b: 23 (*Erax*), 1931a: 9 (*Erax*); Scarbrough & Perez-Gelabert, 2009: 26, figs. 39-44, 94 (revalidation of sp.). Type, OXF.
- imperialis** Forbes, 1988: 556, figs. 1a, 2c. Type-locality: U. S. A., California, Imperial County, Black Mountain, 4.5 miles southeast of Route 78, 390-454m. Distr. – U. S. A. (California, Arizona), Mexico (Sonora). Type, CAS.
- incisura** Scarbrough & Perez-Gelabert, 2009: 29, figs. 46-51. Type-locality: Dominican Republic, Isla Beata, RD-079, trail to Cueva del Tubo, PN. Distr. – Dominican Republic (Isla Beata). Type, USNM.
- montensis** Scarbrough & Perez, 2009: 49, figs. 95, 103-108. Type-locality: Puerto Rico, Utuado. Distr. – Puerto Rico. Type, AMNH.
- nigrimystacea** (Macquart), 1847: 57 (1847: 41) (*Erax*). Type-locality: “Guadeloupe”. Distr. – Guadeloupe, Barbuda, Dominica, St. Lucia, Montserrat, Redonda, St. Vincent. Refs. – Walker, 1855: 633 (*Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Hine, 1919: 130, fig. 31 (*Erax*); Hull, 1962 (2): 475 (*Asilus*); Martin & Papavero, 1970: 70 (cat.; *Eicherax*); Scarbrough & Knutson, 1989: 523, fig. 3 (*Efferia*; n. comb.); Artigas & Papavero, 1997b: 72 (*Nerax*), 2009: 52, figs. 96, 110-115. Type, OXF.
- picea** Scarbrough & Perez-Gelabert, 2009: 31, figs. 52-57. Type-locality: Dominican Republic, La Vega, P. N. Armando Bermúdez, trail La Ciénega de Manabao-Los Tablones. Distr. – Dominican Republic (La Vega). Type, USNM.
- pilosa** (Hine), 1919: 150 (*Erax*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Texas), Mexico (Coahuila). Refs. – Baker, 1939: 168 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 395 (cat.; n. comb.).
- portoricensis** (Hine), 1919: 128, fig. 24 (*Erax*). Type-locality: Puerto Rico, Ensenada. Distr. – Puerto Rico. Refs. – Bromley, 1929a: 290 (*Erax*); Curran, 1931a: 9 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Erax*); Artigas & Papavero, 1997b: 72; Scarbrough & Perez-Gelabert, 2009: 56, figs. 116-121. Type, AMNH.
- serrula** Scarbrough & Perez-Gelabert, 2009: 33, figs. 58-63. Type-locality: Dominican Republic, Santiago, RD-243, Babosico, on way to Jánico. Distr. – Dominican Republic (Independencia, La Altagracia, Monte cristi, San Juan, Santiago). Type, USNM.
- sinuosa** Scarbrough & Perez-Gelabert, 2009: 35, figs. 64-69, 96. Type-locality: Dominican Republic, Peravia, RD-171, El Maizal, near Presa de Valdesia. Distr. – Dominican Republic (Independencia, Peravia, San Juan, Santiago). Type, USNM.
- sp. C** Scarbrough & Perez-Gelabert, 2009: 63, figs. 130-131. Tobago (Canoe Bay rd. scrub forest nr. Hilton Resort), Trinidad

(Arima Valley).

- spinulosa** Scarbrough & Perez-Gelabert, 2009: 38, figs. 70-75. Type-locality: Dominican Republic, Independencia, terrenos Zona Franca. Distr. – Dominican Republic (Barahona, Independencia, Peravia, San Juan). Type, USNM.
- stylata** (Fabricius), 1775: 795 (*Asilus*). Type-locality: “America”. Distr. – U. S. A. (extreme southern Florida), Cuba, Haiti, Puerto Rico, Santo Domingo, Virgin Islands (St. Croix, St. Thomas Islands), Hispaniola. Refs. – Fabricius, 1781: 464 (*Asilus*), 1787: 360 (*Asilus*); Olivier, 1789: 268 (*Asilus*); Gmelin, 1792: 2899 (*Asilus*); Fabricius, 1794: 384 (*Asilus*), 1805: 171 (*Dasyopogon*); Wiedemann, 1821: 198 (*Asilus*), 1828: 462, pl. 6, fig. 6 (*Asilus*); Walker, 1849: 399 (*Asilus*), 1855: 638 (*Erax*); Schiner, 1866: 686 (*Erax*); Wulp, 1882b: 112 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Hine, 1919: 127, fig. 32 (*Erax*); Bromley, 1929a: 291, pl. 1, figs. 1, 4 (*Erax*); Curran, 1931a: 9 (*Erax*); Carrera & d’Andretta, 1950: 174 (*Erax*, misident.); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 68 (cat.; n. comb.); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Erax*); Artigas & Papavero, 1997b: 72 (*Nerax*); Scarbrough & Perez-Gelabert, 2006: 8, 2009: 58, figs. 122-127. Type, KIEL [cf. Zimsen, 1964: 471].
- suspiciosa** Scarbrough & Perez-Gelabert, 2009: 40, figs. 76-81. Type-locality: Dominican Republic, La Vega, P. N. Armando Bermúdez, km 1-3 along trail w. of La Ciénewga, 900-1000 m. Distr. – Dominican Republic (La Vega). Type, USNM.
- texana** (Banks) in Hine, 1919: 151, fig. 43 (*Erax*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Texas), Mexico (Coahuila). Refs. – Bromley, 1935c: 4 (*Erax*); Baker, 1939: 169 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 396 (cat.; n. comb.); Morgan & Shelly, 1988: 419 (body temperature regulation). Type, OSU.
- tricella** (Bromley), 1951: 32 (*Erax*). Type-locality: U. S. A., Arizona, Buckeye. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Sonora). Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 396 (cat.; n. comb.); Wilcox, 1966c: 137. Type, USNM.
- tuberculata** (Coquillett), 1904b: 34 (*Erax*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (California, Texas), Mexico (Coahuila). Refs. – Hine, 1918: 4 (*Erax*); Baker, 1939: 169 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; n. comb.). Type, USNM.
- woodleyi** Scarbrough & Perez-Gelabert, 2009: 42, figs. 82-87. Type-locality: Dominican Republic, Independencia, P. N. Sierra de Bahoruco, Caseta 1 w. of Perto Escondido, 1215 m. Distr. – Dominican Republic (Azua, Independencia, La Altagracia, La Romana, La Vega, San Juan, Santiago, Santo Domingo). Type, USNM.

Genus *Nerax* Hull, 1962

- Nerax*** Hull, 1962 (2): 476. Type-species, *Asilus aestuans* Linnaeus, 1758 (orig. des.).
Erax Scopoli of authors (part), misident.
Efferia Coquillett of authors, misident.
Erax, *aestuans*-group of Hine, 1919: 120.
Efferia, *aestuans*-group of Wilcox, 1966c: 94.

Some of the species listed below may belong to several different genera, other than *Nerax*; only examination of the types will help to clarify this group.

- abdominalis** (Wiedemann), 1821: 432 (*Asilus*). Type-locality: “South America” (Brazil, São Paulo, Ipanema in label of ST). Refs. – Wiedemann, 1828: 432 (*Asilus*); Walker, 1855: 701 (*Asilus*); Schiner, 1866: 683 (*Erax*); Williston, 1891: 84 (cat.; *Erax*); Kertész, 1909: 232 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 62 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71 (n. comb.). Syntypes, NMW.
- affinis** (Bellardi), 1861: 141 (41) (*Erax*). Type-locality: Mexico, Veracruz, Córdoba. Distr. – Mexico (Morelos, Veracruz). Refs. – Aldrich, 1905: 275 (cat.; *Asilus*); Kertész, 1909: 233 (cat.; *Erax*); Hine, 1919: 121, fig. 18 (*Erax*; ?specimens from Colombia); Hull, 1962 (2): 478 (n. comb.); Martin, 1965a: 29 (*Efferia*); Martin & Papavero, 1970: 62 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71; Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- amazonicus** (Bromley), 1934b: 359 (*Erax*). Type-locality: Brazil, Minas Gerais, Curralinho. Distr. – ?Peru, Brazil (Minas Gerais). Refs. – Bromley, 1946: 114 (cat.; *Erax*); Carrera & d’Andretta, 1953: 70; Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 62 (cat.; *Efferia*); ?Lamas M., 1972: 313 (*Efferia*); Artigas & Papavero, 1997: 71. Type, COR.
- apicalis** (Wiedemann), 1821: 191 (*Asilus*). Type-locality: “North America”. Distr. – U. S. A., Mexico. Refs. – Wiedemann, 1828: 443 (*Asilus*); Walker, 1849: 453 (*Asilus*), 1855: 619 (*Erax*); Schiner, 1866: 684 (*Asilus*); Osten Sacken, 1878: 79, 294 (cat.; *Erax*); Comstock, 1879: 291 (*Erax*); Aldrich, 1905: 275 (cat.; *Erax*); Kertész, 1909: 233 (cat.; *Erax*); Hine, 1919: 125, fig. 18 (*Erax*); Fattig, 1945: 24; Bromley, 1950: 237 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Wilcox, 1966c: 98 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997: 71; Alayo Dalmau & Garcia Ávila, 1983: 48 (*Erax*).
- auribarbis** (Wiedemann), 1821: 186 (*Asilus*). Type-locality: Brazil, Bahia [Gomez; cf. Papavero, 1971e: 48]. Distr. – Brazil (Bahia). Refs. – Wiedemann, 1828: 437 (*Asilus*); Walker, 1855: 702 (*Erax*); Schiner, 1866: 683 (*Erax*); Wulp, 1882: 113 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Syntypes, BZM [no.

- 2050; cf. Schumann, 1973: 89], ?SENCK [cf. Geller-Grimm, 1999: 206].
- badiapex** (Bromley), 1928: 4 (*Erax*). Type-locality: Brazil, Mato Grosso, Chapada dos Guinarães. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, AMNH.
- bardyllis** (Walker), 1849: 401 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 637 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, BMNH.
- bilineatus** (Wulp), 1882b: 115 (*Erax*). Type-locality: “Argentina”. Refs. – Lynch Arribálzaga, 1883b: 15 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, ZMA.
- brunnescens** (Bromley), 1929a: 291, fig. 13, pl. 1, figs. 6, 9 (*Erax*). Type-locality: Cuba, Guantánamo. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.; *Erax*); Artigas & Papavero, 1997b: 71. Type, MCZ.
- camposianus** (Curran), 1931b: 23 (*Erax*). Type-locality: Ecuador, Guayas, Guayaquil. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, AMNH.
- caudex** (Walker), 1849: 404 (*Asilus*). Type-locality: “Jamaica”. Refs. – Walker, 1855: 622 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 234 (cat.; *Erax*); Hine, 1919: 127, fig. 32 (as syn. of *stylatus* Fabricius); Hull, 1962 (2): 478 (n. comb.); as syn. of *stylatus* Fabricius); Farr, 1965: 30, fig. 24 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, BMNH.
- invarius* Walker, 1851: 131 (*Asilus*). Type-locality: “Jamaica”. Refs. – Walker, 1855: 623 (*Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Farr, 1965: 30 (*Efferia*; syn.). Type, BMNH.
- cazieri** (Curran), 1953: 5 (*Erax*). Type-locality: Bahama Islands, South Bimini Island. Refs. – Martin, 1957b: 7; Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, AMNH.
- chapadensis** (Bromley), 1928: 3 (*Erax*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*). Type, AMNH.
- cockerellorum** (James), 1953: 50, fig. 3 (*Erax*). Type-locality: Honduras, Morelos, Uroca. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, WASH.
- commiles** (Walker), 1851: 132 (*Erax*). Type-locality: “South America”. Refs. – Walker, 1855: 633 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, BMNH.
- cubensis** (Bromley), 1929a: 292, fig. 14 (*Erax*). Type-locality: Cuba, Soledad. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71; Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.; *Erax*). Type, MCZ.
- eurylabis** (Wiedemann), 1828: 469 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 636 (*Erax*); Schiner, 1866: 687 (*Erax*); Williston, 1891: 90 (cat.; ?*Erax*); Kertész, 1909: 236 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, BZM [no. 2035; cf. Schumann, 1973: 108].
- flavofasciatus** (Wiedemann), 1828: 470 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1849: 400 (*Asilus*; misident.; cf. Martin, 1965a: 29), 1855: 636 (*Erax*); Schiner, 1866: 687 (*Asilus*); Wulp, 1882b: 113 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin, 1965a: 29 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, BZM [no. 2039; cf. Schumann, 1973: 111].
- fuscانىpennis** (Macquart), 1850: 390 (1850: 86) (*Erax*). Type-locality: “Guiana”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, OXF.
- fuscus** (Wiedemann), 1828: 465 (*Erax*). Type-locality: “Brazil” [Olfers; cf. Papavero, 1971e: 80]. Refs. – Macquart, 1838: 112 (*Erax*); Walker, 1849: 398 (*Asilus*), 1855: 637 (*Erax*); Schiner, 1866: 686 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Bromley, 1946: 117 (cat.; *Pachychoeta*); Carrera & d’Andretta, 1950: 175 (*Erax*, misident.); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, BZM [no. 2027; cf. Schumann, 1973: 113].
- gossei** (Farr), 1965: 31, fig. 25 (*Efferia*). Type-locality: Jamaica, St. Thomas, Morant Point. Refs. – Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Holotype, BMNH.
- haloesus** (Walker), 1849: 405 (*Asilus*). Type-locality: “Jamaica”. Refs. – Walker, 1855: 624 (*Erax*); Jonson, 1894: 274 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Hine, 1919: 130, fig. 36 (*Erax*); Johnson, 1919: 436, fig. 36 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Farr, 1965: 28, fig. 23 (*Efferia*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, BMNH.
- jalaeosus* Gowdey, 1926: 77 (*Erax*), error.
- hubbelli** (James), 1953: 51, fig. 4 (*Erax*). Type-locality: Honduras, Morazán, Mt. Calucatepe, 4200-4500 ft. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, MICH.
- imbuda** (Curran), 1934a: 16, fig. 1 (*Erax*). Type-locality: Ecuador, Guayas, Golfo de Guayaquil, Isla Puná, Puerto Grande. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, AMNH.

- labidophorus** (Wiedemann), 1828: 459 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 88-102]. Refs. – Macquart, 1838: 110 (*Erax*); Walker, 1849: 398 (*Erax*), 1855: 637 (*Erax*); Schiner, 1866: 686 (*Erax*); Wulp, 1882b: 113 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Carrera, 1960a: 165 (*Erax*); Carrera & Vulcano, 1961: 74 (*Erax*; prey); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Syntypes, BZM [no. 2029; cf. Schumann, 1973: 122].
labidiphorus Tomasovic, 2002b: 55, fig. 8 (*Efferia*), error.
- lades** (Walker), 1849: 403 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 632 (*Erax*); Schiner, 1866: 394 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, lost.
- lascivus** (Wiedemann), 1828: 474 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1849: 400 (*Asilus*), 1855: 637 (*Erax*); Schiner, 1866: 687 (*Erax*), 1867: 394 (*Erax*); Osten Sacken, 1878: 80, 124 (cat.; *Erax*); Williston, 1891: 86 (cat.; *Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Syntypes, NMW, BZM [no. 2038; cf. Schumann, 1973: 124].
amarynceus Walker, 1849: 400 (*Asilus*). Type-locality: unknown. Ref. – Martin, 1965a: 28 (*Efferia*); Martin & Papavero, 1970: 62 (cat.; *Efferia*). Type, BMNH.
- loewii** (Bellardi), 1862: 218 (21), pl. 3, fig. 17 (*Erax*). Type-locality: Mexico, Veracruz: Tuxpango near Orizaba. Distr. – Mexico (Chiapas, Morelos, Veracruz), Guatemala. Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Hine, 1919: 125, fig. 20 (*Erax*; ?specimens from Colombia); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, TORO.
dolichogaster Williston, 1901: 326, pl. 6, fig. 6 (*Erax*). Type-locality: Mexico: Veracruz, Atoyac; Tabasco, Teapa. Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH.
lowei Papavero & Ibáñez Bernal, 2001: 110 (hist. Mexican dipterol), error.
- medianus** (Wiedemann), 1828: 473 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 636 (*Erax*); Schiner, 1866: 687 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 239 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, BZM [no. 2037; cf. Schumann, 1973: 131].
- mexicanus** (Hine), 1919: 123, fig. 27 (*Erax*). Type-locality: Mexico, Chiapas, Tapachula. Distr. – Mexico (Chiapas). Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, OSU.
- nigrinus** (Wiedemann), 1821: 197 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 59-80, 99-102]. Refs. – Wiedemann, 1828: 462 (*Asilus*); Walker, 1855: 635 (*Erax*); Schiner, 1866: 686 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Syntypes, NMW [no. 2030; cf. Schumann, 1973: 137].
- nigripes** (Macquart), 1850: 389 (1850: 85), pl. 8, fig. 6 (*Erax*). Type-locality: “Bolivia”. Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, MNHNP.
- nigritarsis** (Hine), 1919: 129, fig. 29 (*Erax*). Type-locality: Cuba, Holguín. Refs. – Bromley, 1929a: 290 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72; Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.; *Erax*). Type, OSU.
- obscurus** (Macquart), 1838: 112 (1839: 228) (*Erax*). Type-locality: “Brazil”. Distr. – ?Peru, Brazil (Acre), Bolivia. Refs. – Walker, 1849: 401 (*Asilus*), 1855: 633 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Carrera, 1945a: 162 (*Erax*) (preys); Bromley, 1946: 115 (cat.; *Erax*); Carrera & d’Andretta, 1952: 259 (*Erax*; preys); Carrera, 1959: 6 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); ?Lamas M., 1972: 313 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, lost.
- parvus** (Walker), 1855: 639 (*Asilus*). Type-locality: Brazil, Pará, Santarém. Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Syntypes, BMNH.
- pictipennis** (Schiner), 1868: 182 (*Erax*). Type-locality: “South America” (Venezuela). Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, NMW.
- pilosulus** (Bromley), 1929a: 292, fig. 11 (*Erax*). Type-locality: Cuba, Sierra Maestra. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.; *Erax*); Artigas & Papavero, 1997b: 72. Type, USNM.
- poecilolamprus** (James), 1953: 48, fig. 2 (*Erax*). Type-locality: Honduras, Tela. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, MICH.
- pyrrhognus** (Wiedemann), 1828: 472 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Refs. – Walker, 1855: 636 (*Erax*); Schiner, 1866: 687 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Syntypes, NMW, BZM [no. 2036; cf. Schumann, 1973: 149].
- rufipes** (Macquart), 1838: 112 (1839: 228) (*Erax*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Refs. – Walker, 1855:

- 634 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, MNHNP.
- rufithorax** (Macquart), 1846: 210 (1846: 82) (*Erax*). Type-locality: “Brazil”. Refs. – Walker, 1855: 634 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, OXF (abdomen missing).
- rufitibia** (Macquart), 1848: 187 (1848: 27), pl. 2, fig. 11 (*Erax*), part. Type-locality: “Rio Negro” [his Haiti specimen is a synonym of *fortis* Walker, 1855; cf. Curran, 1933: 4]. Refs. – Walker, 1855: 623 (*Erax*); Roeder, 1885: 339 (*Erax*); Williston, 1891: 87 (cat.; *Erax*), 1896a: 305, pl. 10, fig. 79 (*Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Bromley, 1929a: 292, pl. 1, fig. 18 (*Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 65 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, MNHNP.
- stigmatosus** (Carrera & d’Andretta), 1950: 172 (*Erax*). Type-locality: Mexico, Veracruz, Orizaba. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, CMNH.
- subappendiculatus** (Macquart), 1838: 114 (1839: 28) (*Erax*). Type-locality: “Brazil”. Refs. – Walker, 1855: 633 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Artigas & Papavero, 1997b: 72; Tomasovic, 2002b: 57, fig. 14 (*Efferia*). Type, MNHNP.
- subchalybeus** (Bromley), 1928: 2 (*Erax*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, AMNH.
- tibialis** (Macquart), 1838: 234 (*Erax*). Type-locality: U. S. A., Pennsylvania, Philadelphia; French Guiana, Cayenne; and San Domingo. Ref. – Martin, 1965a: 29 (*Efferia*); Macquart’s specimen from Philadelphia misident.). **N. comb.**
- titan** (Bromley), 1934b: 359 (*Erax*). Type-locality: Guyana, Bartica. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, AMNH.
- tortola** (Curran), 1928b: 23 (*Erax*). Type-locality: Virgin Islands, Tortola. Refs. – Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, AMNH.
- vauriei** (Curran), 1953: 4 (*Erax*). Type-locality: Bahama Islands, South Bimini Island. Refs. – Martin, 1957b: 7; Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, AMNH.
- velox** (Wiedemann), 1828: 468 (*Asilus*). Type-locality: Brazil, Pernambuco. Refs. – Walker, 1855: 638 (*Erax*); Schiner, 1866: 687 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (n. comb.); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1997b: 72. Type, ?

Genus *Pogonioefferia* Artigas & Papavero, 1997

- Pogonioefferia** Artigas & Papavero, 1997b: 73. Type-species, *Asilus pogonias* Wiedemann, 1821 (orig. des.).
Efferia, pogonias-group of Wilcox, 1966c: 163 (*rufibarbis*-group, *caudata*-group) and *staminea*-group of Wilcox, 1966c: 177.
- cana** (Hine), 1916: 22 (*Erax*). Type-locality: U. S. A., California, Claremont. Distr. – U. S. A. (California, Arizona, Nevada, Utah, Colorado), Mexico. Refs. – Hine, 1919: 145, fig. 38 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 196 (*Efferia*). Type, OSU.
canus Hine, 1919: 145 (*Erax*). Type-locality: U. S. A., California, Los Angeles County. Type, USNM.
- cannella** (Bromley), 1934a: 95 (*Erax*). Type-locality: U. S. A., Arizona, Sierritas, Black Dike Prospect. Distr. – U. S. A. (Arizona), Mexico. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 197 (*Efferia*). Type, AMNH.
- coquilletii** (Hine), 1919: 149, fig. 14 (*Erax*). Type-locality: U. S. A., California, San Diego County. Distr. – U. S. A. (California, Arizona, Nevada), Mexico. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 198 (*Efferia*). Type, USNM.
- deserti** (Wilcox), 1966c: 199, figs. 186-187 (*Efferia*). Type-locality: U. S. A., California, 10 miles east of Desert Center. Distr. – U. S. A. (California, Arizona, Nevada), Mexico. Type, JW.
- ehrenbergi** (Wilcox), 1966c: 203, figs. 179, 181 (*Efferia*). Type-locality: U. S. A., Arizona, 35 miles east of Ehrenberg. Distr. – U. S. A. (California, Arizona), Mexico. Type, JW.
- inflata** (Hine), 1911b: 310 (*Erax*). Type-locality: U. S. A., California, Los Angeles County. Distr. – U. S. A. (California), Mexico. Refs. – Hine, 1919: 146 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 204 (*Efferia*). Type, OSU.
- parkeri** (Wilcox), 1966c: 213 (*Efferia*). Type-locality: U. S. A., Arizona, 8 miles north of Tucson. Distr. – U. S. A. (Arizona, Texas), Mexico. Type, CAS.
- pogonias** (Wiedemann), 1821: 198 (*Asilus*; *nom. nov.* for *barbatus* Fabricius, 1805, when preocc. in *Asilus*). Type-locality: “North America”. Distr. – Southern U. S. A. east of Rocky Mts., Mexico, West Indies. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin, 1962b: 248 (descr. of type); Martin & Wilcox, 1965: 395 (cat.; *Efferia*); Wilcox, 1966c: 175, figs. 118, 125 (*Efferia*). Type, COPN.

Papavero

- barbatus* Fabricius, 1805: 169 (*Dasypogon*; preocc. Fabricius, 1787). Type-locality: "North America". Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin, 1962b: 248 (descr. of type). Type, KIEL [cf. Zimsen, 1964: 470].
- rufibarbis* Macquart, 1838: 116 (1839: 232) (*Erax*). Type-locality: "North America". Refs. – Hine, 1919: 137 (*Erax*); Fattig, 1945: 26; Bromley, 1950: 237 (*Erax*).
- dascyllus* Walker, 1849: 401 (*Asilus*). Type-locality: U. S. A., Massachusetts.
- virginianus* Wulp, 1882: 109 (*Proctacanthus*). Type-locality: U. S. A., Virginia. Type, ZMA.
- rava* Coquillett, 1893d: 176 (*Efferia*). Type-locality: U. S. A., Texas. Type, ?USNNM.
- aeastuans* authors, not Linnaeus.
- rapax** (Osten Sacken), 1887: 201 (*Erax*). Type-locality: Mexico, northern Sonora. Distr. – U. S. A. (Arizona, New Mexico, Utah, Texas, Colorado, Kansas), Mexico (Sonora). Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Hine, 1911b: 307 (*Erax*), 1919: 142; Hull, 1962 (2): 478 (*Nerax*); Martin & Wilcox, 1965: 394 (cat.; *Efferia*); Wilcox, 1966c: 216 (*Efferia*); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- splendens** (Williston), 1901: 325, pl. 6, fig. 5 (*Erax*). Type-locality: Mexico, Jalisco, San Blás. Distr. – Mexico (Jalisco). Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Hine, 1919: 243 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- triton** (Osten Sacken), 1887: 200 (*Erax*). Type-locality: Mexico, Sinaloa, Presidio, near Mazatlán. Distr. – U. S. A. (Arizona, New Mexico, Kansas, Texas), Mexico (Nayarit, Sinaloa), Honduras. Refs. – Aldrich, 1905: 278 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Hine, 1919: 151 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Lavigne & Dennis, 1985: 146 (ethology); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- yuma** (Wilcox), 1966c: 224 (*Efferia*). Type-locality: U. S. A., Arizona, 16 miles east of Yuma. Distr. – U. S. A. (Arizona, California), Mexico. Type, JW.

Genus *Porasilus* Curran, 1934

Porasilus Curran, 1934a: 15. Type-species, *Porasilus barbiellinii* Curran, 1934 (orig. des.).

Ref. – Lamas M., 1971b (rev.).

- barbiellinii** Curran, 1934a: 15. Type-locality: Brazil, São Paulo. Distr. – Brazil (Minas Gerais, São Paulo). Refs. – Carrera, 1945a: 164 (preys); Bromley, 1946: 114 (cat.); Carrera, 1947d: 271 (prey); Hull, 1962 (2): 472, figs. 314, 709, 1386, 1397, 2477, 2487; Lamas M., 1971b: 46, figs. 1-3; Artigas & Papavero, 1997b: 73; Bueno, 1986: 17 (coupling, oviposition, preys), 1987: 903 (biol.; predator of *Deois flavopicta* (Stål, 1854) (Hemiptera, Homoptera, Cercopidae)); Bueno & Berti Filho, 1987: 141 (biol.; predator of *Deois flavopicta* (Stål, 1854) (Hemiptera, Homoptera, Cercopidae)). Type, AMNH.
- cerdai** Tomasovic, 2002b: 61, fig. 20. Type-locality: French Guiana, Petit Saut, Pointe Combi. Type, FUSAGembloux.
- garciai** Lamas M., 1971b: 51, figs. 10-12. Type-locality: Peru, Lima, Lima. Distr. – Peru (Lima, Junín). Refs. – Lamas M., 1972: 313 (cat.); Artigas & Papavero, 1997b: 73. Type, MZUSP.
- intermedius** Lamas M., 1971b: 53, figs. 13-16. Type-locality: Brazil, Amazonas, Manaus. Distr. – Brazil (Amazonas, Pará). Ref. – Artigas & Papavero, 1997b: 73. Type, MZUSP.
- lesbius** Lamas M., 1971b: 49, figs. 7-9. Type-locality: Brazil, São Paulo, São Bernardo do Campo. Distr. – Brazil (Minas Gerais, São Paulo). Ref. – Artigas & Papavero, 1997b: 73. Type, MZUSP.
- satyrus** Lamas M., 1971b: 46, figs. 4-6. Type-locality: Brazil, Acre, Forte Príncipe da Beira. Distr. – Brazil (Acre, Mato Grosso do Sul, Goiás). Ref. – Artigas & Papavero, 1997: 73. Type, MZUSP.
- senilis** (Wiedemann), 1828: 471 (*Asilus*). Type-locality: Uruguay, Montevideo. Refs. – Walker, 1849: 400 (*Asilus*), 1855: 639 (*Erax*); Schiner, 1866: 687 (*Erax*); Lynch Arribálzaga, 1880: 113 (*Erax*); Wulp, 1882: 115 (*Erax*); Lynch Arribálzaga, 1883a: 149 (cat.; *Erax*), 1883b: 14 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Llano, 1959: 90 (*Erax*; biol.); Carrera & Vulcano, 1961: 75 (*Erax*; prey); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 73 (n. comb.). Syntypes, NMW.

Genus *Triorla* Parks, 1968

Triorla Parks, 1968: 175. Type-species, *Asilus interruptus* Macquart, 1834 (orig. des.).

Ref. – Pamplona & Aires, 1999 (rev.).

- ambigua** (Macquart), 1846: 212 (1846: 84) (*Erax*). Type-locality: U. S. A., Texas, Galveston; Mexico, Yucatán, Mérida. Lectotype MNHNP. Refs. – Walker, 1855: 620 (*Erax*); Osten Sacken, 1878: 234 (cat.; *Erax*); Hull, 1962 (2): 478

- (*Nerax*); Tomasovic, 2002b: 53, fig. 2 (Lectotype des., but does indicate which of the two specimens at LILLE!).
- argyrogaster** (Macquart), 1846: 212 (1846: 84) (*Erax*). Type-locality: Mexico, Yucatán, Mérida. Distr. – Mexico (Oaxaca, Yucatán), Honduras. Refs. – Walker, 1855: 620 (*Erax*); Osten Sacken, 1878: 224 (cat.; *Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Hine, 1919: 152 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Lavigne, 1979: 544 (*Efferia*; ethology); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.; *Efferia*); Tomasovic, 2002: 55 (n. comb.). Lectotype LILLE [des. by Tomasovic, 2002b: 54].
- argirogaster* Tomasovic, 2002b: 54, fig. 3, error.
- demifasciata** (Macquart), 1850: 390 (1850: 86) (*Erax*). Type-locality: “Guyana”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71 (*Nerax*); Tomasovic, 2002: 55, fig. 6 (n. comb.). Lectotype LILLE.
- interrupta** (Macquart), 1834: 310 (*Asilus*). Type-locality: U. S. A., Georgia. Distr. – U. S. A., Mexico, Guatemala, Honduras, Nicaragua, Costa Rica, Panama, Colombia. Type, lost. Refs. – Malloch, 1917 (pupal case of a male); Hine, 1918: 5 (*Erax*); Hine, 1919: 153 (*Erax*); Osterberger, 1930 (pupa); Fattig, 1945: 25 (*Erax*); Bromley, 1950: 237 (*Erax*); Carrera & d’Andretta, 1950: 171 (*Erax*); Martin, 1961b: 1 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin, 1965a: 28 (*Erax*), 1965b: 126, 128 (*Erax*); Martin & Wilcox, 1965: 394 (cat.; *Erax*); Wilcox, 1966c: 205, 206 (*Erax*); Parks, 1968: 176, figs. 4, 7, 12, 13 (n. comb.); Dennis & Knutson, 1988: 854, figs. 2A-C (pupa in ventral, lateral and dorsal views); Artigas & Papavero, 1997b: 73.
- maculatus* Macquart, 1838: 111 (1839: 227), pl. 9, figs. 6a-b (*Erax*), part. Type-locality: Guiana, Colombia and Guadeloupe. Lectotype-locality: “Colombia”. Refs. – Rondani, 1848: 95 (*Erax*); Walker, 1855: 635 (*Erax*); Schiner, 1867: 393 (*Erax*); Osten Sacken, 1878: 234 (cat.; *Erax*), 1887: 200 (*Erax*); Williston, 1891: 86 (cat.; *Erax*), 1901: 323 (*Erax*); Brauer & Bischof, 1903: 244; Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 239 (cat.; *Erax*); Davis, 1919 (*Erax*; pupa); Brown, 1929: 310, pl. 30, figs. 38-39 (*Erax*); Martin, 1965b: 128 (*Efferia*); Tomasovic, 2002b: 55, fig. 9 (Lectotype des.). Lectotype, LILLE.
- lateralis* Macquart, 1838: 116 (1839: 232) (*Erax*). Type-locality: U. S. A., Pennsylvania, Philadelphia. Refs. – Walker, 1855: 617 (*Erax*); Williston, 1885: 70 (*Erax*); Titus & Pratt, 1905: 15, figs. 6a-c (*Erax*).
- concolor* Walker, 1851: 130 (*Erax*). Type-locality: unknown. Refs. – Walker, 1855: 646 (*Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 479 (*Nerax*). Type, BMNH.
- perrumpens* Walker, 1860: 283 (*Asilus*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 283 (cat.; *Asilus*); Kertész, 1909: 262 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*). Type, BMNH.
- villosus* Bellardi, 1861: 149 (49) (*Erax*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 278 (cat.; *Neoeristicus*); Hull, 1962 (2): 475 (*Eicherax*); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.
- perrumpeus* Parks, 1968: 176; Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.), error.
- nervosa** (Macquart), 1838: 118 (*Erax*). Type-locality: unknown. Refs. – Walker, 1855: 646 (*Erax*); Kertész, 1909: 240 (cat.; *Erax*); Tomasovic, 2002: 56, fig. 10. Type, MNHNP.
- parastriola** Pamplona & Aires, 1999: 1128, figs. 1-2, 7-8, 11, 14. Type-locality: Brazil, Roraima, Surumu. Distr. – Brazil (Roraima). Type, MZUSP.
- rubidiventris** (Macquart), 1850: 388 (1850: 84) (*Erax*). Type-locality: “Brazil. M. Ghisbrecht” (in error; Mexico; cf. Papavero, 1971e: 176-178). Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90; Tomasovic, 2002b: 56, fig. 12. Lectotype MNHNP.
- spinosa** Tomasovic, 2002b: 58, fig. 17. Type-locality: “Colombia”. Type, LILLE.
- striola** (Fabricius), 1805: 172 (*Dasympogon*). Type-locality: “South America”. Distr. – Panama, Colombia, Venezuela, Guyana and Surinam south to Paraguay. Refs. – Wiedemann, 1821: 199 (*Asilus*), 1828: 464 (*Asilus*); Walker, 1849: 432 (*Asilus*), 1855: 635 (*Erax*); Burmeister, 1861: 171 (*Asilus* (*Eristicus*)); Schiner, 1866: 686 (*Erax*), 1867: 392 (*Erax*); Lynch Arribalzaga, 1880: 117 (*Erax*), 1883a: 113 (cat.; *Erax*), 1883b: 16 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 243 (cat.; *Erax*); Engel, 1930: 461 (*Erax*); Carrera, 1945a: 164 (*Erax*) (preys); Bromley, 1946: 115 (cat.; *Erax*); Carrera, 1947a: 47 (*Erax*); Carrera & d’Andretta, 1952: 258 (*Erax*) (prey); Carrera, 1959: 6 (*Erax*), 1960a: 165 (*Erax*); Carrera & Vulcano, 1961: 75 (*Erax*; preys); Martin, 1961b: 1 (*Efferia*); Hull, 1962 (2): 479 (*Nerax*); Carrera & Machado-Allison, 1963: 254 (*Eicherax*); Parks, 1968: 177, figs. 2, 8, 9 (n. comb.); Dennis & Knutson, 1988: 854, figs. 2A-C (pupa in ventral, lateral and dorsal views); Artigas & Papavero, 1997b: 90; Geller-Grimm, 1999: 215 (material in SENCK). Syntypes, COPN [cf. Zimsen, 1964: 471].
- maculatus* Macquart, 1838: 116 (1839: 232), pl. 9, figs. 6a-b (*Erax*), part. Type-locality: Guiana, Colombia and Guadeloupe. Syntypes, (males only) MNHNP.
- sicyon* Walker, 1849: 399 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 640 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90 (syn.). Type, BMNH.
- stimicon* Walker, 1851: 129 (*Erax*). Type-locality: “Colombia”. Refs. – Walker, 1855: 640 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90 (syn.). Type, BMNH.
- dilectus* Walker, 1855: 632 (*Erax*). Type-locality: Brazil, Pará, Santarém. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90 (syn.). Syntypes, BMNH.
- zetterstedti* Jaenicke, 1867: 362 (*Erax*). Type-locality: “Venezuela”. Refs. – Williston, 1891: 87 (cat.; *Erax*); Kertész,

1909: 244 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90 (syn.). Type, SENCK [cf. Geller-Grimm, 1999: 215; eaten by dermestids, antennae and abdomen missing, eyes eaten away].

currani Bromley, 1951: 27, fig. 4 (*Erax*). Type-locality: Panama, Canal Zone, Corozal. Refs. – Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 90 (syn.). Type, AMNH.

?*trichina* Tomasovic, 2002b: 59, fig. 18. Type-locality: French Guiana, Kourou. Type, FUSAGembloux.

Eicherax-group

Genus *Eicherax* Bigot, 1857

Eristicus Loew, 1848: 396 (preocc. Wesmael, 1844). Type-species, *Erax nigripes* Bellardi, 1861 (sub. des., Hull, 1962: 476) = *Eicherax bellardii* (Schiner, 1868).

Eicherax Bigot, 1857b: 548 (in key). Type-species, *Erax simplex* Macquart, 1848 (orig. des.).

Neoeristicus Osten Sacken, 1878: 81 (cat.; *nom. nov.* for *Eristicus* Loew, 1848). Type-species, *Erax nigripes* Bellardi, 1861 (aut.) = *Eicherax bellardii* (Schiner, 1868).

bellardii (Schiner), 1868: 182 (*Eristicus*; *nom. nov.* for *nigripes* Bellardi, 1861). Type-locality: “Mexico”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 232 (cat.; *Neoeristicus*); Martin & Papavero, 1970: 70 (cat.; as syn. of *nigripes* Bellardi, 1861); Artigas & Papavero, 1995e: 37.

nigripes Bellardi, 1861: 148 (*Erax*; preocc. Macquart, 1850). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 278 (cat.; *Neoeristicus*); Kertész, 1909: 232 (cat.; *Neoeristicus*); Hine, 1917: 298; Bromley, 1946: 115 (cat.); James, 1953: 47; Hull, 1962 (2): 475, figs. 322, 742, 1419, 1428, 2252; Martin, 1965a: 30; Martin & Papavero, 1970: 70 (cat.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, ?OXF (Coll. Bigot).

disjunctus Williston, 1901: 326 (*Erax*). Type-locality: Mexico, Veracruz, Atoyac. Refs. – Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.

costatus (Schiner), 1868: 181 (*Erax*). Type-locality: “Venezuela”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 70 (cat.); Artigas & Papavero, 1995e: 37. Syntypes, NMW.

culiciformis (Walker), 1855: 632 (*Asilus*). Type-locality: Brazil, Pará, rio Tapajós. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 70 (cat.); Artigas & Papavero, 1995e: 37. Type, BMNH.

fulvithorax (Macquart), 1838: 113 (1839: 229) (*Erax*). Type-locality: Brazil, Pará, Belém, and French Guiana. Distr. – Colombia, French Guiana, Peru (Cuzco, Huánuco, Junín), Brazil (Pará). Refs. – Rondani, 1848: 96 (*Erax*); Walker, 1855: 631 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Carrera & Machado-Allison, 1963: 255 (n. comb.); Martin & Papavero, 1970: 70 (cat.); Lamas M., 1972: 313; Artigas & Papavero, 1995e: 37. Syntypes, MNHNP.

parphorus Walker, 1851: 127 (*Erax*). Type-locality: “Colombia”. Refs. – Walker, 1855: 632 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Carrera & d’Andretta, 1953: 70 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 73. Type, BMNH (apex of abdomen eaten away; first submarginal cell very narrowly open).

macularis (Wiedemann), 1821: 193 (*Asilus*). Type-locality: “Brazil (Bescke)” [probably Rio de Janeiro, Nova Friburgo; cf. Papavero, 1971e: 88]. Distr. – Peru, Brazil (Bahia, Mato Grosso and Rio de Janeiro), Paraguay. Refs. – Wiedemann, 1828: 447 (*Asilus*); Macquart, 1838: 147, pl. 12, fig. 5 (*Asilus*); Walker, 1855: 705 (*Asilus*); Schiner, 1866: 684 (*Erax*), 1868: 180 (*Erax*); Wulp, 1882b: 112 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 239 (cat.; *Erax*); Carrera, 1945a: 164 (*Erax*) (preys); Bromley, 1946: 115 (cat.); Carrera, 1947a: 46, 1947d: 271 (prey); Carrera & d’Andretta, 1952: 258 (preys); Carrera, 1958a: 152, 1960a: 165; Carrera & Vulcano, 1961: 75 (preys); Hull, 1962 (2): 475, fig. 275, 697, 2384, 2401; Fisher, 1985: 34; Artigas & Papavero, 1995e: 37; Geller-Grimm, 1999: 211 (material in SENCK). Syntypes, NMW (some other species mixed up with the syntypic series).

eupator Walker, 1851: 147 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 703 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 256 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 475; Martin & Papavero, 1970: 70 (cat.); Artigas & Papavero, 1995e: 37 (syn.). Type, BMNH.

minor (Macquart), 1847: 57 (1847: 41), pl. 1, fig. 8 (*Erax*). Type-locality: “Brazil”. Refs. – Walker, 1855: 635 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995e: 37 (n. comb.). Type, MNHNP.

ricnotes (Engel), 1930: 461, fig. 4 (*Neoeristicus*). Type-locality: Argentina, Formosa, Estancia Tapikiolé; and Bolivia, La Paz, Mapiiri, Sarampiuni, 700 m. Distr. – ?Peru (Huánuco), Bolivia, Argentina (Formosa). Refs. – Bromley, 1946: 115 (cat.); Carrera & d’Andretta, 1953: 74; Hull, 1962 (2): 475; Martin & Papavero, 1970: 70 (cat.); Rinaldi, Pailhé & Popolizio, 1971: 451; ?Lamas M., 1972: 313 (cat.); Artigas & Papavero, 1995e: 37, figs. 11-20. Syntypes, ZSBS.

simplex (Macquart), 1848: 187 (1848: 27), pl. 2, fig. 14 (*Erax*). Type-locality: “Rio Negro”. Distr. – Venezuela (Zulia). Refs. – Walker, 1855: 638 (*Erax*); Bigot, 1857b: 545; Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 244 (cat.); Bromley, 1946: 115 (cat.); Hull, 1962 (2): 475, figs. 73, 1627, 1628; Carrera & Machado-Allison, 1963: 154; Martin & Papavero, 1970: 70 (cat.); Artigas & Papavero, 1995e: 37. Type, ?

Genus *Eraxasilus* Carrera, 1959

Eraxasilus Carrera, 1959: 6. Type-species, *Eraxasilus pruinosus* Carrera, 1959 (orig. des.).

acuminatus Carrera, 1959: 9, fig. 5. Type-locality: Paraguay. Nueva Germania, río Aguaray-Guazú. Distr. – Paraguay. Ref. – Artigas & Papavero, 1995e: 37. Type, ZSBS.

amphissa (Walker), 1849: 406 (*Erax*). Type-locality: “Brazil”. Refs. – Walker, 1855: 633 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 233 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995e: 37 (n. comb.). Type, BMNH.

fuscipennis (Macquart), 1847: 56 (1856: 40) (*Erax*). Type-locality: “Brazil”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995e: 37. Type, OXF (tip of abdomen missing).

gerion (Walker), 1849: 433 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 701 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 256 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995e: 37 (n. comb.). Type, BMNH.

hebes (Walker), 1855: 704 (*Asilus*). Type-locality: Brazil, Pará, Santarém. Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995e: 37 (n. comb.). Syntypes, BMNH.

longiusculus (Walker), 1855: 706 (*Asilus*). Type-locality: Brazil, Pará, Santarém. Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 259 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995e: 37. Type, BMNH (tip of abdomen missing).

luctuosus (Macquart), 1838: 146 (1848: 262) (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 701 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 259 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Carrera & d’Andretta, 1952: 258 (*Asilus*; preys), 1961: 77 (*Asilus*; preys); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995: 37e, figs. 1-10. Syntypes, MNHNP.

?tibialis Rondani, 1850: 187 (*Asilus*; preocc. Pallas in Wiedemann, 1818). Type-locality: Brazil, São Paulo, ilha de São Sebastião. Ref. – Hull, 1962 (2): 546 (*Asilus*). Type, TORO.

peticus (Walker), 1849: 434 (*Asilus*). Type-locality: “Brazil”. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 262 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995e: 37 (n. comb.). Type, BMNH.

potamon (Walker), 1851: 128 (*Erax*). Type-locality: “South America”. Refs. – Walker, 1855: 633 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Carrera, 1959: 10, fig. 6 (n. comb.); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995e: 37. Type, BMNH.

pruinus Carrera, 1959: 7, figs. 2-4. Type-locality: Brazil, São Paulo, Onda Verde (Fazenda São João). Distr. – Brazil (Goiás, São Paulo). Refs. – Carrera & Vulcano, 1961: 77 (preys); Hull, 1962 (2): 508; Artigas & Papavero, 1995e: 37. Type, MZUSP.

Eichoichemus-group

Genus *Eichoichemus* Bigot, 1857

Eichoichemus Bigot, 1857b: 543 (in key). Type-species, *Erax flavianalis* Macquart, 1848 (orig. des.).

Proctophorus Schiner, 1866: 66 (key), 674 (diagnosis), 712 (in list of spp.). Type-locality: *Asilus pygophorus* Wiedemann, 1828 (orig. des.).

connexus (Wiedemann), 1828: 497 (*Asilus*). Type-locality: Uruguay. Montevideo. Refs. – Walker, 1855: 592 (*Trupanea*); Schiner, 1866: 689 (*Proctophorus*); Lynch Arribálzaga, 1880: 120 (*Proctophorus*), 1883a: 150 (cat.; *Proctophorus*); Williston, 1891: 84 (cat.; *Proctophorus*); Kertész, 1909: 230 (cat.; *Proctophorus*); Bromley, 1946: 114 (cat.); Hull, 1962 (2): 460; Martin & Papavero, 1970: 60 (cat.); Artigas & Papavero, 1995a: 98. Syntypes, NMW.

eraxoides (Curran), 1935: 10 (in key), 11 (*Promachina*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Bromley, 1946: 114 (cat.); Hull, 1962 (2): 467 (*Promachina*); Martin & Papavero, 1970: 64 (cat.; *Efferia*); Artigas &

- Papavero, 1995a: 98 (n. comb.). Type, AMNH.
- flavianalis** (Macquart), 1848: 186 (1848: 26), pl. 2, figs. 12, 12a (not 13 as in text, p. 186; see “Explanation des figures”, p. 230) (*Erax*). Type-locality: Brazil, Minas Gerais. Refs. – Walker, 1855: 636 (*Erax*); Bigot, 1857b: 543; Williston, 1891: 85 (cat.; *Erax*), 1894: 137; Kertész, 1909: 245 (cat.); Bromley, 1946: 114 (cat.); Hull, 1962 (2): 460; Martin & Papavero, 1970: 60 (cat.); Artigas & Papavero, 1995a: 99. Type, OXF.
- gavius** (Walker), 1851: 151 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 703 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 256 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*); Artigas & Papavero, 1995a: 99. Type, BMNH (?syn. of *pyrrhomysyntax* Wiedemann, 1828; the TP is a female and therefore this species cannot be correctly identified).
- kalettai** Ayala, 1978: 34, pl. 1, figs. 4-7. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Ref. – Artigas & Papavero, 1995a: 99. Holotype, FAUCV.
- lizbethae** Ayala, 1978: 32, pl. 1, figs. 1-3. Type-locality: Venezuela, Distrito Federal, Macuto, río Cojo. Ref. – Artigas & Papavero, 1995a: 99. Type, FAUCV.
- lycorius** (Walker), 1851: 143 (*Asilus*). Type-locality: “South America”. Refs. – Walker, 1855: 703 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 259 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*); Artigas & Papavero, 1995a: 99. Type, BMNH. (As occur with *gavius* Walker, 1851, this species may be a syn. of *pyrrhomysyntax* Wiedemann, 1828, but as the TP is a female, we cannot be sure of this synonymy).
- melaleucus** (Wiedemann), 1828: 498 (*Asilus*). Type-locality: “Brazil”. Refs. – Schiner, 1866: 690 (*Proctophorus*); Williston, 1891: 84 (cat.; *Proctophorus*); Bromley, 1946: 114 (cat.; [*Eichoichemus* (*Proctophorus*)]); Carrera, 1947d: 270 (prey); Hull, 1962 (2): 460; Martin & Papavero, 1970: 60 (cat.); Artigas & Papavero, 1995a: 99. Syntypes, NMW, BZM [no. 731; cf. Schumann, 1973: 131].
- neowillistoni** (Bromley), 1933: 15 (*Erax*; *nom. nov.* for *willistoni* Bromley, 1928). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Curran, 1935: 10 (in key); Bromley, 1946: 114 (cat.); Hull, 1962 (2): 475 (*Efferia*); Martin & Papavero, 1970: 66 (cat.; *Efferia*); Artigas & Papavero, 1995a: 99, figs. 1-8.
willistoni Bromley, 1928: 2 (*Erax*; *preocc.* Hine, 1919). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Type, AMNH.
- propinquus** (Bromley), 1928: 5 (*Erax*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Bromley, 1946: 114 (cat.); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1995a: 99 (n. comb.). Type, AMNH.
- pumilus** (Macquart), 1850: 389 (1850: 85), pl. 8, fig. 9 (*Erax*). Type-locality: “South America”. Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Carrera & d’Andretta, 1953: 74 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 67 (cat.; *Efferia*); Artigas & Papavero, 1995a: 99. Type, MNHNP (tip of abdomen missing; the poor drawing of the male terminalia makes it difficult to identify this species with certainty).
- pyrrhomystax** (Wiedemann), 1828: 497 (*Asilus*). Type-locality: “Brazil” [Freyreiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 590 (?*Trupanea*); Schiner, 1866: 690 (*Proctophorus*), 1867: 391 (*Proctophorus*); Williston, 1891: 84 (cat.; *Proctophorus*); Kertész, 1909: 231 (cat.; *Proctophorus*); Carrera, 1945: 163 (prey); Bromley, 1946: 114 (cat.; [*Eichoichemus* (*Proctophorus*)]); Carrera & d’Andretta, 1952: 258 (prey), 1961: 76 (preys); Hull, 1962 (2): 460, figs. 197, 719, 1440, 1449, 2399, 2402; Martin & Papavero, 1970: 60 (cat.); Artigas & Papavero, 1995a: 99. Syntypes, NMW, BZM [no. 732; cf. Schumann, 1973: 149].

Genus *Proctophoroides* Artigas & Papavero, 1995

- Proctophoroides** Artigas & Papavero, 1995a: 99. Type-species, *Erax hyalipennis* Macquart, 1838 (orig. des.).
- hyalipennis** (Macquart), 1838: 114 (1839: 230) (*Erax*). Type-locality: Brazil, western Minas Gerais. Refs. – Walker, 1855: 639 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995a: 99 (n. comb.). Type, MNHNP.
- latiforceps** (Bromley), 1928: 3 (*Erax*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Bromley, 1946: 114 (cat.; *Eichoichemus*); Hull, 1962 (2): 475 (*Efferia*); Artigas & Papavero, 1995a: 99 (n. comb.). Type, AMNH.

Genus *Wygodasilus* Artigas & Papavero, 1995

- Wygodasilus** Artigas & Papavero, 1995a: 99. Type-species, *Erax pulchripes* Bromley, 1928 (orig. des.).
- pulchripes** (Bromley), 1928: 4 (*Erax*). Type-locality: “Piedra, Brazil” [in error; actually Bolivia, Santa Cruz, Piedra Blanca (4 miles west of Corumbá, Mato Grosso do Sul, Brazil); cf. Papavero, 1973d: 380]. Distr. – Bolivia (Santa Cruz). Refs. –

Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995a: 99 (n. comb.). Holotype, AMNH.

Glaphyropyga-group

Genus *Glaphyropyga* Schiner, 1866

- Glaphyropyga** Schiner, 1866: 668 (in key), 647 (1868: 187, second erection of genus). Type-species, *Asilus himantocerus* Wiedemann, 1828 (orig. des.).
- Tapinostylus* Enderlein, 1914a: 256. Type-species, *Tapinostylus setosifemur* Enderlein, 1914 (orig. des.).
- Opopotes* Hull, 1957: 884. Type-species, *Opopotes attenuatus* Hull, 1957 (orig. des.). Ref. – Artigas & Papavero, 1995b: 15 (syn.).
- aristata** Carrera, 1950a: 29, fig. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. – Costa Rica, Panama, ?Peru (Huánuco). Refs. – Carrera & d'Andretta, 1953: 70; Hull, 1962 (2): 502; ?Lamas M., 1972: 313 (cat.); Artigas & Papavero, 1995b: 15, fig. 4. Type, USNM.
- attenuata** (Hull), 1957: 884 (*Opopotes*). Type-locality: “Costa Rica”. Refs. – Hull, 1962 (2): 503, figs. 363, 747, 1493, 1502, 2357, 2400 (*Opopotes*); Artigas & Papavero, 1995b: 15 (n. comb.). Type, BMNH.
- bolivari** Ayala, 1983: 8, figs. 2, 10, 17. Type-locality: Venezuela, Aragua, Rancho Grande, via la Toma, 1100 m. Distr. – Venezuela (Aragua, Bolívar, Carabobo, Guárico, Miranda). Type, IZAUCV.
- carrerai** Ayala, 1983: 6, figs. 1, 8, 23. Type-locality: Venezuela, Miranda, Caracas (Quebrada Pasaquire), 1000 m. Distr. – Venezuela (Aragua, Distrito Federal, Mérida, Miranda, Monagas). Type, IZAUCV.
- dryas** Fisher & Hespeneheide, 1982: 712, figs. 1-6 Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. – Costa Rica (Cartago, Heredia), Panama, Venezuela (Aragua, Guárico, Lara, Miranda, Zulia). Refs. – Ayala, 1983: 12, figs. 4, 12, 20; Artigas & Papavero, 1995b: 15. Type, USNM.
- himantocera** (Wiedemann), 1828: 447 (*Asilus*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Peru (Huánuco), Brazil (Goiás, Rio de Janeiro, São Paulo, Paraná). Refs. – Walker, 1855: 702 (*Asilus*); Schiner, 1866: 685; Williston, 1891: 89 (cat.); Kertész, 1909: 284 (cat.); Carrera, 1945c: 177, figs. 1-11, 36-38; Bromley, 1946: 117 (cat.); Carrera & d'Andretta, 1953: 69; Carrera, 1960a: 166; Hull, 1962 (2): 502, figs. 324, 731, 1401, 1410, 2186, 2462, 2481; Carrera & Machado-Allison, 1963: 255, fig. 3; Lamas M., 1972: 313 (cat.); Artigas & Papavero, 1995b: 15, fig. 5. Type, SENCK [cf. Geller-Grimm, 1999: 209].
- pollinifera** Carrera, 1945c: 181, figs. 12-21. Type-locality: Brazil, São Paulo, São Paulo. Distr. – Peru, Brazil (Rio de Janeiro, São Paulo), Bolivia. Refs. – Carrera, 1959: 6, 1960a: 166; Hull, 1962 (2): 502, fig. 2187; Artigas & Papavero, 1995b: 15, figs. 1-2, 7, 8-14; Fisher, 1985: 34. Type, MZUSP.
- renatoi** Ayala, 1983: 12, figs. 6, 14, 19. Type-locality: Venezuela, Táchira, San Joaquín de Navay, 300 m. Distr. – Venezuela (Aragua). Type, IZAUCV.
- setosifemur** (Enderlein), 1914a: 256, figs. 3-4 (*Tapinostylus*). Type-locality: Ecuador, Napo, Archidona and Tungurahua: Hacienda Santa Inés, 1244 m (10°25'S, 78°12'W) [cf. Brown, 1941: 846]. Refs. – Bromley, 1946: 117 (cat.; *Tapinostylus*); Hull, 1962 (2): 502; Artigas & Papavero, 1995b: 15. Syntypes, IZPAN.
- tachirensis** Ayala, 1983: 14, figs. 7, 15, 22. Type-locality: Venezuela, Táchira, Río Frío, 450 m. Distr. – Venezuela (Táchira). Type, IZAUCV.
- tiarensis** Ayala, 1983: 10, figs. 3, 11, 18. Type-locality: Venezuela, Aragua, Campamento Rangel, via La Tiara, 1200 m. Distr. – Venezuela (Aragua). Type, IZAUCV.
- venezuelensis** Carrera & Machado-Allison, 1963: 256. Type-locality: Venezuela, Aragua, Rancho Grande, 1100 m. Distr. – Venezuela (Aragua, Carabobo). Refs. – Artigas & Papavero, 1995b: 15, figs. 3, 6; Ayala, 1983: 12, figs. 5, 13, 21. Type, FAUCV.

Genus *Leptoharpacticus* Lynch Arribálzaga, 1880

Leptoharpacticus Lynch Arribálzaga, 1880: 178. Type-species, *Asilus mucius* Walker, 1849 (orig. des.).

- mucius** (Walker), 1849: 463 (*Asilus*). Type-locality: Uruguay, Montevideo. Refs. – Walker, 1855: 707 (*Asilus*); Lynch Arribálzaga, 1880: 180, 1883: 152 (cat.); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 265 (cat.; *Asilus*); Hull, 1962 (2): 511, figs. 373, 687, 1494, 1503, 2346, 2359; Artigas & Papavero, 1995b: 15. Type, BMNH (lacking one antenna, both wings, pair of middle legs and hind left leg).
- sp.** Artigas & Papavero, 1995b: 32, figs. 87-99.

Genus **Megalometopon** Artigas & Papavero, 1995

Megametopon Artigas, 1970a: 312 (preocc. Giglio-Tos, 1891). Type-species, *Asilus occidentalis* Philippi, 1865 (orig. des.).
Megalometopon Artigas & Papavero, 1995b: 15 (*nom. nov.* for *Megametopon* Artigas, 1970). Type-species, *Asilus occidentalis* Philippi, 1865 (aut.).

immisericorde (Artigas), 1970a: 314, figs. 301-304, 422 (*Megametopon*). Type-locality: Chile, Valparaíso, Perales. Distr. – Chile (Santiago, Valparaíso). Refs. – Artigas, 1971: 41, figs. 99-100; Artigas & Papavero, 1995b: 15, figs. 36-48 (n. comb.). Type, DZUC.

occidentale (Philippi), 1865: 696 (*Asilus*). Type-locality: Chile, Valdivia. Neotype-locality: Chile, Talca, Arnerillo. Distr. – Chile (Aconcagua, Arauco, Cautín, Concepción, Curicó, Linares, Malleco, Ñuble, O'Higgins, Santiago, Talca, Valdivia, Valparaíso). Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 261 (cat.; *Asilus*); Bromley, 1932: 281 (*Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas, 1970a: 315, figs. 305-311, 430 (*Megametopon*), 1971: 41, figs. 101-102; Artigas & Papavero, 1995b: 15 (n. comb.). Type, lost. NT DZUC [des. by Artigas, 1970a: 315].

Genus **Neotes** Artigas & Papavero, 1995

Nesiotes Artigas, 1970a: 333 (preocc. Martens, 1860). Type-species, *Nesiotes chiloensis* Artigas, 1970 (orig. des.).
Neotes Artigas & Papavero, 1995b: 15 (*nom. nov.* for *Nesiotes* Artigas, 1970). Type-species, *Nesiotes chiloensis* Artigas, 1970 (aut.).

chiloensis (Artigas), 1970: 334, figs. 345-352, 423 (*Nesiotes*). Type-locality: Chile, Chiloé, Isla de Chiloé, Dalcahue. Distr. – Chile (Cautín, Chiloé, Osorno). Refs. – Artigas, 1971: 45, fig. 113 (*Nesiotes*); Artigas & Papavero, 1995b: 15, figs. 15-28 (n. comb.). Type, DZUC.

Genus **Nomomyia** Artigas, 1970

Nomomyia Artigas, 1970a: 336. Type-species, *Erax murinus* Philippi, 1865 (orig. des.).

ivetteae Artigas, 1970a: 337, figs. 353-357, 475. Type-locality: Chile, Coquimbo, El Pangue, south of Vicuña. Distr. – Chile (Coquimbo, Santiago). Refs. – Artigas, 1971: 46, figs. 114-115; Artigas & Papavero, 1995b: 16, figs. 61-68. Type, DZUC.

murina (Philippi), 1865: 694 (*Erax*). Type-locality: Chile, Santiago. Distr. – Chile. Refs. – Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Bromley, 1932: 266; Stuardo Ortiz, 1946: 84 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas, 1970a: 339, figs. 358-362, 456 (n. comb.), 1971: 47, figs. 116-117; Artigas & Papavero, 1995b: 16, figs. 69-72. Type, MNHNS.

Genus **Regasilus** Curran, 1931

Regasilus Curran, 1931b: 24. Type-species, *Regasilus strigarius* Curran, 1931 (orig. des.).

strigarius Curran, 1931b: 24 (as *strigaria*, error). Type-locality: Ecuador, Guayas, Guayaquil. Distr. – Ecuador, Peru (Cuzco, Piura). Type, AMNH. Refs. – Hull, 1962 (2): 506, figs. 207, 685, 1406, 1415, 2200, 2209, 2421, 2422; Lamas M., 1972: 314 (cat.); Artigas & Papavero, 1995b: 16.

Genus **Tscasia** Artigas & Papavero, 1995

Tscasia Artigas & Papavero, 1995b: 16. Type-species, *Tscasia wagneri* Artigas & Papavero, 1995 (orig. des.).

wagneri Artigas & Papavero, 1995b: 17, figs. 29-35. Type-locality: Argentina, Santiago del Estero, 56 km south of Icaño. Distr. – Argentina (Santiago Del Estero). Type, MNHNP.

Genus **Zoticus** Artigas, 1970

Zoticus Artigas, 1970a: 368. Type-species, *Zoticus toconaoensis* Artigas, 1970 (orig. des.)

fitzroyi Artigas, 1974c: 119, figs. 1-7. Type-locality: Argentina, Santa Cruz, 24 km south of FitzRoy. Distr. – Argentina (Santa Cruz). Ref. – Artigas & Papavero, 1995b: 17, figs. 73-86 TP DZUC.

toconaoensis Artigas, 1970a: 369, figs. 400-405, 489. Type-locality: Chile, Antofagasta, Toconao. Distr. – Chile (Antofagasta). Ref. – Artigas, 1971: 52, figs. 134-135; Artigas & Papavero, 1995b: 17. Type, DZUC.

Lecania-group

Genus **Cerozodus** Bigot, 1857

Cerozodus Bigot, 1857b: 543 (in key). Type-species, *Asilus nodicornis* Wiedemann, 1828 (orig. des.).

nodicornis (Wiedemann), 1828: 469 (*Asilus*). Type-locality: “Brazil”. Distr. – Brazil (São Paulo). Refs. – Macquart, 1838: 108 (*Erax*); Walker, 1855: 638 (?*Erax*); Bigot, 1857b: 543; Schiner, 1866: 667 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 244 (cat.); Bromley, 1946: 115 (cat.); Carrera, 1946d: 250, figs. 1-14; Hull, 1962 (2): 485, figs. 372, 712, 1399, 1408, 2442, 2443; Artigas & Papavero, 1995b: 36, figs. 1-11. Type, BZM [no. 2040; cf. Schumann, 1973: 138].

Genus **Ctenodontina** Enderlein, 1914

Ctenodontina Enderlein, 1914a: 260. Type-species, *Ctenodontina pectinatipes* Enderlein, 1914 (orig. des.).

Catostola Hull, 1958c: 320. Type-species, *Catostola carrerai* Hull, 1958 (orig. des.) = *Ctenodontina maya* Carrera & d’Andretta, 1953. Ref. – Martin & Papavero, 1970: 70 (syn.).

martini Fisher in Fisher & Hespeneheide, 1992: 630 (note 7) (*nom. nov.* for *maya* Martin, 1975). Type-locality: Mexico, Chiapas, Tacaná, San Jerónimo. Distr. – Mexico (Chiapas, Yucatán), Guatemala.

maya Martin, 1975c: 87, fig. 78 (*Pachychaeta*; preocc. Carrera & d’Andretta, 1953). Type-locality: Mexico, Chiapas, Tacaná, San Jerónimo. Ref. – Artigas & Papavero, 1995: 38. Type, CAS.

maya Carrera & d’Andretta, 1953: 75, figs. 9-11. Type-locality: Peru, Huánuco, Tingo María. Distr. – Peru (Cuzco, Huánuco, Junín, Madre de Dios). Refs. – Hull, 1962 (2): 482; Lamas M., 1972: 313 (cat.), 1973b: 276, figs. 1-3; Martin & Papavero, 1970: 70 (cat.); Fisher, 1985: 34; Artigas & Papavero, 1995b: 36, fig. 12. Type, MZUSP.

carrerai Hull, 1958c: 323 (*Catostola*). Type-locality: Peru, Junín, Valle de Chanchamayo. Distr. – Peru (Junín). Refs. – Hull, 1962 (2): 482, figs. 349, 394, 1545, 1554, 2201, 2205; Lamas M., 1972: 313 (cat.), 1973b: 276 (syn.); Artigas & Papavero, 1995b: 36, figs. 17-27, 29-34. Type, MZUSP.

mochica Lamas M., 1973b: 277, figs. 4-7. Type-locality: Peru, La Libertad, Cartavio. Distr. – Peru. Ref. – Artigas & Papavero, 1995b: 36. Type, Museo de Entomología, Universidad Nacional Agraria, Lima, Peru.

pectinatipes Enderlein, 1914a: 261, figs. 6-7. Type-locality: Colombia, Caldas, Victoria (Hacienda Pehlke), 900 m [cf. Papavero, 1973d: 299]. Distr. – Colombia. Refs. – Carrera & d’Andretta, 1953: 77; Hull, 1962 (2): 480, figs. 2508, 2524; Martin & Papavero, 1970: 71 (cat.); Lamas M., 1973b: 276; Artigas & Papavero, 1995b: 36. Type, IZPAN.

sp. Artigas & Papavero, 1995b: fig. 28. Argentina, Jujuy, La Legua.

Genus **Lecania** Macquart, 1838

Lecania Macquart, 1838: 131 (1839: 247). Type-species, *Lecania rufipes* Macquart, 1838 (sub. des., Hull, 1962 (2): 480).

Pachychaeta Bigot, 1857b: 545 (as *Pachychoeta* in key). Type-species, *Erax annulipes* Macquart, 1946 (orig. des.).

Nyssoprosopa Hull, 1962 (2): 519. Type-species, *Nyssoprosopa pollinosa* Hull, 1962 (orig. des.).

Aristofolia Ayala, 1978: 38. Type-species, *Aristofolia lapila* Ayala, 1978 (orig. des.). **N. syn.**

annulipes (Macquart), 1846: 211 (1846: 83), pl. 8, fig. 8 (*Erax*). Type-locality: “Brazil”. Refs. – Walker, 1855: 642 (*Erax*); Bigot, 1857b: 545; Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 245 (cat.); Bromley, 1946: 116 (cat.; *Pachychoeta*); Hull, 1962

- (2): 481 [*Lecania (Pachychaeta)*]; Martin, 1975c: 85 (*Pachychoeta*); Artigas & Papavero, 1995b: 37. Type, ?lost.
- apicalis** (Bromley), 1934b: 355 (*Pachychaeta*). Type-locality: Guyana, Bartica. Refs. – Hull, 1962 (2): 481; Martin, 1975c: 85 (*Pachychoeta*); Artigas & Papavero, 1995b: 37. Type, AMNH.
- baleta** (Walker), 1849: 427 (*Asilus*). Type-locality: “Venezuela”. Refs. – Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995b: 37. Type, BMNH.
- ?*caracasae* Martin, 1975c: 85 (*Pachychaeta*). Type-locality: Venezuela, Quebrada Caxia, south of Caracas. Type, CAS.
- boraceae** Carrera, 1958a: 150, figs. 3-5. Type-locality: Brazil, São Paulo, Salesópolis (Estação Biológica de Boracéia). Ref. – Artigas & Papavero, 1995b: 37, figs. 65-69. Type, MZUSP.
- clavata** (Macquart), 1838: 147 (1839: 263), pl. 12, fig. 3 (*Asilus*). Type-locality: Brazil, western Minas Gerais. Refs. – Walker, 1855: 706 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 253 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995b: 37. Type, MNHNP.
- ?*calatina* Walker, 1849: 436 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 708 (*asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 252 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*). Type, BMNH.
- complicata** (James), 1953: 52, fig. 6 (*Pachychaeta*). Type-locality: Honduras, Guaimas, Tela. Refs. – Hull, 1962 (2): 481; Martin, 1975c: 86 (*Pachychoeta*); Artigas & Papavero, 1995b: 37. Type, MICH.
- copulata** (Wiedemann), 1819: 48 (*Asilus*). Type-locality: “Brazil”. Refs. – Wiedemann, 1821: 192 (*Asilus*), 1828: 457 (*Asilus*); Walker, 1855: 637 (*Erax*); Schiner, 1866: 686 (*Erax*), 1867: 394 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 481; Artigas & Papavero, 1995b: 37; Geller-Grimm, 1999: 208 [specimen in SENCK]. Syntypes, NMW.
- ctesicles** (Walker), 1851: 149 (*Asilus*). Type-locality: “South America”. Refs. – Walker, 1855: 705 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 255 (cat.; *Asilus*); Bromley, 1946: 117 (cat.; *Pachychoeta*); Hull, 1962 (2): 481; Artigas & Papavero, 1995b: 38. Type, BMNH.
- femorata** Macquart, 1838: 132 (1839: 248). Type-locality: unknown. Refs. – Walker, 1855: 762; Williston, 1891: 89 (cat.; *Senoprosopis*); Kertész, 1909: 285 (cat.; *Stenoprosopis*); Hull, 1962 (2): 481; Artigas & Papavero, 1995b: 38. Syntypes, MNHNP, OXF.
- flavida** (Wiedemann), 1828: 473 (*Asilus*). Type-locality: Uruguay, Montevideo. Refs. – Walker, 1855: 639 (*Erax*); Schiner, 1866: 687 (*Asilus*); Lynch Arribálzaga, 1880: 116 (*Erax*), 1883a: 148 (cat.; *Erax*); Osten Sacken, 1891: 420 (*Erax*); Kertész, 1909: 236 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995b: 38. Type, BZM [no. 2041; cf. Schumann, 1973: 111].
- flavidus* Macquart, 1838: 114 (1839: 230) (*Erax*; preocc. Wiedemann, 1828). Type-locality: “Brésil, à l’embouchure de l’Uruguay jusqu’aux Missions” [= Uruguay, western part, along Uruguay river; cf. Papavero, 1973d: 121]. Refs. – Walker, 1855: 637 (*Erax*); Lynch Arribálzaga, 1880: 37 (*Erax*), 1883a: 149 (cat.; *Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 236 (cat.; *Erax*); Bromley, 1946: 114 (cat.; *Erax*); Martin & Papavero, 1970: 64 (cat.; syn.). Type, MNHNP.
- genitalis** (Bromley), 1934: 256, fig. 20 (*Pachychaeta*). Type-locality: Guyana, Tropical Research Station. Refs. – Hull, 1962 (2): 481, figs. 699 (as *Lecania (Pachychaeta)* in caption of figure), 1403, 1412, 1604, 2434; Martin, 1975c: 86 (*Pachychoeta*); Artigas & Papavero, 1995b: 38. Type, AMNH.
- hilarii** (Macquart), 1838: 147 (1839: 263) (*Asilus*). Type-locality: Brazil, Rio de Janeiro. Refs. – Walker, 1855: 707 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 481; Artigas & Papavero, 1995b: 38. Type, MNHNP.
- inca** (Martin), 1975: 86 (*Pachychaeta*). Type-locality: Venezuela, San Esteban. Ref. – Artigas & Papavero, 1995b: 38. Type, CAS.
- lapila** (Ayala), 1978: 40, pl. 2, figs. 1-8 (*Aristofolia*). Type-locality: Venezuela, Guárico, San Francisco de Tiznados, Quebrada Coronado. Distr. – Venezuela (Guárico). Type, IZAUCV. **N. comb.**
- leucopyga** (Wiedemann), 1828: 586 (*Asilus*). Type-locality: “Brazil”. Refs. – Schiner, 1866: 690 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 481; Artigas & Papavero, 1995b: 38, figs. 81-83. Type, ?
- mellina** (Wiedemann), 1828: 465 (*Asilus*). Type-locality: Uruguay, Montevideo. Refs. – Walker, 1855: 638 (*Erax*); Schiner, 1866: 686 (*Erax*), 1867: 393 (*Erax*); Lynch Arribálzaga, 1880: 119 (*Erax*), 1883a: 149 (cat.; *Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995b: 38. Syntypes, NMW.
- mygdon** (Walker), 1851: 127 (*Erax*). Type-locality: “South America”. Refs. – Walker, 1855: 634 (*Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Artigas & Papavero, 1995b: 38. Type, BMNH.
- migdon* Hull, 1962 (2): 478 (*Nerax*), error.
- pollinosa** (Hull), 1962 (2): 521, figs. 770, 1418, 1427, 1451, 2251, 2279, 2381, 2416 (*Nyssoprosopa*). Type-locality: “Paraguay”. Ref. – Artigas & Papavero, 1995b: 38. Type, ? (not in ZSBS).
- rufina** (Wiedemann), 1819: 47 (*Asilus*). Type-locality: “Brazil”. Refs. – Wiedemann, 1828: 441 (*Asilus*); Walker, 1855: 705 (*Asilus*); Schiner, 1866: 684 (*Erax*), 1867: 393 (*Erax*); Wulp, 1882a: 78 (*Erax*), 1882b: 113 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Bromley, 1946: 115 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995b: 38, figs. 35-38; Geller-Grimm, 1999: 214 (material in SENCK). Syntypes, NMW, BZM [no. 10290; cf. Schumann, 1973: 153].
- rufipes** Macquart, 1838: 131 (1839: 247), pl. 11, figs. 2, 2a-b. Type-locality: Brazil, Pará, surroundings of Belém. Refs. – Walker, 1855: 761; Williston, 1891: 89 (cat.; *Senoprosopis*); Kertész, 1909: 285 (cat.; *Stenoprosopis*); Bromley, 1946:

117 (cat.; *Pachychoeta*); Carrera & Vulcano, 1961: 76 (preys); Hull, 1962 (2): 478 (*Nerax*), 481 (*Lecania*), figs. 2185, 2406, 2409; Artigas & Papavero, 1995b: 38, figs. 16, 61-64. Type, MNHNP.

spp. Artigas & Papavero, 1995: figs. 13-15, 39-55, 70-80

virilis (Wiedemann), 1828: 468 (*Asilus*). Type-locality: “Brazil”. Refs. – Macquart, 1838: 113 (*Erax*); Walker, 1849: 401 (*Asilus*), 1855: 636 (*Erax*); Schiner, 1866: 687 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 244 (cat.; *Erax*); Bromley, 1946: 117 (cat.; *Pachychoeta*); Hull, 1962 (2): 481; Martin, 1975c: 87 (*Pachychoeta*); Artigas & Papavero, 1995b: 38. Type, NMW.

?*sexmaculatus* Walker, 1855: 707 (*Asilus*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 263 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*). Type, BMNH.

Lochmorhynchus-group

Genus Apotinoceus Hull, 1956

Apotinoceus Hull, 1956: 69. Type-species, *Proctacanthus brevistylatus* Wulp, 1882 (orig. des.).

brevistylatus (Wulp), 1882b: 111 (*Proctacanthus*). Type-locality: “Argentina”. Ref. – Lynch Arribálzaga, 1883b: 13 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Hull, 1956: 70 (n. comb.), 1962 (2): 493, figs. 395, 738, 1367, 1376, 2181, 2457-2460; Artigas & Papavero, 1995c: 133, figs. 1-9. Type, ZMA (Left antenna missing, flagellum of right antenna missing). [There are several specimens of this species in ZSBS; it was actually Hermann who recognized this genus and who gave it the manuscript name *Apotinoceus*, profited by Hull].

Genus Lochmorhynchus Engel, 1930

Lochmorhynchus Engel, 1930: 459. Type-species, *Proctacanthus senectus* Wulp, 1882 (orig. des.).

Philonerax Bromley, 1932: 270. Type-species, *Asilus mucidus* Walker, 1837 (orig. des.).

Lonchodogonus Hull, 1962 (2): 496. Type-species, *Lonchodogonus cribratus* Hull, 1962 (orig. des.) = *mucidus* (Walker, 1837).

Eremomyia Artigas, 1970a: 184 (preocc. Stein, 1898). Type-species, *Eremomyia tuimbrensis* Artigas, 1970 (orig. des.). Ref. – Artigas & Papavero, 1995: 133 (syn.).

Eretomyia Artigas, 1971: 36 (*nom. nov.* for *Eremomyia* Artigas, 1970). Type-species, *Eremomyia tumbrensis* Artigas, 1970 (aut.). Ref. – Artigas & Papavero, 1995: 133 (syn.).

albicans (Carrera & d’Andretta), 1953: 7, fig. 2-8 (*Erax*). Type-locality: Peru, Lima, Pachacámac, near Lima. Distr. – Peru (Ica, Lima, Piura). Refs. – Hull, 1962 (2): 478 (*Nerax*); Lamas M., 1972: 314 (cat.); Artigas & Papavero, 1995c: 133, figs. 25-32. Type, MZUSP.

albinigrus Artigas, 1981: 187, figs. 1-7. Type-locality: Argentina, Córdoba, Salina Mascalasín. Distr. – Argentina (Córdoba). Ref. – Artigas & Papavero, 1995c: 133. Type, DZUC.

albispinosus (Macquart), 1850: 388 (1850: 84), pl. 8, fig. 7 (only body; wing belongs to *longiterebratus* Macquart, 1850) (*Erax*). Type-locality: “South America”. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 233 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1995c: 133. Type, MNHNP.

amblayoensis (Hengst & Artigas), 2003: 290, figs. 1, 2B, E, G, 3A-H, 5. Type-locality: Argentina, Salta, Salta, Alturas de Amblayo, 3500 m. Distr. – Argentina (La Rioja, Salta, San Juan). Type, DZUC. **N. comb.**

tibialis Hengst & Artigas, 2003: 287, *nomen nudum*.

ablayoensis Hengst & Artigas, 2003: 291 (caption of fig. 3D), error.

borrori Artigas, 1970a: 288, figs. 261, 264, 268, 270, 496. Type-locality: Chile, Ñuble, Chillán. Distr. – Chile (Biobío, Concepción, Curicó, Linares, Malleco, Ñuble, Santiago, Valparaíso). Refs. – Artigas, 1971: 36, figs. 89-90; Artigas & Papavero, 1995c: 133, figs. 33-38. Type, DZUC.

borroi Schumann, 1973: 93, error.

ciénagaensis (Hengst & Artigas), 2003: 293, figs. 1, 3D-E, G, 6A-F, 7. Type-locality: Argentina, San Juan, La Ciénaga. Distr. – Bolivia (Cochabamba), Argentina (Catamarca, Mendoza, San Juan, Tucumán). Type, DZUC. **N. comb.**

sagitata Hengst & Artigas, 2003: 287, *nomen nudum*.

griseus (Guérin-Ménéville), 1838: 292 (*Asilus*). Type-locality: “Chile”. Distr. – Chile (Arauco, Biobío, Concepción, Coquimbo, Curicó, Malleco, Maule, Ñuble, O’Higgins, Santiago, Valparaíso). Refs. – Macquart, 1838: 115 (*Erax*); Blanchard,

Papavero

- 1852: 369, pl. 3, fig. 2 (*Erax*); Walker, 1855: 634 (*Erax*); Philippi, 1865: 692 (*Erax*); Schiner, 1868: 180 (*Erax*); Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Engel, 1930: 459, fig. 3 (n. comb.); Hull, 1962 (2): 496, figs. 206A, 716, 1437, 1446, 2203, 2217, 2494; Artigas, 1971: 37, figs. 87-88; Artigas & Reyes, 1975: 199, figs. 4-6, 12; Artigas & Papavero, 1995c: 134. Type, MNHNP.
- cinereus* Philippi, 1865: 693 (*Erax*). Type-locality: Chile, Santiago, Colchagua. Refs. – Williston, 1891: 85 (cat.; *Erax*); Kertész, 1909: 235 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*). Type, MNHNS.
- albescens* Schiner, 1868: 180 (*Erax*). Type-locality: “Chile”. Type, NMW. Ref. – Hull, 1962 (2): 478 (*Nerax*).
- leoninus** Artigas, 1970b: 67, figs. 1-4. Type-locality: Chile, Tarapacá, Mollepampa, Lluta. Distr. – Southern Peru, northern Chile (Tarapacá). Ref. – Artigas & Papavero, 1995c: 134. Type, DZUC.
- longiterebratus** (Macquart), 1850: 387 (1850: 83), pl. 8, fig. 7 (only wing; body belongs to *albispinosus* Macquart, 1850) (*Erax*). Type-locality: Argentina, Patagonia. Refs. – Lynch Arribálzaga, 1880: 120 (*Erax*), 1883a: 149 (cat.; *Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 238 (cat.; *Erax*); Engel, 1930: 460 (n. comb.); Bromley, 1932: 269 (*Erax*); Hull, 1962 (2): 496; Artigas & Papavero, 1995c: 134. Type, lost.
- mucidus** (Walker), 1837: 340 (*Asilus*). Type-locality: Argentina, Puerto Santa Elena. Distr. – Argentina (Chubut, Mendoza, Neuquén, Río Negro, Santa Cruz), Chile (Aysén). Refs. – Lynch Arribálzaga, 1883a: 151 (cat.; *Asilus*), 1883b: 86 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Bromley, 1932: 279, figs. 23, 24a-c (*Philonerax*); Hull, 1962 (2): 495, figs. 212, 689, 705, 750, 1439, 1448, 2225 (*Philonerax*); Artigas, 1970a: 342, figs. 363-365, 411 (*Philonerax*); Artigas & Papavero, 1995c: 134, 18-24 (*Lochmorhynchus*); Hengst & Artigas, 2003: 289, figs. 1, 2A-E, 3C, F (*Philonerax*). Type, BMNH. **N. comb.**
- cribratus* Hull, 1962 (2): 498, figs. 209, 751, 1435, 1444, 2256, 2281, 2373, 2382 (*Lonchodogonus*). Type-locality: “Believed to be from the Cordilleran region of southern South America”. Refs. – Artigas & Papavero, 1995c: 134; Hengst & Artigas, 2003: 289 (*Philonerax*; syn.). Type, ZSBS.
- cribatus* Hengst & Artigas, 2003: 289, error.
- chilechicoensis* Artigas, 1970a: 344, figs. 366-370, 500 (*Philonerax*). Type-locality: Chile, Aysén, Chile Chico, laguna Buenos Aires. Distr. – Chile (Aysén). Refs. – Artigas, 1971: 47, figs. 120-121 (*Philonerax*); Artigas & Papavero, 1995c: 133; Hengst & Artigas, 2003: 289 (*Philonerax*; syn.). Type, DZUC.
- patagoniensis** (Macquart), 1850: 387 (1850: 83) (*Erax*). Type-locality: Argentina, Patagonia. Distr. – Argentina (Mendoza, Buenos Aires, Patagonia), Chile. Refs. – Schiner, 1866: 713 (*Erax*); Lynch Arribálzaga, 1880: 113 (*Erax*), 1883a: 149 (cat.; *Erax*); Williston, 1891: 86 (cat.; *Erax*); Kertész, 1909: 240 (cat.; *Erax*); Bromley, 1832: 269 (*Erax*); Hull, 1962 (2): 478 (*Nerax*); Artigas & Papavero, 1997b: 72 (*Nerax*); Tomasovic, 2002: 56 (n. comb.). Type, MNHNP.
- patagonensis* Artigas, 1970a: 282, figs. 249, 251, 413 (*Efferia*), error.
- puntarenensis** Artigas, 1970a: 294, figs. 262, 263b, 271, 272, 431. Type-locality: Chile, Magallanes, Punta Arenas. Distr. – Chile (Magallanes). Refs. – Artigas, 1971: 37, figs. 91-92; Artigas & Papavero, 1995c: 134. Type, DZUC.
- senectus** (Wulp), 1882b: 110 (*Proctacanthus*). Type-locality: “Argentina”. Refs. – Lynch Arribálzaga, 1883b: 13 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 248 (cat.; *Proctacanthus*); Engel, 1930: 459, fig. 2 (n. comb.); Hull, 1962 (2): 496, figs. 732, 1420, 2363; Artigas & Papavero, 1995c: 134. Syntypes, ZMA (in bad shape, eaten by dermestids, the two ST without terminalia and only parts of the abdomen left).
- sp.** Artigas & Papavero, 1995c: 143-144, figs. 41-48. Argentina.
- tumbrensis** (Artigas), 1970a: 285, figs. 253-260, 479 (*Eremomyia*). Type-locality: Chile, Antofagasta, Tumbre. Distr. – Chile (Antofagasta). Refs. – Artigas, 1971: 36, figs. 85-86 (*Eretomyia*); Artigas & Papavero, 1995c: 134, figs. 10-17 (n. comb.). Type, DZUC.

Mallophora-group

Promachina Lehr, 1969: 532, 549, *nomen nudum*. Ref. – Dikow, 2003: 461.

Genus *Amblyonychus* Hermann, 1921

- Promachus*, subg. ***Amblyonychus*** Hermann, 1921: 118. Type-species, *Promachus wiedemannb* Schiner, 1867 (orig. des.).
- Promachina* Bromley, 1934a (March): 96. Type-species, *Promachus trapezoidalis* Bellardi, 1861 (orig. des.; based on specimens from U. S. A., Texas, Brownsville).
- Promachina* Bromley, 1934b (July): 352 (preocc. Bromley, 1934). Type-species, *Promachus trapezoidalis* Bellardi, 1861 (orig. des., misident.; based on specimens from Guyana). Ref. – Martin, 1967a.

annularis (Fabricius), 1805: 171 (*Dasypogon*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Venezuela, Guyana, Peru (Huánuco, Lima), Bolivia. Refs.

- Wiedemann, 1821: 211 (*Asilus*), 1828: 492 (*Asilus*); Macquart, 1834: 311 (*Asilus*); Walker, 1849: 394 (*Asilus*), 1855: 589 (*Trupanea*); Schiner, 1866: 689 (?gen.); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 217 (cat.; *Promachus*); Curran, 1935: 10 (in key; *Promachina*); Carrera & d'Andretta, 1953: 69, fig. 1 (*Promachina*); Hull, 1962 (2): 462 (*Promachus*), 467 (*Promachina*); Carrera & Machado-Allison, 1963: 249, fig. 2a (*Promachina*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Lamas M., 1972: 314 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 99 (n. comb.). Syntypes, COPN, KIEL (in bad condition) [cf. Zimsen, 1964: 471].
- flavifasciatus** (Macquart), 1838: 102 (1839: 218), pl. 9, figs. 1, 1a, 1b (*Trupanea*). Type-locality: Brazil, Pará, surroundings of Belém. Distr. – Surinam, Brazil (Pará). Refs. – Walker, 1849: 394 (*Asilus*), 1855: 591 (*Trupanea*); Williston, 1891: 84 (cat.); Kertész, 1909: 220 (cat.); Bromley, 1946: 113 (cat.; *Promachus*); Carrera, 1960a: 164 (*Promachina*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 99 (n. comb.). Syntypes, MNHNP.
- gracilis** (Macquart), 1838: 102 (1839: 218) (*Trupanea*). Type-locality: “Brazil”. Refs. – Walker, 1955: 589 (*Trupanea*); Williston, 1891: 84 (cat.; *Promachus*); Kertész, 1909: 221 (cat.; *Promachus*); Bromley, 1946: 113 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.; *Promachus*); Artigas & Papavero, 1997c: 99 (n. comb.). Type, lost.
- horni** (Bromley), 1935b: 109, fig. 2 (*Promachus*). Type-locality: Peru, Huallaga, Jumbatis, 350 m. Distr. – Peru, Brazil (Acre), Bolivia. Refs. – Carrera & d'Andretta, 1950: 171 (*Promachus*, misident.), 1952: 294 (*Promachus*); Carrera, 1959: 4 (*Promachus*), 1960a: 164 (*Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin, 1965a: 33; Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Promachus*)); Lamas M., 1972: 314 (cat.; *Promachus* (*Promachus*)); Artigas & Papavero, 1997c: 99 (n. comb.). Type, DEL.
- incisuralis** (Macquart), 1838: 107 (1839: 223) (*Trupanea*). Type-locality: unknown. Distr. – Brazil. Refs. – Macquart, 1846: 80 (*Trupanea*); Walker, 1855: 610 (*Trupanea*); Williston, 1891: 84 (cat.); Kertész, 1909: 221 (cat.; *Promachus*); Bromley, 1946: 114 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Promachus*)); Artigas & Papavero, 1997c: 100 (n. comb.; = ?*nigripes* Fabricius). Type, MNHNP.
- lateralis** (Walker), 1860: 283 (*Trupanea*). Type-locality: “Mexico”. Refs. – Kertész, 1909: 221 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.); Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.). Type, BMNH.
- nigripes** (Fabricius), 1787: 360 (*Asilus*). Type-locality: “French Guiana, Cayenne (Rohr)” [cf. Papavero, 1971e: 20]. Refs. – Olivier, 1789: 268 (*Asilus*); Gmelin, 1792: 2899 (*Asilus*); Fabricius, 1794: 385 (*Asilus*), 1805: 171 (*Dasyopogon*); Wiedemann, 1821: 209 (*Asilus*), 1828: 480 (*Asilus*); Rondani, 1848: 95 (*Mallophora*); Walker, 1855: 592 (*Trupanea*); Schiner, 1866: 688 (*Promachus*), 1867: 388 (*Promachus*); Williston, 1891: 84 (cat.; *Promachus*); Kertész, 1909: 223 (cat.; *Promachus*); Carrera, 1945a: 162 (*Promachina*; preys); Bromley, 1946: 114 (cat.; *Promachus*); Carrera, 1947d: 270 (*Promachina*; preys); Hull, 1962 (2): 467 (*Promachina*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.). Type, KIEL (only thorax and wings) [cf. Zimsen, 1964: 471].
- ?*heydenii* Wiedemann, 1828: 490 (*Asilus*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57–58]. Refs. – Walker, 1855: 592 (*Trupanea*); Schiner, 1866: 589 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*). Type, SENCK [cf. Geller-Grimm, 1999: 209].
- ?*perfectus* Walker, 1851: 120 (*Trupanea*). Type-locality: “South America”. Refs. – Walker, 1855: 592 (*Trupanea*); Williston, 1891: 84 (cat.; *Promachus*); Kertész, 1909: 224 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.; *Promachus*). Type, BMNH (without abdomen; the colour of the hairs indicates a male).
- ?*brevisculus* Walker, 1855: 591 (*Trupanea*). Type-locality: Brazil, Pará, rio Tapajós. Refs. – Williston, 1891: 84 (cat.; *Promachus*); Kertész, 1909: 218 (cat.; *Promachus*); Bromley, 1946: 113 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 79 (cat.; *Promachus*). Syntypes, BMNH.
- ?*nigripes* Macquart, 1838: 101 (1839: 217) (*Trupanea*; preocc. Fabricius, 1787). Type-locality: Brazil, Pará, Belém. Refs. – Walker, 1855: 589 (*Trupanea*); Williston, 1891: 84 (cat.). Type, MNHNP.
- ?*macquartii* Rondani, 1848: 95 (*Mallophora*; nom. nov. for *nigripes* Macquart, 1837). Type-locality: Brazil, Pará, Belém. Refs. – Kertész, 1909: 222 (cat.); Bromley, 1929a: 287, pl. 1, fig. 10 (*Mallophora*); Curran, 1934a: 5 (in key); Bromley, 1946: 114 (cat.; *Promachus*; as syn. of *nigripes* Macquart, 1838); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.; *Promachus*). Type, MZUN.
- ovatus** (Martin), 1967a: 158 (*Promachus* (*Amblyonychus*)). Type-locality: Mexico, Colima, 6 miles south of Colima. Distr. – Mexico (Colima). Refs. – Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.). Type, KANS.
- pulchellus** (Bellardi), 1861: 129 (29), pl. 2, fig. 5 (*Promachus*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 280 (cat.; *Promachus*); Kertész, 1909: 224 (cat.; *Promachus*); Curran, 1935: 10 (in key; *Promachina*); Hull, 1962 (2): 467 (*Promachina*); Martin & Papavero, 1970: 81 (cat.; *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.); Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- quatuorlineatus** (Macquart), 1838: 102 (1839: 218) (*Trupanea*). Type-locality: Brazil, Rio de Janeiro. Refs. – Walker, 1855: 592 (*Trupanea*); Williston, 1891: 84 (cat.; *Promachus*); Kertész, 1909: 224 (cat.; *Promachus*); Bromley, 1946: 114 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.; *Promachus*); Artigas & Papavero, 1997c: 100 (n. comb.). Type, lost.
- substitulus** (Walker), 1851: 119 (*Trupanea*). Type-locality: “South America”. Distr. – Brazil (São Paulo), Paraguay. Refs. –

- Walker, 1855: 591 (*Trupanea*); Williston, 1891: 84 (cat.: *Promachus*); Kertész, 1909: 226 (cat.: *Promachus*); Carrera & Vulcano, 1961: 74 (*Promachina*; prey); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.: *Promachus*); Artigas & Papavero, 1997c: 100 (n. comb.). Type, BMNH.
- mitescens* Walker, 1851: 118 (*Trupanea*). Type-locality: "South America". Refs. – Walker, 1855: 591 (*Trupanea*); Williston, 1891: 84 (cat.: *Promachus*); Kertész, 1909: 223 (cat.: *Promachus*); Carrera, 1958a: 150 (*Promachina*); Hull, 1962 (2): 462 (*Promachus*). Type, BMNH (this is the female of the species; the type of *substitutulus* Walker is the male).
- barbiellini* Curran, 1935: 10 (in key), 11 (*Promachina*). Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 113 (cat.: *Promachina*); Carrera, 1947a: 45 (*Promachina*); Carrera & d'Andretta, 1952: 258 (*Promachina*) (prey); Hull, 1962 (2): 467 (*Promachina*); Martin & Papavero, 1970: 81 (cat.: *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997: 100 (syn.). Type, AMNH.
- titan** (Carrera), 1959: 4 (*Promachina*). Type-locality: Bolivia, Chapare, río Chipirirí, 400 m. Distr. – Peru (Cuzco), Bolivia. Refs. – Martin & Papavero, 1970: 81 (cat.: *Promachus* (*Amblyonychus*)); Lamas M., 1972: 314 (cat.: *Promachus* (*Amblyonychus*)); Fisher, 1985: 33 (n. comb.); Artigas & Papavero, 1997c: 100. Type, ZSBS.
- trapezoidalis** (Bellardi), 1861: 128 (28), pl. 2, fig. 4 (*Promachus*). Type-locality: "Mexico". Refs. – Williston, 1901: 320; Aldrich, 1905: 279 (*Mallophora*); Kertész, 1909: 215 (cat.: *Mallophora*); Bromley, 1934a: 96; Curran, 1935: 10 (in key); Bromley, 1946: 113 (cat.: *Promachina*); Carrera & d'Andretta, 1950: 169 (*Promachina*), 1953: 69 (*Promachina*; misident.); Hull, 1962 (2): 467, figs. 346, 744, 1383, 1392, 2190, 2217 (*Promachina*); Cole & Pritchard, 1964: 64 (*Promachus*); Martin, 1965a: 32; Martin & Wilcox, 1965: 399 (cat.: *Promachina*); Artigas & Papavero, 1997c: 100 (n. comb.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, ?
- trichonotus** (Wiedemann), 1828: 490, pl. 6, fig. 4 (*Asilus*). Type-locality: Brazil, Bahia, Salvador. Refs. – Loew, 1848: 405 (*Promachus*); Walker, 1855: 591 (*Trupanea*); Schiner, 1866: 689 (*Promachus*), 1867: 69 (*Promachus*); Wulp, 1882b: 108 (*Promachus*); Williston, 1891: 84 (cat.: *Promachus*); Kertész, 1909: 226 (cat.: *Promachus*); Engel, 1930: 458 (*Promachus* (*Trypanoides*)); Curran, 1935: 10 (in key; *Promachina*); Carrera, 1945a: 163 (*Promachina*; preys); Bromley, 1946: 113 (cat.: *Promachina*); Carrera, 1960a: 164 (*Promachina*); Hull, 1962 (2): 467 (*Promachina*); Martin & Papavero, 1970: 81 (cat.: *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.). Type, NMW.
- wiedemanni** (Schiner), 1867: 388 (*Promachus*; *nom. nov.* for *nigripes* Fabricius of Wiedemann, 1828). Type-locality: Brazil, Bahia [i. e., Bahia, Salvador]. Refs. – Williston, 1891: 84 (cat.: *Promachus*); Kertész, 1909: 227 (cat.: *Promachus*); Bromley, 1946: 114 (cat.: *Promachus*); Hull, 1962 (2): 462 (*Promachus*), 463 (*Promachus* (*Amblyonychus*)); Martin, 1965a: 32; Martin & Papavero, 1970: 81 (cat.: *Promachus*). Syntypes, NMW.
- nigripes* Fabricius of Wiedemann, 1828: 480 (*Asilus*), misident.
- yepzei** (Carrera & Machado-Allison), 1963: 250, fig. 2b (*Promachina*). Type-locality: Venezuela, Bolívar, Guyaraca, Auyantepuy, 1100 m. Distr. – Venezuela (Bolívar). Refs. – Martin & Papavero, 1970: 81 (cat.: *Promachus* (*Amblyonychus*)); Artigas & Papavero, 1997c: 100 (n. comb.). Type, FAUCV.

Genus *Carreraomyia* Cole, 1969

- Carreraia* Cole & Pritchard, 1964: 60 (preocc. Correa, 1947). Type-species, *Carreraia acapulquensis* Cole & Pritchard, 1964 (orig. des.).
- Carreraomyia** Cole, 1969: 543 (*nom. nov.* for *Carreraia* Cole & Pritchard, 1964). Type-species, *Carreraia acapulquensis* Cole & Pritchard, 1964 (aut.).
- acapulquensis** (Cole & Pritchard), 1964: 62, fig. 7 (*Carreraia*). Type-locality: Mexico, Guerrero, Acapulco. Distr. – Mexico (Guerrero, Oaxaca). Refs. – Martin & Papavero, 1970: 77 (cat.); Artigas & Papavero, 1997c: 100. Type, CAS.
- alpuyeca** (Cole & Pritchard), 1964: 63 (*Carreraia*). Type-locality: Mexico, Morelos, Alpuyeca. Distr. – Mexico (Morelos). Refs. – Martin & Papavero, 1970: 77 (cat.); Artigas & Papavero, 1997c: 100. Type, CAS.

Genus *Mallophora* Macquart, 1838

- Mallophora** Macquart, 1834: 300. Type-species, *Asilus bomboides* Wiedemann, 1821 (sub. des., Coquillett, 1910: 565).
- Ref. – Artigas & Angulo, 1980 (rev.).

- aeaca** Williston, 1901: 319. Type-locality: Mexico, Veracruz, Atoyac. Distr. – Mexico (Guerrero, Veracruz, Yucatán), El Salvador, French Guiana, Brazil (Acre, Pará), Bolivia (Cochabamba, Santa Cruz), Paraguay, Uruguay, Argentina (Catamarca, Córdoba, Entre Ríos, Jujuy, Mendoza, Misiones, Salta, Tucumán). Refs. – Aldrich, 1905: 278 (cat.); Kertész, 1909: 209 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 27, fig. 125;

- Artigas & Papavero, 1997c: 100; Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
duellojuradoi Gemignani, 1930: 136. Type-locality: Argentina, Jujuy. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 27 (syn.). Type, MACN.
- annuliventris** Artigas & Angulo, 1980: 29, fig. 126. Type-locality: Guatemala, Sacatepéquez, Capetillo. Distr. – Guatemala (Sacatepéquez). Ref. – Artigas & Papavero, 1997c: 100. Type, AMNH.
- antiqua** Walker, 1855: 581. Type-locality: Mexico, Veracruz. Refs. – Kertész, 1909: 209 (cat.); Martin & Papavero, 1970: 72 (cat.). Hull, 1962 (2): 468; Artigas & Papavero, 1997: 105 (unrecogn.); Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). [Species ignored by Artigas & Angulo, 1980].
- ?ardens** Macquart, 1834: 362. Type-locality: “North America”. Distr. – unknown. Refs. – Macquart, 1838: 89, pl. 8, fig. 2; Walker, 1855: 576; Aldrich, 1905: 278 (cat.); Kertész, 1909: 209 (cat.); Hull, 1962 (2): 468; Artigas & Papavero, 1997c: 100.
ardens Macquart of Artigas & Angulo, 1980: 29, figs. 122, 127 is most probably misident., they designated as NT a specimen from Brazil, Rio de Janeiro, Rio de Janeiro (Copacabana), in the MZUSP.
- argentipes** Macquart, 1838: 38 (1839: 204). Type-locality: “Guyana”. Distr. – Panama, Colombia, Venezuela, Guyana, Trinidad-Tobago, Surinam, French Guiana, Brazil (Roraima, Rio Grande do Norte, Mato Grosso, Goiás, Rio de Janeiro, São Paulo, Santa Catarina), Paraguay, Argentina (Buenos Aires, Formosa, Salta, Santa Fe, Santiago del Estero). Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 208 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 31, figs. 20, 25, 75-76, 122, 128; Artigas & Papavero, 1997c: 101. Type, MNHNP.
- armata** Artigas & Angulo, 1980: 33, figs. 17, 122, 129. Type-locality: Paraguay, Caaguazú. Distr. – Paraguay. Ref. – Artigas & Papavero, 1997c: 101. Type, DZUC.
- atra** Macquart, 1834: 302. Type-locality: “Brazil”. Neotype-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – U. S. A. (Minnesota, Florida), Mexico (Guerrero, Morelos), Honduras, Colombia, Venezuela, Guyana, Surinam, French Guiana, Trinidad-Tobago, Ecuador, Peru, Brazil (Roraima, Rondônia, Amazonas, Pará, Amapá, Paraíba, Pernambuco, Bahia, Mato Grosso, Mato Grosso do Sul, Tocantins, Goiás, Distrito Federal, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Cochabamba, Santa Cruz), Paraguay, Argentina (Buenos Aires, Chaco, Córdoba, Formosa, Jujuy, Misiones, Salta, Santa Fe, Santiago del Estero, Tucumán), Chile (Arica). Refs. – Walker, 1849: 389 (*Asilus*), 1855: 583; Schiner, 1866: 711; Williston, 1891: 82 (cat.); Carrera, 1945a: 161 (preys); Bromley, 1946: 112 (cat.); Carrera & Vulcano, 1961: 74 (preys); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 34, figs. 92-93, 122, 130; Artigas & Papavero, 1997c: 101; Dennis, Barnes & Knutson, 2008: 234 (pupal case). Type, lost. NT DZUC [des. by Artigas & Angulo, 1980: 34].
- freycineti* Macquart, 1838: 85 (1839: 201). Type-locality: “Brazil” (probably Rio de Janeiro, the only place where Freycinet landed in Brazil; cf. Papavero, 1971e: 124). Refs. – Macquart, 1846: 77; Walker, 1855: 579; Schiner, 1866: 711; Williston, 1891: 82 (cat.), 1901: 319; Aldrich, 1905: 278 (cat.); Bristowe, 1925: 483 (as *infernalis* var. *freycineti*; “bears a very striking resemblance to a big black Humble Bee, *Bremus kohli* (*carbobaris* Handl.), occurring in the same locality”); Carrera, 1945a: 162 (preys), 1947d: 270 (preys); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469 (as syn. of *infernalis* Wiedemann, 1821); Martin, 1965a: 34; Martin & Papavero, 1970: 74 (cat.); Artigas, 1970a: 310; Artigas & Angulo, 1980: 34 (syn.). Type, MNHNP.
- ventralis* Macquart, 1838: 91 (1839: 207). Type-locality: unknown. Refs. – Walker, 1855: 580; Schiner, 1866: 711; Williston, 1891: 84 (cat.); Kertész, 1909: 216 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, MNHNP.
- albifrons* Walker, 1850a: xcvi. Type-locality: “South America”. Refs. – Walker, 1855: 579; Schiner, 1866: 710; Williston, 1891: 82 (cat.); Kertész, 1909: 209 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, lost.
- testaceipes* Macquart, 1850: 380 (1850: 76). Type-locality: “South America”. Refs. – Schiner, 1866: 710; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, OXF.
- xylocopioides* Walker, 1851: 111. Type-locality: “Brazil, Pará [i. e., Pará, Belém]. Refs. – Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, lost.
- xyocopides* Walker, 1855: 579; Schiner, 1866: 711, Williston, 1891: 83 (cat.), error.
- testaceitarsis* Macquart, 1854: 74 (1854: 54). Type-locality: “South America”. Refs. – Schiner, 1866: 710; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, lost.
- coeruleiventris* Thomson, 1869: 467. Type-locality: Peru, Callao. Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 211 (cat.); Engel, 1930: 457; Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, ?lost.
- nigra* Williston, 1885: 58. Type-locality: U. S. A., Minnesota. Refs. – Coquillett, 1893c: 118; Curran, 1930a: 12 (in key); Bromley, 1950: 235; Cole & Pritchard, 1960: 53; Hull, 1962 (2): 468; Martin & Wilcox, 1965: 396 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, lost.
- lynchi* Gemignani, 1930: 141. Type-locality: Argentina, Jujuy. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, MACN.
- flavicollis* Curran 1941: 272 (in key), *nomen nudum*.
- nitidula* Curran, 1941: 272 (in key), *nomen nudum*.

- vorax* Curran 1941: 272 (in key), 278. Type-locality: Peru, Lima. Refs. – Carrera & d'Andretta, 1953: 67 (allotype des.); Carrera & Machado-Allison, 1963: 247; Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, AMNH.
- lucida* Curran, 1941: 272 (in key), 278. Type-locality: Argentina, Posadas. Refs. – Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, AMNH.
- curiosa* Curran, 1941: 272 (in key), 279. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 34 (syn.). Type, AMNH.
- jemima* Curran, 1941: 272 (in key), 279. Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Artigas & Angulo, 1980: 34 (syn.). Type, AMNH.
- jemina* Martin & Papavero, 1970: 74 (cat.), error.
- barbipes** (Wiedemann), 1819: 48 (*Laphria*). Type-locality: “Brazil”. Neotype-locality: Bolivia, Beni, Rurrenabaque. Distr. – French Guiana, Ecuador (Napo, Oriente), Peru (Cuzco, Huánuco, Loreto), Brazil (Pará, Mato Grosso, Goiás, Bahia), Bolivia (Beni, Sara), Paraguay (Guairá), Argentina (Formosa, Salta, Tucumán). Refs. – Wiedemann, 1821: 239 (*Laphria*), 1824: 60 (*Asilus*), 1828: 481 (*Asilus*); Walker, 1855: 590 (*Trupanea*); Schiner, 1866: 688; Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 40, figs. 114-115, 121-122, 130; Fisher, 1984: 33; Artigas & Papavero, 1997c: 101. Type, lost. NT DZUC [des. by Artigas & Angulo, 1980: 41].
- semiviolacea* Rondani, 1848: 92. Refs. – Schiner, 1866: 711; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, MZUN.
- cilicrura* Rondani, 1850: 867. Type-locality: “Equatorial America”. Refs. – Osten Sacken, 1891: 420; Kertész, 1909: 210 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, MZUN.
- subviolacea* Rondani, 1850: 369, error.
- purpurea* Walker, 1850a: xcvi (*Trupanea*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Walker, 1855: 584; Williston, 1891: 83, 84 (*Promachus*); Kertész, 1909: 214 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 40 (syn.).
- auro mystacea* Macquart, 1855: 75 (1855: 55). Type-locality: “South America”. Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 209 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, lost.
- campestris* Curran, 1941: 270 (in key), 274. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, AMNH.
- dana* Curran, 1941: 270 (in key), 274. Type-locality: Peru, río Marañón. Refs. – Carrera & d'Andretta, 1953: 68; Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, AMNH.
- cora* Curran, 1941: 272 (in key), 280. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 40 (syn.). Type, AMNH.
- bassleri** Curran, 1941: 270 (in key), 273. Type-locality: Brazil, Amazonas, Tefé. Distr. – Peru (Huánuco), Brazil (Amazonas, Santa Catarina). Refs. – Bromley, 1946: 112 (cat.); Carrera & d'Andretta, 1953: 68; Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Lamas M., 1972: 313 (cat.); Artigas & Angulo, 1980: 43, figs. 122, 131; Artigas & Papavero, 1997c: 101. Type, AMNH.
- bellengeri** Farr, 1965: 26, figs. 11-12. Type-locality: Jamaica, St. Andrew, Long Mountain. Distr. – Jamaica. Refs. – Artigas & Angulo, 1980: 44, figs. 122, 132; Artigas & Papavero, 1997c: 101. Type, USNM.
- bellengeri* Martin & Papavero, 1970: 73 (cat.), error.
- bigotii** Lynch Arribálzaga, 1883a: 146. Type-locality: Uruguay, Montevideo. Neotype-locality: Argentina, Buenos Aires, Tigre. Distr. – Brazil (Santa Catarina), Uruguay, Argentina (Buenos Aires, Junín). Refs. – Lynch Arribálzaga, 1883b: 6; Williston, 1891: 82 (cat.); Osten Sacken, 1891: 419; Kertész, 1909: 210 (cat.); Brèthes, 1908: 287 (cat.); Kertész, 1909: 210 (cat.); Gemignani, 1930: 240; Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 46, figs. 81-82, 122, 133; Artigas & Papavero, 1997c: 101. Type, ? NT DZUC [des. by Artigas & Angulo, 1980: 46].
- soccata* Thomson of Lynch Arribálzaga, 1880: 256, misident. Ref. – Kertész, 1909: 210 (cat.).
- bomboides** (Wiedemann), 1821: 203 (*Asilus*). Type-locality: U. S. A., Georgia. Distr. – U. S. A. (Florida, Georgia, North Carolina, Pennsylvania), Mexico (Veracruz). Refs. – Wiedemann, 1828: 476 (*Asilus*); Macquart, 1834: 302, 1838: 89; Walker, 1849: 387 (*Asilus*), 1855: 576; Schiner, 1866: 687; Williston, 1885: 57; Coquillett, 1893c: 118; Aldrich, 1905: 278 (cat.); Kertész, 1905: 278 (cat.); Fattig, 1945: 26; Bromley, 1950: 228, 234; Brower, Brower & Westcott, 1960: 94 (mimic of *Bombus pensylvanicus* (De Geer, 1773) [as *Bombus americanorum* Fabricius, 1804], Hymenoptera, Apidae); Hull, 1962 (2): 468; Cole & Pritchard, 1964: 51; Martin & Wilcox, 1965: 396 (cat.); Artigas & Papavero, 1997c: 101. Type, BZM [no. 421; cf. Schumann, 1973: 93].
- trichostica* Williston, 1901: 320. Type-locality: Mexico, Veracruz, Atoyac. Refs. – Aldrich, 1905: 279 (cat.); Kertész, 1909: 215 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 48 (syn.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- rex* Bromley, 1925: 192. Lectotype-locality: U. S. A., South Carolina, Southern Pines. Refs. – Cresson Jr., 1926: 91 (Lectotype des.); Curran, 1930a: 12 (in key); Bromley, 1950: 235; Hull, 1962 (2): 468, fig. 2206, 2231; Cole & Pritchard, 1964: 51 (syn.); Martin & Wilcox, 1965: 397 (cat.); Artigas & Angulo, 1980: 48. Lectotype ANSP [des. by

Cresson Jr., 1926: 91].

chrysomela Bromley, 1925: 193. Type-locality: U. S. A., Georgia, Atlanta. Refs. – Cresson Jr., 1926: 91 (Lectotype des.); Curran, 1930a: 12 (in key); Fattig, 1945: 26; Hull, 1962 (2): 468; Cole & Pritchard, 1964: 51 (syn.); Martin & Wilcox, 1965: 396 (cat.); Artigas & Angulo, 1980: 48. Lectotype ANSP [des. by Cresson Jr., 1926: 91].

chrysomela Cresson Jr., 1926: 91, error.

calida (Fabricius), 1787: 358 (*Asilus*). Type-locality: “French Guiana, Cayenne (Rohr)” [cf. Papavero, 1971e: 20]. Neotype-locality: Bolivia, Cordillera, San Antonio. Distr. – Mexico (Veracruz), Colombia (Santander), Venezuela, Guyana, French Guiana, Peru (San Marytín), Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Goiás, Ceará, Rio Grande do Norte, Paraíba, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Beni, Cordillera, Sara), Paraguay (Guairá), Uruguay, Argentina (Chaco, Jujuy, Salta, Santa Fe, Santiago del Estero). Refs. – Olivier, 1789: 265 (*Asilus*); Gmelin, 1792: 2897 (*Asilus*); Fabricius, 1794: 380 (*Asilus*), 1805: 159 (*Laphria*); Wiedemann, 1821: 210 (*Asilus*), 1828: 482 (*Asilus*); Walker, 1855: 590 (*Trupanea*); Schiner, 1866: 688, 1867: 383; Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Bromley, 1934: 350; Carrera, 1960a: 162; Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 48, figs. 28, 38, 58-59, 122, 235; Artigas & Papavero, 1997c: 102. Type, KIEL (only indeterminable remains) [cf. Zimsen, 1964: 468]. NT DZUC [des. by Artigas & Angulo, 1980: 49].

nigritarsis Fabricius of Macquart, 1838: 86, misident.

albicincta Bromley, 1929b: 47. Type-locality: Mexico, Veracruz, Coatepec. Refs. – Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 49 (syn.). Type, USNM.

callida Curran, 1934a: 5 (in key), 1941: 271 (in key), error.

abana Curran, 1934a: 5 (in key), 7. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Curran, 1941: 271 (in key); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 49 (syn.). Type, AMNH.

clavitaris Curran, 1941: 271 (in key), 282. Type-locality: Peru, San Martín, Achinamiza. Refs. – Bromley, 1946: 112 (cat.); Carrera & d’Andretta, 1952: 257 (prey); Carrera, 1960a: 162; Carrera & Vulcano, 1961: 74 (prey); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 49 (syn.). Type, AMNH.

candens (Walker), 1851: 117 (*Trupanea*). Type-locality: “South America”. Refs. – Walker, 1855: 583; Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Papavero, 1997c: 105 (unrecogn.).

cingulata Artigas & Angulo, 1980: 53, figs. 2, 122, 136, 176. Type-locality: Peru, Pucallpa, río Ucayali. Distr. – Panama, Colombia, Peru. Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.

circumflava Artigas & Angulo, 1980: 54, figs. 86-89, 122, 137. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. – Brazil ((Rio de Janeiro, São Paulo, Santa Catarina). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.

clavipes Curran, 1941: 270, 271 (in key), 281. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Distr. – Panama, Venezuela (Bolívar), Guyana, French Guiana, Ecuador, Peru (Huánuco), Brazil (Amazonas, Pará, Amapá, Mato Grosso, Rio de Janeiro). Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 55, figs. 18, 30, 112-113, 116-117, 122, 139; Fisher, 1984: 33; Artigas & Papavero, 1997c: 102. Type, AMNH.

cortesi Artigas & Angulo, 1980: 57, figs. 122, 138, 175. Type-locality: Mexico, Sonora, Álamos, Estrella. Distr. – Mexico (Sonora). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.

cubana Artigas & Papavero, 1997c: 102 (*nom. nov.* for *macquarti* Rondani of Artigas & Angulo, 1980). Type-locality: Cuba, Soledad. Distr. – Cuba. Type, DZUC.

macquarti Rondani of Artigas & Angulo, 1980: 77, figs. 22, 31-32, 54-55, 122, 154. misident.

croscopa Artigas & Angulo, 1980: 58, figs. 23-24, 52-53, 122, 140. Type-locality: Paraguay, Guairá, Villarica. Distr. – Bolivia (Santa Cruz, Sara), Paraguay (Caaguazú, Guairá, Paraguari), Brazil (Mato Grosso, Goiás, Minas Gerais, Rio de Janeiro, Paraná, Rio Grande do Sul), Argentina (Chaco, Formosa, Tucumán). Type, DZUC.

umbrina Artigas & Angulo, 1980: 60, *nomen nudum*.

dureti Artigas & Angulo, 1980: 60, figs. 37, 83-85, 122, 141. Type-locality: Argentina, Salta, Orán. Distr. – Brazil (Rio Grande do Norte), Bolivia (Santa Cruz, Sara), Paraguay, Argentina (Catamarca, Córdoba, Formosa, La Rioja, Río Negro, Salta, Santa Fe, Santiago del Estero, Tucumán). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.

emiliae Carrera, 1960b: 48. Type-locality: Brazil, Paraná, Curitiba. Distr. – Brazil (Mato Grosso, Paraná, Santa Catarina, Rio Grande do Sul), Uruguay. Refs. – Carrera & Vulcano, 1961: 74 (preys); Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 63, figs. 60-61, 122, 142; Artigas & Papavero, 1997c: 102. Type, MZUSP.

fautrix Osten Sacken, 1887: 191, pl. 3, fig. 14. Type-locality: Mexico, Sinaloa, Presidio, near Mazatlán. Distr. – U. S. A. (Arizona, California, New Mexico, Texas, Utah), Mexico (Chihuahua, Morelos, Nayarit, Puebla, Sinaloa, Veracruz), French Guiana. Refs. – Coquillett, 1893c: 118; Cockerell, 1894: 173; Snow, 1896: 186; Williston, 1901: 320; Aldrich, 1905: 278 (cat.); Kertész, 1909: 211 (cat.); Hine, 1918: 5; Curran, 1930a: 12 (in key); Hull, 1962 (2): 469; Cole & Pritchard, 1964: 57; Martin & Papavero, 1970: 74 (cat.); Alcock, 1974: 68 (behaviour); Artigas & Angulo, 1980: 64, figs. 62-63, 122, 143; Artigas & Papavero, 1997c: 102; Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.

fautricoides Curran, 1930a: 14. Type-locality: U. S. A., California, San Diego. Refs. – Hull, 1962 (2): 468; Cole & Pritchard, 1964: 58 (as *fautrix* ssp.); Martin & Wilcox, 1965: 396 (cat.); Hogue, 1974: 100, fig.; Artigas & Angulo,

- 1980: 64 (syn.). Type, AMNH.
- bromleyi* Curran, 1930a: 13. Type-locality: U. S. A., Texas, Marathon. Refs. – Bromley, 1934: 104, 1935: 3; Hull, 1962 (2): 468, fig. 729, 1369; Cole & Pritchard, 1964: 59 (as *fautrix* ssp.); Martin & Wilcox, 1965: 396 (cat.); Artigas & Angulo, 1980: 64 (syn.). Type, AMNH.
- fritzi** Artigas & Angulo, 1980: 66, figs. 122, 144. Type-locality: Uruguay, Montevideo [Sello; cf. Papavero, 1971e: 71]. Distr. – Brazil (Rio Grande do Sul), Uruguay. Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.
- fulviventris** Macquart, 1850: 381 (1850: 77). Type-locality: “Mexico”. Distr. – U. S. A. (Utah), Mexico. Refs. – Schiner, 1866: 711; Loew in Osten Sacken, 1878: 77 (cat.); Osten Sacken, 1887: 191; Aldrich, 1905: 278 (cat.); Kertész, 1909: 211 (cat.); Brown, 1929: 313, pl. 30, figs. 42–45; Bromley, 1934a: 104, Bromley, 1935c: 3; Hull, 1962 (2): 468; Martin & Wilcox, 1965: 396 (cat.); Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 100; Artigas & Papavero, 1997: 105 (unrecog.); Artigas & Papavero, 1997c: 105 (as unrecognized). Papavero & Ibáñez Bernal, 2001: 86 (hist. Mexican dipterol.). ?TP MNHNP (a male; Macquart says female!).
- ?*fulvianalis* Macquart, 1850: 382 (1850: 78). Type-locality: “Mexico”. Refs. – Schiner, 1866: 711; Loew in Osten Sacken, 1878: 78 (cat.); Osten Sacken, 1887: 191; Aldrich, 1905: 278 (cat.); Kertész, 1909: 211 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 100; Papavero & Ibáñez Bernal, 2001: 86 (hist. Mexican dipterol.). Type, MNHNP.
- gracipes** Artigas & Angulo, 1980: 66, figs. 33, 122, 145, 176. Type-locality: Brazil, Santa Catarina, Caúna. Distr. – Brazil (Santa Catarina, Rio Grande do Sul). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.
- hemivitre**a Artigas & Angulo, 1980: 68, figs. 122, 146. Type-locality: Brazil, Espírito Santo, Viana. Distr. – Brazil (Espírito Santo). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.
- inca** Curran, 1941: 270 (in key), 273. Type-locality: Peru, río Santiago. Distr. – Colombia, Peru, Brazil (Mato Grosso, Paraná), Paraguay. Refs. – Carrera & d’Andretta, 1953: 88; Hull, 1962 (2): 469; Lamas M., 1972: 314 (cat.); Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 68, figs. 122, 147; Artigas & Papavero, 1997c: 102. Type, AMNH.
- incanipes** Artigas & Angulo, 1980: 69, figs. 122, 148. Type-locality: Brazil, Amazonas, Tabatinga. Distr. – Peru, Brazil (Amazonas). Refs. – Fisher, 1984: 33; Artigas & Papavero, 1997c: 102. Type, DZUC.
- infernalis** (Wiedemann), 1821: 202, 244 (*Asilus*). Type-locality: “Brazil”. Neotype-locality: Brazil, Rio de Janeiro, Nova Friburgo. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo), Argentina (Misiones). Refs. – Wiedemann, 1828: 475, pl. 6, fig. 7 (*Asilus*); Perty, 1833: 181, pl. 36, fig. 5 (*Asilus*); Macquart, 1834: 301, pl. 7, fig. 7; Walker, 1849: 387 (*Asilus*), 1855: 579; Bellardi, 1861: 21; Schiner, 1866: 687; Wulp, 1882b: 106; Osten Sacken, 1887: 189; Williston, 1891: 82 (cat.); Kertész, 1909: 211 (cat.); Curran, 1934a: 5 (in key), 1941: 270 (in key); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 468, fig. 194; Martin & Papavero, 1970: 74 (cat.); Artigas & Papavero, 1997c: 102. Type, lost. NT DZUC [des. by Artigas & Angulo, 1980: 70].
- leschenaulti** Macquart, 1838: 86 (1839: 202). Type-locality: French Guiana, La Mana river (as Lamana). Distr. – Mexico (Chihuahua, Colima, Guanajuato, Guerrero, Jalisco, Morelos, Nuevo León, Oaxaca, Tamaulipas, Veracruz), Venezuela, Trinidad-Tobago, Guyana, Surinam, French Guiana, Ecuador, Peru, Brazil (Pará, Mato Grosso, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, Rio Grande do Sul), Paraguay, Argentina (Córdoba, Jujuy, Misiones). Refs. – Walker, 1855: 580; Schiner, 1866: 711; Williston, 1891: 83 (cat.); Kertész, 1909: 212 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 72, figs. 36, 50–51, 122, 153; Artigas & Papavero, 1997c: 102. Type, MNHNP.
- breviventris* Macquart, 1850: 381 (1850: 70), pl. 7, figs. 7, 7a. Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro). Refs. – Schiner, 1866: 711; Williston, 1891: 82 (cat.), 1901: 321; Aldrich, 1905: 210 (cat.); Kertész, 1909: 210 (cat.); Curran, 1934a: 5 (in key), 1941: 270 (in key); Bromley, 1946: 112 (cat.); Carrera, 1960a: 163; Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 72 (syn.). Type, MNHNP.
- belzebul* Schiner, 1866: 711 (*nomen nudum*), 1867: 385. Type-locality: “Brazil”. Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Bromley, 1934a: 104, 1946a: 112 (cat.); Hull, 1962 (2): 468; Cole & Pritchard, 1964: 60; Martin, 1965a: 34; Martin & Wilcox, 1965: 396 (cat.); Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 72 (syn.). Type, NMW.
- zottai* Gemignani, 1930: 141. Type-locality: Argentina, Jujuy. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 72 (syn.). Type, MACN.
- speciosa* Curran, 1934: 1. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Bromley, 1934b: 349; Curran, 1934a: 5 (in key), 1941: 270 (in key); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 72 (syn.). Type, AMNH.
- leucopyga** Artigas & Angulo, 1980: 74, figs. 122, 150. Type-locality: Mexico, Guerrero, Acapulco. Distr. – Mexico (Guerrero). Ref. – Artigas & Papavero, 1997c: 102. Type, DZUC.
- leucothrica** Carrera & d’Andretta, 1953: 66. Type-locality: Peru, Lima. Distr. – Panama, Peru. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 74, figs. 19, 26, 40, 122, 151; Artigas & Papavero, 1997c: 102. Type, MZUSP.
- lugubris** Lynch Arribálzaga, 1880: 252. Type-locality: Argentina, Formosa. Distr. – Brazil (Mato Grosso, Mato Grosso do Sul, São Paulo), Bolivia (Santa Cruz, Yungas), Paraguay (Guairá), Argentina (Formosa, Jujuy). Refs. – Lynch Arribálzaga, 1883a: 146 (cat.); Williston, 1891: 83 (cat.); Brèthes, 1908: 187 (cat.); Kertész, 1909: 212 (cat.); Gemignani, 1930: 142; Curran, 1934a: 4 (in key), 272 (in key); Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 75, figs. 71–74, 122, 152; Artigas & Papavero, 1997c: 103. Type, MACN.

- macquarti** Rondani, 1850b: 367. Type-locality: “Equatorial America”. Distr. – Cuba, Brazil. Refs. – Loew *in* Osten Sacken, 1878: 78, 233 (cat.; note), 1891: 420; Kertész, 1909: 212; Bromley, 1929: 187; Curran, 1930a: 12 (in key); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; misident. ?); Artigas & Papavero, 1997c: 105 (as unrecognized). Type, MZUN.
- scopifera* Wiedemann of Macquart, 1838: 89 (1839: 205) (Cuba), Walker, 1855: 577; Rondani, 1850: 367, Bigot, 1857: 790; Jaennicke, 1867: 362; misident. Refs. – Martin & Papavero, 1970: 75 (cat.), Artigas & Angulo, 1980: 77.
- media** Clements & Bennett, 1969: 455 (also descr. of pupa). Type-locality: Trinidad, Curepe. Distr. – Trinidad-Tobago. Refs. – Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 79, figs. 122, 155; Artigas & Papavero, 1997c: 103. Type, BMNH.
- minos** (Wiedemann), 1824: 478 (*Asilus*). Type-locality: Uruguay, Montevideo. Distr. – Mexico (Distrito Federal, Jalisco, Nayarit, Oaxaca, Tabasco, Veracruz), Belize, Guatemala, El Salvador, Panama, Colombia, Venezuela, Trinidad-Tobago, Ecuador, Peru, Brazil (São Paulo), Uruguay. Refs. – Wiedemann, 1828: 478 (*Asilus*); Walker, 1855: 579; Schiner, 1866: 688; Wulp, 1882b: 106; Williston, 1891: 83 (cat.); Brèthes, 1908: 287 (cat.); Kertész, 1909: 212; Gemignani, 1930: 144; Curran, 1934a: 4 (in key), 1941: 272 (in key); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75; Artigas & Angulo, 1980: 80, figs. 29, 90-91, 122, 156; Fisher, 1984: 33; Artigas & Papavero, 1997c: 103.
- craverii* Bellardi, 1861: 122 (22). Type-locality: Mexico, surroundings of Mexico City, and Oaxaca. Refs. – Schiner, 1866: 711; Osten Sacken, 1887: 191; Williston, 1901: 320; Aldrich, 1905: 278 (cat.); Kertész, 1909: 211 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 80 (syn.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- pulchella* Curran, 1925a: 260. Type-locality: Colombia, Cauca. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 80 (syn.). Type, ANSP.
- schwarzi* Curran, 1934a: 4 (in key), 5. Type-locality: Panama, Canal Zone, Barro Colorado Island. Refs. – Curran, 1941: 271, 272 (in key); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 80 (syn.); Shelly & Weinberger, 1981: 380 (courtship and diet). Type, AMNH.
- tolteca* Curran, 1941: 272 (in key), 277. Type-locality: “Belize” (as British Honduras). Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 80 (syn.). Type, AMNH.
- pipiens* Curran, 1941: 272 (in key), 277. Type-locality: “Surinam”. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 80 (syn.). Type, AMNH.
- nigrifemorata** Macquart, 1838: 90 (1839: 206). Type-locality: “?Brazil”. Distr. – Panama, Colombia, Guyana, Surinam, Ecuador, Brasil (Amazonas, Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Buenos Aires). Refs. – Walker, 1855: 582; Williston, 1891: 83 cat.; Kertész, 1909: 213 (cat.); Hull, 1962 (2): 469 (as ?syn. of *nigritarsis* Fabricius, 1805); Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 82, figs. 64-66, 122, 157; Artigas & Papavero, 1997c: 103. Type, MNHNP.
- tibialis* Macquart, 1846: 77, pl. 8, fig. 3 (preocc. Macquart, 1838). Type-locality: “Guyana”. Refs. – Walker, 1855: 580; Carrera & d’Andretta, 1953: 68.
- cruralis* Rondani, 1863: 46 (*nom. nov.* for *tibialis* Macquart, 1846). Type-locality: “Guyana”. Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 211 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 82 (syn.). Type, MZUN.
- ada* Curran, 1941: 171 (in key), 184. Type-locality: Brazil, Rio de Janeiro. Refs. – Bromley, 1946: 112 (cat.); Carrera, 1960a: 162; Carrera & Vulcano, 1961: 74 (preys); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 82 (syn.). Type, AMNH.
- geijskesi* Curran, 1942: 58. Type-locality: Surinam, Brownsberg. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 82 (syn.). Type, AMNH.
- fairchildi* Curran, 1942: 58. Type-locality: Panama, Coclé, El Valle. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 82 (syn.). Type, AMNH.
- nigritarsis** (Fabricius), 1805: 168 (*Dasygogon*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Cuba, Panama, Colombia, Venezuela (Bolívar, Carabobo), Guyana, Surinam, French Guiana, Trinidad-Tobago, Peru (Loreto), Ecuador (Los Ríos, Oriente), Brazil (Amazonas, Pará, Mato Grosso, Pernambuco, Minas Gerais, Santa Catarina), Bolivia (Beni, Sara), Paraguay, Argentina (Salta, Tucumán). Refs. – Wiedemann, 1821: 208 (*Asilus*), 1828: 479 (*Asilus*); Macquart, 1838: 86; Walker, 1849: 389, 1855: 582; Schiner, 1866: 688, 1867: 386; Wulp, 1882a: 77, 1882b: 107; Williston, 1891: 83 (cat.); Kertész, 1909: 213 (cat.); Bromley, 1934b: 350; Curran, 1934a: 5 (in key), 1941: 271 (in key); Carrera, 1945a: 160 (preys); Bromley, 1946: 113 (cat.); Carrera, 1947d: 270 (preys); Carrera & d’Andretta, 1952: 237 (preys); Carrera, 1960a: 162; Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 85, figs. 69-70, 122, 158; Artigas & Papavero, 1997c: 103. Type, COPN [cf. Zimsen, 1964: 470. [NT from Bolivia, Chapare, 400 m DZUC, des. by Artigas & Angulo, 1980: 85, invalid].
- cinerascens* Walker, 1855: 581. Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Schiner, 1866: 711; Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 85 (syn.).
- socculata* Rondani, 1848: 93. Type-locality: “Brazil” [i. e., Belém, Pará; cf. Papavero, 1973d: 342]. Refs. – Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.). Type, MZUN.

- bruneri* Bromley, 1929a: 287. Type-locality: Cuba, Sierra Rangel, Pinar del Río. Refs. – Curran, 1930a: 12 (in key); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 85 (syn.); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.). Type, USNM.
- fusca* Bromley, 1934b: 350. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Curran, 1934a: 5 (in key), 1941: 271 (in key); Carrera, 1960a: 162; Hull, 1962 (2): 469; Carrera & Machado-Allison, 1963: 247; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 85 (syn.). Type, AMNH.
- orcina** (Wiedemann), 1828: 477 (*Asilus*). Type-locality: “U. S. A., Savannah”. Distr. – U. S. A. (Alabama, Arizona, Florida, Georgia, Indiana, North Carolina, Oklahoma, South Carolina, Texas), Mexico (Hidalgo, Puebla, Sonora). Refs. – Walker, 1855: 576; Schiner, 1866: 687, 1868: 711; Loew *in* Osten Sacken, 1878: 78 (cat.); Williston, 1885: 58; Aldrich, 1905: 279 (cat.); Kertész, 1909: 213 (cat.); Dozier, 1920: 371; Curran, 1930a: 12 (in key); Bromley, 1931c: 12; Fattig, 1933: 119 (feeding); Bromley, 1934: 104; Fattig, 1945: 27; Bromley, 1947: 68, 1950a: 231, 1950b: 234; Goslin, 1950: 305; Cole & Pritchard, 1960: 54; Hull, 1962 (2): 468, figs. 2429, 2431; Martin & Wilcox, 1965: 396 (cat.); Artigas & Angulo, 1980: 88, figs. 104-105, 122, 159; Alayo Dalmau & Garcia Ávila, 1983: 50 (cat.); Bambara, 1983: 143; Artigas & Papavero, 1997c: 103.
- ciliata* Walker, 1851: 114. Type-locality: unknown. Refs. – Walker, 1855: 581; Schiner, 1866: 710; Williston, 1891: 82 (cat.); Kertész, 1909: 210 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 88 (syn.).
- fulva* Banks, 1911: 130. Type-locality: U. S. A., Arizona. Refs. – Curran, 1930a: 12 (in key); Hull, 1962 (2): 468; Cole & Pritchard, 1964: 55; Martin & Wilcox, 1965: 396 (cat.); Artigas & Angulo, 1980: 88 (syn.). Type, ?
- papaveroi** Artigas & Angulo, 1980: 90, figs. 3, 96-99, 122, 160. Type-locality: Brazil, Amazonas, rio Urupadi. Distr. – Brazil (Acre, Amazonas, Pará, Mato Grosso, Minas Gerais, Tocantins). Ref. – Artigas & Papavero, 1997c: 103. Type, DZUC.
- parasyveirii** Artigas & Angulo, 1980: 91, figs. 77-78, 122, 161. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Ref. – Artigas & Papavero, 1997c: 103. Type, DZUC.
- pica** Macquart, 1850: 382 (1850: 78). Type-locality: “Mexico”. Distr. – Bolivia (Sara), Uruguay, Argentina (Buenos Aires, Córdoba, San Luis). Refs. – Schiner, 1866: 711; Osten Sacken, 1887: 191; Snow, 1896: 186; Aldrich, 1905: 279 (cat.); Kertész, 1909: 213 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 92, figs. 106-107, 122, 162 [No specimens seen from Mexico; probably misident.]; Ref. – Artigas & Papavero, 1997c: 103; Papavero & Ibáñez Bernal, 2001: 86 (hist. Mexican dipterol.). Type, MNHNP.
- ?bergii* Lynch Arribálzaga, 1880: 257. Type-locality: “Uruguay”. Refs. – Lynch Arribálzaga, 1883a: 146 (cat.), 1883b: 10; Williston, 1891: 82 (cat.); Osten Sacken, 1891: 419; Brèthes, 1908: 287; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 93 (syn.).
- pluto** (Wiedemann), 1828: 477 (*Asilus*). Type-locality: “Brazil”. Neotype-locality: Argentina, Sierra Córdoba. Distr. – Colombia, Brazil (Goiás, Paraná, Santa Catarina, Rio Grande do Sul), Uruguay, Argentina (Chaco, Córdoba, La Rioja, Misiones, Salta, Santa Fe, Tucumán). Refs. – Walker, 1849: 387 (*Asilus*), 1855: 579; Schiner, 1866: 688, 1868: 176; Wulp, 1882b: 106; Lynch Arribálzaga, 1882b: 142, 1883b: 5; Osten Sacken, 1887: 190; Williston, 1891: 83 (cat.); Aldrich, 1905: 279 (cat.); Kertész, 1909: 214 (cat.); Curran, 1934a: 4 (in key), 271 (footnote); Carrera, 1945a: 162 (prey); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 94, figs. 27, 39, 45-46, 49, 122, 163; Ref. – Artigas & Papavero, 1997c: 103. Type, ? NT DZUC [des. by Artigas & Angulo, 1980: 94].
- vegeta* Lynch Arribálzaga, 1882b: 140. Type-locality: Argentina, Santa Fe. Refs. – Osten Sacken, 1891: 420; Kertész, 1909: 216 (cat.); Engel, 1930: 457; Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 94 (syn.). Type, MACN.
- copelloi* Gemignani, 1930: 138. Type-locality: Argentina, La Rioja. Refs. – Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 94 (syn.). Type, MACN.
- pusilla** Macquart, 1838: 88 (1839: 204). Type-locality: “Brazil, Rio Grande do Sul, eastern part (as : Capitainerie de Rio Grande)”. Refs. – Walker, 1855: 582; Williston, 1891: 83 (cat.); Kertész, 1909: 214 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Papavero, 1997c: 105 (as unrecognized). [Species ignored by Artigas & Angulo, 1980].
- robusta** (Wiedemann), 1828: 478 (*Asilus*). Type-locality: unknown. Neotype-locality: Brazil, São Paulo, Boa Esperança do Sul (Fazenda Itaquerê). Distr. – Mexico (Veracruz), Guadeloupe, Venezuela, Guyana, Surinam, French Guiana, Peru, Ecuador, Brazil (Amazonas, Pará, Mato Grosso, Goiás, Rio de Janeiro, São Paulo), Bolivia (Beni, Santa Cruz, Sara, Yungas), Paraguay, Argentina (Chaco, Jujuy). Refs. – Macquart, 1846: 78; Walker, 1855: 580; Schiner, 1866: 688; Loew *in* Osten Sacken, 1878: 78 (cat.); Wulp, 1882b: 106; Lynch Arribálzaga, 1882b: 142; Wulp, 1882b: 106; Osten Sacken, 1887: 191; Williston, 1891: 83 (cat.); Aldrich, 1905: 279 (cat.); Kertész, 1909: 214 (cat.); Bromley, 1934b: 351; Curran, 1934a: 4 (in key), 1941: 272 (in key); Carrera, 1945a: 161 (preys); Bromley, 1946: 113 (cat.); Carrera, 1960a: 163; Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 96, figs. 47-48, 122, 164, 175; Fisher, 1984: 33; Artigas & Papavero, 1997c: 103. Type, ? NT DZUC [des. by Artigas & Angulo, 1980: 97].
- tisiphones* Rondani, 1848: 94. Type-locality: “Brazil” [i. e., Pará, Belém; cf. Papavero, 1973d: 342]. Refs. – Rondani, 1863: 47; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.). Type, MZUN.
- alecto* Rondani, 1848: 94. Type-locality: “Brazil” [i. e., Pará, Belém; cf. Papavero, 1973d: 342]. Refs. – Schiner, 1866: 711; Williston, 1891: 82 (cat.); Kertész, 1909: 209 (cat.); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 209 (cat.). Artigas & Angulo, 1980: 97 (syn.). Artigas & Angulo, 1980: 97 (syn.). Type, MZUN.

- lampon* Walker, 1849: 388 (*Asilus*). Type-locality: unknown. Refs. – Walker, 1855: 582; Schiner, 1866: 711; Williston, 1891: 82 (cat.); Kertész, 1909: 212 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 97 (syn.).
- hirtiventris* Macquart, 1850: 383 (1850: 79), pl. 8, fig. 1 (*Trupanea*). Type-locality: “Bolivia (d’Orbigny)” [cf. Papavero, 1973d: 139-141]. Refs. – Williston, 1891: 84 (cat.); Kertész, 1909: 221 (cat.); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (*Promachus*); Artigas & Angulo, 1980: 97 (syn.). Type, MNHNP.
- rufipes* Macquart, 1850: 380 (1850: 76). Type-locality: “Brazil”. Refs. – Schiner, 1866: 711; Williston, 1891: 83 (cat.); Curran, 1941: 272 (in key); Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 97 (syn.). Type, OXF.
- tissiphones* Schiner, 1866: 711, error.
- dallasi* Gemignani, 1931: 265. Type-locality: Argentina, Chaco, Formosa. Refs. – Hull, 1962 (2): 468; Carrera & Machado-Allison, 1963: 247 (?misident.); Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 97 (syn.). Type, ?MACN.
- aria* Curran, 1941: 272 (in key), 276. Type-locality: Peru, río Santiago. Refs. – Carrera & d’Andretta, 1953: 67; Carrera, 1960a: 163; Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Lamas M., 1972: 314; Artigas & Angulo, 1980: 97 (syn.). Type, AMNH.
- aleto* Martin & Papavero, 1970: 72 (cat.), error.
- hertiventris* Artigas & Angulo, 1980: 97, error.
- ruficauda** (Wiedemann), 1828: 476 (*Asilus*). Type-locality: Uruguay, Montevideo. Neotype-locality: Argentina, Buenos Aires, Devoto. Distr. – Mexico (Guerrero, Yucatán), Brazil (Amapá, Paraná, Santa Catarina, Rio Grande do Sul), Paraguay, Uruguay, Argentina (Buenos Aires, Córdoba, Entre Ríos, Jujuy, Santa Fe, Tucumán). Refs. – Walker, 1855: 580; Schiner, 1866: 687, 1867: 386; Lynch Arribálzaga, 1880: 230; Wulp, 1882b: 106; Lynch Arribálzaga, 1882b: 140, 1883a: 146 (cat.); Williston, 1891: 83 (cat.); Brèthes, 1908: 288 (cat.); Kertész, 1909: 214 (cat.); Copello, 1922: 1 (biol.), 1927: 699 (biol.); Bromley, 1929a: 287; Gemignani, 1930: 136; Curran, 1934a: 5 (in key), 1941: 270 (in key); Copello, 1942; Carrera, 1960b: 48; Hull, 1962 (2): 469; Remedi de Gavotto, 1964: 151 (larvae preying upon *Cyclocephala signaticollis* Burmeister, 1847 (Coleoptera, Scarabaeidae)); Crouzel, 1965 (biol.); Martin & Papavero, 1970: 75 (cat.); Naveiro, 1975 (biol.); Tricca & Trujillo Cenóz, 1980: 627 (sexual behavior); Rabinovich & Corley, 1997 (biol.); Rabinovich, Quiroga & Castelo, 1997 (biol.); Artigas & Angulo, 1980: 100; Tricca & Trujillo-Cenóz, 1980 (biol.); Dennis & Knutson, 1988: 858, 861, figs. 4A-C, 8 (pupa in ventral, lateral and dorsal views; host: *Cyclocephala signaticollis* Burmeister, 1857 (Coleoptera, Scarabaeidae)); De Santis, 1989: 16 (biol.); De Santis & Cornejo, 1990 (biol.); Artigas & Papavero, 1997c: 104; Marcangeli, 1998 (biol.); Castelo & Capurro, 2000 (biol.); Castelo, 2001a, 2001b (biol.); Castelo & Capurro, 2000 (biol.); Castelo, 2002a, 2002b, 2004a (biol.); Castelo & Corley, 2004a, 2004b (biol.); Castelo & Lazzari, 2004 (biol.); Castelo, Ney-Nifle, Corley & Bernsatein, 2006 (biol.). Type, ? NT DZUC [des. by Artigas & Angulo, 1980: 100].
- pyrura* Rondani, 1868: 47. Type-locality: unknown. Refs. – Osten Sacken, 1891: 420; Kertész, 1909: 214 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 100 (syn.). Type, MZUN.
- soccata* Thomson, 1869: 467. Type-locality: Argentina, Buenos Aires. Refs. – Lynch Arribálzaga, 1883a: 146 (cat.); Hull, 1962 (2): 469; Artigas & Angulo, 1980: 100 (syn.).
- rufiventris** Macquart, 1838: 91 (1839: 207). Type-locality: unknown. Distr. – Colombia, French Guiana, Brazil (Pernambuco, Mato Grosso, Goiás, São Paulo, Paraná, Santa Catarina), Bolivia (Sara), Paraguay, Argentina (Formosa, Misiones, Salta, Tucumán). Refs. – Walker, 1855: 580; Schiner, 1866: 711; Lynch Arribálzaga, 1882b: 143; Williston, 1891: 83 (cat.); Kertész, 1909: 214 (cat.); Curran, 1934a: 5 (in key), 1941: 270 (in key); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 184; Artigas & Papavero, 1997c: 104. Type, MNHNP.
- ?*nigriventris* Jaenicke, 1867: 361. Type-locality: “Paraguay”. Refs. – Lynch Arribálzaga, 1880: 254, 1882b: 143, 1883a: 119 (cat.); Williston, 1891: 83 (cat.); Brèthes, 1908: 287 (cat.); Kertész, 1909: 213 (cat.); Gemignani, 1930: 143; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 104 (type given as “lost”, error). Type, SENCK [cf. Geller-Grimm, 1999: 212; several differences found in relation to *rufiventris* Macquart, 1838].
- scopifera** (Wiedemann), 1828: 487 (*Asilus*). Type-locality: “Brazil”. Distr. – Brazil (Minas Gerais, Paraná, Santa Catarina). Refs. – Walker, 1855: 577; Schiner, 1866: 688; Jaenicke, 1867: 362; Schiner, 1868: 176; Osten Sacken, 1878: 78, 233 (cat.); Lynch Arribálzaga, 1883b: 9; Williston, 1891: 83 (cat.); Brèthes, 1908: 214 (cat.); Kertész, 1909: 215 (cat.); Engel, 1930: 458; Curran, 1941: 270 (in key); Bromley, 1946: 113 (cat.); Carrera, 1947a: 45, 1960a: 161; Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 106, figs. 34, 38, 108-109, 122, 167; Artigas & Papavero, 1997c: 104. Syntypes, BZM [no. 478; cf. Schumann, 1973: 156].
- scopipeda** Rondani, 1863: 46. Type-locality: “Brazil”. Refs. – Lynch Arribálzaga, 1883b: 9; Williston, 1891: 83 (cat.); Aldrich, 1905: 279 (cat.); Artigas & Angulo, 1980: 72; Artigas & Papavero, 1997c: 105 (as unrecognized). Type, MZUN.
- scopitarsis** Rondani, 1863: 46. Type-locality: Brazil, Pará, Belém. Refs. – Lynch Arribálzaga, 1883: 9; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 72 (syn.); Artigas & Papavero, 1997c: 105 (as unrecognized). Type, MZUN.
- singularis** Macquart, 1838: 87 (1839: 203), pl. 8, fig. 4. Type-locality: Brazil, Paraná, Guaratuba. Refs. – Walker, 1855: 582; Schiner, 1867: 387; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Papavero, 1997c: 105 (as unrecognized). [Species ignored by Artigas & Angulo, 1980]. Type, lost.
- sylveirii** Macquart, 1838: 86 (1839: 202). Type-locality: “Brazil” [probably Rio de Janeiro, Rio de Janeiro; cf. Papavero,

- 1973d: 144-147]. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul), Bolivia (Sara, Yungas), Paraguay, Uruguay, Argentina (Chaco, Formosa, Misiones). Refs. – Walker, 1855: 581; Schiner, 1866: 711; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 107, figs. 67-68, 122, 168; Dennis & Knutson, 1988: 856, figs. 3A-C (pupa in dorsal, lateral and ventral views; *Dyscinetus rugifrons* (Burmeister, 1847) (Coleoptera, Scarabaeidae, Dynastinae)); Artigas & Papavero, 1997c: 104. Type, MNHNP (headless).
- geniculata* Macquart, 1838: 87 (1839: 203). Type-locality: Brazil, Rio Grande do Sul, São Leopoldo. Refs. – Walker, 1855: 582; Schiner, 1866: 711, 1867: 384; Williston, 1891: 82 (cat.); Kertész, 1909: 211 (cat.); Bromley, 1946: 113 (cat.); Hull, 1962 (2): 469; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, MNHNP.
- opposita* Walker, 1851: 112. Type-locality: “Brazil”. Refs. – Walker, 1855: 581; Schiner, 1867: 385; Williston, 1891: 83 (cat.); Kertész, 1909: 2134 (cat.); Carrera, 1945a: 160, fig. 1 (preys); Bromley, 1946: 113, pl. 5, fig. 1 (cat.); Carrera & d’Andretta, 1952: 257 (preys); Carrera, 1958a: 149, 1960a: 163; Carrera & Vulcano, 1961: 72 (preys); Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 107 (syn.).
- contraria* Walker, 1851: 113. Type-locality: “South America”. Refs. – Walker, 1855: 579; Schiner, 1866: 711; Williston, 1891: 82 (cat.); Kertész, 1909: 211 (cat.); Curran, 1941: 272 (in key); Carrera, 1945a: 161 (preys), 1947d: 270 (preys); Carrera & d’Andretta, 1952: 257 (preys); Carrera, 1960a: 163; Carrera & Vulcano, 1961: 73 (preys); Hull, 1962 (2): 468; Martin & Papavero, 1970: 73 (cat.); Artigas & Angulo, 1980: 107 (syn.).
- affinis* Schiner, 1866: 711 (*nomen nudum*), 1868: 176. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Refs. – Williston, 1891: 82 (cat.); Kertész, 1909: 209 (cat.); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, NMW.
- scutellaris* Lynch Arribálzaga, 1880: 254. Type-locality: Argentina, Misiones. Refs. – Lynch Arribálzaga, 1882b: 143, 1883a: 121 (cat.); Williston, 1891: 83 (cat.); Brèthes, 1908: 288 (cat.); Kertész, 1909: 215 (cat.); Gemignani, 1930: 138; Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, ?MACN.
- antica* Curran, 1934a: 5 (in key), 6. Type-locality: Brazil, São Paulo. Refs. – Curran, 1941: 270 (in key); Bromley, 1946: 112 (cat.); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, AMNH.
- sexualis* Curran, 1934c: 331. Type-locality: Brazil, São Paulo, Campos do Jordão. Refs. – Curran, 1941: 270 (in key); Bromley, 1946: 113 (cat.); Carrera & Vulcano, 1961: 72 (preys); Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, AMNH.
- ajax* Curran, 1941: 270 (in key), 275. Type-locality: “Brazil”. Refs. – Bromley, 1946: 112 (cat.); Carrera, 1947d: 270 (preys); Carrera & Vulcano, 1961: 73 (preys); Hull, 1962 (2): 468; Martin & Papavero, 1970: 72 (cat.); Artigas & Angulo, 1980: 107 (syn.). Type, AMNH.
- tertiavitrea** Artigas & Angulo, 1980: 117, figs. 122, 169. Type-locality: Brazil, Mato Grosso, Cuiabá. Distr. – Brazil (Mato Grosso, Minas Gerais). Ref. – Artigas & Papavero, 1997c: 104. Type, DZUC.
- thompsoni** Artigas & Angulo, 1980: 118, figs. 1, 122, 170. Type-locality: Paraguay, P. G. Lageado, Voarido [?]. Distr. – Paraguay. Ref. – Artigas & Papavero, 1997c: 104. Type, DZUC.
- tibialis** Macquart, 1838: 85 (1939: 201). Type-locality: Brazil, Pará, surroundings of Belém; French Guiana, “dans les grands bois aux bords de l’Oyapock”, and Cayenne. Distr. – Colombia, Venezuela, Guyana, Surinam, French Guiana, Peru (Loreto), Brazil (Amazonas, Pará), Bolivia (Sara), Argentina (La Rioja). Refs. – Rondani, 1848: 93; Walker, 1849: 387 (*Asilus*); Schiner, 1866: 711; Wulp, 1882b: 107; Williston, 1891: 83 (cat.); Kertész, 1909: 215 (cat.); Curran, 1934a: 4 (in key), 1941: 271 (in key); Bromley, 1946: 113 (cat.); Carrera & d’Andretta, 1953: 68; Carrera, 1960a: 164; Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 118, figs. 21, 35, 110-111, 118-120, 122, 171, 175; Artigas & Papavero, 1997c: 104. Syntypes, MNHNP.
- fascipennis* Macquart, 1850: 379 (1850: 75). Type-locality: “Brazil”. Refs. – Williston, 1891: 82 (cat.); Carrera, 1960a: 164; Martin & Papavero, 1970: 74 (cat.); Artigas & Angulo, 1980: 118 (syn.). Type, lost.
- fasciata* Walker, 1851: 112. Type-locality: Brazil, Pará [i. e., Pará, Belém]. Ref. – Walker, 1855: 583; Schiner, 1866: 711; Williston, 1891: 82 (cat.); Martin & Papavero, 1970: 76 (cat.); Artigas & Angulo, 1980: 118 (syn.).
- tsacasi** Artigas & Angulo, 1980: 121, figs. 122, 172. Type-locality: “Mexico, Púrpús [sic]” [Karl August Purpus was the collector, not a locality; cf. Sousa Sánchez, 1969]. Distr. – Mexico, ?Bolivia. Ref. – Artigas & Papavero, 1997c: 104. Type, DZUC.
- wilhelmi** Artigas & Angulo, 1980: 121, figs. 122, 173. Type-locality: México, Veracruz, Cotaxtla, Estación Experimental de Cotaxtla. Distr. – Mexico (Veracruz). Ref. – Artigas & Papavero, 1997c: 104. Type, DZUC.
- zita** Curran, 1941: 270, 271 (in key), 282. Type-locality: Peru, Achinamiza. Distr. – México (Nuevo León), Panama, Venezuela, Peru, Surinam, French Guiana, Ecuador, Brazil (Roraima, Amazonas, Pará, Minas Gerais, São Paulo), Bolivia (Beni), Paraguay, Uruguay, Argentina (Chaco). Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 76 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 122, figs. 79-80, 122, 174; Artigas & Papavero, 1997c: 104. Type, AMNH.
- neta* Curran, 1941: 271 (in key), 283. Type-locality: Peru, río Santiago. Refs. – Carrera, 1960a: 162; Hull, 1962 (2): 469; Carrera & Machado-Allison, 1963: 246; Martin & Papavero, 1970: 75 (cat.); Lamas M., 1972: 314 (cat.); Artigas & Angulo, 1980: 122 (syn.). Type, AMNH.
- mexicana* Carrera & d’Andretta, 1950: 167. Type-locality: Mexico, Nuevo León, Villa Santiago. Refs. – Hull, 1962 (2): 469; Martin & Papavero, 1970: 75 (cat.); Artigas & Angulo, 1980: 122 (syn.). Type, FMNH.

Genus **Megaphorus** Bigot, 1857

- Megaphorus** Bigot, 1857b: 542. Type-species, *Mallophora heteroptera* Macquart, 1838 (orig. des.) = *laphroides* (Wiedemann, 1828).
- Mallophorina* Curran, 1934c: 183. Type-species, *Mallophora guildiana* Williston, 1885 (orig. des.).
- acrus** (Curran), 1931b: 21 (*Mallophora*). Type-locality: U. S. A., Oklahoma, Woods County. Distr. – U. S. A. (Oklahoma, Texas, Kansas, New Mexico, Arizona), Mexico (Coahuila). Refs. – Baker, 1939: 168 (*Mallophora (Mallophorina)*); Hull, 1962 (2): 468 [*Mallophora*], 469 (*Mallophora (Megaphorus)*); Cole & Pritchard, 1964: 79 (*Mallophorina*); Martin & Wilcox, 1965: 397 (cat.; *Mallophorina*).
- durangoensis** (Cole) in Cole & Pritchard, 1964: 82 (*Mallophorina*). Type-locality: Mexico, Durango, 23 miles northeasty of Durango, 6300 ft. Distr. – Mexico (Durango). Refs. – Martin & Papavero, 1970: 77 (cat.; *Mallophorina*); Artigas & Papavero, 1997c: 105. Type, CAS.
- frustus flavidus** (Cole) in Cole & Pritchard, 1964: 87 (*Mallophorina*). Type-locality: U. S. A., California, San Diego Co., Scissors Spring. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Martin & Papavero, 1970: 77 (cat.; *Mallophorina*); Artigas & Papavero, 1997c: 105. Type, CAS.
- guildianus** (Williston), 1885: 60 (*Mallophora*). Type-locality: U. S. A., California, Los Angeles Co. Distr. – U. S. A. (California, Utah), Mexico (Baja California). Refs. – Coquillett, 1893: 118 (*Mallophora*); Aldrich, 1905: 278 (cat.; *Mallophora*); Kertész, 1909: 211 (cat.; *Mallophora*); Hine, 1918: 6; Brown, 1929: 313, pl. 30, figs. 46-47 (*Mallophora*); Curran, 1930b: 21 (in key; *Mallophora*); Pritchard, 1935: 10 (in key; *Mallophorina*); Hull, 1962 (2): 469, figs. 727, 1368, 1377 (*Mallophora (Megaphorus)*); Cole & Pritchard, 1964: 73; Martin & Wilcox, 1965: 397 (cat.; *Mallophorina*); Martin & Papavero, 1970: 77 (cat.; *Mallophorina*); Dennis & Lavigne, 1976 (pupa); Artigas & Papavero, 1997c: 105. Type, USNM.
- megachile** (Coquillett), 1893a: 118 (*Mallophora*). Type-locality: U. S. A., California, Los Angeles County. Distr. – U. S. (California), Mexico (Baja California). Refs. – Hull, 1962 (2): 468 (*Mallophora*); Cole & Pritchard, 1964: 85 (*Mallophorina*); Martin & Wilcox, 1965: 397 (cat.; *Mallophorina*); Martin & Papavero, 1970: 77 (cat.; *Mallophorina*). **N. comb.**
- prudens** (Pritchard), 1935: 10 (*Mallophorina*). Type-locality: U. S. A., Arizona, Oracle. Distr. – Mexico (Coahuila). Refs. – Baker, 1939: 168 (*Mallophora (Mallophorina)*); Hull, 1962 (2): 468 (*Mallophora*), 469 (*Mallophora (Megaphorus)*); Cole & Pritchard, 1964: 80 (*Mallophorina*); Martin & Wilcox, 1965: 397 (cat.; *Mallophorina*). Syntypes, AMNH. **N. comb.**
- willistoni** (Cole) in Cole & Pritchard, 1964: 74, (*Mallophorina*). Type-locality: U. S. A., California, Lassen County, Hallelujah Junction. Distr. – U. S. A. (California), Mexico. Type, CAS. **N. comb.**

Genus **Promachella** Cole & Pritchard, 1964

- Promachella** Cole & Pritchard, 1964: 65. Type-species, *Promachina pilosa* Wilcox, 1937 (orig. des.).
- pilosa** (Wilcox), 1937: 43 (*Promachina*). Type-locality: U. S. A., Arizona, Sabino Canyon, Catalina Mts. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Hull, 1962 (2): 467 (*Promachina*); Cole & Pritchard, 1964: 66 (n. comb.); Martin & Wilcox, 1965: 399 (cat.; *Promachina*); Martin & Papavero, 1970: 77 (cat.); Artigas & Papavero, 1997c: 115. Type, CAS.

Genus **Promachus** Loew, 1848

- Trupanea* Macquart, 1838: 91 (1839: 209) (preocc. Guettard, 1762). Type-species, *Asilus maculatus* Fabricius, 1775 (orig. des.).
- Promachus** Loew, 1848: 390. Type-species, *Asilus maculatus* Fabricius, 1775 (sub. des., Coquillett, 1910: 595).
- albifacies** Williston, 1885: 63. Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona, California, Colorado, New Mexico), Mexico (northern Sonora). Refs. – Osten Sacken, 1887: 195; Aldrich, 1905: 279 (cat.); Kertész, 1909: 216 (cat.); Hine, 1911a: 168; Hull, 1962 (2): 461; Martin & Wilcox, 1965: 400 (cat.); Martin & Papavero, 1970: 79 (cat.).
- anceps** Osten Sacken, 1887: 194. Type-locality: “Mexico”, and Panama, Bugaba, 800-1500 ft. Refs. – Williston, 1901: 321; Aldrich, 1905: 279 (cat.); Kertész, 1909: 216 (cat.); Hull, 1962 (2): 462; Martin & Papavero, 1970: 79 (cat.); Artigas & Papavero, 1997c: 105; Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Syntypes, BMNH.
- fuscipennis* Macquart of Bellardi, 1861: 24, pl. 11, fig. 1 as var. A, misident.
- bellardii** Martin, 1965b: 132 (*nom. nov.* for *quadratus* Bellardi, 1861). Type-locality: “Mexico”. Distr. – Mexico (Veracruz). Refs. – Martin & Papavero, 1970: 79 (cat.); Artigas & Papavero, 1997c: 105.
- quadratus* Bellardi, 1861: 127 (27), pl. 2, fig. 3 (preocc. Wiedemann, 1828). Type-locality: “Mexico”. Refs. – Osten

- Sacken, 1878: 79, 234 (cat.), 1887: 184; Kertész, 1909: 220 (cat.; as syn. of *forfex* Osten Sacken, 1887); Hull, 1962 (2): 462; Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- captans** (Walker), 1851: 117 (*Trupanea*). Type-locality: "South America". Refs. – Walker, 1855: 590; Williston, 1891: 84 (cat.); Kertész, 1909: 218 (cat.); Hull, 1962 (2): 462; Martin & Papavero, 1970: 79 (cat.).
- cinctus** Bellardi, 1861: 125 (25), pl. 2, fig. 2. Type-locality: "Mexico". Distr. – Mexico (Nuevo León, Veracruz), Guatemala, Honduras, Nicaragua. Refs. – Osten Sacken, 1887: 193; Williston, 1901: 321; Aldrich, 1905: 280 (cat.); Kertész, 1909: 218 (cat.); Carrera & d'Andretta, 1950: 169, figs. 1, 14; 59-61; Hull, 1962 (2): 462; Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997c: 105; Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- forfex** Osten Sacken, 1887: 194. Type-locality: Costa Rica, Irazu, 6000-7000 m. Distr. – Mexico (Veracruz), Guatemala, Costa Rica, Guyana. Refs. – Williston, 1901: 321; Aldrich, 1905: 280 (cat.); Kertész, 1909: 220 (cat.); Hine, 1911a: 167; Hull, 1962 (2): 462; Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997: 105. Type, BMNH.
- fuscipennis** (Macquart), 1846: 209 (1846: 81), pl. 8, fig. 4 (*Trupanea*). Type-locality: "Colombia, warm region". Distr. – Colombia, Venezuela (Aragua). Refs. – Walker, 1855: 589 (*Trupanea*); Schiner, 1868: 177; Osten Sacken, 1878: 78, 234 (cat.), 1887: 195; Williston, 1891: 84 (cat.); Aldrich, 1905: 280 (cat.); Kertész, 1909: 221 (cat.); Hull, 1962 (2): 462; Carrera & Machado-Allison, 1963: 252; Martin, 1965a: 32; Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997c: 105. Syntypes, MNHNP, OXF.
- giganteus** Hine, 1911a: 172. Type-locality: U. S. A., Texas, El Paso. Distr. – U. S. A. (Texas), Mexico (Coahuila). Refs. – Bromley, 1935c: 3; Baker, 1939: 168; Hull, 1962 (2): 461; Martin & Wilcox, 1965: 400 (cat.); Morgan & Shelly, 1988: 419 (body temperature regulation). Type, OSU.
- magnus** Bellardi, 1861: 126 (26). Type-locality: "Mexico". Distr. – U. S. A. (Texas); Mexico (Coahuila, Nuevo León). Refs. – Aldrich, 1905: 280 (cat.); Kertész, 1909: 133 (cat.); Hine, 1918: 6; Baker, 1939: 168; Carrera & d'Andretta, 1950: 171; Hull, 1962 (2): 462; Martin & Wilcox, 1965: 400 (cat.); Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997c: 105; Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- minusculus** Hine, 1911: 171. Type-locality: U. S. A., New Mexico, near Albuquerque. Distr. – U. S. A. (New Mexico, Texas), Mexico. Ref. – Martin & Wilcox, 1965: 400 (cat.). Type, OSU.
- nigrialbus** Martin *in* Martin & Papavero, 1970: 80 (*nom. nov.* for *nigripes* Hine, 1911). Type-locality: U. S. A., New Mexico, Albuquerque. Distr. – U. S. A. (New Mexico), Mexico (Nuevo León).
nigripes Hine, 1911a: 170 (preocc. Macquart, 1838). Type-locality: U. S. A., New Mexico, Albuquerque. Ref. – Brown, 1929: 315, pl. 29, figs. 30-31, pl. 30, figs. 50-53. Type, OSU.
- nobilis** Osten Sacken, 1887: 196. Type-locality: Costa Rica, Caché. Distr. – Costa Rica, Venezuela (D. F., Mérida). Refs. – Aldrich, 1905: 280 (cat.); Kertész, 1909: 223 (cat.); Hull, 1962 (2): 462; Carrera & Machado-Allison, 1963: 252; Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997c: 105. Type, BMNH.
- oklahomensis** Pritchard, 1935: 12. Type-locality: U. S. A., Oklahoma, Kenton. Distr. – U. S. A. (Oklahoma), Mexico (Coahuila). Refs. – Bromley, 1935c: 3; Baker, 1939: 168.
- painteri** Bromley, 1934a: 93. Type-locality: U. S. A., Texas, Austin. Distr. – U. S. A. (Texas), Mexico (Coahuila). Ref. – Baker, 1939: 168; Hull, 1962 (2): 461; Martin & Wilcox, 1965: 400 (cat.).
- sackeni** Hine, 1911: 166. Type-locality: U. S. A., southern Arizona. Distr. – U. S. A. (Arizona, Texas), Mexico (Michoacán, northern Sonora). Refs. – Bromley, 1935c: 1; Carrera & d'Andretta, 1950: 171; Hull, 1962 (2): 461; Martin & Wilcox, 1965: 400 (cat.). Type, OSU.
- truquii** Bellardi, 1861: 129 (29), pl. 2, fig. 6. Type-locality: "Mexico". Distr. – U. S. A. (Arizona), Mexico (Veracruz, Hidalgo, ?Nuevo León). Refs. – Williston, 1901: 322; Aldrich, 1905: 280 (cat.); Kertész, 1909: 237 (cat.); Hine, 1911a: 170; Hull, 1962 (2): 462; Martin & Wilcox, 1965: 400 (cat.); Martin & Papavero, 1970: 80 (cat.); Artigas & Papavero, 1997c: 105. Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol.). Type, TORO.
- venustus** Carrera & d'Andretta, 1950: 169, fig. 10. Type-locality: Mexico, San Luis Potosí, Valles El Bonito. Distr. – Mexico (San Luis Potosí). Refs. – Hull, 1962 (2): 462; Artigas & Papavero, 1997c: 105. Type, CMNH.

Myaptex-group

Genus *Atractocoma* Artigas, 1970

Atractocoma Artigas, 1970a: 259. Type-species, *Atractocoma nivosa* Artigas, 1970 (orig. des.).

nivosa Artigas, 1970a: 260. figs. 220-222, 488. Type-locality: Chile, Aysén, Chile Chico, laguna Buenos Aires. Distr. – Chile (Aysén). Ref. – Artigas & Papavero, 1995f: 57, figs. 32-41. Type, DZUC.

Genus **Martintella** Artigas, 1996

Martinella Artigas & Papavero, 1995f: 57 (preocc. Jousseau, 1887). Type-species, *Asilus lestes* Williston, 1901 (orig. des.).
Martintella Artigas, 1996: 75 (*nom. nov.* for *Martinella* Artigas & Papavero, 1995). Type-species, *Asilus lestes* Williston, 1901 (aut.).

lestes (Williston), 1901: 331 (*Asilus*). Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero, Morelos). Refs. – Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 258 (cat.; *Asilus*); Hull, 1962 (2): 481 (*Lecania*); Martin, 1975c: 74, figs. 50, 65 (*Wilcoxius*); Artigas & Papavero, 1995f: 57, figs. 66-73 (*Martinella*); Artigas, 1996: 75 (n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.

Genus **Myaptex** Hull, 1962

Myaptex Hull, 1962 (2): 508. Type-species, *Myaptex hermanni* Hull, 1962 (orig. des.).

brachyptera (Philippi), 1965: 698 (*Asilus*). Type-locality: Chile, Colchagua. Neotype-locality: Chile, Malleco, Angol. Distr. – Chile (Arauco, Cautín, Concepción, Curicó, Linares, Maule, Malleco, Ñuble, Santiago, Talca, Valparaíso). Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 252 (cat.; *Asilus*); Bromley, 1932: 281 (*Asilus*); Stuardo Ortiz, 1946: 84 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*), fig. 2445 [*Myaptex*]; Artigas, 1970a: 324, figs. 317-322, 434 (n. comb.), 1971: 43, figs. 109-110; Artigas & Papavero, 1995f: 57, figs. 12-17. Type, lost. NT DZUC (des. by Artigas, 1970a: 324).

hermanni Hull, 1962 (2): 509, figs. 195, 688, 1499, 2267, 2313, 2437, 2445. Type-locality: Chile, Concepción. Distr. – Chile (Biobío, Concepción, Curicó, Linares, Malleco, Maule, O'Higgins, Santiago, Valparaíso). Refs. – Artigas, 1970a: 327, figs. 312-316, 433, 1971: 43, figs. 107-108; Artigas & Papavero, 1995f: 57, figs. 18-20. Type, DEI.

Genus **Myaptexaria** Artigas & Papavero, 1995

Myaptexaria Artigas & Papavero, 1995f: 58. Type-species, *Myaptex vexillaria* Artigas, 1970 (orig. des.).

acuta (Artigas), 1980: 365, figs. 1-13 (*Myaptex*). Type-locality: Chile, Atacama, Castilla. Distr. – Chile (Atacama). Ref. – Artigas & Papavero, 1995f: 58 (n. comb.). Type, DZUC.

vexillaria (Artigas), 1970a: 329, figs. 323-328, 454 (*Myaptex*). Type-locality: Chile, Coquimbo, Vicuña. Distr. – Chile (Aconcagua, Coquimbo, Santiago, Valparaíso). Refs. – Artigas, 1971: 44, figs. 111-112 (*Myaptex*); Artigas & Papavero, 1995f: 58, figs. 21-31 (n. comb.). Type, DZUC.

virilis (Artigas), 1970: 331, figs. 329-333, 449 (*Myapex*). Type-locality: Chile, Atacama, Zapata, Termas Socos. Distr. – Chile (Aconcagua, Atacama, Coquimbo). Refs. – Artigas, 1971: 44, figs. 105-106 (*Myaptex*); Artigas & Papavero, 1995f: 58 (n. comb.). Type, DZUC.

Genus **Rhadinosoma** Artigas, 1970

Rhadinosoma Artigas, 1970a: 346. Type-species, *Rhadinosoma calderense* Artigas, 1970 (orig. des.).

calderense Artigas, 1970a: 347, figs. 378-384, 469. Type-locality: Chile, Atacama, 40 km southeast of Caldera. Distr. – Chile (Atacama). Refs. – Artigas, 1971: 48, figs. 118-119; Artigas & Papavero, 1995f: 58, figs. 42-53. Type, DZUC.

Genus **Scarboroughia**, *nom. nov.*

Furcilla Martin, 1975c: 76 (preocc. Stokes, 1890). Type-species, *Furcilla dorotheae* Martin, 1975 (orig. des.).

Scarboroughia, *nom. nov.* for *Furcilla* Martin, 1975. Type-species, *Furcilla dorotheae* Martin, 1975 (aut.). [Dedicated to Dr. Aubrey G. Scarborough, Visiting Scholar of the University of Arizona, Tucson].

dorotheae (Martin), 1975c: 76, fig. 48 (*Furcilla*). Type-locality: Mexico, Sonora, 11 miles south of Navajoa, highway 15, km post 1766. Distr. – Mexico (Sonora). Ref. – Artigas & Papavero, 1995f: 57, figs. 54-65 (*Furcilla*). Type, CAS. **N. comb.**

petila (Martin), 1975c: 77, fig. 53 (*Furcilla*). Type-locality: Mexico, Sonora, 5 miles east of Navajoa. Distr. – Mexico (Sonora). Ref. – Artigas & Papavero, 1995f: 57 (*Furcilla*). Type, CAS. **N. comb.**

Genus **Wilcoxius** Martin, 1975

Wilcoxius Martin, 1975c: 71. Type-species, *Wilcoxius truncus* Martin, 1975 (orig. des.).

Ref. – Scarbrough & Perez-Gelabert, 2005 (rev.).

acutulus Martin, 1975c: 73, fig. 47. Type-locality: Nicaragua, Condega, 2025 ft. Distr. – Nicaragua, El Salvador. Refs. – Artigas & Papavero, 1995f: 58, figs. 9-11; Scarbrough & Perez-Gelabert, 2005: 49. Type, CAS.

bullatus (Bromley), 1929a: 288, fig. 10, pl. 1, fig. 14 (*Asilus*). Type-locality: Cuba, Santiago de las Vegas. Distr. – Cuba. Refs. – Hull, 1962 (2): 545 (*Asilus*); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Pachychaeta*); Scarbrough & Perez-Gelabert, 2005: 42 (n. comb.). PT MCZ.

caputitis Scarbrough & Perez-Gelabert, 2005: 42, figs. 1-3. Type-locality: Honduras, Francisco Morazán, 25 km south of Talanga (Hacienda Havada). Distr. – Honduras. Type, FSCA.

crenus Martin, 1975c: 74, figs. 49, 67. Type-locality: Mexico, Chiapas, Nachic. Distr. – Mexico (Chiapas). Refs. – Artigas & Papavero, 1995f: 58; Scarbrough & Perez-Gelabert, 2005: 49. Type, COR.

juventus Scarbrough & Perez-Gelabert, 2005: 44, figs. 4-7. Type-locality: Cuba, Isla de la Juventud, Nueva Gerona. Distr. – Cuba (Isla de la Juventud). Type, CMNH.

loewi (Bromley), 1929a: 289 (*Asilus*). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Hull, 1962 (2): 545 (*Asilus*); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Pachychaeta*); Scarbrough & Perez-Gelabert, 2005: 45 (n. comb.). Type, MCZ.

planus Scarbrough & Perez-Gelabert, 2005: 45, figs. 8-11. Type-locality: Dominican Republic, Azua, rodovía 229, 2 km road to San Juan, near bridge on Viajama river, 194 m. Distr. – Dominican Republic. Ref. – Scarbrough & Perez-Gelabert, 2006: 16. Type, USNM.

ramsdeni (Bromley), 1929a: 289 (*Asilus*). Type-locality: Cuba, Guantánamo, Tiguabos. Refs. – Hull, 1962 (2): 545 (*Asilus*); Alayo Dalmau & Garcia Ávila, 1983: 49 (cat.; *Pachychaeta*); Scarbrough & Perez-Gelabert, 2005: 46 (n. comb.). Type, USNM.

similis Scarbrough & Perez-Gelabert, 2005: 46, figs. 12-14. Type-locality: Guatemala, Zacapa, northwest of Teculután, road to Santerzo Marmal mines, 500 m. Distr. – Guatemala (Izabal, Zacapa). Type, FSCA.

truncus Martin, 1975c: 75, figs. 46, 66. Type-locality: Mexico, Veracruz, Veracruz. Distr. – Mexico (Veracruz, Oaxaca). Ref. – Artigas & Papavero, 1995f: 58, figs. 1-8. Type, CAS.

tumidus Scarbrough & Perez-Gelabert, 1995: 47, figs. 15-17. Type-locality: Dominican Republic, San Juan, road 237, 2 km road Belencuio Ingenito, Presa de Sabaneta. Distr. – Dominican Republic (Azua, Pedernales, San Juan, Santo Domingo). Ref. – Scarbrough & Perez-Gelabert, 2006: 16. Type, USNM.

Ommatius-group

Ommatiini Hardy, 1927a: 384, 1927b: 388, 390. Type-genus, *Ommatius* Wiedemann, 1821.

Ommatiinae Ricardo, 1929: 120.

Ommatini Hull, 1962 (2): 433.

Genus **Ommatius** Wiedemann, 1821

Ommatius Wiedemann, 1821: 213. Type-species, *Asilus marginellus* Fabricius, 1781 (sub. des., Coquillett, 1910: 579). *Emphysomera* Schiner of authors, misident.

Ref. – Scarbrough, 2008: 2-4 (key to species-groups).

abana Curran, 1953: 2. Type-locality: Bahamas, South Bimini Island. Distr. – Bahamas. Refs. – Martin, 1957b: 7; Hull, 1962 (2): 435; Martin & Papavero, 1970: 58 (cat.); Scarbrough, 1985a: 1226 (in key). Type, AMNH.

achaetus Scarbrough, 1993: 732 (in key to males), 752, figs. 143-150. Type-locality: Mexico, Oaxaca, 7 miles north of Juchatengo, 3700 ft. Distr. – Mexico (Oaxaca). Ref. – Vieira, Castro & Bravo, 2005: 20 (in key). Type, ?

acutus Scarbrough, 1990: 70 (in key), 95, figs. 1H, 2H, 17A-F, 18A-C. Type-locality: Mexico, 29 miles south of Chilpancingo,

- highway 90. Distr. – Mexico (Chiapas, Jalisco, Morelos, Nayarit, Oaxaca). Type, FSCA.
- alexanderi** Farr, 1965: 24, figs. 16, 20. Type-locality: Jamaica, St. Andrew, Ferry. Distr. – Jamaica. Refs. – Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 734, figs. 1-11; Vieira, Castro & Bravo, 2005: 21 (in key). Type, USNM.
- ampliatus** Scarbrough, 2002: 138 (in key), 140, figs. 1, 18-26. Type-locality: Colombia, Cauca, 20 km west of Silvia. Distr. – Colombia (Cauca, Medellín). Type, CNC.
- amula** Curran, 1928a: 1 (in key), 4. Type-locality: Mexico, Guerrero, Amula, 6000 ft. Distr. – Mexico (Chiapas, Chihuahua, Guerrero, Jalisco, Michoacán, Morelos, Nayarit, Oaxaca, Sinaloa, Veracruz), Belize, Guatemala, El Salvador. Refs. – Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 735, figs. 12-2; Vieira, Castro & Bravo, 2005: 20 (in key). Type, AMNH.
- aemula* Hull, 1962 (2): 435, error.
- angulosus** Scarbrough, 2002: 139 (in key), 145, figs. 2, 27-35. Type-locality: Colombia, Valle, 6 miles west of Cali. Distr. – Colombia (Valle), Ecuador. Type, CAS.
- angustus** Scarbrough, 2002: 140 (in key), 149, figs. 3, 36-44. Type-locality: Costa Rica, Puntarenas, F. Las Cruces, 6 km south of San Vito, 1200-1400 m. Distr. – Guatemala, Costa Rica, Panama. Type, CAS.
- apicalis** (Bellardi), 1861: 157 (57) (*Asilus*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1878: 82, 235 (cat.; *Asilus*); Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 251 (cat.; *Asilus*); Hull, 1962 (2): 435, 545 (*Asilus*); Martin & Papavero, 1970: 59 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- aridus** Scarbrough, 2002: 201, figs. 167, 173-181. Type-locality: Ecuador, Galápagos Islands, Floreana Island, 3 km east of Black Beach, 120 m. Distr. – Ecuador (Galápagos Islands). Type, CNC.
- atrosus** Scarbrough, 1997a: 11, figs. 1-7. Type-locality: Dominican Republic, Pedernales, 26 km north of Cabo Rojo. Distr. – Dominican Republic (Pedernales). Ref. – Scarbrough & Perez-Gelabert, 2003: 43, fig. 50. Type, CMNH.
- ayalai** Scarbrough, 2002: 138 (in key), 154, figs. 4, 45-53. Type-locality: Venezuela, Táchira, Delicias, 1800 m. Distr. – Venezuela. Type, IEAUCV.
- bastardoanus** Scarbrough in Scarbrough & Perez-Gelabert, 2003: 43, figs. 1-8, 51. Type-locality: Dominican Republic, La Vega, Arroyazo, Reserva Científica Ébano Verde. Distr. – Dominican Republic (La Vega, Santiago), Hispaniola. Ref. – Scarbrough & Perez-Gelabert, 2006: 46. Type, USNM.
- beameri** Wilcox, 1936a: 174 (in key), 3, pl. 10. Type-locality: U. S. A., Arizona, Patagonia. Distr. – U. S. A. (New Mexico, Arizona), Mexico (Nayarit, Jalisco). Refs. – Hull, 1962 (2): 435; Martin & Wilcox, 1965: 398; Scarbrough, 1990: 70 (in key), 79, figs. 1C, 2C, 7A-F, 8A-C. Type, KANSAS.
- bicolor** (Bigot), 1875: 244 (*Emphysomera*). Type-locality: “Mexico”. Distr. – Mexico. Ref. – Martin & Papavero, 1970: 59 (cat.). Type, OXF.
- bipartitus** Scarbrough, 1985a: 1226 (in key), 1232, figs. 10-14. Type-locality: Cuba, Loma del Gato, Cobre Range, 3000 ft. Distr. – Cuba. Type, MCZ.
- bullatus** Scarbrough, 2002: 138 (in key), 157, figs. 5, 54-62. Type-locality: Venezuela, Notigrito, Parque Nacional El Ávila. Distr. – Venezuela. Type, IZAUCV.
- cinnamomeus** Scarbrough, 1984b: 132 (in key), 147, fig. 14. Type-locality: Haiti, Nordest District, La Hotte, 200-400 ft. Distr. – Haiti (Nordest District), Dominican Republic (Independencia, Pedernales). Refs. – Scarbrough, 1997a: 11, figs. 8-10; Scarbrough & Perez-Gelabert, 2003: 44, fig. 49, 2006: 46, figs. 40-44. NT CMNH [des. by Scarbrough, 1997a: 11].
- cinthiae** Vieira, Castro & Bravo, 2004: 2, figs. 1-6. Type-locality: Brazil, Bahia, Santa Terezinha, Serra da Jibóia. Distr. – Brazil (Bahia). Ref. – Vieira, Castro & Bravo, 2005: 20 (in key). Type, UEFS.
- complanatus** Scarbrough, 1993: 732 (in key to males), 734 (in key to females), 737, figs. 23-33. Type-locality: Brazil, São Paulo, Salesópolis (Estação Biológica de Boracéia), 850 m. Distr. – Brazil (Rio de Janeiro, São Paulo). Ref. – Vieira, Castro & Bravo, 2005: 20 (in key). Type, MZUSP.
- constrictus** Scarbrough, 2002: 137 (in key), 160, figs. 63-65. Type-locality: Guyana, Orenoque and New, River Head. Distr. – Guyana. Type, BMNH.
- conus** Scarbrough, 2002: 204, figs. 168, 182-190. Type-locality: Brazil, Rio de Janeiro, Nova Friburgo (Muri). Distr. – Brazil (Rio de Janeiro). Type, MZUSP.
- costatus** Rondani, 1850a: 188. Type-locality: Brazil, São Paulo, ilha de São Sebastião. Distr. – Trinidad and South America, except Chile and Uruguay. Refs. – Osten Sacken, 1891: 421; Kertész, 1909: 307 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 738, figs. 34-46; Vieira, Castro & Bravo, 2005: 21 (in key). Lectotype TORO [des. by Scarbrough, 1993: 739].
- barbiellinii* Curran, 1934a: 18. Type-locality: Brazil, São Paulo. Distr. – Brazil (São Paulo). Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 738 (syn.). Type, AMNH.
- cubanus** Scarbrough, 1985a: 1227 (in key), 1229, figs. 6-7 (as *bubansus*, error). Type-locality: Cuba, Buenos Aires. Distr. – Cuba. Type, MCZ.
- dentatus** Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 739, figs. 47-57. Type-locality: Brazil, Amazonas, Manaus. Distr. – French Guiana, Brazil (Amazonas, Pará, Amapá). Ref. – Vieira, Castro & Bravo, 2005: 21 (in key). Type, INPA.
- depressus** Scarbrough, 2002: 137 (in key), 161, figs. 66-68. Type-locality: Ecuador, San Francisco, río Pastaza, 1300 m. Distr. – Ecuador. Type, AMNH.

- destitutus** Scarbrough, 2002: 140 (in key), 163, figs. 6, 69-77. Type-locality: Peru, Cajamarca. Distr. – Peru. Type, USNM.
- didymus** Scarbrough, 1993: 732 (in key to males), 741, figs. 58-65. Type-locality: Brazil, Amazonas, Manaus. Distr. – Brazil (Amazonas). Ref. – Vieira, Castro & Bravo, 2005: 21 (in key). Type, INPA.
- dignus** Scarbrough, 2000: 917 (*nom. nov.* for *dimidiatus* Scarbrough, 1985). Type-locality: Dominica, Clarke Hall, Cocoa Trail. Distr. – Dominica, Lucia and Martinique.
- dimidiatus* Scarbrough, 1985b: 647, figs. 9-14 (preocc. Macquart, 1850). Type-locality: Dominica, Clarke Hall, Cocoa Trail. Ref. – Scarbrough & Knutson, 1989: 524. Type, USNM.
- dolabriformis** Scarbrough, 2002: 139 (in key), 166, figs. 7, 78-83. Type-locality: Colombia, San Sebastián de Rabago, Sierra Nevada de Santa María, 2000 m. Distr. – Colombia. Type, FMNH.
- elusivus** Scarbrough in Scarbrough & Perez-Gelabert, 2003: 46, figs. 9-16, 49. Type-locality: Dominican Republic, Santiago, Caseta Parque Diferencia, Parque Nacional Armando Bermúdez. Distr. – Dominican Republic (La Vega, Santiago), Hispaniola. Ref. – Scarbrough & Perez-Gelabert, 2006: 49, 71 (in key), figs. 45, 52. Type, USNM.
- emarginatus** Scarbrough, 1985b: 646, figs. 7-8. Type-locality: St. Vincent Island. Distr. – St. Vincent Island. Type, BMNH.
- erythropus** Schiner, 1867: 411. Type-locality: “South America”. Refs. – Williston, 1891: 90 (cat.); Kertész, 1909: 308 (cat.); Engel, 1930: 464, fig. 5 (*Ommatinus*); Carrera & Vulcano, 1961: 77 (prey); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.). Type, NMW.
- exilis** Curran, 1928a: 2 (in key), 5. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Distr. – Peru (Loreto), Brazil (Rondônia, Mato Grosso, Tocantins, Rio de Janeiro, São Paulo), Argentina (Salta). Refs. – Bromley, 1946: 112 (cat.); Carrera, 1960a: 167; Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Lamas M., 1972: 312 (cat.); Scarbrough, 2002: 207, figs. 169, 191-199. Type, AMNH.
- falcatus** Scarbrough, 1984a: 625, fig. 6. Type-locality: Puerto Rico, Maricao. Distr. – Puerto Rico. Type, USNM.
- fernandezi** Scarbrough, 2002: 140 (in key), 168, figs. 8, 84-92. Type-locality: Venezuela, Raragua, La Trilla. Distr. – Venezuela. Type, IZAUCV.
- †**fimbrillus** Scarbrough, 2000: 917 (*nom. nov.* for *fimbriatus* Scarbrough & Poinar, 1992). Type-locality: Dominican Republic (Oligocene/Miocene).
- †*fimbriatus* Scarbrough & Poinar Jr., 1992: 13 (preocc. G. H. Hardy, 1949). Type-locality: Dominican Republic (Oligocene/Miocene). Type, GPAC.
- flavescens** Scarbrough in Scarbrough & Perez-Gelabert, 2003: 48, figs. 17-21, 49. Type-locality: Dominican Republic, Pedernales, 23.5 km north of Cabo Rojo. Distr. – Dominican Republic (Pedernales). Type, CMNH. Ref. – Scarbrough & Perez-Gelabert, 2006: 72 (in key).
- flexus** Scarbrough, 2002: 138, 139 (in key), 171, figs. 9, 93-101. Type-locality: Venezuela, Táchira, La Parada, San Cristóbal, 850 m. Distr. – Venezuela. Type, IZAUCV.
- fuscipennis** Bellardi, 1862: 220 (23). Type-locality: Mexico, Veracruz, Tuxpango near Orizaba. Distr. – Mexico (Veracruz). Refs. – Aldrich, 1905: 273 (cat.); Kertész, 1909: 308 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Papavero & Ibáñez Bernal, 2001: 110 (hist. Mexican dipterol). Type, TORO.
- geminus** Scarbrough & Perez-Gelabert, 2006: 51, 71 (in key), figs. 46, 53, 59-66. Type-locality: Dominican Republic, La Vega, Parque Nacional Armando Bermúdez, km 1.3 along trail west of La Ciénaga, 900-1100 m. Distr. – Dominican Republic (La Vega). Type, USNM.
- gladius** Scarbrough, 2002: 138 (in key), 174, figs. 10, 102-111. Type-locality: Mexico, Veracruz, Jalapa. Distr. – Mexico (Nuevo León, Veracruz, Hidalgo, Oaxaca, Chiapas), Guatemala, Costa Rica. Type, USNM.
- gwenae** Scarbrough, 1984b: 132 (in key), 139, figs. 9-10. Type-locality: Dominican Republic, Constanza. Lectotype-locality: Dominican Republic, La Toma, north of San Cristóbal. Distr. – Dominican Republic (Distrito Nacional, Hato Mayor, Independencia, Isla Beata La Altagracia, La Vega, M. T. Sánchez, Pedernales, Peravia, Sánchez Ramírez, San Cristóbal, San Pedro de Macorís, Santiago). Refs. – Scarbrough, 1997a: 12, figs. 11-20; Scarbrough & Perez-Gelabert, 2003: 48, fig. 49, 2006: 46. Lectotype USNM [des. by Scarbrough, 1997a: 12].
- haitiensis** Scarbrough, 1984b: 132, figs. 1-3. Type-locality: Haiti, La Viste and Vie La Salle Range. Distr. – Haiti (La Visite and Vie La Selle Range), Dominican Republic (Bahoruco, Pedernales, Independencia). Refs. – Scarbrough, 1997a: 12, figs. 21-29; Scarbrough & Perez-Gelabert, 2003: 49, fig. 50. Type, MCZ.
- hanebrinki** Scarbrough & Rutkauskas, 1983: 144, figs. 1-9. Type-locality: Bahamas Islands, San Salvador Island, College Center of the Finger Lakes, Bahamian Campus. Distr. – Bahamas Islands. Ref. – Scarbrough, 1985a: 1227 (in key). Type, USNM.
- hierroi** Scarbrough in Scarbrough & Perez-Gelabert, 2003: 49, figs. 22-29, 49. Type-locality: Dominican Republic, Duarte, 8 miles north of San Francisco de Macorís, Loma Quita Espuela, 800 m. Distr. – Dominican Republic (Duarte). Type, AMNH.
- hispaniolae** Scarbrough, 1984b: 132 (in key), 137, figs. 7-8. Type-locality: Dominican Republic, Barahona. Distr. – Haiti (Ouest District), Dominican Republic (Azua, Barahona, Independencia, Isla Beata, Montecristi, M. T. Sánchez, Peravia, Pedernales, San Cristóbal, San Juan, Santiago). Refs. – Scarbrough, 1997a: 13, figs. 30-30; Scarbrough & Perez-Gelabert, 2003: 52, fig. 50, 2006: 46. Type, MCZ.
- hispidus** Scarbrough, 1985a: 1226 (in key), 1235, figs. 15-20. Type-locality: Cuba, Santiago de las Vegas. Distr. – Cuba. Type, USNM.
- holosericeus** Schiner, 1867: 411. Type-locality: “Brazil [Rio de Janeiro]”. Distr. – Brazil (Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Williston, 1891: 90 (cat.); Kertész, 1909: 308 (cat.); Bromley, 1946: 112 (cat.); Hull, 1962

- (2): 224, 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 2002: 210, figs. 170, 200-208. Lectotype NMW [des. by Scarbrough, 2002: 214].
- humatus** Scarbrough, 1993: 741, figs. 66-76. Type-locality: Costa Rica, Heredia, F. La Selva, 3 km south of Puerto Viejo. Distr. – Mexico, Mesoamerica, Ecuador. Ref. – Vieira, Castro & Bravo, 2005: 20 (in key). Type, USNM.
- incurvatus** Scarbrough, 1993: 731 (in key to males), 733 (in key to females), 744, figs. 77-87. Type-locality: Guatemala, 31 km northeast of Guatemala, 915 m. Distr. – Mexico to Costa Rica. Refs. – Vieira, Castro & Bravo, 2005: 21 (in key); Scarbrough, 2007: 470 (in key). Type, EMF.
- inflatus** Scarbrough *in* Scarbrough & Perez-Gelabert, 2003: 50, figs. 30-37, 49. Type-locality: Dominican Republic, Montecristi, 9 km north of Montecristi. Distr. – Dominican Republic (Barahona, Montecristi, Peravia, San Juan, Santiago). Ref. – Scarbrough & Perez-Gelabert, 2006: 46, 71 (in key), figs. 48, 54. Type, FSCA.
- infuscatus** Scarbrough, 1990: 70 (in key), 86, figs. 1E, 2E, 11A-F, 12A-C. Type-locality: Mexico, Michoacán, 9 miles west of Morelia. Distr. – Mexico (Jalisco, Michoacán, Morelos). Type, FSCA.
- integerrimus** Scarbrough, 1990: 70 (in key), 82, figs. 1D, 2D, 9A-F, 10A-C. Type-locality: Mexico, Morelos, 2 mi. South of Tepoztlán, 5300 ft. Distr. – Mexico (Guerrero, Michoacán, Morelos, Nayarit). Type, FSCA.
- jamaicensis** Farr, 1965: 23, figs. 15, 19. Type-locality: Jamaica, St. Thomas, Morant Bay road, 14.5 miles east of Kingston. Distr. – Jamaica. Ref. – Martin & Papavero, 1970: 59 (cat.). Type, USNM.
- laticrus** Scarbrough & Perez-Gelabert, 2006: 58, 72 (in key), figs. 49, 55, 67-74. Type-locality: Dominican Republic, Peravia, southern slopes of Cerro Gordo, Baní, on way to Salinas. Distr. – Dominican Republic (Azua, Barahona, Peravia, Santiago). Type, USNM.
- lineolatus** Scarbrough, 1988b: 91, figs. 2a-d. Type-locality: Cuba, Herradura. Distr. – Bahamas, Cuba. Ref. – Scarbrough, 2000: 917. Type, USNM.
- lucidatus** Scarbrough, 1997a: 13, figs. 40-49. Type-locality: Dominican Republic, Pedernales, north of Cabo Rojo. Distr. – Dominican Republic (Azua, Bahoruco, Independencia, Montecristi, Pedernales, Peravia, Santiago). Ref. – Scarbrough & Perez-Gelabert, 2003: 53, 72 (in key), fig. 51, 2006: 62, figs. 50, 56. Type, CMNH.
- lunatus** Scarbrough, 2002: 137, 138 (in key), 178, figs. 11, 112-121. Type-locality: Costa Rica, Heredia, F. La Solva, 3 km south of Puerto Viejo. Distr. – Costa Rica. Type, USNM.
- maculosus** Scarbrough & Perez-Gelabert, 2006: 62, 72 (in key), figs. 47, 57, 75-82. Type-locality: Dominican Republic, Pedernales, road-125, 2 km on trail to Carlitos, Parque Nacional Jaragua, 124 m. Distr. – Dominican Republic (Pedernales). Type, USNM.
- marginellus** (Fabricius), 1781: 474 (*Asilus*). Type-locality: Virgin Islands, St. Croix. Distr. – Virgin Islands, Cuba, St. Thomas, Venezuela, Guyana, Galapagos Islands, Brazil (Pará, Espírito Santo, São Paulo), Paraguay. Refs. – Fabricius, 1787: 360 (*Asilus*); Olivier, 1789: 267 (*Asilus*); Gmelin, 1792: 2898 (*Asilus*); Fabricius, 1794: 384 (*Asilus*), 1805: 170 (*Dasygogon*); Wiedemann, 1821: 213, 1828: 421, pl. 6, fig. 5; Macquart, 1834: 314, 1838: 134, pl. 11, fig. 4; Walker, 1849: 474, 1855: 755; Schiner, 1866: 682; Osten Sacken, 1878: 83, 235 (cat.); Roeder, 1885: 339; Williston, 1891: 90 (cat.), 1896a: 304; Aldrich, 1905: 273 (cat.); Kertész, 1909: 308 (cat.); Coquillett, 1910: 579; Gowdey, 1926: 77 (in error); Curran, 1928a: 1 (in key). 1928b: 23; Bromley, 1929a: 286; Carrera, 1947a: 48; Wolcott, 1948: 453; Carrera, 1958a: 152, 1960a: 167; Carrera & Vulcano, 1961: 77 (preys); Hull, 1962 (2): 435; Carrera & Machado-Allison, 1963: 263; Farr, 1965: 25 (not in Jamaica); Linsley & Usinger, 1966: 166 (Galapagos Islands); Martin & Papavero, 1970: 59 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.); Scarbrough, 1984a: 620, figs. 1-4, 1985a: 1237, 1985b: 652. Type, KIEL (without head and abdomen) [cf. Zimsen, 1964: 470].
- marginalis* Bromley, 1946: 112 (cat.), error.
- mariae** Scarbrough, 2000: 913, figs. 1-9. Type-locality: Bahamas, Eleuthera, Rainbow Bay. Distr. – Bahamas. Type, FSCA.
- megacephalus** (Bellardi), 1861: 158 (58), pl. 2, fig. 14 (*Asilus*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 59 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- membranosus** Scarbrough, 1985a: 1227 (in key), 1231, figs. 8-9. Type-locality: Bahamas, Rum Cay. Distr. – Bahamas. Type, MCZ.
- monensis** Scarbrough, 1984a: 623, fig. 5. Type-locality: Puerto Rico, Mona Island, Camp Capuasi. Distr. – Puerto Rico (Mona Island). Type, USNM.
- narrius** Scarbrough, 2002: 214, figs. 171, 209-217. Type-locality: Brazil, São Paulo, São Paulo (Horto Florestal). Distr. – Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo). Type, MZUSP.
- nebulosus** Scarbrough, 2008: 4, figs. 1, 6-14. Type-locality: Venezuela, Amazonas, Cerro de la Neblina base camp, 140 m, 0o50' N, 6610' W. Distr. – Venezuela (Amazonas). Type, USNM.
- neotropicus** Curran, 1928a: 1 (in key), 3. Type-locality: “Guyana”. Distr. – Guyana, Brazil (Minas Gerais). Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 2008: 6, figs. 2, 15-23. Type, AMNH.
- nigellus** Scarbrough, 1984b: 132 (in key), 144, fig. 12. Type-locality: Haiti, Furcy. Distr. – Haiti (Ouest District), Dominican Republic (Barahona, Pedernales). Refs. – Scarbrough, 1997a: 15, figs. 50-59; Scarbrough & Perez-Gelabert, 2003: 54, fig. 51, 2006: 46. Type, AMNH.
- norma** Curran, 1928a: 1 (in key), 2. Type-locality: “Guyana”. Distr. – Venezuela (Amazonas, Bolívar), Guyana, Surinam, French Guiana, Brazil (Amazonas, Pará, Rondônia, Mato Grosso do Sul, Minas Gerais, São Paulo), Paraguay (Cordillera). Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 2008: 7, figs. 3, 24-32 (as *normus*, error). Type, AMNH.

- orenoquensis** Bigot, 1876: lxxxv. Type-locality: “Guyana”. Distr. – Costa Rica and St. Vincent Islands southward, South America except Uruguay and Chile. Refs. – Osten Sacken, 1891: 421; Kertész, 1909: 310 (cat.); Curran, 1928a: 1 (in key); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 746, figs. 88-98; Vieira, Castro & Bravo, 2005: 20 (in key). Lectotype OXF [des. by Scarbrough, 1993: 746].
- infractus* Scarbrough, 1985b: 643. Type-locality: St. Vincent Island. Ref. – Scarbrough, 1993: 746 (syn.). Type, USNM.
- oreophilus** Farr, 1965: 20, figs. 14, 18, 22. Type-locality: Jamaica, St. Andrew, Hardwar Gap. Distr. – Jamaica. Refs. – Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 747, figs. 99-109; Vieira, Castro & Bravo, 2005: 20 (in key). Type, USNM.
- ovatus** Scarbrough, 2002: 139 (in key), 181, figs. 122-124. Type-locality: Peru, San Martín. Distr. – Peru. Type, USNM.
- parvulus** Schaeffer, 1916: 69. Type-locality: U. S. A., Arizona, Huachuca Mts.. Distr. – U. S. A. (Arizona). Refs. – Pritchard, 1935: 8; Hull, 1962 (2): 435; Martin & Wilcox, 1965: 398 (cat.).
- parvus** Bigot, 1875: 247. Type-locality: “Mexico”. Distr. – Mexico (Chiapas, Colima, Guerrero, Hidalgo, Jalisco, Michoacán, Morelos, Nayarit, Oaxaca, Sinaloa, Veracruz), Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica. Refs. – Williston, 1901: 332; Aldrich, 1905: 273 (cat.); Kertész, 1909: 310 (cat.); Curran, 1928a: 2 (in key); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1990: 71, figs. 1A, 2A, 3A-F, 4A-C. Lectotype OXF [des. by Scarbrough, 1990: 71].
- pumilus* Macquart of Bellardi, 1861: 59, misident.
- perangustimus** Scarbrough, 1990: 70 (in key), 94, figs. 1G, 2G, 15A-F, 16A-C. Type-locality: Mexico, Oaxaca, 27 miles south of Juchatengo, 4200 ft. Distr. – Mexico (Chiapas, Oaxaca, Sinaloa). Type, EMF.
- peregrinus** Osten Sacken, 1887: 210. Type-locality: Panama, Bugaba, 800-1500 ft. Distr. – Panama. Refs. – Williston, 1901: 331; Aldrich, 1909: 311 (cat.); Kertész, 1909: 311 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.). Type, BMNH.
- piliferous** [sic] Scarbrough, 1985a: 1226 (in key), 1227, figs. 1-5. Type-locality: “Cuba”. Distr. – Cuba. Ref. – Scarbrough, 1993: 732 (in key to males), 733 (in key to females), 748, figs. 110-120; Vieira, Castro & Bravo, 2005: 21 (in key). Type, MCZ.
- pilosulus** (Bigot), 1875: 243 (*Emphysomera*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Williston, 1901: 332; Aldrich, 1905: 273 (cat.); Kertész, 1909: 311 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.). Type, OXF.
- pilosus* Curran, 1928a: 1 (in key), error.
- praelongus** Scarbrough & Perez-Gelabert, 2006: 66, 71 (in key), figs. 51, 58, 83-90. Type-locality: Dominican Republic, Pedernales, road-266, Las Abejas, Parque Nacional Sierra de Bahoruco, 1310 m. Distr. – Dominican Republic (Pedernales). Type, USNM.
- praestigiatus** Scarbrough, 1990: 71 (in key), 76, figs. 1B, 2B, 5A-F, 6A-C. Type-locality: Venezuela, Miranda, Los Ocumitos. Distr. – Venezuela. Type, CAS.
- pretiosus** Banks, 1911: 129. Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona), Mexico. Refs. – Curran, 1928: 1 (in key); Hull, 1962 (2): 435; Martin & Wilcox, 1965: 398 (cat.).
- prolongatus** Scarbrough, 1985b: 653, figs. 18-19. Type-locality: Montserrat Island, Plymouth. Distr. – Montserrat Island. Type, USNM.
- pulcher** (Engel), 1885: 146 (*Emphysomera*). Type-locality: Brazil, Minas Gerais, São João del Rei [Sello]. Distr. – Brazil (Alagoas, Mato Grosso do Sul, D. F., Goiás, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina), Paraguay (Amambay, Ybycui). Refs. – Curran, 1928a: 1 (in key; as *pulchra*, error); Engel, 1930: 465 (*Emphysomera*); Bromley, 1946: 112 (cat.; [*Ommatius* (*Emphysomera*)]); Hull, 1962 u(2): 437 (*Emphysomera*); Martin & Papavero, 1970: 60 (cat.); Scarbrough, 2008: 8, figs. 4, 33-41.
- pulverius** Scarbrough, 1997a: 16, figs. 60-66. Type-locality: Dominican Republic, Pedernales, Cabo Rojo. Distr. – Dominican Republic (Pedernales, Isla Beata). Ref. – Scarbrough & Perez-Gelabert, 2003: 54, fig. 50. Type, USNM.
- pumilus** Macquart, 1847: 58 (1847: 42), pl. 1, fig. 10. Type-locality: “Mexico”. Distr. – Mexico (Chiapas, Guerrero, Oaxaca, Puebla, Sinaloa, Veracruz). Refs. – Walker, 1855: 755; Aldrich, 1905: 274 (cat.); Kertész, 1909: 311 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 1990: 70 (in key), 89, figs. 1F, 2F, 13A-F, 14A-C. Lectotype OXF [des. by Scarbrough, 1990: 92].
- pumillus* Papavero & Ibáñez Bernal, 2001: 86 (hist. Mexican dipterol.), error.
- quadratus** Scarbrough, 2002: 138 (in key), 182, figs. 125-127. Type-locality: Peru, Huaoapiatana, río Tarma. Distr. – Peru. Type, CU.
- riali** Vieira, Castro & Bravo, 2005: 21 (in key and text), figs. 1-7. Type-locality: Brazil, Bahia, Cachoeira. Distr. – Brazil (Bahia). Type, UEFS.
- ruficauda** Curran, 1928a: 2 (in key), 5. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Distr. – Brazil (Mato Grosso). Refs. – Bromley, 1946: 112 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 59 (cat.); Scarbrough, 2008: 11, fig. 5 (as *ruficaudus*, error) TP AMNH.
- rufipes** Macquart, 1846: 216 (1846: 88) (preocc. Macquart, 1838). Type-locality: “Colombia”. Refs. – Walker, 1855: 756; Williston, 1891: 90 (cat.); Kertész, 1909: 311 (cat.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 60 (cat.). Type, lost.
- russelli** Scarbrough, 1984b: 132 (in key), 142 fig. 11. Type-locality: Dominican Republic, La Palma, 12 km east of El Río. Distr. – Dominican Republic (Azua, Independencia, La Vega, San Cristóbal). Refs. – Scarbrough, 1997a: 16; Scarbrough & Perez-Gelabert, 2003: 55, fig. 50. Type, USNM.
- saccas** Walker, 1849: 474. Type-locality: “Jamaica”. Distr. – St. Croix, Jamaica. Refs. – Johnson, 1894: 274, 1919: 430; Hull, 1962 (2): 435 (as syn. of *marginellus* Fabricius, 1781); Farr, 1965: 18, figs. 13, 17, 21; Martin & Papavero, 1970: 60

- (cat.). Type, BMNH.
- schineri** Martin, 1965b: 130 (*nom. nov.* for *apicalis* Schiner, 1868). Type-locality: “South America”. Ref. – Martin & Papavero, 1970: 60 (cat.).
- apicalis* Schiner, 1868: 194 (preocc. Bellardi, 1861). Type-locality: “South America”. Refs. – Williston, 1891: 90 (cat.); Kertész, 1909: 306 (cat.); Curran, 1928a: 1 (in key). Type, NMW.
- scopifer** Schiner, 1868: 194. Type-locality: “Colombia”. Distr. – Colombia. Refs. – Williston, 1891: 90 (cat.); Kertész, 1909: 311 (cat.); Carrera & d’Andretta, 1950: 181 (misident.); Hull, 1962 (2): 435; Martin & Papavero, 1970: 60 (cat.). Type, NMW.
- serrajiboensis** Vieira, Castro & Bravo, 2004: 3, figs. 7-13. Type-locality: Brazil, Bahia, Santa Terezinha, Serra da Jibóia. Distr. – Brazil (Bahia). Ref. – Vieira, Castro & Bravo, 2005: 20 (in key). Type, UEFS.
- setiferous** [sic] Scarbrough, 1988b: 90, figs. 1a-g. Type-locality: Bahama Islands, Mayaguana Island, Abraham Bay. Distr. – Bahama Islands (Mayaguana Island). Type, USNM.
- simulans** Scarbrough, 2002: 217, figs. 172, 218-226. Type-locality: Brazil, Goiás, Corumbá de Goiás (Fazenda Monjolinho). Distr. – Brazil (Goiás, Minas Gerais, São Paulo). Type, MZUSP.
- spatulatus** Curran, 1928a: 2 (in key), 4. Type-locality: unknown [?Rio de Janeiro]. Distr. – Brazil (Amazonas, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Paraná), Argentina (Jujuy). Refs. – Carrera, 1945a: 165 (preys); Bromley, 1946: 112 (cat.); Carrera, 1960a: 167; Hull, 1962 (2): 435; Martin & Papavero, 1970: 60 (cat.); Scarbrough, 2007: 470. Type, AMNH.
- spinus** Scarbrough, 1993: 732 (in key to males), 734 (in key to females), 749, figs. 121-131. Type-locality: Peru, Huánuco, San Domingo. Distr. – Ecuador, Peru, Brazil (Amazonas, Pará, Maranhão, Goiás, Rio de Janeiro), Bolivia. Ref. – Vieira, Castro & Bravo, 2005: 21 (in key). Type, USNM.
- stramineus** Scarbrough, 1984b: 132 (in key), 145, fig. 13. Type-locality: Haiti, Mt. Bouretta, 5000 ft. Distr. – Haiti, Dominican Republic (La Vega, Peravia). Refs. – Scarbrough, 1997a: 17, figs. 67-76; Scarbrough & Perez-Gelabert, 2003: 55, fig. 50. Type, USNM.
- †**subtus** Scarbrough & Poinar Jr., 1992: 13. Type-locality: Dominican Republic (Oligocene/Miocene).
- tandapiensis** Scarbrough, 2002: 184, figs. 12, 128-136. Type-locality: Ecuador, Tandapi, 40 km southwest of Quito, 1300-1500 m. Distr. – Ecuador. Type, CNC.
- tanpadiensis* Scarbrough, 2002: 139 (in key), error.
- tepui** Scarbrough, 2008: 11, figs. 42-48. Type-locality: Venezuela, Amazonas, Puerto Ayacucho, 40 km south of Tibogán, Canocoromoto. Distr. – Venezuela (Amazonas). Type, USNM.
- tractus** Scarbrough, 2007: 466, figs. 1-10, p. 470 (in key). Type-locality: Brazil, São Paulo, São Paulo (Santo Amaro). Distr. – Brazil (São Paulo). Type, MZUSP.
- triangularis** Scarbrough, 2002: 140 (in key), 187, figs. 13, 137-145. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. – Venezuela. Type, USNM.
- tropidus** Scarbrough, 2002: 139 (in key), 190, figs. 146-148. Type-locality: Bolivia, Chapare, Cristal. Distr. – Bolivia. Type, IZAUCV.
- tucumanensis** Scarbrough, 2002: 140 (in key), 192, figs. 14, 149-157. Type-locality: Argentina, Trucumán, Tafi Viejo, Quebrada Cainza. Distr. – Bolivia, Argentina (Tucumán). Type, MZUSP.
- uncatus** Scarbrough, 1993: 731 (in key to males), 733 (in key to females), 750, figs. 132-142. Type-locality: Peru, Huánuco, San Domingo. Distr. – Colombia, Peru, Brazil (Pará). Refs. – Vieira, Castro & Bravo, 2005: 20 (in key); Scarbrough, 2007: 469 (in key). Type, USNM.
- unguiculatus** Scarbrough, 2002: 140 (in key), 195, figs. 15, 158-166. Type-locality: Venezuela, Distrito Federal, El Junquito. Distr. – Venezuela. Type, IZAUCV.
- villosus** Scarbrough, 1985b: 650, figs. 15-17. Type-locality: Dominica, Clarke Hall. Distr. – Dominica. Ref. – Scarbrough & Knutson, 1989: 524. Type, USNM.
- vitreus** Bigot, 1875: 246. Type-locality: “Haiti”. Distr. – Hispaniola, Puerto Rico (Mona Island), Haiti (Ouest District), Dominican Republic (Pedernales, La Vega). Refs. – Kertész, 1909: 310 (cat.; as syn. of *marginellus* Fabricius, 1791); Hull, 1962 (2): 435 (as syn. of *marginellus* Fabricius, 1791); Martin & Papavero, 1970: 60 (cat.); Scarbrough, 1984a: 627, 1984b: 132 (in key), 135, figs. 4-6, 1997a: 17, figs. 77-86; Scarbrough & Perez-Gelabert, 2003: 55, fig. 51. Lectotype OXF [des. by Scarbrough, 1984: 135].
- vivus** Scarbrough, 1997a: 17, figs. 87-96. Type-locality: Dominican Republic, Pedernales, 35 km north of north of Cabo Rojo, Las Abejas, 1250 m. Distr. – Dominican Republic (Pedernales). Ref. – Scarbrough & Perez-Gelabert, 2003: 55, fig. 51. Type, USNM.
- willistoni** Curran, 1928a: 2 (in key), 3. Type-locality: Mexico, Guerrero, Tepetlapa, 3000 ft. Distr. – Mexico (Guerrero). Refs. – Hull, 1962 (2): 435; Martin & Papavero, 1970: 60 (cat.). Type, AMNH.

Proctacanthus-group

Genus *Eccritosia* Schiner, 1866

Eccritosia Schiner, 1866: 674. Type-species, *Asilus barbatus* Fabricius, 1787 (orig. des.).
Ecoritosia Bromley, 1951: 25, error.

Ref. – Lamas M., 1973c (rev.).

- barbata** (Fabricius), 1787: 358 (*Asilus*). Type-locality: “French Guiana, Cayenne (Rohr)” [cf. Papavero, 1971e: 20]. Distr. – U. S. A. (Texas), Mexico, Honduras, Costa Rica, Panama, Venezuela (Bolívar), Guyana, Peru (Loreto), Brazil, Bolivia, Paraguay, Argentina. Refs. – Olivier, 1789: 264 (*Asilus*); Gmelin, 1792: 2896 (*Asilus*); Fabricius, 1794: 379 (*Asilus*), 1805: 155 (*Asilus*); Wiedemann, 1821: 187 (*Asilus*), 1828: 439 (*Asilus*); Macquart, 1838: 122 (*Proctacanthus*); Walker, 1849: 652 (*Proctacanthus*), 1855: 703 (*Asilus*); Schiner, 1866: 703; Wulp, 1882b: 112; Hansen, 1883: pl. 4, figs. 1-3; Williston, 1891: 88 (cat.); Kertész, 1909: 249 (cat.); Curran, 1934a: 13 (in key), 14; Bromley, 1935c: 4 (*Erax*), 1946a: 116 (cat.); Carrera, 1947a: 48; Carrera & d’Andretta, 1953: 68; Carrera, 1960a: 164; Carrera & Vulcano, 1961: 74 (prey); Hull, 1962 (2): 489; Carrera & Machado-Allison, 1963: 253; Martin & Papavero, 1970: 61 (cat.); Lamas M., 1972: 313 (cat.), 1973c: 54, figs. 2, 8-10; Fisher, 1984: 34; Artigas & Papavero, 1995d: 147, figs. 33-34, 39. Type, KIEL [cf. Zimsen, 1964: 468].
- amphinome** Walker, 1849: 387 (*Asilus*), part. Type-locality: “Honduras”. Refs. – Osten Sacken, 1887: 207; Williston, 1901: 327; Aldrich, 1905: 275 (cat.); Kertész, 1909: 249 (cat.); Schaeffer, 1916: 66; Engel, 1930: 460; Curran, 1934a: 13 (in key), 14; Hull, 1962 (2): 489, figs. 390, 728, 1370, 1379, 2285, 2334, 2479, 2482; Martin & Wilcox, 1965: 393 (cat.); Martin & Papavero, 1970: 61 (cat.). Syntypes, BMNH.
- tricolor** Walker, 1850: xcvi (Mallophora). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Walker, 1855: 583 (*Mallophora*); Williston, 1891: 88 (cat.); *Mallophora*; Curran, 1934a: 14 (may be syn. of *barbata* Fabricius, 1787); Bromley, 1946: 116 (cat.); Carrera & d’Andretta, 1952: 258 (prey). Type, BMNH.
- plinthopyga** (Wiedemann), 1821: 184 (*Asilus*). Type-locality: “Cuba” (possibly in error). Distr. – Brazil (Rio Grande do Sul), Uruguay (Montevideo, San José). Refs. – Wiedemann, 1828: 432 (*Asilus*); Walker, 1855: 695 (*Asilus*); Bigot, 1857a: 331 (*Asilus*); Schiner, 1866: 683, 1867: 399; Aldrich, 1905: 275 (cat.); Kertész, 1909: 250 (cat.); Curran, 1934a: 15; Hull, 1962 (2): 489; Martin & Papavero, 1970: 61 (cat.); Lamas M., 1973c: 62, figs. 4, 14-16; Alayo Dalmau & Garcia Ávila, 1983: 48 (cat.); Artigas & Papavero, 1995d: 147, fig. 37. Type, NMW.
- vetustus** Walker, 1837: 340 (*Asilus*). Type-locality: Uruguay, Gorriti Island. Refs. – Walker, 1849: 420 (*Proctacanthus*), 1855: 653 (*Proctacanthus*); Lynch Arribálzaga, 1880: 260 (*Proctacanthus*), 1883a: 148 (cat.; *Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 248 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*). Type, BMNH.
- rubriventris** (Macquart), 1850: 391 (1850: 87), pl. 8, fig. 3 (*Proctacanthus*). Type-locality: “Brazil”. Distr. – Brazil (São Paulo, Santa Catarina, Rio Grande do Sul), Uruguay (Canelones), Argentina (Salta, Tucumán, Mendoza), Chile (Arauco, Cautín, Concepción, Malleco, Ñuble, Santiago, Tarapacá); Australia (New South Wales, introduced). Refs. – Schiner, 1866: 714 (*Proctacanthus*); Rondani, 1868: 33 (*Proctacanthus*); Lynch Arribálzaga, 1880: 259 (*Proctacanthus*); Wulp, 1882b: 108 (*Proctacanthus*); Lynch Arribálzaga, 1883a: 147 (cat.; *Proctacanthus*), 1883b: 12 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 248 (cat.; *Proctacanthus*); Bromley, 1946: 116 (cat.; *Proctacanthus*); Carrera, 1960b: 50 (n. comb.); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas, 1970a: 279, figs. 371-377, 410, 1971: 35, figs. 83-84; Martin & Papavero, 1970: 61 (cat.); Lamas M., 1973c: 59, figs. 3, 11-13; Artigas & Reyes, 1975: 201, figs. 3, 7-9, 11, 13; Artigas & Papavero, 1995d: 147, figs. 15-18, 32, 35, 38. Type, MNHNP.
- xanthopogon** Burmeister, 1861 (vol. I): 317, (vol. II): 171 (*Asilus* (*Proctacanthus*)). Type-locality: Argentina, Mendoza and Tucumán, Monteros TP MACN.
- speciosus** Philippi, 1865: 193, pl. 26, fig. 28 (*Erax*). Type-locality: Chile, Colchagua, near Llico. Refs. – Schiner, 1866: 713 (*Erax*); Stuardo Ortiz, 1946: 84 (cat.; n. comb.). Type, lost.
- barbiellini** Curran, 1934a: 13. Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 116 (cat.); Hull, 1962 (2): 489. Type, AMNH.
- wirthi** Paramonov, 1964: 157. Type-locality: Australia, New South Wales, Dee Why, near Sydney. Type, CSIRO.
- zamon** (Townsend), 1895: 600 (*Proctacanthus*). Lectotype-locality: Mexico, Baja California Sur, San José del Cabo. Distr. – U. S. A. (Arizona, Texas), Mexico (Baja California, Chihuahua, Guerrero, Jalisco, Oaxaca), Guatemala, Honduras, Nicaragua, Costa Rica. Refs. – Kertész, 1909: 249 (cat.; as syn. of *amphinome*); Curran, 1934a: 13 (in key), 14; Wilcox, 1937: 45; Bromley, 1951: 35, figs. 2, 8; Hull, 1962 (2): 489; Martin & Wilcox, 1965: 393 (cat.); Lamas M., 1973c: 53, figs. 1, 5-7; Lavigne, 1977: 626 (ethology); Artigas & Papavero, 1995d: 147, fig. 36. Lectotype AMNH [des. by Bromley, 1951: 26].
- amphinome** Walker, 1849: 387 (*Asilus*), part. Type-locality: “Honduras”. Refs. – Osten Sacken, 1887: 207; Williston, 1901: 327; Aldrich, 1905: 275 (cat.); Kertész, 1909: 249 (cat.); Bromley, 1934a: 106; Martin & Papavero, 1970: 61 (cat.). Syntypes, BMNH.

Genus **Proctacanthella** Bromley, 1934

Proctacanthella Bromley, 1934a: 96. Type-species, *Asilus cacopilogus* Hine, 1909 (orig. des.).

Ref. – Artigas & Papavero, 1995d: 153, figs. 1-8, 154, figs. 9-14.

exquisita (Osten Sacken), 1887: 206, pl. 3, fig. 12 (*Proctacanthus*). Type-locality: Mexico, northern Sonora. Distr. – U. S. A., Mexico (Sonora). Refs. – Aldrich, 1905: 274 (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Martin & Wilcox, 1965: 398 (cat.); Wilcox, 1965a: 108 (in key), fig. 1; Martin & Papavero, 1970: 82 (cat.); Artigas & Papavero, 1995d: 147; Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.

mexicanus Cole, 1923: 463, fig. 6 (*Stenopogon*). Type-locality: Mexico, Sonora, Guaymas. Ref. – Hull, 1962 (1): 124 (*Scleropogon*). Type, CAS.

jamesi Pritchard, 1935: 13. Type-locality: U. S. A., Oklahoma, Kenton. Ref. – Hull, 1962 (2): 499. Type, AMNH.

robusta Bromley, 1951: 26, fig. 3. Type-locality: U. S. A., Texas, Port Lavaca. Distr. – U. S. A. (Texas), Mexico. Ref. – Hull, 1962 (2): 499; Wilcox, 1965a: 107 (in key), 108, fig. 1. Type, OSU.

taina Scarbrough & Perez-Gelabert, 2006: 12, figs. 1-2, 188. Type-locality: Dominican Republic, Montecristi, 4 km north of Botoncillo. Distr. – Dominican Republic (Bahoruco, Montecristi). Type, FSCA.

tolandi Wilcox, 1965a: 107 (in key), 109, fig. 1. Type-locality: U. S. A., California, Riverside Co., White Water. Distr. – U. S. A. (California), Mexico. Type, CAS.

Genus **Proctacanthus** Macquart, 1838

Proctacanthus Macquart, 1838: 120 (1839: 236). Type-species, *Proctacanthus philadelphicus* Macquart, 1838 (sub. des.; Coquillett, 1910: 595).

Acanthodelphia Bigot, 1857b: 545 (in key). No species included.

Proctacantha Scudder, 1884: 262, emend.

Ref. – Lavigne, Nelson & Schreiber, 1994 (preys and prey choice).

arno Townsend, 1895: 599. Lectotype-locality: Mexico, Baja California Sur, San José del Cabo. Distr. – U. S. A. (Texas, Utah); Mexico (Baja California). Refs. – Aldrich, 1905: 274 (cat.); Kertész, 1909: 245 (cat.); Hine, 1911: 161, 1918: 3; Brown, 1929: 309; Bromley, 1935c: 3; Hull, 1962 (2): 488; Martin, 1962a: 186; Martin & Papavero, 1970: 77 (cat.); Artigas & Papavero, 1995d: 148. Lectotype KU [des. by Martin, 1962a: 186].

basifascia Walker, 1855: 654. Type-locality: Brazil, Pará, Santarém. Distr. – Brazil (Pará). Refs. – Williston, 1891: 87 (cat.); Kertész, 1909: 246 (cat.); Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148.

bifascia Bromley, 1946: 115 (cat.), error.

caudatus Hine, 1911: 159. Type-locality: Mexico, Veracruz. Distr. – Mexico (Veracruz). Refs. – Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148. Type, OSU.

coprates Walker, 1848: 409. Type-locality: unknown. Refs. – Walker, 1855: 652; Williston, 1891: 88 (cat.); Kertész, 1909: 246 (cat.); Bromley, 1946: 115 (cat.); Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.).

coquilletti Hine, 1911: 160. Type-locality: U. S. A., California, Los Angeles. Distr. – U. S. A. (California), Mexico. Refs. – Hull, 1962 (2): 488; Martin & Wilcox, 1965: 399 (cat.). Type, OSU.

craverii Bellardi, 1861: 150 (50). Type-locality: Mexico, D. F., surroundings of Mexico City. Distr. – Mexico (D. F., Jalisco, Veracruz). Refs. – Williston, 1901: 327; Aldrich, 1905: 274 (cat.); Kertész, 1909: 274 (cat.); Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148; Papavero & Ibáñez Bernal, 2001: 106 (hist. Mexican dipterol). Type, TORO.

danforthi Curran, 1951: 5 (in key), 8. Type-locality: Puerto Rico, Arecibo. Distr. – Puerto Rico. Refs. – Hull, 1962 (2): 488; Maldonado-Capriles & Navarro, 1967: 52; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148. Type, AMNH.

darlingtoni Curran, 1951: 5 (in key), 8. Type-locality: Dominican Republic, Barahona. Distr. – Dominican Republic (Barahona, Peravia). Refs. – Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148; Scarbrough & Perez-Gelabert, 2006: 14. Type, MCZ.

dominicanus Curran, 1951: 5 (in key), 9 (as *dominicana*, error). Type-locality: Dominican Republic, Samaná, Sanchez. Distr. – Dominican Republic (Azua, La Altagracia, Pedernales, Peravia, San Cristóbal, Santo Domingo). Refs. – Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148; Scarbrough & Perez-Gelabert, 2006: 15 (as *dominicana*, error). Type, AMNH.

lernerii Curran, 1951: 5. Type-locality: Bahama Islands, South Bomini Island. Distr. – Bahamas Islands South Bimini Island). Refs. – Martin, 1957b: 7; Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148, figs.

49-51, 52-56. Type, AMNH.

- micans** Schiner, 1867: 397. Type-locality: “North America”. Distr. – U. S. A. (Arizona, Colorado, New Mexico), Mexico. Refs. – Kertész, 1909: 247 (cat.); Hine, 1911: 160; Hull, 1962 (2): 488; Dennis & Lavigne, 1976 (pupa); Artigas & Papavero, 1995d: 157, figs. 40-42. Type, NMW.
- nearno** Martin, 1962a: 187. Type-locality: U. S. A., Arizona, Baboquivari Mountains. Distr. – U. S. A. (Arizona, California, New Mexico, Texas, Utah. Ref. – Lavigne & Dennis, 1979: 438 (ethology). Type, KU.
- nigrimanus** Curran, 1951: 5 (in key), 7. Type-locality: Cuba, Oriente, Maisi. Distr. – Cuba. Ref. – Hull, 1962 (2): 488; Martin & Papavero, 1970: 78 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 50 (cat.); Artigas & Papavero, 1995d: 148. Type, MCZ.
- nigrofemoratus** Hine, 1911: 161. Type-locality: Mexico, San José. Distr. – U. S. A. (Texas), Mexico. Refs. – Hull, 1962 (2): 488; Martin & Wilcox, 1965: 399 (cat.); Martin & Papavero, 1970: 78 (cat.); Artigas & Papavero, 1995d: 148. Type, OSU.
- vittatus** (Olivier), 1789: 263 (*Asilus*). Type-locality: “Saint Domingue”. Distr. – Dominican Republic (La Altagracia, La Vega, National District), Haiti. Refs. – Aldrich, 1905: 283 (cat.; *Asilus*); Kertész, 1909: 265 (cat.; *Asilus*); Bromley, 1929a: 293; Curran, 1934a: 8 (in key), 1951: 5 (in key), 7; Hull, 1962 (2): 488; Scarbrough & Perez-Gelabert, 2006: 15. Type, lost.
- rufiventris** Macquart, 1838: 123 (1839: 239), pl. 10, fig. 2. Type-locality: “Dominican Republic”. Refs. – Walker, 1849: 409, 1855: 650; Roeder, 1885: 339; Aldrich, 1905: 274 (cat.); Kertész, 1909: 248 (cat.); Hine, 1911: 158; Curran, 1928b: 23, 1951: 7; Martin & Papavero, 1970: 79 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 50 (cat.); Artigas & Papavero, 1995d: 148. Type, MNHNP.

Genus *Taurhynchus* Artigas & Papavero, 1995

Taurhynchus Artigas & Papavero, 1995d: 148. Type-species, *Asilus xanthopterus* Wiedemann, 1828 (orig. des.).

- antidomus** (Walker), 1849: 408 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 652; Williston, 1891: 87 (cat.; *Proctacanthus*); Kertész, 1909: 245 (cat.; *Proctacanthus*); Curran, 1934a: 14 (?*Eccritosia*); Bromley, 1946: 115 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Martin & Papavero, 1970: 61 (?*Eccritosia*); Artigas & Papavero, 1995d: 149 (n. comb.).
- aurolineatus** (Macquart), 1846: 214 (1846: 86), pl. 8, fig. 9 (*Proctacanthus*). Type-locality: “Colombia” (as “Nouvelle Grenade”). Distr. – Colombia. Refs. – Walker, 1855: 653 (*Proctacanthus*); Williston, 1891: 87 (cat.; *Proctacanthus*); Kertész, 1909: 245 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Martin & Papavero, 1970: 77 (cat.); Artigas & Papavero, 1995d: 149 (n. comb.). Type, lost.
- barbiventris** (Rondani), 1850: 187 (*Asilus*). Type-locality: Brazil, São Paulo, Ilha de São Sebastião. Refs. – Osten Sacken, 1891: 421 (*Asilus*); Kertész, 1909: 252 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, TORO.
- bromleyi** (Curran), 1931b: 22 (*Proctacanthus*). Type-locality: Colombia, Magdalena, Rio Frio. Distr. – Colombia (Magdalena), Venezuela (Aragua) Refs. – Curran, 1934a: 8 (in key); Hull, 1962 (2): 488 (*Proctacanthus*); Carrera & Machado-Allison, 1963: 253 (*Proctacanthus*); Artigas & Papavero, 1995d: 149, figs. 19-21 (n. comb.). Type, AMNH.
- camposi** (Curran), 1934a: 9 (in key), 10 (*Proctacanthus*). Type-locality: Ecuador, Guayas, Posorja. Refs. – Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, AMNH.
- cruentus** (Lynch Arribálzaga), 1880: 264 (*Proctacanthus*). Type-locality: Argentina, Misiones. Refs. – Lynch Arribálzaga, 1883a: 147 (cat.; *Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.).
- daraps** (Walker), 1849: 416 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 653 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Bromley, 1946: 115 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, BMNH (tip of abdomen missing. Walker did not declare the sex in the original description, so probably the specimen was broken since that time).
- dina** (Curran), 1934a: 9 (*Proctacanthus*). Type-locality: Brazil, Amazonas, rio Caiari, Uaupés. Distr. – Venezuela (Carabobo, Distrito Federal), Brazil (Amazonas). Refs. – Bromley, 1946: 115 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Carrera & Machado-Allison, 1963: 253 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, AMNH.
- fervidus** (Curran), 1934a: 9 (in key), 11 (*Proctacanthus*). Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 115 (cat.; *Proctacanthus*); Carrera, 1947d: 271 (*Proctacanthus*) (preys); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149, figs. 22-24, 25-31 (n. comb.). Type, AMNH.
- flavipennis** (Macquart), 1846: 213 (1846: 85), pl. 8, fig. 11 (*Proctacanthus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 653 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, lost.
- guianicus** (Curran), 1934a: 9 (in key), 12 (*Proctacanthus*; as *guianica*, error). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, AMNH.
- hagno** Walker, 1849: 417 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 653 (*Proctacanthus*); Williston, 1891: 88

- (cat.; *Proctacanthus*); Kertész, 1909: 246 (cat.; *Proctacanthus*); Bromley, 1946: 115 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, BMNH (a male, according to the original description. Now tip of abdomen missing).
- leonides** (Walker), 1851: 150 (*Asilus*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Refs. – Walker, 1855: 705 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 258 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Artigas & Papavero, 1995d: 149 (n. comb.).
- leucopogon** (Wiedemann), 1828: 430 (*Asilus*). Type-locality: Uruguay, Montevideo. Distr. – Uruguay. Refs. – Schiner, 1866: 683 (*Proctacanthus*), 1867: 395 (*Proctacanthus*); Lynch Arribálzaga, 1880: 261 (*Proctacanthus*, 1883a: 147 (cat.; *Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 247 (cat.; *Proctacanthus*); Hine, 1918: 7; Hull, 1962 (2): 488 (*Proctacanthus*), 499 [*Proctacanthella*], fig. 377, 2303, 2314; Martin & Papavero, 1970: 78 (cat.); Lavigne & Dennis, 1980: 160 (*Proctacanthus*; ethology); Shelly & Pearson, 1980: 7 (*Proctacanthella*; predatory behavior), 1983: 520 (diurnal variation in predatory behavior). Type, NMW. **N. comb.**
- ?*macrotelus* Walker, 1837: 340 (*Asilus*). Type-locality: Uruguay, Gorriti Island. Refs. – Walker, 1849: 420 (*Asilus*), 1855: 653 (*Proctacanthus*); Lynch Arribálzaga, 1880: 260 (*Proctacanthus*), 1883a: 147 (cat.; *Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 247 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*).
- mystaceus** (Macquart), 1846: 214 (1846: 86) (*Proctacanthus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 652 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 244 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, lost.
- rubricornis** (Macquart), 1838: 122 (1839: 238) (*Proctacanthus*). Type-locality: Brazil, Rio de Janeiro. Distr. – Brazil (Rio de Janeiro), Paraguay. Refs. – Walker, 1855: 652 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 248 (cat.; *Proctacanthus*); Bromley, 1946: 115 (cat.; *Proctacanthus*); Carrera, 1947a: 47 (*Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, MNHNP.
- salti** (Curran), 1934a: 9 (in key), 11 (*Proctacanthus*). Type-locality: Colombia, Magdalena, Río Frío. Refs. – Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, AMNH.
- tibialis** (Macquart), 1850: 392 (1850: 88) (*Proctacanthus*). Type-locality: “South America”. Refs. – Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 248 (cat.; *Proctacanthus*); Curran, 1934a: 10 (considers unrecognizable); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.). Type, lost.
- vittatus** (Lynch Arribálzaga), 1880: 261 (*Proctacanthus*). Type-locality: Argentina, Misiones. Refs. – Lynch Arribálzaga, 1883a: 148 (cat.; *Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 249 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Artigas & Papavero, 1995d: 149 (n. comb.).
- xanthopterus** (Wiedemann), 1828: 427 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Refs. – Macquart, 1838: 121 (*Proctacanthus*); Schiner, 1866: 682 (*Proctacanthus*); Williston, 1891: 88 (cat.; *Proctacanthus*); Kertész, 1909: 249 (cat.; *Proctacanthus*); Bromley, 1946: 116 (cat.; *Proctacanthus*); Hull, 1962 (2): 488 (*Proctacanthus*); Martin & Papavero, 1970: 79 (cat.); Artigas & Papavero, 1995d: 149. Syntypes, BZM [no. 738; cf. Schumann, 1973: 170].

Unplaced or unrecognized species of Asilinae

- albisetosus** Wulp, 1882b: 116 (*Epitriptus*). Type-locality: “Argentina (Weyenbergh)” [cf. Papavero, 1973d: 357]. Refs. – Lynch Arribálzaga, 1883b: 17 (*Epitriptus*); Williston, 1891: 89 (cat.; *Epitriptus*); Kertész, 1909: 294 (cat.; *Epitriptus*); Hull, 1962 (2): 5673 (*Epitriptus*). Type, ZMA.
- americanus** Macquart, 1846: 215 (1846: 87) (*Lophonotus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 701 (*Asilus*); Williston, 1891: 89 (cat.; *Lophonotus*); Kertész, 1909: 274 (cat.; *Lophonotus*); Bromley, 1946: 117 (cat.; *Neolophonotus* (*Dysmachus*)); Hull, 1962 (2): 567 (*Dysmachus*); Martin & Papavero, 1970: 87 (cat.; *Dysmachus*). Type, OXF.
- aurivestitus** Hine, 1919: 142, fig. 42 (*Erax*). Type-locality: Mexico, Morelos. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 90 (*Efferia*-group). Type, OSU.
- flavescens** James, 1953: 46, fig. 1 (*Eicherax*). Type-locality: Honduras, Olanchito. Refs. – Hull, 1962 (2): 475 (*Eicherax*); Martin & Papavero, 1970: 70 (consider genus misident.). Type, MICH.
- pavidus** Williston, 1901: 326 (*Erax*). Type-locality: Mexico, Guerrero, Xucumanatlán. Refs. – Aldrich, 1905: 277 (cat.; *Erax*); Kertész, 1909: 241 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 67 (*Efferia*); Artigas & Papavero, 1997b: 90; Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- schadei** Bromley, 1951: 30, fig. 5 (*Erax*). Type-locality: Paraguay, Hape [?]. Refs. – Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 68 (*Efferia*); Artigas & Papavero, 1997b: 90. Type, AMNH.
- singularis** Macquart, 1838: 111 (1839: 227), pl. 9, fig. 10 (*Erax*). Type-locality: Western part of Uruguay, along Uruguay river (as “Uruguay, depuis l’embouchure de l’ ‘Uruguay jusqu’aux Missions”). Refs. – Walker, 1855: 634 (*Erax*); Lynch Arribálzaga, 1880: 111 (*Erax*), 1883b: 150 (*Erax*); Williston, 1891: 87 (cat.; *Erax*); Kertész, 1909: 242 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Martin & Papavero, 1970: 68 (*Efferia*); Artigas & Papavero, 1997b: 90. Type, MNHNP.
- spissibarbis** Macquart, 1846: 208 (1846: 80) (*Trupanea*). Type-locality: “Chile”. Refs. – Walker, 1866: 589 (*Trupanea*);

Williston, 18791: 84 (cat.; *Promachus*); Kertész, 1909: 226 (cat.; *Promachus*); Hull, 1962 (2): 462 (*Promachus*); Martin & Papavero, 1970: 80 (cat.; *Promachus*).

strigitibia Curran, 1931b: 25 (*Dysmachus*). Type-locality: Ecuador, Riobamba. Refs. – Hull, 1962 (2): 567 (*Dysmachus*); Martin & Papavero, 1970: 87 (cat.; *Dysmachus*). Type, AMNH.

Unrecognized genera of Asilinae

Genus **Labromyia** Hull, 1962

Labromyia Hull, 1962 (2): 533. Type-species, *Labromyia albibarbis* Hull, 1962 (orig. des.).

albibarbis Hull, 1962 (2): 534, figs. 341, 722, 1466, 2266, 2327, 2425, 2435. Type-locality: Paraguay, Cordillera, San Bernardino. Ref. – Martin & Papavero, 1970: 83 (cat.). Type, ZSBS.

Genus **Pediophoneus** Lynch Arribálzaga, 1883

Pediophoneus Lynch Arribálzaga, 1883b: 87. No species included. Refs. – Kertész, 1909: 267 (cat.); Hull, 1962 (2): 519; Martin & Papavero, 1970: 81 (cat.).

Subfamily Dasypogoninae Macquart, 1838

Dasypogonitae Macquart, 1838: 22 (1839: 138). Type-genus, *Dasypogon* Meigen, 1803.

Dasypogonidae Bigot, 1852: 485.

Dasypogonites Macquart, 1850: 472.

Dasypogonidii Bigot, 1853: 300.

Dasypogonina Loew, 1858: 342.

Dasipogonina Rondani, 1863: 52, 156.

Dasypoginae Wulp, 1896: 75.

Dasypogomia, Dasipogonia Valdés-Raguès, 1908: 309-310.

Saropogonini G. H. Hardy, 1926: 306. Type-genus, *Saropogon* Loew, 1847.

Dasipogoninae Karl, 1935: 115.

Saropogonini Martin & Papavero, 1970: 23 (cat.), error.

Tribe Dasypogonini Macquart, 1838

Genus **Azelia** Carrera, 1955

Azelia Carrera, 1955c: 297. Type-species, *Laparus argentinus* Wulp, 1882 (orig. des.).

argentina (Wulp), 1882b: 95 (*Laparus*). Type-locality: “Argentina”. Distr. – Argentina (La Rioja, Mendoza, Salta, Tucumán). Refs. – Williston, 1891: 74 (cat.; *Neolaparus*); Brèthes, 1908: 287 (*Neolaparus*); Kertész, 1909: 120 (cat.; *Neolaparus*); Carrera, 1955c: 299, figs. 1-3 (n. comb.); Carrera & Papavero, 1962: 54; Hull, 1962 (1): 279, fig. 558; Martin & Papavero, 1970: 36 (cat.); Artigas & Papavero, 1988b: 240, figs. 108-110, 242, fig. 116. Type, ZMA.

infumata (Lynch Arribálzaga), 1880: 183 (*Allopogon*). Type-locality: Argentina, Buenos Aires, San José de Flores. Distr. – Argentina (Buenos Aires). Refs. – Lynch Arribálzaga, 1883a: 137 (cat.; *Allopogon*); Williston, 1891: 73 (cat.; *Allopogon*); Kertész, 1909: 118 (cat.; *Allopogon*); Hull, 1962 (1): 279, fig. 76, 1126, 1135, 17071716-1717, 1880, 2031; Martin & Papavero, 1970: 37 (cat.).

tsacasi Papavero, 1971d: 23, figs. 1-3. Type-locality: Argentina, Santiago del Estero, Averias, rio Salado. Distr. – Argentina (Santiago del Estero). Ref. – Artigas & Papavero, 1988b: 240, figs. 105-107. Type, MNHNP.

Genus **Amorimius**, **nom. nov.**

Macrocolus Engel, 1930: 470 (preocc. Wagner, 1846). Type-species, *Macrocolus bicolor* Engel, 1930 (orig. des., as gen. n., sp. n.). **Amorimius**, **nom. nov.** for *Macrocolus* Engel, 1930. Type-species, *Macrocolus bicolor* Engel, 1930 (aut.). [Dedicated to Prof. Dr. Dalton de Souza Amorim, Departamento de Biologia, Faculdade de Filosofia, Ciências e Letras, Universidade de São Paulo, Ribeirão Preto].

Refs. – Hull, 1962 (1): 132, figs. 125, 477, 900, 1702, 1847; Artigas & Papavero, 1988b: 211 (key to spp.).

- barrettoi** (Carrera), 1949: 120, fig. 180 (*Macrocolus*). Type-locality: Brazil, Minas Gerais, Araçuaí. Distr. – Brazil (Minas Gerais). Refs. – Hull, 1962 (1): 133 (*Macrocolus*); Martin & Papavero, 1970: 23 (cat.; *Macrocolus*). Type, MZUSP. **N. comb.**
- bicolor** (Engel), 1930: 471, fig. 8 (*Macrocolus*). Type-locality: Bolivia, Santa Cruz, Santa Cruz de la Sierra and Ipitás; Paraguay, Cordillera, San Bernardino. Distr. – Bolivia (Santa Cruz), Brazil (São Paulo), Paraguay (Cordillera). Refs. – Carrera, 1949: 119, figs. 8, 61, 91, 119, 137-138, 179 (*Macrocolus*); Carrera & Papavero, 1962: 55 (*Macrocolus*); Hull, 1962 (1): 133 (*Macrocolus*); Martin & Papavero, 1970: 23 (cat.; *Macrocolus*); Artigas & Papavero, 1988b: 244, figs. 124-125 e 127, 245, figs. 128-132 (*Macrocolus*). **N. comb.**
- martinorum** (Artigas & Papavero), 1988b: 211, 244, fig. 126 (*Macrocolus*). Type-locality: Mexico, Guerrero, 24 miles south of Iguala. Distr. – Mexico (Guerrero). Type, MZUSP. **N. comb.**
- rubripes** (Carrera & Papavero), 1962: 55, fig. 2 (*Macrocolus*). Type-locality: Brazil, São Paulo, Campos do Jordão (Eugênio Lefevre). Distr. – Brazil (São Paulo). Type, MZUSP. **N. comb.**

Genus **Araucopogon** Artigas & Papavero, 1988

Araucopogon Artigas & Papavero, 1988b: 209. Type-species, *Dasyopogon (Saropogon) cyanogaster* Loew, 1851 (orig. des.).

- cyanogaster** (Loew), 1851: 5 (*Dasyopogon (Saropogon)*). Type-locality: “Chile (Eschscholtz)” [cf. Papavero, 1971e: 51]. Distr. – Chile (Aconcagua, Arauco, Cautín, Colchagua, Linares, Malleco, Maule, Ñuble, O’Higgins, Santiago, Talca, Valparaíso). Refs. – Williston, 1891: 74 (cat.; *Saropogon*); Kertész, 1909: 137 (cat.); Carrera, 1953a: 275 (*Araiopogon*); Hull, 1962: 282 (*Araiopogon*); Artigas, 1970a: 68, figs. 168, 170-171, 438 (*Araiopogon*); Martin & Papavero, 1970: 36 (cat.; *Araiopogon*); Artigas, 1971: 9, figs. 15, 16 (*Araiopogon*); Artigas & Papavero, 1988b: 241, figs. 111-115, 242, fig. 117. Type, BZM [no. 433; cf. Schumann, 1973: 100].
- pictus* Philippi, 1865: 638 (*Dasyopogon*). Type-locality: Chile, Colchagua, Colchagua. Refs. – Williston, 1891: 74 (cat.; *Saropogon*); Kertész, 1909: 139 (cat.; *Saropogon*); Bromley, 1932: 266 (*Saropogon*); Stuardo Ortiz, 1946: 82 (cat.; *Saropogon*); Carrera, 1953a: 275 (syn.). Type, MNHNS (headless).

Genus **Austenmyia** Carrera, 1955

Austenmyia Carrera, 1955a: 104. Type-species, *Austenmyia amazona* Carrera, 1955 (orig. des.).

- amazona** Carrera, 1955a: 105, fig. 1. Type-locality: Brazil, Amazonas, Manaus. Distr. – Brazil (Amazonas). Refs. – Hull, 1962 (1): 281, figs. 519, 1123, 1132; Martin & Papavero, 1970: 37 (cat.); Artigas & Papavero, 1988b: 239, fig. 98. Type, BMNH.

Genus **Cleptomyia** Carrera, 1949

Cleptomyia Carrera, 1949: 124. Type-species, *Cleptomyia bacillifera* Carrera, 1949 (orig. des.) = *Cleptomyia tripartita* (Walker, 1854).

- tripartita** (Walker), 1854: 437 (*Dasyopogon*). Type-locality: Brazil, Pará, Santarém. Distr. – Brazil (Pará, Ceará, Rio Grande do Norte), Paraguay, Argentina. Ref. – Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 132 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Papavero, 1971d: 21 (n. comb.); Artigas & Papavero, 1988: 239, figs. 99 e 102, 242, fig. 118, 243, figs. 110-123. Type, BMNH.
- bacillifera* Carrera, 1949: 125, figs. 5, 63, 99, 155, 157, 184, pl. 16. Type-locality: Brazil, Ceará, Russas. Refs. – Carrera, 1959: 2; Carrera & Papavero, 1962: 61; Hull, 1962 (1): 260, figs. 577, 1144, 1153; Martin & Papavero, 1970: 32 (cat.);

Papavero, 1971d: 21 (n. syn.). Type, MZUSP.

Genus *Neoderomyia* Artigas, 1971

Neoderomyia Artigas, 1971: 12. Type-species, *Deromyia fulvipes* Philippi, 1865 (orig. des.).

fulvipes (Philippi), 1865: 706 (*Deromyia*). Type-locality: Chile, Santiago. Distr. – Chile (Biobío, Maule, Santiago, Valparaíso). Refs. – Williston, 1891: 75 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Stuardo Ortiz, 1946: 82 (cat.; *Deromyia*); Hull, 1962 (1): 250 (*Deromyia*); Artigas, 1970a: 154, figs. 135-137, 139-141, 435 (*Oberon*); Martin & Papavero, 1970: 37 (cat.; *Oberon*); Artigas, 1971: 12, figs. 17-18 (n. comb.); Artigas & Papavero, 1988b: 246, figs. 133-137.

Genus *Parataracticus* Cole, 1924

Parataracticus Cole, 1924: 11. Type-species, *Parataracticus rubidus* Cole, 1924 (orig. des.).

Ref. – Artigas & Papavero, 1988b: 247, figs. 138-142, 248, fig. 143.

arenicolus Martin, 1968d: 182. Type-locality: Mexico, Baja California, Los Friales. Distr. – Mexico (Baja California). Refs. – Martin & Papavero, 1970: 35 (cat.); Artigas & Papavero, 1988b: 239, fig. 103. Type, CAS.

niger Martin, 1955b: 118. Type-locality: U. S. A., California, Riverside County, Perris. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Hull, 1962 (1): 272; Martin & Wilcox, 1965: 381 (cat.); Martin & Papavero, 1970: 35 (cat.). Type, CAS.

Genus *Saropogon* Loew, 1847

Dasyopogon, subg. **Saropogon** Loew, 1847: 439. Type-species, *Dasyopogon luctuosus* Wiedemann, 1820 (sub. des., Coquillett, 1910: 603).

Sarapogon Williston, 1891: 74 (cat.), error.

Araiopogon Carrera, 1949: 122. Type-species, *Dasyopogon gayi* Macquart, 1838 (orig. des.).

Oberon Carrera & Papavero, 1962: 57. Type-species, *Oberon velutinus* Carrera & Papavero, 1962 (orig. des.).

One species known as fossil: *Saropogon oblitescens* Cockerell (1914: 102) (Oligocene; U. S. A., Colorado).

albifrons Back, 1904: 291. Type-locality: U. S. A., Arizona, Bill Williams Fork. Distr. – U. S. A. (Arizona), Mexico (Baja California). Refs. – Kertész, 1909: 136 (cat.); Hull, 1962 (1): 278 (as syn. of *semiustus* Coquillett, 1904); Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 130 (in key); Martin & Papavero, 1970: 35 (cat.).

combustus Loew of Back, 1909: 351, part, misident.

bryanti Wilcox, 1966a: 130 (in key), 132. Type-locality: U. S. A., Arizona, Baboquivari Canyon, west side of Baboquivari Mountains. Distr. – U. S. A. (Arizona, New Mexico), Mexico. Type, CAS.

carbonarius (Philippi), 1865: 687 (*Dasyopogon*). Type-locality: Chile, Colchagua and Valdivia. Distr. – Chile. Refs. – Bigot, 1878: 221; Williston, 1891: 68 (cat.; *Sarapogon*); Kertész, 1909: 136 (cat.); Bromley, 1932: 267 (*Dasyopogon*); Hull, 1962 (1): 278; Martin & Papavero, 1970: 36 (cat.; *Araiopogon*).

choapensis (Artigas), 1970a: 67, fig. 442 (*Araiopogon*). Type-locality: Chile, Coquimbo, Choapa. Distr. – Chile (Coquimbo). Type, DZUC.

combustus Loew, 1874: 373. Type-locality: U. S. A., Texas. Distr. – U. S. A. (Colorado, Nebraska, Kansas, Oklahoma, Texas), Mexico (Coahuila). Refs. – Osten Sacken, 1874: 185; Williston, 1883: 23; Bromley, 1935: 3; Baker, 1939: 168; Hull, 1962 (1): 277; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 129, 130 (in key). Type, MCZ.

adustus Loew, 1874: 375. Type-locality: U. S. A., Texas. Ref. – Osten Sacken, 1874: 185.

coquilletti Back, 1909: 348. Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Chihuahua). Refs. – Curran, 1930b: 3 (in key), 1931b: 2 (in key); Hull, 1962 (1): 277; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 129 (in key); Martin & Papavero, 1970: 35 (cat.). Type, USNM.

dispar Coquillett, 1902: 139. Type-locality: U. S. A., Texas. Distr. – U. S. A. (Georgia, Oklahoma, Texas), Mexico (Tamaulipas).

- Refs. – Aldrich, 1905: 263 (cat.); Kertész, 1909: 137 (cat.); Hine, 1918: 3; Curran, 1930b: 2, 3 (in key), 1931b: 2; Fattig, 1945: 17; Hull, 1962 (1): 277; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 129 (in key); Martin & Papavero, 1970: 35 (cat.); Artigas & Papavero, 1988b: 248, fig. 144, 249, figs. 146-150. Type, USNM.
- fraternus** Bigot, 1878: 414. Type-locality: “Chile”. Neotype-locality: Chile, Choapa, Illapel. Distr. – Chile (Arauco, Coquimbo, Santiago). Refs. – Williston, 1891: 74 (cat.; *Sarapogon*); Bromley, 1932: 266; Stuardo Ortiz, 1946: 82 (cat.); Hull, 1962 (1): 278; Artigas, 1970a: 72, figs. 166-167, 432 (*Araiopogon*), 1971: 9, figs. 5-6 (*Araiopogon*); Martin & Papavero, 1970: 36 (cat.; *Araiopogon*). Type, lost. NT DZUC [des. by Artigas, 1970a: 72].
- fulvicornis** (Macquart), 1850: 372 (1850: 68), pl. 6, fig. 12 (*Dasyopogon*). Type-locality: Chile, Coquimbo. Distr. – Chile (Coquimbo, Santiago). Refs. – Blanchard, 1852: 366 (*Dasyopogon*); Philippi, 1865: 685 (*Dasyopogon*); Schiner, 1868: 163 (*Scylaticus*); Bigot, 1878: 221 (*Triclis*); Brauer, 1885: 385, pl., figs. 7a-c (*Scylaticus*); Williston, 1891: 72 (cat.; *Scylaticus*); Kertész, 1909: 103 (cat.; *Scylaticus*); Stuardo Ortiz, 1946: 80 (cat.; *Pritchardia*); Carrera, 1953a: 276 (*Araiopogon*); Hull, 1962: 282 (*Araiopogon*); Carrera & Papavero, 1962: 60 (*Oberon*); Hull, 1962 (1): 145 (*Scylaticus*), 282 *Araiopogon*); Artigas, 1970a: 152, figs. 133-134, 138, 469 (*Oberon*), 1971: 10, figs. 7, 9-10 (*Araiopogon*); Martin & Papavero, 1970: 37 (cat.; *Oberon*). Syntypes, MNHNP.
- fulvipes** (Philippi), 1865: 706 (*Deromyia*). Type-locality: Chile, Santiago. Neotype-locality: Chile, Santiago, Peñalolén. Distr. – Chile (Biobío, Maule, Santiago, Valparaíso). Refs. – Stuardo Ortiz, 1946: 82 (cat.; *Deromyia*); Artigas, 1970a: 154, figs. 135-137, 139-141, 435 (*Oberon*); Martin & Papavero, 1970: 37 (cat.; *Oberon*). Type, lost. NT DZUC [des. by Artigas, 1970a: 154].
- gayi** (Macquart), 1838: 37 (1839: 153) (*Dasyopogon*). Type-locality: “Chile”. Distr. – Chile (Aconcagua, Arauco, Atacama, Coquimbo, O’Higgins, Santiago, Talca, Valparaíso). Refs. – Blanchard, 1852: 365, pl. 3, figs. 1a-d (*Dasyopogon*); Walker, 1854: 434 (*Dasyopogon*); Philippi, 1865: 685 (*Dasyopogon*); Williston, 1891: 74 (cat.); Kertész, 1909: 138 (cat.); Brèthes, 1918: 49 (*Dasyopogon*); Stuardo Ortiz, 1946: 82 (cat.); Carrera, 1949: 123 (*Araiopogon*), 1953a: 275 (*Araiopogon*); Hull, 1962 (1): 282, figs. 555, 1157, 1166, 1762, 1853, 1858 (*Araiopogon*); Martin & Papavero, 1970: 36 (cat.; *Araiopogon*); Knutson, 1971: 248 (*Trachysphyrus nigricornis* (Brulé) (Hymenoptera: Ichneumonidae) as prey). Syntypes, MNHNP.
- chalybeiventris* Loew, 1851: 5 (*Dasyopogon* (*Saropogon*)). Type-locality: Chile”. Ref. – Carrera, 1949: 123 (*Araiopogon*, syn.). Type, BZM [no. 434; cf. Schumann, 1973: 96].
- hyacinthinus* Bigot, 1878: 413. Type-locality: “Chile”. Refs. – Williston, 1891: 74 (cat.; *Sarapogon*); Kertész, 1909: 138 (cat.); Bromley, 1932: 266; Stuardo Ortiz, 1946: 82 (cat.); Hull, 1962 (1): 278. Type, OXF.
- hypomelas** (Loew), 1866: 24 (Cent. 7, no. 42) (*Diogmites*). Type-locality: U. S. A., ?New Mexico. Distr. – U. S. A. (New Mexico, Texas), Mexico (Nuevo León). Refs. – Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 130 (in key); Martin & Papavero, 1970: 35 (cat.). Type, MCZ.
- melisoma** (Carrera & Papavero), 1962: 60 (*Araiopogon*). Type-locality: Argentina, Tucumán. Distr. – Argentina (Tucumán). Ref. – Martin & Papavero, 1970: 36 (cat.; *Araiopogon*). Type, MZUSP.
- mellipes** Bromley, 1934b: 336. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Distr. – Guyana. Refs. – Carrera, 1949: 125 (says it may belong in *Cleptomyia*); Martin & Papavero, 1970: 36 (cat.). Type, AMNH.
- nigrinasutus** Bigot, 1878: 414. Type-locality: “Chile”. Distr. – Chile. Refs. – Williston, 1891: 74 (cat.; *Sarapogon*); Kertész, 1909: 139 (cat.); Bromley, 1932: 266; Stuardo Ortiz, 1946: 82 (cat.); Hull, 1962 (1): 278; Artigas, 1970a: 168, figs. 181-182; Martin & Papavero, 1970: 36 (cat.). Type, OX.
- nitidus** Wilcox, 1966a: 130 (in key), 135. Type-locality: U. S. A., Texas, Brewster County, Lajitas. Distr. – U. S. A. (Texas), Mexico (Coahuila). Ref. – Martin & Papavero, 1970: 36 (cat.). Type, CAS.
- perniger** Schiner, 1868: 166. Type-locality: “Chile”. Distr. – Chile. Refs. – Williston, 1891: 74 (cat.); Kertész, 1909: 139 (cat.); Stuardo Ortiz, 1946: 82 (cat.); Hull, 1962 (1): 278; Artigas, 1970a: 76 (*Araiopogon*); Martin & Papavero, 1970: 36 (cat.; *Araiopogon*). Type, NMW.
- pulcherrimus** Williston, 1901: 312, pl. 6, fig. 3 (as *pulcherrima*, error). Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 263 (cat.); Kertész, 1909: 139 (cat.); Curran, 1930b: 2 (in key; as *pulcherrima*, error), 1931b: 1 (in key); Hull, 1962 (1): 278; Martin & Papavero, 1970: 36 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, BMNH, AMNH.
- purus** Curran, 1930b: 3. Type-locality: U. S. A., Arizona, Baboquivari Mountains, Kits Peak Rincon. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Curran, 1931b: 1, 2 (in key); Hull, 1962 (1): 277; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 129, 130 (in key); Martin & Papavero, 1970: 36 (cat.). Type, AMNH.
- semiustus** Coquillett, 1904b: 186. Type-locality: U. S. A., California. Distr. – U. S. A. (California), Mexico (Sonora). Refs. – Kertész, 1909: 140 (cat.); Curran, 1930b: 3 (in key), 1931b: 2 (in key); Hull, 1962 (1): 278; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 130 (in key); Martin & Papavero, 1970: 36 (cat.). Type, USNM.
- senex** Osten Sacken, 1887: 179. Type-locality: Mexico, Sinaloa, Presio, near Mazatlán. Distr. – U. S. A., Mexico (Sinaloa, Durango, Jalisco, Sonora). Refs. – Aldrich, 1905: 263 (cat.); Kertész, 1909: 140 (cat.); Hull, 1962 (1): 278; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 128 (in key); Martin & Papavero, 1970: 36 (cat.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- aridus* Curran, 1930b: 3. Type-locality: U. S. A., Arizona, Sierritas, Back Dike Prospect. Type, AMNH.
- solus** Bromley, 1951: 15. Type-locality: U. S. A., Texas, Hidalgo County. Distr. – U. S. A. (Texas). Refs. – Hull, 1962 (1): 278; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1966a: 128 (in key). Type, USNM.

velutinus (Carrera & Papavero), 1962: 58, figs. 3-5 (*Oberon*). Type-locality: Argentina, Misiones, Loreto. Distr. – Argentina (Misiones). Type, MZUP.

wilcoxi Papavero, 1971b: 161, figs. 1-3. Type-locality: Mexico, Morelos, Cuernavaca. Distr. – Mexico (Morelos). Type, CAS.

Genus **Taracticus** Loew, 1872

Taracticus Loew, 1872a: 64 (Cent. 10, no. 24). Type-species, *Dioctria octopunctata* Say, 1823 (mon.). Ref. – Artigas & Papavero, 1988: 239, fig. 104, 250, figs. 151-156.

Dioctrodes Coquillett, 1904b: 181. Type-species, *Dioctrodes flavipes* Coquillett, 1904 (orig. des.) = *Taracticus octopunctatus* (Say, 1823).

Ceraturgus Wiedemann of authors, misident.

Two species known as fossils: *Taracticus contusus* Cockerell (1910: 282) and *Taracticus renovatus* Cockerell (1911: 80) (Oligocene; U. S. A., Colorado).

aciculatus Pritchard, 1938b: 179 (in key), 180. Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero, Jalisco). Refs. – Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.). Type, MINN.

argentifacies James, 1953: 55. Type-locality: Honduras, Morazán. Distr. – Honduras. Refs. – Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.). Type, MICH.

dimidiatus (Macquart), 1847: 51 (1847: 35) (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico (Veracruz). Refs. – Walker, 1847: 428 (*Dasygogon*); Bellardi, 1861: 61 (*Ceraturgus*); Osten Sacken, 1874: 177 (*Ceraturgus*); Aldrich, 1905: 258 (cat.; *Ceraturgus*); Kertész, 1909: 97 (cat.; *Ceraturgus*); Hull, 1962 (1): 169 (?*Ceraturgus*); Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.). Type, OXF.

geniculatus (Bigot), 1878: 443 (*Ceraturgus*). Type-locality: “Mexico”. Refs. – Williston, 1883: 33 (*Ceraturgus*); Aldrich, 1905: 258 (cat.; *Ceraturgus*); Kertész, 1909: 97 (cat.; *Ceraturgus*); Hull, 1962 (1): 169; Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2001: 122 (hist. Mexican dipterol.). Type, OXF.

guerrerensis Pritchard, 1938b: 179 (in key), 184. Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero). Refs. – Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.). Type, MINN.

nigrimystaceus Williston, 1901: 313, pl. 5, fig. 23. Type-locality: Mexico, Guerrero, Zucumanatlán, 7000 ft. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 266 (cat.); Kertész, 1909: 143 (cat.); Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol.). Type, BMNH.

nigripes Williston, 1901: 313. Type-locality: Mexico, Guerrero, Xucumatlán, Omiltemi and Chilpancingo. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 258 (cat.); Kertész, 1909: 97 (cat.); Pritchard, 1938b: 180 (in key), 185; Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol.). Syntypes, BMNH, SMTD [cf. Kallweit, 1992: 196].

rufipennis (Macquart), 1847: 48 (1847: 32) (*Ceraturgus*). Type-locality: “Mexico”. Refs. – Walker, 1854: 378 (*Ceraturgus*); Bellardi, 1861: 59 (*Ceraturgus*); Osten Sacken, 1874: 177 (*Ceraturgus*); Aldrich, 1905: 258 (cat.; *Ceraturgus*); Kertész, 1909: 97 (cat.; *Ceraturgus*); Hull, 1962 (1): 169; Martin & Papavero, 1970: 35 (cat.; n. comb.); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.). Type, OXF.

similis Williston, 1901: 312. Type-locality: Mexico, Guerrero, Omiltemi and Sierra de las Aguas Escondidas, 5000-6000 ft. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 266 (cat.); Kertész, 1909: 143 (cat.); Pritchard, 1938b: 180 (in key), 187; Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol.). Type, BMNH.

vitripennis (Bellardi), 1861: 160 (60) (*Ceraturgus*). Type-locality: Mexico, Morelos, Cuautla. Distr. – Mexico (Jalisco, Guerrero, Chiapas). Refs. – Osten Sacken, 1874: 177 (*Ceraturgus*); Snow, 1896: 179; Williston, 1901: 313; Aldrich, 1905: 266 (cat.); Kertész, 1909: 143 (cat.); Pritchard, 1938b: 179 (in key), 181; Hull, 1962 (1): 272; Martin & Papavero, 1970: 35 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol.). Type, TORO.

Genus **Tocantinia** Carrera, 1955

Tocantinia Carrera, 1955a: 102. Type-species, *Dasygogon miser* Walker, 1854 (orig. des.).

misera (Walker), 1854: 433 (*Dasygogon*). Type-locality: Brazil, Pará, rio Tapajós. Distr. – Brazil (Pará). Refs. – Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 230 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Carrera, 1955a: 103 (n. comb.); Hull, 1962 (1): 281, figs. 564, 1128, 1137; Martin & Papavero, 1970: 37 (cat.); Artigas & Papavero, 1988b: 239, fig. 101. Type, BMNH.

Tribe Isopogonini G. H. Hardy, 1948

Isopogonini G. H. Hardy, 1948: 118. Type-genus, *Isopogon* Loew, 1847 = *Leptarthrus* Stephens, 1829. Ref. – Dikow, 2003: 463.

Genus Alvarenga Carrera, 1960

Alvarenga Carrera, 1960a: 159. Type-species, *Alvarenga icarius* Carrera, 1960 (orig. des.).

icarius Carrera, 1960a: 160, figs. 7-10. Type-locality: Brazil, Paraíba, Soledade, Juazeirinho. Distr. – Brazil (Ceará, Paraíba). Refs. – Hull, 1962 (2): 596; Martin & Papavero, 1970: 33 (cat.); Artigas & Papavero, 1988b: 221, figs. 1-9. Type, MNRJ.

matilei Papavero, 1971d: 24. Type-locality: Argentina, Chaco de Santiago del Estero, margins of the rio Salado, near Icaño. Distr. – Argentina (Santiago del Estero). Ref. – Artigas & Papavero, 1988b: 222, figs. 10-13. Type, MNHNP.

Genus Annamyia Pritchard, 1941

Annamyia Pritchard, 1941a: 131. Type-species, *Annamyia maren* Pritchard, 1941 (orig. des.).

maren Pritchard, 1941a: 132, fig. 1. Type-locality: Brazil, Minas Gerais, Diamantina. Distr. – Brazil (Minas Gerais). Refs. – Carrera, 1949: 131; Hull, 1962 (1): 266, figs. 172, 562, 1146, 1155, 1582, 1583, 1700, 1836; Martin & Papavero, 1970: 33 (cat.). Type, USNM.

Genus Aphemartania Schiner, 1866

Aphemartania Schiner, 1866: 671. Type-species, *Aphemartania frauenfeldi* Schiner, 1866 (orig. des.).

breviventris (Macquart), 1848: 181 (1848: 21), pl. 1, fig. 13 (*Dasyopogon*). Type-locality: “Rio Negro”. Refs. – Walker, 1854: 435 (*Dasyopogon*); Williston, 1891: 73 (*Theromyia*); Hull, 1962 (1): 263; Papavero, 1971: 21; Martin & Papavero, 1970: 32 (cat.). Type, OXF.

beviventris Kertész, 1909: 143 (cat.), error.

rufiventris Bromley, 1946: 108, error.

digna Pritchard, 1941a: 137, fig. 2. Type-locality: Peru, Huánuco, Shishmay. Distr. – Peru (Huánuco). Refs. – Carrera, 1949: 128; Hull, 1962 (1): 263; Martin & Papavero, 1970: 32 (cat.). Type, USNM.

flavipennis (Macquart), 1846: 192 (1846: 64), pl. 7, fig. 4 (*Dasyopogon*). Type-locality: “Colombia” (as “Nouvelle Grenade”). Ref. – Papavero, 1971d: 21 (n. comb.). Type, OXF.

frauenfeldi Schiner, 1866: 671 (only name cited, but species not described), 1868: 372 (descr.). Type-locality: “Venezuela”. Distr. – Panama, Venezuela, ?Bolivia. Refs. – Williston, 1891: 73 (cat.); Kertész, 1909: 144 (cat.); Engel, 1930: 468; Pritchard, 1941a: 136; Carrera, 1949: 127; Hull, 1962 (1): 263, 183, 554, 1143, 1152; Martin & Papavero, 1970: 32 (cat.). Type, NMW.

panamensis Curran, 1931b: 5 (in key), 6 (*Cophura*). Type-locality: Panama, Canal Zoner, Barro Colorado I. Type, AMNH.

knutsoni Papavero, 1971d: 53, figs. 1-3. Type-locality: Panama, Potrerillos. Distr. – Panama. Type, USNM.

maculipennis (Macquart), 1838: 37 (1839: 133), pl. 3, fig. 8 (*Dasyopogon*). Type-locality: Brazil, western Minas Gerais. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná), Argentina (Misiones). Refs. – Walker, 1854: 436 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 129 (cat.; *Dasyopogon*); Carrera, 1945b: 170; Bromley, 1946: 107 (cat.; *Dasyopogon*); Carrera, 1949: 128; Hull, 1962 (1): 228 (*Dasyopogon*), 263, figs. 174, 551, 1145, 1154, 1856, 1951 [*Aphemartania*]; Martin & Papavero, 1970: 32 (cat.). Type, MNHNP.

pritchardi Carrera, 1943: 120, pl. 10. Type-locality: Brazil, Paraná, Curitiba. Refs. – Carrera, 1949: 129, figs. 64, 93, 153, 158, 183, 1960: 161; Carrera & Papavero, 1962: 62; Hull, 1962 (1): 263; Martin & Papavero, 1970: 32 (cat.); Papavero, 1971d: 23 (n. syn.); Martin & Papavero, 1988: 224, fig. 20. Type, MZUSP.

marga Pritchard, 1941a: 138, fig. 4. Type-locality: Argentina, Tucumán. Distr. – Argentina (Tucumán). Refs. – Carrera, 1949: 130; Carrera & Papavero, 1962: 62; Hull, 1962 (1): 263; Martin & Papavero, 1970: 32 (cat.). Type, USNM.

Genus *Aspidopyga* Carrera, 1949

Aspidopyga Carrera, 1949: 132. Type-species, *Aspidopyga cophuroides* Carrera, 1949 (orig. des.).

cophuroides Carrera, 1949: 133, figs. 4, 65, 92, 121, 127-131, 182. Type-locality: Brazil, Rio de Janeiro, Palmeiras. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Carrera, 1960a: 161; Carrera & Papavero, 1962: 62; Hull, 1962 (1): 268, figs. 479, 1141, 1150, 1725, 1729; Martin & Papavero, 1970: 33 (cat.); Artigas & Papavero, 1988b: 223, figs. 14-19, 224, fig. 21. Type, IOC.

Genus *Cophura* Osten Sacken, 1887

Blax Loew, 1872a: 65 (Cent. 10, no. 24) (preocc. Koch, 1840). Type-species, *Blax bellus* Loew, 1872 (mon.).

Blacodes Loew, 1874a: 377 (*nom. nov.* for *Blax* Loew, 1872, but preocc. Dejean, 1859). Type-species, *Blax bellus* Loew, 1872 (aut.).

Cophura Osten Sacken, 1887: 181. Type-species, *Cophura sodalis* Osten Sacken, 1887 (mon.).

Loewiella Williston, 1896b: 57 (*nom. nov.* for *Blacodes* Loew, 1874, but preocc. Meunier, 1894). Type-species, *Blax bellus* Loew, 1872 (aut.).

Buckellia Curran, 1925b: 156. Type-species, *Cophura albosetosa* Hine, 1908 (orig. des.).

One species known as fossil: *Cophura antiquella* Cockerell (1913: 213, Oligocene; U. S. A., Colorado).

acapulcae Pritchard, 1943: 285 (in key), 302. Type-locality: Mexico, Guerrero, Acapulco. Distr. – Mexico (Guerrero). Refs. – Hull, 1962 (1): 270, fig. 529; Martin & Papavero, 1970: 33 (cat.). Type, MINN.

apotma Pritchard, 1943: 284 (in key), 301. Type-locality: Mexico, Puebla, Tehuacán. Distr. – Mexico (Puebla). Refs. – Martin & Papavero, 1970: 33 (cat.). Type, MINN.

apatma Hull, 1962 (1): 270, error.

arizonensis (Schaeffer), 1916: 65 (*Lasiocnemus*). Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona, New Mexico), Mexico (Sonora). Refs. – Pritchard, 1943: 284 (in key), 299; Hull, 1962 (1): 270; Martin & Wilcox, 1965: 364 (cat.); Wilcox, 1965b: 809 (in key), fig. 1; Artigas & Papavero, 1988b: 226, figs. 29-33, 227, fig. 34.

drakei Pritchard, 1935: 6 (*Buckellia*). Type-locality: U. S. A., Arizona.

atypha Pritchard, 1943: 284 (in key), 301. Type-locality: Mexico, Puebla, Tehuacán. Distr. – Mexico (Guerrero, Puebla). Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, MINN.

bella (Loew), 1872a: 63 (Cent. 10, no. 24) (*Blax*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Arizona, New Mexico, Texas), Mexico (Jalisco, Nayarit, Sinaloa). Refs. – Coquillett, 1893b: 33 (*Blacodes*); Aldrich, 1905: 266 (cat.); Back, 1909: 379; Curran, 1930b: 5 (in key); Bromley, 1934a: 102; Pritchard, 1943: 285 (in key), 291, fig. 1; Hull, 1962 (1): 270; Martin & Wilcox, 1965: 367 (cat.); Wilcox, 1965b: 807 (in key), fig. 1; Martin & Papavero, 1970: 34 (cat.); Artigas & Papavero, 1988: 227, fig. 35. Type, MCZ.

calla Pritchard, 1943: 285 (in key), 303. Type-locality: Mexico, Guerrero, Iguala. Distr. – Mexico (Guerrero, Puebla). Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, MINN.

cora Pritchard, 1943: 284 (in key), 299. Type-locality: Mexico, Puebla, Tehuacán. Distr. – Mexico (Puebla). Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, MINN.

dammersi Wilcox, 1965b: 807, fig. 1. Type-locality: U. S. A., California, Imperial County, 25 miles south of Oasis. Distr. – U. S. A. (California), Mexico (Baja California). Type, CAS.

daphne Pritchard, 1943: 283 (in key), 290. Type-locality: Mexico, Morelos, Cuernavaca. Distr. – U. S. A. (Arizona), Mexico (Morelos). Refs. – Hull, 1962 (1): 270; Martin & Wilcox, 1965: 367 (cat.); Martin & Papavero, 1970: 34 (cat.). Type, USNM.

feigei Kaletta, 1983: 302. Type-locality: Venezuela, Miranda, Los Moralitos. Distr. – Venezuela (Miranda). Type, IZAUCV.

gellergrimmi Papavero, *nom. nov.* for *wilcoxi* Kaletta, 1983. Type-locality: Venezuela, Guárico, San Francisco de Tiznados. Distr. – Venezuela (Guárico). [Dedicated to Dr. Fritz Geller-Grimm, Museum of Wiesbaden].

wilcoxi Kaletta, 1983: 301 (preocc. Pritchard, 1935). Type-locality: Venezuela, Guárico, San Francisco de Tiznados. Type, IZAUCV.

getzendaneri Wilcox, 1959: 123, fig. (p. 126), 127 (in key). Type-locality: U. S. A., California, Indio. Distr. – U. S. A. (California, Arizona), Mexico (Baja California). Refs. – Martin & Wilcox, 1965: 367 (cat.); Wilcox, 1965b: 806 (in key), fig. 1; Martin & Papavero, 1970: 34 (cat.). Type, CAS.

humilis (Bellardi), 1861: 177 (77) (?*Dasyopogon*). Type-locality: Mexico, Morelos, Cuautla. Distr. – Mexico (Guerrero, Jalisco). Refs. – Osten Sacken, 1874: 180 (*Anisopogon*); Aldrich, 1905: 263 (cat.; *Heteropogon*); Kertész, 1909: 65 (cat.; *Heteropogon*); Curran, 1930b: 5 (in key); Pritchard, 1943: 284 (in key), 289; Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.

sodalis Osten Sacken of Williston, 1901: 314, misident.

igualae Pritchard, 1943: 284 (in key), 300. Type-locality: Mexico, Guerrero, Iguala. Distr. – Mexico (Guerrero). Refs. – Hull,

- 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, Pritchard Coll.
- incerta** (Becker), 1919: 165 (*Metapogon*). Type-locality: Ecuador, Casitagua, 3500 m; Loja, 2220 m; Cuenca, 2532 m. Lectotype-locality: Ecuador, Casitagua, 3500 m. Distr. – Ecuador. Refs. – Hull, 1962 (1): 203 (*Metapogon*); Martin & Papavero, 1970: 89 (*Metapogon*); Papavero, 1971: 23 (n. comb.). Lectotype MNHNP [des. by Papavero, 1971d: 23].
- sundra* Pritchard, 1943: 294 (in key), 295. Type-locality: Ecuador, Pondoá. Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, MINN.
- nephressa** Pritchard, 1943: 285 (in key), 292. Type-locality: Mexico, Nuevo León, Galeana, 5000–6000 ft. Distr. – Mexico (Nuevo León). Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, MCZ.
- painteri** Pritchard, 1943: 285 (in key), 293. Type-locality: U. S. A., Arizona, Safford. Distr. – U. S. A. (California, Arizona), Mexico (Baja California, Sonora). Refs. – Hull, 1962 (1): 270; Martin & Wilcox, 1965: 367 (cat.); Wilcox, 1965b: 812, fig. 1. Type, Painter coll.
- picta** Carrera, 1955a: 106, fig. 2. Type-locality: “Ecuador”. Distr. – Ecuador. Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). Type, BMNH.
- pollinosa** Curran, 1930a: 10. Type-locality: U. S. A., Arizona, Baboquivari Mountains, Kits Peak Rincon, 4050 ft. Distr. – U. S. A. (Arizona, Colorado, Utah), Mexico (Coahuila, Sonora). Refs. – Pritchard, 1935: 6 (in key), 7 (*Buckellia*), 1943: 285 (in key), 304; Hull, 1962 (1): 270, fig. 1981; Martin & Wilcox, 1965: 367 (cat.); Wilcox, 1965b: 809 (in key), fig. 1; Martin & Papavero, 1970: 34 (cat.); Nelson, 1987: 61. Type, AMNH.
- lutzi* Curran, 1931b: 5 (in key), 7. Type-locality: U. S. A., Colorado, Regnier. Refs. – Bromley, 1935: 3; Pritchard, 1935c: 6 (in key), 7 (*Buckellia*); Baker, 1939: 170 (*Buckellia*); Pritchard, 1943: 285 (in key), 305. Type, AMNH.
- wilcoxi* Pritchard, 1935: 8 (*Buckellia*). Type-locality: U. S. A., Arizona. Ref. – Martin & Wilcox, 1965: 367 (cat.; syn.).
- pulchella** Williston, 1901: 314, pl. 5, fig. 14. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – U. S. A. (Utah), Mexico (Guerrero). Refs. – Aldrich, 1905: 266 (cat.); Kertész, 1909: 142 (cat.); Curran, 1930b: 5 (in key); Pritchard, 1943: 284 (in key), 297; Hull, 1962 (1): 270; Martin & Wilcox, 1965: 367 (cat.); Martin & Papavero, 1970: 34 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, AMNH.
- sodalis** Osten Sacken, 1887: 181, pl. 3, fig. 13. Type-locality: Mexico, Sinaloa, Presio, near Mazatlán. Distr. – Mexico (Sinaloa, Sonora). Refs. – Williston, 1901: 314; Aldrich, 1905: 266 (cat.); Kertész, 1909: 142 (cat.); Curran, 1930b: 5 (in key); Pritchard, 1943: 283 (in key), 289, figs. 3, 5; Hull, 1962 (1): 270, figs. 149, 1122, 1131, 1821, 1854; Martin & Wilcox, 1965: 367 (cat.); Wilcox, 1965b: 807; Martin & Papavero, 1970: 34 (cat.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- tanbarki** Wilcox, 1965b: 811. Type-locality: U. S. A., California, Los Angeles County, Tanbark Flat. Distr. – U. S. A. (California), Mexico (Baja California). Type, CAS.
- tolandi** Wilcox, 1959: 125, fig. (p. 126), 127 (in key). Type-locality: U. S. A., California, Riverside County, White Water. Distr. – U. S. A. (California, Arizona), Mexico (Baja California). Ref. – Martin & Wilcox, 1965: 367 (cat.). Type, CAS.
- willistoni** Pritchard, 1943: 284 (in key), 290 (*nom. nov.* for *humilis* Williston, 1901). Type-locality: Mexico, Guerrero, Tepetlapa. Distr. – Mexico (Guerrero, Veracruz). Refs. – Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.). g
- humilis* Williston, 1901: 315 (preocc. Bellardi, 1861). Type-locality: Mexico, Guerrero, Tepetlapa. Refs. – Aldrich, 1905: 266 (cat.); Kertész, 1909: 142 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- zandra** Pritchard, 1943: 284 (in key), 294. Type-locality: Peru, Cajamarca, Celendia. Distr. – Peru (Cajamarca), Argentina. Refs. – Carrera & Papavero, 1962: 63; Hull, 1962 (1): 270; Hull, 1962 (1): 270; Martin & Papavero, 1970: 34 (cat.); Lamas M., 1972: 308. Type, MINN.

Genus **Hodophylax** James, 1933

- Hodophylax** James, 1933: 1. Type-locality: *Hodophylax aridus* James, 1933 (orig. des.). Ref. – Artigas & Papavero, 1988b: 230, fig. 49.
- basingeri** Pritchard, 1938c: 130, fig. Type-locality: U. S. A., California, San Bernardino County, Quail Spring. Distr. – U. S. A. (California), Mexico (Baja California, Sonora). Refs. – Wilcox, 1961: 113 (in key and text); Hull, 1962 (1): 267; Martin & Wilcox, 1965: 374 (cat.); Martin & Papavero, 1970: 33 (cat.); Artigas & Papavero, 1988b: 228, figs. 37–43. Type, Basinger Coll.
- tolandi** Wilcox, 1961: 113 (in key), 114. Type-locality: U. S. A., Arizona, Shumway. Distr. – U. S. A. (Arizona), Mexico (Chihuahua, Nuevo León, Zacatecas). Refs. – Martin & Wilcox, 1965: 374 (cat.); Martin & Papavero, 1970: 33 (cat.). Type, CAS.

Genus **Niocles** Jaenicke, 1867

- Pygostylus* Loew, 1866: 16 (Cent. 7, no. 28) (preocc. Haliday, 1833). Type-species, *Pygostolus argentifer* Loew, 1866 (sub.

Papavero

des., Coquillett, 1910: 598) = *Nicocles politus* (Say, 1823).

Nicocles Jaenicke, 1867: 355. Type-species, *Nicocles analis* Jaenicke, 1867 (mon.).

Ref. – Artigas & Papavero, 1988b: 229, figs. 44-48, 230, fig. 50.

One species known as fossil: *Nicocles miocenicus* Cockerell (1909: 155) (Oligocene; U. S. A., Colorado).

analis Jaenicke, 1867: 355, pl. 43, fig. 13. Type-locality: “Mexico”. Distr. – Mexico (Distrito Federal, Durango, Jalisco, Hidalgo, Oaxaca, Puebla). Refs. – Aldrich, 1905: 267 (cat.); Kertész, 1909: 141 (cat.); Hull, 1962 (1): 259; Martin & Papavero, 1970: 31 (cat.); Papavero & Ibáñez Bernal, 2001: 114 (hist. Mexican dipterol).

bromleyi D. E. Hardy, 1943: 28, figs. 4a-d. Type-locality: U. S. A., Arizona, Huachuca Mountains, Sunnyside Canyon. Distr. – U. S. A. (Arizona), Mexico (Aguascalientes, Chihuahua, Durango, Jalisco, Zacatecas). Refs. – Hull, 1962 (1): 259; Martin & Wilcox, 1965: 380 (cat.); Martin & Papavero, 1970: 31 (cat.). Type, KU.

Genus *Theromyia* Williston, 1891

Cylindrophora Philippi, 1865: 704 (preocc. Solier, 1849). Type-species, *Cylindrophora murina* Philippi, 1865 (mon.).

Lynchia Williston, 1889: 225 (*nom. nov.* for *Cylindrophora* Philippi, 1865, but preocc. Weyenbergh, 1882). Type-species, *Cylindrophora murina* Philippi, 1865 (aut.).

Myiothera Williston, 1889: 229 (*nom. nov.* for *Lynchia* Williston, 1889, but preocc. Illiger, 1811). Type-species, *Cylindrophora murina* Philippi, 1865 (aut.).

Theromyia Williston, 1891: 73 (cat.; *nom. nov.* for *Myiothera* Williston, 1889). Type-species, *Cylindrophora murina* Philippi, 1865 (aut.).

murina (Philippi), 1865: 704 (*Cylindrophora*). Type-locality: “Chile”. Neotype-locality: Chile, Valparaíso, Algarrobo. Distr. – Chile (Aconcagua, Arauco, Cautín, Concepción, Coquimbo, Curicó, Linares, Malleco, Maule, Santiago, Valparaíso). Refs. – Williston, 1889: 255 (*Lynchia*), 159 (*Myiothera*), 1891: 73 (*Theromyia*); Kertész, 1909: 144 (*Aphamartania*); Bromley, 1932: 266 (*Aphamartania*); Pritchard, 1941a: 135, fig. 3 (*Aphamartania*); Stuardo Ortiz, 1946: 83 (cat.; *Aphamartania*); Carrera, 1949: 130, figs. 98, 135-136, 1953a: 276; Hull, 1962 (1): 262, figs. 170, 1142, 1151, 1874, 1908; Artigas, 1970a: 184, figs. 184-191, 462; Martin & Papavero, 1970: 32 (cat.); Artigas, 1971: 13, figs. 21-22. Type, lost. NT DZUC [des. by Artigas, 1970a: 184].

calopyga Schiner, 1868: 166 (*Cylindrophora*). Type-locality: “Chile”. Refs. – Williston, 1891: 73 (*Theromyia*); Kertész, 1909: 144 (cat.; *Aphamartania*). Type, lost.

nana (Pritchard), 1941a: 135 (*Aphamartania*). Type-locality: Peru, Lima, Verrugas Canyon, 7000 ft. Distr. – Peru (Huánuco, Lima). Refs. – Hull, 1962 (1): 263; Martin & Papavero, 1970: 32 (cat.); Lamas M., 1972: 308. Type, USNM.

pegnai Artigas, 1970a: 187, figs. 192-196, 443. Type-locality: Chile, Colchagua, Lolol. Distr. – Chile (Colchagua, Santiago). Refs. – Artigas, 1971: 14, figs. 19-20; Artigas & Papavero, 1988: 231, figs. 52-57. Type, DZUC.

Tribe Lastaurini Papavero, 1973

Lastaurini Papavero, 1973b: 277. Type-genus, *Lastaurus* Loew, 1851.

Blepharepiini Papavero, 1973b: 276, 277. Type-genus, *Blepharepium* Rondani, 1848.

Lastauracini Sabrosky, 1999: 172, error.

Genus *Apolastauroides* Artigas & Papavero, 1988

Apolastauroides Artigas & Papavero, 1988b: 208. Type-species, *Apolastauroides kamakusa* Papavero & Artigas, 1988 (orig. des.).

kamakusa Papavero & Artigas, 1988b: 208. Type-locality: Guyana, Mazaruni, Kamakusa. Distr. – Guyana. Type, MZUSP.

Genus **Blepharepium** Rondani, 1848

Blepharepium Rondani, 1848: 89. Type-species, *Blepharepium luridum* Rondani (mon.).

Senobasis Macquart of authors, part, misident.

Planetolestes Lynch Arribálzaga, 1879: 147. Type-species, *Laphria coarctata* Perty, 1833 (orig. des.).

Ref. – Papavero & Bernardi, 1973: 168 (key to spp.).

One species known as fossil: *Blepharepium borealis* (James) (1939: 45; as *Senobasis*) (Oligocene; U. S. A., Colorado).

- annulatum** (Bigot), 1857a: 331, pl. 20, figs. 3, 3a (*Senobasis*). Type-locality: “Cuba”. Distr. – Mexico, Guatemala, Honduras, El Salvador, Costa Rica, Belize, Cuba, Panama, Trinidad, St. Eustatius, Aruba, Bonaire, Colombia and Venezuela. Refs. – Osten Sacken, 1874: 184 (*Diogmites*), 1878: 72, 233 (cat.; *Diogmites*); Williston, 1891: 75 (cat.; *Diogmites*); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Bromley, 1929a: 279, pl. 1, fig. 21; Curran, 1942: 55; Carrera, 1949: 46 (note); Hull, 1962 (1): 233; Papavero & Bernardi, 1973: 172, figs. 4-6, map 3. Type, MNHNP.
- secabilis** Walker, 1860: 276 (*Dasyopogon*). Type-locality: “Mexico”. Refs. – Bellardi, 1861: 63, pl. 1, fig. 4 (?*Saropogon*); Schiner, 1867: 371 (*Senobasis*); Lynch Arribálzaga, 1879: 150 (*Planetolestes*; note), 1881: 24; Osten Sacken, 1874: 184 (*Diogmites*, as syn. of *annulatus* Bigot, 1857), 1887: 171 (*Planetolestes*); Williston, 1891: 76 (cat.); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Bromley, 1929: 279 (in key); Curran, 1942: 55; Carrera, 1949: 53 (part), 1953a: 272; Carrera & d’Andretta, 1961: 68 (prey); Carrera & Papavero, 1962: 47; Hull, 1962 (1): 233; Carrera & Machado-Allison, 1963: 237; Martin, 1965a: 20; Wilcox & Martin, 1965: 265 (cat.); Martin & Papavero, 1970: 28 (cat.); Papavero & Bernardi, 1973: 172 (syn.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.; *Senobasis*); Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). Type, BMNH.
- cajennense** (Fabricius), 1787: 360 (*Asilus*). Type-locality: French Guiana, Cayenne (Rohr) [cf. Papavero, 1971e: 20]. Neotype-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Distr. – Colombia, Venezuela, Trinidad, Guyana, Surinam, Peru, Bolivia, Brazil (Acre, Amazonas). Refs. – Olivier, 1789: 269 (*Asilus*); Fabricius, 1794: 386 (*Asilus*), 1805: 162 (*Laphria*); Wiedemann, 1821: 220 (*Laphria*), 1828: 383 (*Dasyopogon*); Walker, 1854: 442 (*Dasyopogon*); Schiner, 1866: 677 (*Dasyopogon*); Williston, 1891: 67 (cat.; *Dasyopogon*); Kertész, 1909: 126 (cat.; *Dasyopogon*); Curran, 1934c: 334; Hull, 1962 (1): 233; Martin & Papavero, 1970: 27 (cat.); Lamas M., 1972: 307 (cat.); Papavero & Bernardi, 1973: 178, figs. 1-17, map 1; Fisher, 1984: 27; Artigas & Papavero, 1988b: 260, fig. 216. Type, KIEL (only indeterminate remains; cf. Zimsen, 1964: 469). NTMZUSP [des. by Papavero & Bernardi, 1973: 178, 179].
- cayennensis** Gmelin, 1792: 162 (*Asilus*), error. Refs. – Bromley, 1929a: 279 (in key); Curran, 1934c: 334, 1942: 54; Carrera, 1949: 50; Carrera & Machado-Allison, 1963: 237.
- inserens** Walker, 1851: 91. Type-locality: unknown. Ref. – Papavero & Bernardi, 1973: 178 (syn.). Type, BMNH.
- auricincta** Schiner, 1867: 371 (*Senobasis*). Type-locality: “Surinam”. Refs. – Osten Sacken, 1874: 184 (*Diogmites*; as syn. of *auricinctus* Bigot, 1857); Lynch Arribálzaga, 1881: 26 (n. comb.); Williston, 1891: 75 (cat.); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Curran, 1942: 55; Hull, 1962 (1): 233 (cat.); Martin & Papavero, 1970: 27 (cat.); Papavero & Bernardi, 1973: 178 (syn.). Type, NMW.
- inca** Curran, 1942: 54. Type-locality: Peru, Loreto, Iquitos. Refs. – Carrera, 1949: 57; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Papavero & Bernardi, 1970: 178 (syn.). Type, AMNH.
- vorax** Curran, 1942: 53. Type-locality: Peru, La Merced. Refs. – Carrera, 1949: 56; Carrera & d’Andretta, 1953: 65; Carrera & Papavero, 1962: 48; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Papavero & Bernardi, 1973: 178 (syn.). Type, AMNH.
- ssp. **coarctatum** (Perty), 1833: 181, pl. 36, fig. 4 (*Laphria*). Type-locality: Brazil, Amazonas, rio Negro. Distr. – Peru, Bolivia, Brazil (Pernambuco, Mato Grosso, Goiás, Distrito Federal, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Rio Grande do Sul), Paraguay, Uruguay, Argentina (Santiago del Estero, Chaco, Entre Rios, Santa Fe, Misiones, Formosa, Córdoba, Mendoza, Tucumán, Buenos Aires). Refs. – Walker, 1854: 504 (*Dasyopogon*); Lynch Arribálzaga, 1879: 150 (*Planetolestes*), 1881: 24 (n. comb.); Wulp, 1882b: 88; Lynch Arribálzaga, 1883a: 139 (cat.); Williston, 1891: 75 (cat.); Kertész, 1909: 124 (cat.; *Senobasis*); Snow, 1896: 177; Williston, 1901: 310; Aldrich, 1905: 236 (cat.); Kertész, 1909: 124 (cat.; *Senobasis*); Bromley, 1919: 279 (in key); Lindner, 1929: 170 (biol. notes); Engel, 1930: 469; Curran, 1942: 55; Bromley, 1946: 107 (cat.); Carrera, 1947a: 43, 1949: 55, figs. 15, 70, 118; Carrera & d’Andretta, 1961: 68 (prey); Carrera & Papavero, 1962: 47 (part); Hull, 1962 (1): 233, figs. 543, 547, 1067, 1076, 1920; Martin, 1965a: 19; Papavero & Bernardi, 1973: 182, figs. 21-28, map 1 (n. stat.). Type, ZSBS.
- bonariensis** Macquart, 1838: 194 (1839: 310) (*Dasyopogon*). Type-locality: Argentina, Buenos Aires. Refs. – Walker, 1854: 439 (*Dasyopogon*); Lynch Arribálzaga, 1879: 150 (n. comb.; as syn. of *coarctatum* Perty, 1833); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Carrera, 1949: 47; Martin & Papavero, 1970: 27 (cat.); Papavero & Bernardi, 1973: 182, figs. 21-28 (n. status). Type, MNHNP.
- occidens** Walker, 1851: 91 (*Dasyopogon*). Type-locality: unknown (“South America” in type label). Refs. – Walker, 1854: 485 (*Dasyopogon*); Kertész, 1909: 139 (cat.; *Dasyopogon*); Papavero & Bernardi, 1973: 182 (syn.). Type, BMNH.
- lynchi** Carrera, 1949: 51, figs. 71, 171. Type-locality: Argentina, Delta, Abra Vieja. Type, MZUSP. Refs. – Carrera & Papavero, 1962: 49; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Papavero & Bernardi, 1973: 182

(syn.). Type, MZUSP.

secabile Walker of Carrera, 1949: 54, part, misident.

ssp. **cunctabundum** Papavero & Bernardi, 1973: 185, figs. 18-20, map 1. Type-locality: Brazil, São Paulo, Santo André, Distr. – Brazil ((São Paulo, Paraná, Santa Catarina, Rio Grande do Sul). Type, MZUSP.

fuscipennis (Macquart), 1834: 294 (*Dasygogon*; preocc. Wiedemann, 1821). Type-locality: French Guiana, Cayenne. Distr. – Surinam, French Guiana, Peru, Brazil (Pará, Amapá, Rio Grande do Norte, Espírito Santo, Rio de Janeiro). Refs. – Walker, 1854: 439 (*Dasygogon*); Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 128 (cat.; *Dasygogon*); Carrera & d'Andretta, 1953: 66; Hull, 1962 (1): 228 (*Dasygogon*); Martin & Papavero, 1970: 89 (cat.; *Dasygogon*); Papavero & Bernardi, 1973: 186, figs. 29-31, map 2 (n. comb.); Artigas & Papavero, 1988b: 252, figs. 168-172. Type, MNHNP.

insertus Walker, 1851: 94 (*Dasygogon*). Type-locality: Brazil, Pará (i. e., Pará, Belém). Refs. – Walker, 1854: 431 (*Dasygogon*); Williston, 1891: 68, 76 (cat.; *Dasygogon*); Kertész, 1909: 129 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Martin & Papavero, 1970: 89 (cat.); Papavero & Bernardi, 1973: 187 (syn.). Type, BMNH.

maculipennis Macquart, 1855: 71 (1855: 51) (*Senobasis*). Type-locality: unknown. Refs. – Lynch Arribálzaga, 1881: 26; Kertész, 1909: 124 (cat.; *Senobasis*); Carrera, 1949: 49, 1953a: 273; Carrera & Papavero, 1962: 47; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Papavero & Bernardi, 1973: 124 (syn.). Type, lost.

luridum Rondani, 1848: 89. Type-locality: “Brazil” [i. e., Pará, Belém, cf. Papavero, 1973d: 343]. Neotype-locality: Brazil, Pará, Oriximiná. Distr. – Guyana, Surinam, French Guiana, Peru (Loreto), Brazil (Amazonas, Pará, Mato Grosso). Refs. – Lynch Arribálzaga, 1881: 24 (as syn. of *coarctatum* Perty, 1833); Williston, 1891: 75 (cat.; as syn. of *coarctatum* Perty, 1833); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Carrera, 1949: 47, fig. 60 (revalidation of sp.); Carrera & d'Andretta, 1953: 66; Carrera & Papavero, 1962: 47; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Lamas M., 1972: 307 (cat.); Papavero & Bernardi, 1973: 188, figs. 32-34, map 3; Artigas & Papavero, 1988b: 256, fig. 196. Type, lost. NT MZUSP [des. by Papavero & Bernardi, 1973: 188].

modesta Bigot, 1878: 472 (*Senobasis*). Type-locality: “Amazon”. Refs. – Williston, 1891: 75 (cat.; *Senobasis*); Kertész, 1909: 124 (cat.; *Senobasis*); Bromley, 1946: 106 (cat.); Hull, 1962 (1): 233; Martin & Papavero, 1970: 58 (cat.; *Senobasis*); Papavero & Bernardi, 1973: 188 syn.). Type, OXF.

sonorensis Papavero & Bernardi, 1973: 175, figs. 7-9, map 3 (as *sonorensis*, error). Type-locality: U. S. A., Arizona, Palos Verdes. Distr. – U. S. A. (Utah, Arizona, Texas), Mexico (Tamaulipas, Coahuila, Nayarit, Durango, Chihuahua), Cuba. Ref. – Nelson, 1987: 59. Type, MZUSP.

coarctatum Perty of Snow, 1896: 177, Aldrich, 1905: 263 (cat.) and Martin, 1965a: 19, misident.

secabile Walker of Wilcox, 1937: 37 and Linsley, 1960 (biol. notes), misident.

subcontractum (Walker), 1856: 455 (*Dasygogon*). Type-locality: Brazil, “Amazon district”. Distr. – Costa Rica, Guyana, Peru (Loreto), Brazil (Amazonas, Pará). Refs. – Lynch Arribálzaga, 1881: 24; Williston, 1891: 76 (cat.); Kertész, 1909: 124 (cat.; *Senobasis*, as syn. of *coarctatum* Perty, 1833); Carrera, 1949: 52, 1953a: 273; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.); Lamas M., 1972: 307 (cat.); Papavero & Bernardi, 1973: 190, figs. 38-40, map 2. Type, BMNH.

bassleri Curran, 1942: 54. Type-locality: Peru, río Marañón. Refs. – Carrera, 1949: 58; Hull, 1962 (1): 233; Martin & Papavero, 1970: 28 (cat.; syn.). Type, AMNH.

surumu Papavero & Bernardi, 1973: 177, map 3. Type-locality: Brazil, Roraima, Surumu. Distr. – Venezuela (Bolívar), Brazil (Roraima). Type, MZUSP.

Genus *Caenarolia* Thomson, 1869

Allopogon Schiner, 1886: 670 (preocc. Horn, 1880). Type-species, *Dasygogon vittatus* Wiedemann, 1828 (orig. des.).

Caenarolia Thomson, 1869: 470. Type-species, *Caenarolia longipennis* Thomson, 1869 (mon.) = *Caenarolia equestris* (Wiedemann, 1828).

Caenarolia Williston, 1891: 74 (cat.), error.

Ref. – Artigas & Papavero, 1988b: 205 (as *Allopogon*; key to spp.).

anomala Carrera, 1947a: 40. Type-locality: Brazil, São Paulo, São Paulo (Ipiranga). Distr. – Brazil (Mato Grosso, São Paulo), Paraguay, Argentina (Corrientes, Formosa). Refs. – Carrera, 1949: 68, figs. 40-41, 175, 1953b: 186, fig. 10; Carrera & d'Andretta, 1961: 68 (prey); Carrera & Papavero, 1962: 43; Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.). Type, MZUSP. **N. comb.**

argyrocineta (Schiner), 1867: 370 (*Saropogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro). Refs. – Williston, 1891: 74 (cat.; *Saropogon*); Bromley, 1946: 107 (cat.; *Saropogon*); Carrera, 1949: 36, fig. 31; Carrera & Papavero, 1962: 49; Hull, 1962 (1): 231, figs. 146, 1718, 1726, 1730; Martin & Papavero, 1970: 24 (cat.); Artigas & Papavero, 1988: 206 (*Allopogon*). Type, NMW. **N. comb.**

dimidiatus Curran, 1935: 3 (*Allopogon*; in key), 4. Type-locality: Brazil, Rio de Janeiro. Refs. – Bromley, 1946: 106 (cat.; *Allopogon*); Carrera, 1949: 36 (*Allopogon*; syn.); Hull, 1962 (1): 229 (*Allopogon*). Type, AMNH.

basalis (Curran), 1935: 3 (*Allopogon*). Type-locality: “Brazil”. Distr. – Brazil (Minas Gerais, Paraná). Refs. – Bromley, 1946:

- 106 (*Allopogon*; cat.); Carrera, 1949: 37 163, figs. 19, 36, 1953a: 272; Hull, 1962 (1): 231, fig. 162, 539, 1055, 1064; Martin & Papavero, 1970: 24 (cat.). Type, AMNH.
- castigans** (Walker, 1851: 89 (*Dasyopogon*). Type-locality: "South America". Distr. – Brazil (Minas Gerais). Refs. – Walker, 1854: 433 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 126 (cat.; *Dasyopogon*); Papavero, 1971: 20 (*Diogmites*); Artigas & Papavero, 1988b: 207 (*Allopogon*). Type, BMNH. **N. comb.**
- spitzi* Carrera, 1949: 39, figs. 33, 161. Type-locality: Brazil, Minas Gerais, Araguari. Refs. – Hull, 1962 (1): 231; Martin & Papavero, 1970: 24 (cat.); Artigas & Papavero, 1988b: 207 (*Allopogon* syn.). Type, MZUSP.
- equestris** (Wiedemann), 1828: 392 (*Dasyopogon*). Type-locality: "Brazil". Distr. – Brazil (Rio de Janeiro). Refs. – Walker, 1854: 445 (*Dasyopogon*); Schiner, 1866: 678 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Artigas & Papavero, 1988: 207 (n. comb.). Type, ? **N. comb.**
- longipennis* Thomson, 1869: 471. Type-locality: Brazil, Rio de Janeiro. Refs. – Williston, 1891: 74 (cat.); Kertész, 1909: 57 (cat.); Bromley, 1946: 105 (cat.); Carrera, 1949: 35, figs. 30, 78, 156, 160; Hull, 1962 (1): 231; Martin & Papavero, 1970: 24 (cat.); Artigas & Papavero, 1988: 207 (*Allopogon*; syn.).
- miles** (Wiedemann), 1828: 393 (*Dasyopogon*). Type-locality: "Brazil". Refs. – Walker, 1854: 445 (*Dasyopogon*); Schiner, 1866: 678 (*Dasyopogon*); Williston, 1891: 74 (cat.); Kertész, 1909: 57 (cat.; *Allopogon*); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 231; Martin & Papavero, 1970: 24 (cat.). Type, NMW.
- necans** (Wiedemann), 1828: 392 (*Dasyopogon*). Type-locality: "Brazil". Distr. – Brazil (Minas Gerais). Refs. – Walker, 1854: 174 (*Dasyopogon*); Schiner, 1866: 678 (*Allopogon*); Williston, 1891: 73 (cat.; *Allopogon*); Kertész, 1909: 118 (cat.; *Allopogon*); Curran, 1935: 3 (*Allopogon*; in key); Bromley, 1946: 106 (cat.; *Allopogon*); Carrera, 1949: 43, fig. 49 (*Allopogon*); Hull, 1962 (1): 229 (*Allopogon*); Martin & Papavero, 1970: 23 (cat.; *Allopogon*); Papavero, 1971: 20 (*Allopogon*); Artigas & Papavero, 1988: 207 (*Allopogon*). **N. comb.**
- asiloides* Bigot, 1878: 426 (*Lochites*). Type-locality: "Brazil". Refs. – Williston, 1891: 75 (cat.; *Senobasis*); Kertész, 1909: 125 (cat.; *Lochites*); Bromley, 1946: 106 (cat.; *Senobasis*); Hull, 1962: 233 (*Blepharepium*); Papavero, 1971: 20 (*Allopogon*; syn.). Type, OXF.
- placida** (Wulp), 1882b: 94 (*Deromyia*). Type-locality: Argentina. Distr. – Argentina. Refs. – Williston, 1891: 75 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Engel, 1930: 469 (*Diogmites*); Carrera, 1949: 45 (*Allopogon*), 1953b: 183 (*Allopogon*, as syn. of *ferrugineus* Lynch Arribálzaga, 1880); Martin & Papavero, 1970: 23 (cat.; *Allopogon*). Type, ZMA. **N. comb.**
- tessellata** (Wiedemann), 1828: 390 (*Dasyopogon*). Type-locality: Uruguay, Montevideo. Distr. – Brazil (Ceará, Rio Grande do Norte, Pernambuco, Espírito Santo, Rio Grande do Sul), Argentina (Tucumán, Rioja), Uruguay. Refs. – Walker, 1854: 447 (*Dasyopogon*); Schiner, 1866: 678 (*Allopogon*); Lynch Arribálzaga, 1879: 147 (*Allopogon*), 1883a: 138 (cat.; *Allopogon*); Williston, 1891: 74 (cat.; *Allopogon*); Kertész, 1909: 119 (cat.; *Allopogon*); Curran, 1935: 3 (*Allopogon*; in key); Carrera, 1947d: 266 (*Allopogon*; preys), 1949: 45, figs. 18, 46-47 (*Allopogon*), 1960a: 157 (*Allopogon*); Carrera & d'Andretta, 1961: 68 (*Allopogon*; prey); Carrera & Papavero, 1962: 49 (*Allopogon*); Hull, 1962 (1): 229 (*Allopogon*); Martin & Papavero, 1970: 23 (cat.; *Allopogon*); Artigas & Papavero, 1988b: 207, 251, figs. 164-165 (*Allopogon*). Type, ? **N. comb.**
- weyenberghi* Wulp, 1882b: 93 (*Deromyia*). Type-locality: "Argentina". Refs. – Williston, 1891: 75 (cat.; *Deromyia*); Kertész, 1909: 118 (cat.; *Deromyia*); Carrera, 1949: 45 (*Allopogon*); Carrera & Papavero, 1962: 49 (*Allopogon*); Hull, 1962 (1): 229 (*Allopogon*); Martin & Papavero, 1970: 23 (cat.; *Allopogon*). Type, ZMA.
- vittata** (Wiedemann), 1828: 389 (*Dasyopogon*). Type-locality: Uruguay, Montevideo. Distr. – Brazil (Paraná, Santa Catarina, Rio Grande do Sul), Uruguay (Treinta y Tres, Rivadavia), Argentina (Buenos Aires, Misiones). Refs. – Walker, 1854: 446 (*Dasyopogon*); Schiner, 1866: 670 (*Allopogon*); Lynch Arribálzaga, 1879: 146 (*Allopogon*), 1883a: 138 (cat.; *Allopogon*); Williston, 1891: 74 (cat.; *Allopogon*); Kertész, 1909: 119 (cat.; *Allopogon*); Curran, 1935: 3 (*Allopogon*; in key); Bromley, 1946: 106 (cat.; *Allopogon*); Carrera, 1949: 41, figs. 17, 38-39, 154, 159 (*Allopogon*), 1953a: 272 (*Allopogon*), 1960a: 157 (*Allopogon*); Carrera & Papavero, 1962: 49 (*Allopogon*); Hull, 1962 (1): 229, figs. 175, 542, 1052, 1061, 1747, 1864, 1870 (*Allopogon*); Martin & Papavero, 1970: 23 (cat.; *Allopogon*); Artigas & Papavero, 1988b: 207, 251, figs. 166-167, 256, fig. 195 (*Allopogon*). Type, ? **N. comb.**
- longiungulatus* Macquart, 1838: 36 (1839: 152), pl. 3, fig. 6 (*Dasyopogon*). Type-locality: "Brésil, Missions" [= western part of the state of Rio Grande do Sul; cf. Papavero, 1971e: 121]. Refs. – Walker, 1854: 436 (*Dasyopogon*); Osten Sacken, 1891: 418 (*Dasyopogon*); Kertész, 1909: 119 (*Dasyopogon*).
- annularis* Rondani, 1868: 32 (*Dasipogon*). Type-locality: Argentina, Santa Fe, Córdoba, Río Cuarto and Rosario. Refs. – Lynch Arribálzaga, 1880: 28 (*Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*). Type, MZUN.
- gracilis* Bigot, 1878: 418 (*Dasyopogon*). Type-locality: Uruguay, Montevideo. Ref. – Kertész, 1909: 119 (cat.).

Genus *Diogmites* Loew, 1866

Diogmites Loew, 1866: 21 (Cent. 7, no. 36). Type-species, *Diogmites platypterus* Loew, 1866 (sub. des., Coquillett, 1910: 533).

Deromyia Philippi of authors, misident.

- aberrans** (Wiedemann), 1821: 223 (*Dasygogon*). Type-locality: “South America”. Distr. – Venezuela, Guyana, Ecuador, Brazil (Pará). Refs. – Wiedemann, 1828: 389 (*Dasygogon*); Walker, 1854: 443 (*Dasygogon*); Schiner, 1866: 678 (*Dasygogon*); Williston, 1891: 67 (cat.; *Dasygogon*); Kertész, 1909: 125 (cat.; *Dasygogon*); Bromley, 1934b: 335 (*Deromyia*), 1946a: 107; Carrera, 1949: 82 (n. comb.), 1953b: 184; Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.).
- examinans* Walker, 1851: 90 (*Dasygogon*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Walker, 1854: 433, 504 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 127 (cat.; *Dasygogon*); Bromley, 1934b: 335 (*Deromyia*), 1946: 107 (cat.; *Dasygogon*); Carrera, 1948a: 116 (n. comb.), 1949: 82.
- abberans* Bromley, 1946: 107 (cat.), error.
- affinis** (Bellardi), 1851: 173 (73) (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 264 (cat.); Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- alvesi** Carrera, 1949: 79. Type-locality: Brazil, Rio Grande do Norte, Natal. Distr. – Brasil (Rio Grande do Norte, Paraíba). Refs. – Carrera, 1953b: 185, fig. 8, 1960: 158; Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.). Type, MZUSP.
- amethystinus** Carrera, 1953b: 178, fig. 2. Type-locality: Colombia, Meta, Restrepo, 500 m. Distr. – Colombia (Meta). Refs. – Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.). Type, Bomley Coll. (USNM?).
- angustipennis** Loew, 1866: 23 (Cent. 7, no. 41). Type-locality: U. S. A., Kansas. Distr. – U. S. A. (Kansas, Colorado, Illinois, Wyoming, Nebraska, New Mexico, Texas, Oklahoma), Mexico (Chihuahua, Coahuila). Refs. – Osten Sacken, 1874: 183; Williston, 1883: 25 (*Deromyia*); Aldrich, 1905: 264 (cat.; *Deromyia*); Hine, 1906: 30, fig. 15 (*Deromyia*); Kertész, 1909: 114 (cat.; *Deromyia*); Baker, 1939: 168; Hull, 1962 (1): 232; Martin & Wilcox, 1965: 371 (cat.); Martin & Papavero, 1970: 24 (cat.). Type, MCZ.
- angustiventris** (Macquart), 1846: 65, pl. 6, fig. 9 (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1854: 488 (*Dasygogon*); Williston, 1883: 24 (*Deromyia*; as syn. of *winthemi* Wiedemann, 1821); Kertész, 1909: (cat.; as syn. of *winthemi* Wiedemann, 1821); Carrera, 1953b: 195, fig. 20.
- atriapex** Carrera, 1953b: 192, fig. 18. Type-locality: Argentina, Santa Fé, Tartagal. Distr. – Argentina (Santa Fe). Refs. – Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.). Type, IML.
- aureolus** Carrera & Papavero, 1962: 44, fig. 1. Type-locality: Argentina, Entre Ríos. Distr. – Argentina (Entre Ríos). Ref. – Martin & Papavero, 1970: 24 (cat.). Type, MZUSP.
- bellardii** (Bromley), 1929b: 45 (*Deromyia*). Type-locality: Mexico, Distrito Federal. Distr. – Mexico (Distrito Federal, Morelos, Colima). Refs. – Carrera, 1953b: 175; Hull, 1962 (1): 232; Martin & Papavero, 1970: 24 (cat.). Type, USNM.
- bicolor** (Jaenicke), 1867: 357 (*Saropogon*). Type-locality: “Panama”. Distr. – Panama. Refs. – Osten Sacken, 1874: 184; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.).
- bifasciatus** Carrera, 1949: 72, fig. 87. Type-locality: Brazil, São Paulo, Juquiá. Distr. – Brazil (São Paulo). Refs. – Carrera, 1953b: 192, figs. 16-17; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.). Type, MZUSP.
- bigoti** (Bellardi), 1861: 170 (70) (*Dasygogon*). Type-locality: “Mexico”. Distr. – U. S. A. (Utah), Mexico. Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 264 (cat.; *Deromyia*); Back, 1909: 357 (*Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Brown, 1929: 307, pl. 28, figs. 7-11 (*Deromyia*); Carrera, 1953b: 175; Hull, 1962 (1): 232, 415 (*Atoniomia*); Martin & Papavero, 1970: 88 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, lost.
- bilineatus** (Loew), 1866: 23 (Cent. 7, no. 40) (*Deromyia*). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Osten Sacken, 1874: 184; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Bromley, 1929a: 278 (*Deromyia*); Carrera, 1953b: 175; Fattig, 1945: 13 (?misident; U. S. A., Georgia); Hull, 1962 (1): 232; Martin & Wilcox, 1965: 371 (cat.); Martin & Papavero, 1970: 25 (cat.); Alayo Dalmau & García Ávila, 1983: 45 (cat.). Type, MCZ.
- bimaculatus** (Bromley), 1929b: 46 (*Deromyia*). Type-locality: Mexico, Morelos, Cuernavaca. Distr. – Mexico (Morelos, Nayarit). Refs. – Carrera, 1953b: 196; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.). Type, USNM.
- bromleyi** Carrera, 1949: 78, figs. 81, 173. Type-locality: Brazil, Minas Gerais, Cambuquira. Distr. – Brazil (Goiás, Minas Gerais). Refs. – Carrera, 1953b: 198, fig. 22; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.). Type, IOC.
- brunneus** (Fabricius), 1787: 359 (*Asilus*). Type-locality: French Guiana, Cayenne (Rohr) [cf. Papavero, 1971e: 20]. Distr. – Venezuela, French Guiana. Refs. – Gmelin, 1792: 2899 (*Asilus*); Fabricius, 1794: 382 (*Asilus*), 1805: 165 (*Asilus*); Wiedemann, 1821: 219 (*Dasygogon*), 1828: 382 (*Dasygogon*); Macquart, 1838: 34 (*Dasygogon*); Walker, 1849: 338 (*Dasygogon*), 1854: 421 (*Dasygogon*); Bellardi, 1861: 67 (*Dasygogon*); Schiner, 1868: 677 (*Dasygogon*); Osten Sacken, 1874: 184, 1887: 178; Williston, 1891: 75 (cat.; *Deromyia*); Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Carrera, 1949: 81; Carrera, 1953b: 175; Hull, 1962 (1): 232; Carrera & Machado-Allison, 1963: 235; Martin, 1963: 9, 1965a: 21; Martin & Papavero, 1970: 25 (cat.). Type, lost [cf. Zimsen, 1964: 470].
- castaneus** (Macquart), 1838: 35 (1839: 151) (*Dasygogon*). Type-locality: Brazil, Pará (i. e., Pará, Belém). Distr. – Colombia, Peru (Loreto), Brazil (Amazonas and Pará to Rio de Janeiro and São Paulo), Bolivia. Refs. – Walker, 1849: 338 (*Dasygogon*), 1854: 431 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 62 (cat.; ?*Oligopogon*); Bromley, 1946: 105 (cat.; *Oligopogon*); Carrera, 1948a: 118, figs. 1-2 (n. comb.), 1949: 85, figs. 48, 176, 1953b: 185, fig. 9; Carrera & d’Andretta, 1953: 66; Carrera, 1960a: 158; Carrera & Papavero, 1962: 43; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Papavero, 1971: 20; Lamas M., 1972: 306 (cat.); Fisher, 1984: 28; Artigas & Papavero,

- 1988b: 256, fig. 197. Type, MNHNP.
- fulvus* Bigot, 1878: 426 (*Dasygogon*). Type-locality: Brazil, Amazonia. Refs. – Williston, 1891: 75 (cat.; *Senobasis*); Kertész, 1909: 125 (cat.; *Lochites*); Hull, 1962: 233 (*Blepharepium*); Martin & Papavero, 1970: 58 (*Senobasis*); Papavero, 1971d: 20 (syn.). Type, OXF.
- fulvis* Bromley, 1946: 106 (cat.; *Senobasis*), error.
- coffeatus** (Wiedemann), 1819: 49 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1821: 217 (*Dasygogon*), 1828: 374 (*Dasygogon*); Walker, 1854: 444 (*Dasygogon*); Schiner, 1866: 676 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 127 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Carrera, 1949: 65, figs. 16, 45, 174, 1953b: 189, figs. 3–4; Carrera & d’Andretta, 1961: 68 (preys); Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Artigas & Papavero, 1988b: 258, fig. 199. Type, NMW.
- craverii** (Bellardi), 1861: 168 (68) (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Carrera, 1953b: 175; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- cuantlensis** (Bellardi), 1861: 167 (68) (*Dasygogon*). Type-locality: Mexico, Morelos, Cuautla. Distr. – Mexico (Guerrero, Chiapas, Jalisco, Nuevo León, Oaxaca, Puebla, Veracruz, Yucatán). Refs. – Osten Sacken, 1874: 184, 1887: 175; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Carrera & d’Andretta, 1950: 163, figs. 35–40; Carrera, 1953b: 189, fig. 26; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- dubius** (Bellardi), 1861: 174 (74) (*Dasygogon*). Type-locality: Mexico, Morelos, Cuautla. Distr. – Mexico (Guerrero), Costa Rica. Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 115 (cat.; *Deromyia*); Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- duillius** (Walker), 1849: 340 (*Dasygogon*). Type-locality: “Honduras”. Distr. – Honduras. Refs. – Walker, 1854: 431 (*Dasygogon*); Osten Sacken, 1874: 184, 1878: 73, 233 (cat.), 1887: 178; Williston, 1891: 75 (cat.; *Deromyia*); Aldrich, 1905: 264 (*Deromyia*, as *duillia*); Kertész, 1909: 116 (cat.; *Deromyia*); Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.). Type, BMNH.
- fasciatus** (Macquart), 1834: 295 (*Dasygogon*). Type-locality: French Guiana, Cayenne. Distr. – French Guiana. Syntypes, MNHNP, OXF. Refs. – Walker, 1854: 440 (*Dasygogon*); Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 128 (cat.; *Dasygogon*); Bromley, 1934b: 335 (*Deromyia*); Hull, 1962 (1): 228 (*Dasygogon*); Martin & Papavero, 1970: 25 (cat.).
- ferrugineus** (Lynch Arribáizaga), 1880: 182 (*Allopopogon*). Type-locality: Argentina, Mendoza. Distr. – Brazil, Bolivia, Argentina. Refs. – Lynch Arribáizaga, 1883a: 137 (cat.; *Allopopogon*); Williston, 1891: 73 (cat.; *Allopopogon*); Kertész, 1909: 118 (cat.; *Allopopogon*); Carrera, 1949: 83 (n. comb.), 1953b: 183, fig. 7, 1959: 1; Carrera & Papavero, 1962: 42; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Artigas & Papavero, 1988: 252, figs. 173–177, 157, fig. 198.
- goniostigma** (Bellardi), 1861: 165 (65), pl. 1, fig. 6 (*Dasygogon*). Type-locality: Mexico, Vera Cruz, Playa Vicente. Distr. – México (Vera Cruz). Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Carrera, 1953b: 175; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- heydenii** (Jaenicke), 1867: 356, pl. 44, fig. 1 (*Dasygogon*). Type-locality: Argentina (Corrientes). Distr. – Argentina (Corrientes). Type, SENCK [cf. Geller-Grimm, 1999: 200]. Refs. – Lynch Arribáizaga, 1880: 137 (*Dasygogon*), 1883a: 137 (cat.; *Dasygogon*); Williston, 1891: 73 (cat.; *Allopopogon*); Kertész, 1909: 118 (cat.; *Allopopogon*); Carrera, 1953b: 176; Hull, 1962 (1): 229 (*Allopopogon*); Martin & Papavero, 1970: 25 (cat.).
- imitator** Carrera, 1953b: 101. Type-locality: Brazil, Pará (i. e., Pará, Belém). Distr. – Brazil (Pará). Refs. – Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.). Type, BMNH.
- inclusus** (Walker), 1851: 95 (*Dasygogon*). Type-locality: Brazil, Pará (i. e., Pará, Belém). Distr. – Venezuela, Peru, Brazil (Amazonas, Pará). Refs. – Walker, 1854: 433 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 128 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Carrera, 1948a: 119 (n. comb.), 1949: 76, 1953b: 199, fig. 25, 1960a: 158; Carrera & Papavero, 1962: 46; Hull, 1962 (1): 232; Martin & Papavero, 1970: 25 (cat.); Fisher, 1984: 28.
- parvus* Carrera, 1948a: 120, fig. 3. Type-locality: Brazil, Amazonas, rio Parauari. Type, IOC.
- intactus** (Wiedemann), 1828: 371 (*Dasygogon*). Type-locality: “South America”. Distr. – Brazil. Refs. – Walker, 1854: 445 (*Dasygogon*); Schiner, 1866: 676 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 129 (cat.; *Dasygogon*); Carrera, 1949: 82 (n. comb.); Carrera & d’Andretta, 1950: 162, figs. 4, 11, 25, 29, 31–33 (misident.); Carrera, 1953b: 187, figs. 11–12 (misident.); Hull, 1962 (1): 232; Martin, 1965a: 22; Martin & Papavero, 1970: 26 (cat.). Type, NMW.
- jalapensis** (Bellardi), 1861: 165 (65), pl. 1, fig. 5 (*Dasygogon*). Type-locality: Mexico, Veracruz, Jalapa. Distr. – México (Veracruz), Honduras, Panama. Refs. – Osten Sacken, 1874: 184, 1887: 177; Williston, 1901: 311 (*Deromyia*); Aldrich, 1905: 264 (cat.; *Deromyia*); Kertész, 1909: 264 (cat.; *Deromyia*); Carrera & d’Andretta, 1950: 163; Carrera, 1953b: 200; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- ialapensis* James, 1953: 56, error.
- indigii** (Schiner), 1868: 165 (*Dasygogon*). Type-locality: “South America”. Distr. – Costa Rica, Panama, Venezuela, Paraguay, Brazil (Santa Catarina). Refs. – Osten Sacken, 1887: 174; Williston, 1891: 75 (cat.; *Deromyia*); Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Carrera, 1947a: 39, 1953b, figs. 13–14: 188; Carrera & Papavero,

- 1962: 43; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, NMW.
- lineola** (Bromley), 1934b: 335, fig. 22 (*Deromyia*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Distr. – Brazil (Mato Grosso). Refs. – Bromley, 1946: 107 (cat.; n. comb.); Carrera, 1949: 83, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, AMNH.
- litoralis** (Curran), 1930b: 1 (*Deromyia*). Type-locality: Panama, Canal Zone, Bruja Point. Distr. – Panama. Refs. – Carrera, 1953b: 182, fig. 6; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, AMNH.
- maculatus** Curran, 1934a: 1. Type-locality: Ecuador, Guayas, Golfo de Guayaquil, Puerto Grande, Isla Puná. Distr. – Ecuador. Refs. – Carrera, 1949: 81, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, AMNH.
- memnon** Osten Sacken, 1887: 174, pl. 3, fig. 9. Type-locality: Costa Rica; Panama, Volcán de Chiriquí, 2000–3000 ft. Distr. – Costa Rica, Panama. Refs. – Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Carrera, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, BMNH.
- neoternatus** (Bromley), 1931b: 433 (*Deromyia*). Type-locality: U. S. A., Kansas, Russell County. Distr. – U. S. A. (widespread), Mexico (Sonora). Refs. – Fattig, 1945: 15; Hull, 1962 (1): 232; Martin & Wilcox, 1965: 371 (cat.); Martin & Papavero, 1970: 26 (cat.); Dennis & Gowen, 1978: 366 (“nocturnal” foraging). Type, OSU.
- nigripennis** (Macquart), 1847: 50 (1847: 34), pl. 1, fig. 6 (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1854: 428 (*Dasygogon*); Bellardi, 1861: 75 (*Dasygogon*); Osten Sacken, 1874: 184; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Carrera, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.). Type, OXF.
- nigripes** (Bellardi), 1861: 175 (75) (*Dasygogon*). Type-locality: Mexico, Vera Cruz, Playa Vicente. Distr. – Mexico (Veracruz). Refs. – Osten Sacken, 1874: 184, 1887: 178; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 116 (cat.; *Deromyia*); Carrera, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol.). Type, TORO.
- nigritarsis** (Macquart), 1846: 196 (1846: 68) (*Dasygogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1854: 428 (*Dasygogon*); Osten Sacken, 1874: 185; Aldrich, 1905: 267 (cat.; *Dasygogon*); Kertész, 1909: 130 (cat.; *Dasygogon*); Martin & Papavero, 1970: 26 (cat.); Papavero & Ibáñez Bernal, 2001: 84 (hist. Mexican dipterol.). Type, MNHNP.
- obscurus** Carrera, 1949: 67, fig. 177. Type-locality: Brazil, Goiás. – Brazil (Goiás), Bolivia, Argentina. Refs. – Carrera, 1953b: 185, 1959: 1; Carrera & d’Andretta, 1961: 68 (preys); Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.). Type, MZUSP.
- perplexus** (Back), 1909: 360 (*Deromyia*). Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (New Mexico, Arizona, Colorado), Mexico. Refs. – Hull, 1962 (1): 232; Martin & Wilcox, 1965: 371 (cat.).
- pseudoialapensis** (Bellardi), 1862: 222 (25) (*Dasygogon*). Type-locality: Mexico, Veracruz, Tuxpango, near Orizaba. Distr. – Mexico (Veracruz). Refs. – Osten Sacken, 1887: 178; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 26 (cat.); Papavero & Ibáñez Bernal, 2001: 110 (hist. Mexican dipterol.). Type, TORO.
- pseudojalapensis* Osten Sacken, 1874: 184; Kertész, 1909: 117 (cat.; *Deromyia*), emend.
- subialapensis*, error.
- reticulatus** (Fabricius), 1805: 160 (*Laphria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Guyana, Surinam, Brazil (Amazonas, Pará). Refs. – Wiedemann, 1821: 217 (*Dasygogon*), 1828: 378 (*Dasygogon*); Walker, 1854: 445 (*Dasygogon*); Schiner, 1866: 677 (*Dasygogon*); Williston, 1891: 67 (cat.; *Dasygogon*); Kertész, 1909: 131 (cat.; *Dasygogon*); Bromley, 1934b: 335; Carrera, 1953b: 181, fig. 5, 1960a: 158; Carrera & Papavero, 1962: 42; Hull, 1962 (1): 228 (*Dasygogon*), 233 [*Diogmites*]; Carrera & Machado-Allison, 1963: 236; Martin & Papavero, 1970: 26 (cat.). Syntypes, COPN [cf. Zimsen, 1964: 468].
- nigricauda* Curran, 1925a: 259 (*Deromyia*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica. Refs. – Bromley, 1934b: 335 (*Deromyia*); Carrera, 1949: 66 (n. comb.). Type, AMNH.
- rubescens** (Bellardi), 1861: 171 (71) (*Dasygogon*). Type-locality: Mexico, Distrito Federal, México, and Veracruz, Tuxpango. Distr. – Mexico (Veracruz, Distrito Federal). Refs. – Osten Sacken, 1874: 184, 1887: 176; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera & d’Andretta, 1950: 163; Carrera, 1953b: 176; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol.). Syntypes, TORO.
- rufibasis** Bigot, 1878: 416. Type-locality: “Brazil”. Refs. – Kertész, 1909: 117 (cat.; *Deromyia*); Bromley, 1946: 107 (cat.); Carrera, 1953b: 177; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.). Type, OXF.
- rufitarsis* Williston, 1891: 75, error.
- rufipalpis** (Macquart), 1838: 38 (1939: 154), pl. 3, fig. 2 (*Dasygogon*). Type-locality: “?French Guiana, Cayenne”. Distr. – Peru, Brazil (Amazonas, Pará). Refs. – Walker, 1854: 432 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 131 (cat.; *Dasygogon*); Carrera, 1953b: 190, fig. 15; Carrera & Papavero, 1962: 43; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Fisher, 1984: 28.
- sallei** (Bellardi), 1861: 170 (70) (*Dasygogon*). Type-locality: Mexico, Distrito Federal, México, and Veracruz, Tuxpango. Distr. – Mexico (Sonora, Chihuahua, Jalisco, Colima, Chiapas). Refs. – Osten Sacken, 1874: 184, 1887: 174, pl. 3, fig. 8; Williston, 1901: 311 (*Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera, 1953b: 177; Carrera & Papavero, 1962: 42; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol.). Syntypes, TORO.
- sallaei* Aldrich, 1905: 117 (cat.; *Deromyia*), error.
- superbus** Carrera, 1953b: 177, fig. 1. Type-locality: Costa Rica, Turrialba, 620 m. Distr. – Costa Rica. Refs. – Hull, 1962 (1):

- 232; Martin & Papavero, 1970: 27 (cat.). Type, MZUSP.
- symmachus** Loew, 1872: 66 (Cent. 10, no. 26). Type-locality: U. S. A., Texas. Distr. – U. S. A., Mexico (Chihuahua). Refs. – Osten Sacken, 1874: 183; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Bromley, 1935c: 3 (n. comb.); Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Artigas & Papavero, 1988: 258, fig. 202. Type, MCZ.
- tau** Osten Sacken, 1887: 176, pl. 3, fig. 11. Type-locality: Panama, Volcán de Chiriquí, 3000-4000 ft. Distr. – Costa Rica, Panama. Refs. – Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera, 1953b: 197; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.). Type, BMNH.
- teresita** Lamas M., 1972: 306, figs. 1-4. Type-locality: Peru, Ayacucho, La Mar (Hacienda Teresita). Distr. – Peru (Ayacucho). Type, MEUNAL.
- ternatus** (Loew), 1866: 22 (Cent. 7, no. 38) (*Deromyia*). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Osten Sacken, 1874: 184; Williston, 1883: 25 (*Deromyia*); Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Hine, 1918: 3 (*Deromyia*); Bromley, 1929a: 278 (*Deromyia*); Carrera, 1953b: 198; Hull, 1962 (1): 232; Martin & Wilcox, 1965: 371 (cat.); Martin & Papavero, 1970: 27 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.). Type, MCZ.
- tricolor** (Bellardi), 1861: 169 (69) (*Dasypogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1874: 184; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera, 1953b: 177; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- virescens** (Bellardi), 1861: 169 (69) (*Dasypogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1874: 184; Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera, 1953b: 182; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- vulgaris** Carrera, 1947d: 266 (descr. and prey). Type-locality: Brazil, São Paulo, Guatapará. Distr. – Peru, Brazil (Mato Grosso, Goiás, Minas Gerais, São Paulo). Refs. – Carrera, 1949: 69, figs. 12, 42-43, 82, 114, 145, 149, 203-210, 1953b: 194, fig. 19; Carrera & Papavero, 1962: 44; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Fisher, 1984: 28; Artigas & Papavero, 1988: 251, figs. 162-163; Dennis & Knutson, 1988: 853, fig. 1 (pupa in ventral, lateral and dorsal views; host: *Dyscinetus rugifrons* (Burmeister, 1847) (Coleoptera, Scarabaeidae, Dynastinae)). Type, MZUSP.
- winthemi** (Wiedemann), 1821: 223 (*Dasypogon*). Type-locality: “South America”. Distr. – Colombia, Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1828: 387, pl. 6, fig. 2 (*Dasypogon*); Walker, 1849: 332 (*Dasypogon*), 1854: 432 (*Dasypogon*); Schiner, 1868: 678 (*Dasypogon*); Wulp, 1882b: 93 (*Deromyia*), 1884: 207 (*Deromyia*); Williston, 1883: 24, pl. 2, fig. 6 (*Deromyia*); Osten Sacken, 1887: 177; Williston, 1891: 75 (cat.; *Deromyia*); Aldrich, 1905: 265 (cat.; *Deromyia*); Kertész, 1909: 118 (cat.; *Deromyia*); Malloch, 1915 (pupa; misident.: actually *Diogmites misellus* Loew, 1866, a Nearctic species; cf. Dennis & Knutson, 1988: 852); Bromley, 1946: 107 (cat.); Carrera, 1949: 73, figs. 11, 178, 89, 116, 1953b: 196, fig. 21, 1960a: 158; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.); Artigas & Papavero, 1988: 258, fig. 199. Type, NMW.
- wygodzinskyi** Carrera, 1949: 77, figs. 90, 146-147. Type-locality: Brazil, Rio de Janeiro, Seropédica (as km 40 da antiga rodovia Rio-São Paulo). Distr. – Brazil (Rio Grande do Norte, Rio de Janeiro, São Paulo). Refs. – Carrera, 1953b: 198, figs. 23-24; Hull, 1962 (1): 232; Martin & Papavero, 1970: 27 (cat.). Type, UFRuRJ.

Genus *Lastaurina* Curran, 1934

- Lastaurina** Curran, 1934a: 171. Type-species, *Dasypogon ardens* Wiedemann, 1828 (sub. des., Curran, 1935: 5).
- Lastauronia* Carrera, 1949: 104. Type-species, *Lastauronia travassosi* Carrera, 1949 (orig. des.). Ref. – Artigas & Papavero, 1988: 209 (syn.).
- Ref. – Artigas & Papavero, 1988b: 209 (key to spp.).
- ardens** (Wiedemann), 1828: 391 (*Dasypogon*). Type-locality: “Brazil”. Distr. – Brazil (São Paulo, Paraná, Rio Grande do Sul), Paraguay, Argentina (Buenos Aires). Refs. – Walker, 1854: 446 (*Dasypogon*); Schiner, 1866: 678 (*Lastaurus*); Lynch Arribálzaga, 1879: 151 (*Lastaurus*), 1883a: 140 (cat.; *Lastaurus*); Williston, 1891: 73 (cat.; *Lastaurus*); Kertész, 1909: 144 (cat.; *Lastaurus*); Engel, 1930: 468 (*Lastaurus*); Curran, 1935: 5; Carrera, 1945a: 160, fig. 2 (*Lastaurus*; preys); Bromley, 1946: 108 (cat.; *Lastaurus*); Carrera, 1947a: 43, 1949: 106, figs. 63, 76, 106, 168, 1953a: 275, 1959: 2; Hull, 1962 (1): 239, figs. 544, 1070, 1079; Martin & Papavero, 1970: 30 (cat.); Artigas & Papavero, 1988b: 253, figs. 178-182, 259, fig. 205. Syntypes, BZM [no. 373; cf. Schumann, 1973: 87].
- biezankoi** (Carrera & Papavero), 1962: 50, fig. 6 (*Lastauropsis*). Type-locality: Brazil, Rio de Janeiro, Duque de Caxias, São Bento. Distr. – Brazil (Espírito Santo, Rio de Janeiro). Refs. – Martin & Papavero, 1970: 30 (cat.; *Lastauropsis*); Artigas & Papavero, 1988b: 210 (n. comb.). Type, MZUSP.
- travassosi** (Carrera), 1949: 105, figs. 52, 69, 104 (*Lastauronia*). Type-locality: Brazil, São Paulo, São Paulo. Distr. – Brazil (São Paulo). Refs. – Hull, 1962 (1): 240; Martin & Papavero, 1970: 29 (cat.; *Lastauronia*); Artigas & Papavero, 1988b: 210 (n. comb.), 251, fig. 159. Type, MZUSP.

Genus **Lastaurus** Loew, 1851

- Dasyopogon*, subg. **Lastaurus** Loew, 1851: 11. Type-species, *Lastaurus anthracinus* Loew, 1851 (orig. des.) = *lugubris* (Macquart, 1846).
- Morimna* Walker, 1851: 104. Type-species, *Morimna mallophorides* Walker, 1851 (mon.) = *Lastaurus fallax* (Macquart, 1838).
- Lastauropsis* Carrera, 1949: 107. Type-species, *Lastauropsis villosus* Carrera, 1949 (orig. des.). Ref. – Artigas & Papavero, 1988: 210 (syn.).
- alticola** Carrera & Machado-Allison, 1968: 500. Type-locality: Bolivia, Cochabamba, Tiraque, 3200 m. Distr. – Bolivia (Cochabamba), Argentina (Jujuy). Refs. – Martin & Papavero, 1970: 29 (cat.); Artigas & Papavero, 1988b: 210. Type, BASEL.
- crassitarsis** (Macquart), 1838: 36 (1839: 152) (*Dasyopogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Walker, 1854: 435 (*Dasyopogon*); Williston, 1891: 76 (*Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Carrera, 1949: 100, fig. 167 (*Lastauroides*), 1958a: 146 (*Lastauroides*); Carrera & Papavero, 1962: 54 (*Lastauroides*); Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 210 (n. comb.). Type, MNHNP.
- atratus* Bigot, 1878: 415 (*Diogmites*). Type-locality: “Brazil”. Refs. – Williston, 1891: 75 (cat.; *Deromyia*); Kertész, 1909: 114 (cat.; *Deromyia*); Bromley, 1946: 107 (cat.; as *atrata*, error).
- crassitarsus* Bromley, 1946: 107 (cat.; *Dasyopogon*), error. Type, OXF.
- fallax** (Macquart), 1846: 191 (1846: 63), pl. 7, fig. 5 (*Dasyopogon*). Type-locality: “Colombia” (as “Nouvelle Grenade”). Distr. – Colombia, Venezuela (Aragua, Distrito Federal, Táchira), Ecuador, Peru (Cuzco), ?Bolivia (Chapare, Cochabamba), ?Argentina (Tucumán). Refs. – Loew, 1851: 12 (n. comb.); Walker, 1854: 435 (*Dasyopogon*); Schiner, 1867: 373; Williston, 1891: 73 (cat.); Kertész, 1909: 144 (cat.); Carrera, 1949: 91; Hull, 1962 (1): 239; Carrera & Machado-Allison, 1963: 235, 1966: 490; Martin & Papavero, 1970: 30 (cat.); Lamas M., 1972: 307 (cat.); Artigas & Papavero, 1988: 210, 255, figs. 190-194. Type, OXF.
- bombimorpha* Rondani, 1850: 368 (*Dasyopogon*). Type-locality: “America equatoriale”. Refs. – Osten Sacken, 1891: 418 (*Dasyopogon*); Kertész, 1909: 126 (cat.; *Dasyopogon*); Carrera, 1949: 92 (n. comb.); Hull, 1962 (1): 239; Martin & Papavero, 1970: 29 (cat.). Type, MZUN.
- mutabilis* Loew, 1851: 12. Type-locality: “Colombia [Moritz; cf. Papavero, 1973d: 297-298]”. Refs. – Osten Sacken, 1887: 180; Aldrich, 1905: 266 (cat.); Kertész, 1909: 145 (cat.); Hull, 1962 (1): 239; Martin & Papavero, 1970: 30 (cat.). Type, BZM [no. 578; cf. Schumann, 1973: 136].
- mallophorides* Walker, 1851: 104, pl. 6, figs. 2, 22 (*Morimna*). Type-locality: “Colombia”. Refs. – Walker, 1854: 429 (*Morimna*); Williston, 1891: 73 (cat.); Martin & Papavero, 1970: 30 (cat.). Type, BMNH.
- flavipellitus* Enderlein, 1914b: 173 (as *fallax* var.). Type-locality: Ecuador: Bolívar, Balzapamba; Tungurahua: Hacienda Santa Inés, 1244 m (10°25'S, 78°12'W) [cf. Brown, 1941: 846] and Baños. Syntypes, IZPAN.
- mallophoroides* Kertész, 1909: 144 (cat.); Carrera, 1949: 91; Hull, 1962 (1): 239; Carrera & Machado-Allison, 1968: 493, error.
- fenestratus** Bigot, 1878: 424. Type-locality: “Colombia” (as “Nouvelle Grenade”). Distr. – Colombia. Refs. – Williston, 1891: 73 (cat.); Kertész, 1909: 144 (cat.); Carrera, 1949: 92; Hull, 1962 (1): 239; Carrera & Machado-Allison, 1966: 495; Martin & Papavero, 1970: 30 (cat.). Type, OXF.
- lugubris** (Macquart), 1846: 192 (1846: 64) (*Dasyopogon*). Type-locality: “Colombia” (as Nouvelle Grenade). Distr. – Mexico, Colombia, Venezuela (Aragua, Carabobo, Distrito Federal, Táchira), ?Argentina (Jujuy, Tucumán). Refs. – Loew, 1851: 12 (n. comb.); Walker, 1854: 435 (*Dasyopogon*); Schiner, 1867: 373; Williston, 1891: 73 (cat.); Kertész, 1909: 144 (cat.); Curran, 1941: 272 (in key; *Mallophora*); Carrera, 1953a: 274; Hull, 1962 (1): 239; Carrera & Machado-Allison, 1966: 188; Martin & Papavero, 1970: 30 (cat.); Artigas & Papavero, 1988b: 210, 251, fig. 160, 259, fig. 207. Type, lost.
- anthracinus* Loew, 1851: 12 (*Dasyopogon*). Type-locality: “Mexico”. Refs. – Osten Sacken, 1874: 185, 1887: 179, pl. 3, fig. 10; Aldrich, 1905: 265 (cat.); Kertész, 1909: 144 (cat.); Carrera, 1949: 90; Hull, 1962 (1): 239, figs. 159, 548, 1069, 1078, 1950, 2008; Martin & Papavero, 1970: 29 (cat.). Type, BZM [no. 180; cf. Schumann, 1973: 86].
- robustus** Carrera, 1949: 93, figs. 24, 57, 67, 103. Type-locality: Brazil, Minas Gerais, Araguari. Distr. – Brazil (Minas Gerais). Refs. – Hull, 1962 (1): 239; Carrera & Machado-Allison, 1966: 496; Martin & Papavero, 1970: 30 (cat.); Artigas & Papavero, 1988b: 210, 251, fig. 161. Type, MZUSP.
- transiens** (Walker), 1849: 364 (*Dasyopogon*). Type-locality: “Venezuela”. Refs. – Walker, 1854: 110 (*Dasyopogon*, *Morimna*); Williston, 1891: 73 (cat.; n. comb.); Kertész, 1909: 145 (cat.); Carrera, 1949: 91; Hull, 1962 (1): 239; Martin & Papavero, 1970: 30 (cat.).
- tricolor** Carrera & Machado-Allison, 1968: 497. Type-locality: Argentina, Tucumán, Araoz. Distr. – Argentina (Jujuy, Tucumán). Refs. – Martin & Papavero, 1970: 30 (cat.); Artigas & Papavero, 1988: 210. Type, IML.
- villosus** (Carrera), 1949: 108, figs. 29, 54, 77, 107 (*Lastauropsis*). Type-locality: Brazil, Paraná, Rio Negro. Distr. – Brazil (Paraná). Refs. – Carrera & Papavero, 1962: 49; Hull, 1962 (1): 239, figs. 1072, 1081; Martin & Papavero, 1970: 30 (cat.; *Lastauropsis*); Artigas & Papavero, 1988b: 210. Type, MZUSP.

Genus **Neodiogmites** Carrera, 1949

- Neodiogmites** Carrera, 1949: 85. Type-species, *Dasyopogon melanogaster* Wiedemann, 1821 (orig. des.).
Lastauroides Carrera, 1949: 94. Type-species, *Lastauroides alexanderi* Carrera, 1949 (orig. des.). Ref. – Artigas & Papavero, 1988b: 212 (syn.).
Lastaurax Carrera, 1949: 109. Type-species, *Lastaurax lanei* Carrera, 1949 (orig. des.). Ref. – Artigas & Papavero, 1988b: 212 (syn.).
- Ref. – Artigas & Papavero, 1988b: 212 (key to spp.).
- alexanderi** (Carrera), 1949: 95, figs. 25-26, 50, 68, 105 (*Lastauroides*). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis, Juçaral. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Carrera, 1958a: 146 (*Lastauroides*); Carrera & Papavero, 1962: 53; Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 212 (in key; n. comb.), 259, fig. 206. Type, IOC.
- atriapex** (Carrera & Papavero), 1962: 52 (*Lastauroides*). Type-locality: Brazil, São Paulo, Araçatuba (rio Jacaretinga). Distr. – Brazil (São Paulo). Refs. – Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 213 (n. comb.). Type, MZUSP.
- carrerai** Artigas & Papavero, 1988b: 213, 254, figs. 183-189. Type-locality: Brazil, Espírito Santo, Santa Teresa. Distr. – Brazil (Espírito Santo). Type, MZUSP.
- hirtuosus** (Wiedemann), 1821: 227 (*Dasyopogon*). Type-locality: “Brazil” [Olfers; cf. Papavero, 1971e: 69]. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1828: 402 (*Dasyopogon*); Walker, 1854: 443 (*Dasyopogon*); Schiner, 1866: 679 (*Dasyopogon*); Williston, 1891: 67 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Carrera, 1949: 97, fig. 27 (*Lastauroides*; n. comb.), 1958a: 146 (*Lastauroides*); Carrera & d’Andretta, 1961: 69 (*Lastauroides*; prey); Carrera & Papavero, 1962: 53; Hull, 1962 (1): 241, figs. 545, 1074, 1083 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 213 (n. comb.), 151, fig. 157. Syntypes, BZM [no. 541; cf. Schumann, 1973: 116].
hirtosus Bromley, 1946: 107 (cat.; *Dasyopogon*), error.
- lanei** (Carrera), 1949: 110, figs. 28, 51, 83, 108 (*Lastaurax*). Type-locality: Brazil, Rio de Janeiro, Tinguá. Distr. – Brazil (Rio de Janeiro). Refs. – Hull, 1962 (1): 240, figs. 1071, 1080 (*Lastaurax*); Martin & Papavero, 1970: 28 (cat.; *Lastaurax*); Artigas & Papavero, 1988b: 214 (n. comb.). Type, MZUSP.
- melaleucus** (Schiner), 1868: 165 (*Dasyopogon*). Type-locality: “South America”. Refs. – Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 230 (cat.; *Dasyopogon*); Carrera, 1949: 98 (*Lastauroides*); Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*). Type, NMW.
- melanogaster** (Wiedemann), 1821: 215 (*Dasyopogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro, Paraná, Santa Catarina), Argentina (Misiones). Refs. – Wiedemann, 1828: 368 (*Dasyopogon*); Macuart, 1834: 294 (*Dasyopogon*), 1838: 35 (*Dasyopogon*); Walker, 1849: 366 (*Dasyopogon*), 1854: 430 (*Dasyopogon*); Schiner, 1866: 675 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Bromley, 1946: 86 (*Diogmites*); Carrera, 1947d: 267 (*Diogmites*) (preys), 1949: 86, figs. 22, 44, 84, 113, 144, 151 (n. comb.), 1960a: 158; Carrera & Papavero, 1962: 46; Hull, 1962 (1): 235, figs. 156B, 541, 1068, 1077; Martin & Papavero, 1970: 28 (cat.); Artigas & Papavero, 1988b: 214. Syntypes, NMW.
grandis Macquart, 1846: 63, pl. 6, fig. 8. Type-locality: “Brazil”. Refs. – Walker, 1854: 436 (*Dasyopogon*); Williston, 1891: 128 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Diogmites*); Hull, 1962 (1): 228 (*Dasyopogon*). Type, lost.
rapax Walker, 1851: 88 (*Dasyopogon*). Type-locality: “South America”. Refs. – Walker, 1854: 430 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 131 (cat.; *Dasyopogon*). Type, BMNH.
- mixtus** (Carrera), 1949: 101, fig. 55 (*Lastauroides*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. – Brazil (São Paulo). Refs. – Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 214 (n. comb.), 251, fig. 158. Type, MZUSP.
modestus Carrera, 1949: 103, fig. 56 (*Lastauroides*). Type-locality: Brazil, São Paulo, Campos do Jordão. Refs. – Carrera & d’Andretta, 1961: 69 (*Lastauroides*; preys); Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 214 (syn.). Type, MZUSP.
- niger** (Carrera), 1949: 99 (*Lastauroides*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Hull, 1962 (1): 241 (*Lastauroides*); Artigas & Papavero, 1988b: 214 (n. comb.). Type, MZUSP.
albomarginatus Carrera, 1949: 98 (*Lastauroides*). Type-locality: Brazil, São Paulo, Paranapiacaba (as Alto da Serra). Refs. – Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*); Artigas & Papavero, 1988b: 214 (syn.). Type, MZUSP.
- tauauna** Artigas & Papavero, 1988: 214. Type-locality: Brazil, Espírito Santo, Itirapina. Distr. – Brazil (Espírito Santo). Type, MZUSP.
- tenebrosus** Carrera, 1949: 87, figs. 21, 73. Type-locality: Brazil, Bahia, Jequié. Distr. – Brazil (Bahia). Refs. – Hull, 1962 (1): 235; Martin & Papavero, 1970: 28 (cat.). Type, MZUSP.

Genus **Phonicocleptes** Lynch Arribálzaga, 1881

Phonicocleptes Lynch Arribálzaga, 1881: 18. Type-species, *Phonicocleptes busiris* Lynch Arribálzaga, 1881 (mon.).

busiris Lynch Arribálzaga, 1881: 21. Type-locality: Argentina, Buenos Aires, Chacabuco. Distr. – Uruguay, Argentina. Refs. – Carrera, 1949: 59, 1953a: 273; Hull, 1962 (1): 235, figs. 65, 574, 1057, 1066, 1794, 1799; Martin & Papavero, 1970: 28 (cat.); Artigas & Papavero, 1988b: 259, fig. 208, 260, fig. 210-214.

longipes (Macquart), 1838: 30 (1839: 146), pl. 2, fig. 4 (*Dasyopogon*). Type-locality: Brazil, northern state of São Paulo. Distr. – Peru (Loreto), Brazil (São Paulo, Paraná). Refs. – Walker, 1854: 440 (*Dasyopogon*); Williston, 1891: 70 (cat.; *Microstylum*); Kertész, 1909: 152 (cat.; *Microstylum*); Bromley, 1946: 108 (cat.; *Archilestris*); Hull, 1962: 141 (*Archilestris*); Martin & Papavero, 1970: 18 (*Archilestris*); Lamas M., 1972: 307 (cat.); Artigas & Papavero, 1988b: 260, fig. 209 e 215. Type, MNHNP.

spectans Walker, 1851: 88 (*Dasyopogon*). Type-locality: unknown. Refs. – Walker, 1854: 484 (*Dasyopogon*); Kertész, 1909: 132 (cat.; *Dasyopogon*); Carrera, 1949: 60 (n. comb.); Hull, 1962 (1): 235; Martin & Papavero, 1970: 28 (cat.); Papavero, 1971d: 20 (n. syn.). Type, BMNH.

langei Carrera, 1947d: 268 (descr. and prey). Type-species, Brazil, Paraná, Vila Velha. Refs. – Carrera, 1949: 61, figs. 66, 72, 122; Carrera & d'Andretta, 1953: 66; Carrera & Papavero, 1962: 47; Hull, 1962 (1): 235; Martin & Papavero, 1970: 28 (cat.); Papavero, 1971d: 20 (n. syn.). Type, Mus. Paranaense.

Tribe **Megapodini** Carrera, 1949

Acanthocneminae Hermann, 1912: 9 (in Laphriinae).

Megapodini Carrera, 1949: 5. Type-genus, *Megapoda* Macquart, 1834.

Megapodininae Hull, 1962 (1): 6.

Megapodinae Hull, 1962 (1): 420.

Megapodina Papavero, 1975: 228.

Cyrtophriina Papavero, 1975: 229. Type-species, *Cyrtophrys* Loew, 1851.

Senobasiina Papavero, 1975: 229. Type-genus, *Senobasis* Macquart, 1838.

Senobasina Sabrosky, 1999: 279, corrected spelling.

Ref. – Papavero, 1975 (rev.).

Genus **Cyrtophrys** Loew, 1851

Dasyopogon, subg. **Cyrtophrys** Loew, 1851: 3. Type-species, *Dasyopogon* (*Cyrtophrys*) *attenuatus* Loew, 1851 (orig. des.). *Myolestes* Brèthes, 1904: 338. Type-species, *Myolestes lynchii* Brèthes, 1904 (mon.). Refs. – Arnaud, 1974 (erroneously as a valid genus); Papavero, 1975: 229 (syn.).

Myolestes Kertész, 1909: 123 (preocc. Bonaparte, 1850), emend.

Mirolestes Curran, 1935: 1 (unjustified *nom. nov.* for *Myolestes* Brèthes, 1904). Type-species, *Myolestes lynchii* Brèthes, 1904 (aut.).

Ref. – Papavero, 1975: 231 (key to spp.).

albimanus (Carrera), 1949: 114, fig. 94 (*Mirolestes*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. – Brazil (Rio de Janeiro). Ref. – Hull, 1962 (1): 252 (*Mirolestes*); Martin & Papavero, 1970: 31 (cat.; *Mirolestes*); Papavero, 1975: 231, fig. 17 (n. comb.); Artigas & Papavero, 1988b: 232, figs. 58, 65-69. Type, MZUSP.

attenuatus (Loew), 1851: 3 (*Dasyopogon* (*Cyrtophrys*)). Type-locality: “Brazil” (probably Rio de Janeiro, Nova Friburgo; cf. Papavero, 1971e: 87). Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Kertész, 1909: 119 (cat.); Bromley, 1946: 106 (cat.); Carrera, 1949: 121; Hull, 1962 (1): 250, figs. 180, 552, 566, 1091, 1100, 1893 (*Lastauroides*); Martin & Papavero, 1970: 30 (cat.); Papavero, 1975: 232, figs. 1, 10, 18, 44, 50-52, 77, 93-95 (n. comb.); Artigas & Papavero, 1988b: 238, fig. 94. Syntypes, BZM [no. 10133; cf. Schumann, 1973: 89].

tenuis Walker, 1851: 86 (*Dioctria*). Type-locality: “South America”. Refs. – Walker, 1854: 387 (*Dioctria*); Williston, 1891: 69 (cat.; *Dioctria*); Kertész, 1909: 114 (cat.; *Dioctria*); Hull, 1962 (1): 29 (*Dioctria*); Martin & Papavero, 1970: 31 (cat.; *Mirolestes*); Papavero, 1975: 232 (syn.). Martin & Papavero, 1970: 18 (cat.; *Mirolestes*).

atennatus Williston, 1891: 74 (cat.; as from Chile, in error), error.

barbiellini Curran, 1935: 1 (*Mirolestes*). Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 107 (cat.; *Mirolestes*);

- Carrera, 1949: 113, figs. 10, 62, 96, 120, 132, 134, 181; Carrera & Vulcano, 1961: 69 (prey); Carrera & Papavero, 1962: 55; Hull, 1962 (1): 252 (*Mirolestes*); Martin & Papavero, 1970: 31 (cat.); Papavero, 1975: 232 (syn.). Type, AMNH.
- facialis** (Curran), 1935: 1 (in key), 2 (*Mirolestes*). Type-locality: Brazil, São Paulo. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Bromley, 1946: 107 (cat.; *Mirolestes*); Hull, 1962 (1): 252, figs. 71, 1821, 1829 (*Mirolestes*); Martin & Papavero, 1970: 31 (cat.; *Mirolestes*); Papavero, 1975: 232, figs. 19, 96-98 (n. comb.). Type, AMNH.
- pleuralis* Curran, 1935: 1 (in key), 3 (*Mirolestes*). Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 107 (cat.; *Mirolestes*); Carrera, 1949: 233 (as syn. of *lynchii* Brèthes, in error); Hull, 1962 (1): 252 (*Mirolestes*; as syn. of *lynchii* Brèthes, 1901); Martin & Papavero, 1970: 31 (cat.; *Mirolestes*, syn.). Type, AMNH.
- fascialis* Carrera, 1949: 116, figs. 59, 95 (*Mirolestes*), 1953a: 274 (*Mirolestes*); Carrera & Papavero, 1962: 54, error.
- lynchii** (Brèthes), 1901: 338 (*Myolestes*). Type-locality: Argentina, Tucumán. Distr. – Venezuela (Carabobo), Brazil (Mato Grosso, São Paulo, Santa Catarina), Argentina (Tucumán). Refs. – Kertész, 1909: 123 (cat.; *Myiolestes*); Curran, 1935: 1 (in key) (*Mirolestes*); Carrera, 1949: 116, figs. 59, 95 (*Mirolestes*); Carrera & Papavero, 1962: 54; Hull, 1962 (1): 252, fig. 530, 1092, 1101 (*Mirolestes*); Carrera & Machado-Allison, 1963: 235; Martin & Papavero, 1970: 31 (cat.; *Mirolestes*); Papavero, 1975: 235, figs. 20, 99-101 (n. comb.).
- sp.** Papavero, 1975: 236 (Venezuela, Carabobo, Valle Seco).

Genus *Deromyia* Philippi, 1865

***Deromyia* Philippi, 1865: 705.** Type-species, *Deromyia gracilis* Philippi, 1865 (sub. des., Williston, 1901: 311, as of Rondani, in error) = *fuscipennis* (Blanchard, 1852).

Ref. – Papavero, 1975: 236 (key to spp.).

- fuscipennis** (Blanchard), 1852: 371, pl. 1, figs. 6a-b (*Gonypus*). Type-locality: Chile, Santiago. Neotype-locality: Chile, Curicó, Estero La Jaula. Distr. – Chile (Arauco, Cautín, Concepción, Colchagua, Curicó, Linares, Malleco, Ñuble, O'Higgins, Santiago, Talca, Valparaíso), Argentina (Río Negro). Refs. – Walker, 1855: 771 (*Leptogaster*); Kertész, 1909: 116 (cat.); Bromley, 1932: 267 (*Deromyia*); Stuardo Ortiz, 1946: 82 (cat.); Carrera & Papavero, 1962: 61; Hull, 1962 (1): 250; Martin, 1968: 3 (cat., *Leptogaster*); Artigas, 1970a: 113, figs. 173-178, 441, 1971: 11, figs. 11-12; Martin & Papavero, 1970: 31 (cat.); Papavero, 1975: 237, figs. 2, 11, 21, 53-55, 78, 102-104; Artigas & Papavero, 1988b: 232, fig. 59. Type, lost. NT DZUC [des. by Artigas, 1970a: 114].
- nigrescens* Blanchard, 1852: 371 (*Leptogaster*), error.
- fuscipennis* Philippi, 1865: 705 (*Leptogaster*), 706; Williston, 1891: 75 (cat.), error.
- gracilis* Philippi, 1865: 706, pl. 26, figs. 29, 29a. Type-locality: “Chile”. Refs. – Williston, 1891: 75 (cat.); Kertész, 1909: 116 (cat.); Stuardo Ortiz, 1946: 82 (cat.); Carrera, 1949: 122; Artigas, 1961: 5, figs. 2, 4, 6; Hull, 1962 (1): 250, figs. 532, 1089, 1098. Type, lost.
- nigriventris** (Bigot), 1878: 427 (*Lochites*). Type-locality: “Chile”. Distr. – Chile (Arauco, Malleco, Ñuble). Refs. – Williston, 1891: 75 (cat.; *Senobasis*); Kertész, 1909: 125 (cat.; *Lochites*); Brèthes, 1925: 105 (*Lochitomyia*); Stuardo Ortiz, 1946: 82 (cat.; *Senobasis*); Hull, 1962 (1): 233 (*Blepharepium*), 422 (*Senobasis*); Martin & Papavero, 1970: 31 (as syn. of *fuscipennis* Blanchard, in error); Artigas, 1970a: 116, figs. 179-180, 446, 1971: 11, figs. 13-14; Papavero, 1975: 238. Type, OXF.
- negriventris* Artigas, 1970a: 113 (in key), error.

Genus *Megapoda* Macquart, 1834

***Megapoda* Macquart, 1834: 288.** Type-species, *Megapoda cyanea* Macquart, 1834 (mon.) = *Megapoda labiata* (Fabricius, 1805).

- labiata** (Fabricius), 1805: 160 (*Laphria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Guyana, Brazil (Amazonas, Pará, Mato Grosso, Paraíba, Bahia, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1821: 232 (*Laphria*), 1828: 499 (*Laphria*); Macquart, 1838: 59 (1839: 175) (n. comb.); Walker, 1849: 371 (*Laphria*), 1855: 509; Schiner, 1868: 690; Wulp, 1882b: 103; Roeder, 1887: 76; Williston, 1889: 256, 1891: 77 (cat.); Kertész, 1909: 161 (cat.); Hermann, 1912: 18, fig. 9; Bromley, 1946: 108 (cat.); Carrera, 1949: 7, fig. 1, 1952c: 62, figs. 13-20, 1960a: 157; Hull, 1962 (1): 424, figs. 247, 635, 1275, 1284, 1564, 1568, 1816, 2111, 2139; Martin & Papavero, 1970: 55 (cat.); Papavero, 1975: 246, figs. 4, 14, 26, 46, 59-61, 80, 108-110; Artigas & Papavero, 1988b: 232, fig. 60, 234, figs. 71-75, 238, fig. 95; Castillo, Jerez & Artigas, 1994 (egg chorion); Geller-Grimm, 1999: 210 [specimen in SENCK]. Type, COPN [cf. Zimsen, 1964: 468].
- rufimanus* Perty, 1833: 181, pl. 36, fig. 6 (*Dasyopogon*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (as “Sebastianopolis”). Ref. – Kertész, 1909: 161 (*Megapoda*). Type, lost.

cyanea Macquart, 1834: 288. Type-locality: "Brazil". Ref. – Macquart, 1838: pl. 5, fig. 3. Type, lost.

Genus *Pronomopsis* Hermann, 1912

Pronomopsis Hermann, 1912: 18. Type-species, *Pronomopsis chalybea* Hermann, 1912 (orig. des.).

Ref. – Papavero, 1975: 249 (key to spp.).

chalybea Hermann, 1912: 19, fig. 10, pl. 1, fig. 4. Type-locality: Argentina, Mendoza. Distr. – Argentina (Mendoza). Refs. – Carrera, 1949: 8, 1952c: 60; Hull, 1962 (1): 423; Artigas, 1964: 8, 1970a: 253, fig. 411; Martín & Papavero, 1970: 56 (cat.); Papavero, 1975: 249. Type, ZSBS.

pseudorubripes Lamas M., 1972: 312, fig. 4. Type-locality: Peru, Cuzco. Distr. – Peru (Cuzco). Type, Departamento de Zoología y Entomología, Universidad Nacional "San Antonio Abad", Cuzco, Peru.

rubripes Hermann, 1912: 20. Type-locality: Peru, Puno, Juliaca, 4000 m. Distr. – Peru (Puno), Chile (Antofagasta). Refs. – Hull, 1962 (1): 423, figs. 240, 660, 1238, 1247, 2105, 2144; Artigas, 1964: 4, figs. 2, 4-6, 9-13; Artigas, 1970a: 254, figs. 213, 215-219, 412, 1971: 31, figs. 73-74; Martín & Papavero, 1970: 56 (cat.); ; Lamas M., 1972: 312 (cat.); Papavero, 1975: 250, figs. 7, 27, 62-64, 81, 111-113; Artigas & Papavero, 1988b: 235, figs. 76-81TP ZSBS.

talabrensis Artigas, 1964: 6, figs. 1, 3, 8, 12, 14. Type-locality: Chile, Antofagasta, Talabre. Distr. – Chile (Antofagasta). Refs. – Artigas, 1970a: 256, fig. 486, 1971: 32, figs. 71-72; Martín & Papavero, 1970: 56 (cat.); Papavero, 1975: 251. Type, DZUC.

Genus *Pseudorus* Walker, 1851

Pseudorus Walker, 1851: 103. Type-species, *Pseudorus piceus* Walker, 1851 (mon.).

Ampyx Walker, 1855: 564 (preocc. Dalman, 1827). Type-species, *Ampyx varipennis* Walker, 1855 (mon.) = *Pseudorus distendens* (Wiedemann, 1838). Ref. – Papavero, 1975: 251 (syn.).

Doryclus Jaenicke, 1867: 366. Type-species, *Asilus distendens* Wiedemann, 1828 (orig. des.). Ref. – Papavero, 1975: 251 (syn.).

Pseudoryclus Carrera, 1952c: 61, 75. Type-species, *Megapoda rufiventris* Roeder, 1887 (orig. des.). Ref. – Papavero, 1975: 251 (syn.).

Ref. – Papavero, 1975: 251 (key to spp.).

bicolor Bellardi, 1861: 111 (11), pl. 1, fig. 20. Type-locality: Mexico, Veracruz, Playa Vicente. Distr. – Mexico (Nayarit, Michoacán, Oaxaca, Guerrero, Jalisco, Veracruz, Yucatán). Refs. – Osten Sacken, 1887: 183; Williston, 1889: 256, 1901: 315; Aldrich, 1905: 267 (cat.); Kertész, 1909: 161 (cat.); Hermann, 1912: 14; Carrera, 1949: 15; Carrera & d'Andretta, 1950: 162, fig. 13; Carrera, 1952c: 76 (*Pseudoryclus*); Hull, 1962 (1): 428 (*Pseudoryclus*); Martín & Papavero, 1970: 57 (cat.; *Pseudoryclus*); Papavero, 1975: 254, figs. 35, 86, 114-116; Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.

conspectus Tomasovic & Braet, 2001: 380, figs. 1-2, 9-11 [with notes on a mimetic complex involving Braconidae and Ichneumonidae (Hymenoptera), Reduviidae (Hemiptera) and Arctiidae Ctenuchinae (Lepidoptera)]. Type-locality: French Guiana, Montagne de Kaw, Relais Patawa (4o32'42.20" N, 52o09'09.19" W). Distr. – French Guiana. Type, FUSAGembloux.

dandrettae Carrera, 1949: 15 (as *d'andrettae*). Type-locality: Brazil, São Paulo, Itaporanga (Núcleo Barão de Antonina). Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Carrera, 1952c: 82; Hull, 1962 (1): 430; Martín & Papavero, 1970: 56 (cat.); Papavero, 1975: 256, figs. 8, 16, 37, 68-70, 88; Geller-Grimm, 1997: 459, figs. 2a-g (descr. of male). Type, MZUSP.

dimidiatus Oldroyd, 1964: 5 (as *dimiata*, error), 9, figs. 1-2, 6.3. Type-locality: Brazil, Amazonas. Distr. – Venezuela, Peru, Brazil (Amazonas, Pará). Refs. – Martín & Papavero, 1970: 56 (cat.); Papavero, 1975: 256, figs. 42, 71-731; Fisher, 1984: 28. Type, BMNH.

distendens (Wiedemann), 1828: 571 (*Asilus*). Type-locality: "Brazil" [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Mexico to Paraguay, southern Brazil and Argentina (Misiones, Tucumán, Buenos Aires). Refs. – Schiner, 1866: 690 (*Asilus*); Jaenicke, 1867: 366, pl. 44, fig. 3 (*Doryclus*); Roeder, 1887: 76 (*Doryclus*); Williston, 1889: 256 (*Doryclus*), 1891: 77 (cat.; *Doryclus*); Aldrich, 1905: 268 (cat.; *Doryclus*); Kertész, 1909: 161 (cat.; *Doryclus*); Hermann, 1912: 12 (*Doryclus*); Curran, 1942: 56 (*Doryclus*); Bromley, 1946: a 108 (cat.; *Doryclus*); Carrera, 1949: 9 (*Doryclus*); Bromley, 1951: 17 (in key; *Doryclus*); Carrera, 1952c: 80, figs. 23-24, 27 (*Doryclus*; *cyaniventris*, *varipennis*, *latipes*, *guentherii* and *panamensis* as syn.); Hull, 1962 (1): 427, figs. 236, 647, 1278, 1287, 2104, 2118, 2169 (*Doryclus*); Martín & Papavero, 1970: 56 (cat.; *Doryclus*); Lamas M., 1972: 312 (cat.); Papavero, 1975: 257, figs. 9, 15, 36, 74-76, 87, 117-119; Knutson,

- 1976: 509 (*Doryclus*; pupal case); Fisher, 1984: 28; Artigas & Papavero, 1988b: 236, figs. 82-86, 238, fig. 97; Dennis & Knutson, 1988: 860. Type, SENCK [cf. Geller-Grimm, 1999: 208].
- crassitarsis* Macquart, 1846: 198 (1846: 70), pl. 7, figs. 11, 11a. Type-locality: "Brazil". Refs. – Walker, 1855: 509 (*Megapoda*); Kertész, 1909: 162 (cat.; *Doryclus*); Curran, 1942: 56 (*Doryclus*); Bromley, 1946: 108 (cat.; *Doryclus*); Carrera, 1949: 10 (*Doryclus*); Bromley, 1951: 17 (in key; *Doryclus*); Carrera, 1952c: 81, figs. 21-22, 25-26, 28-29 (*Doryclus*); Hull, 1962 (1): 427 (*Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*). Type, lost.
- cyaneiventris* Macquart, 1846: 199 (1846: 71), pl. 7, fig. 12 (*Megapoda*). Type-locality: "Mexico". Refs. – Walker, 1855: 508 (*Megapoda*); Roeder, 1887: 76 (*Doryclus*); Bromley, 1951: 17 (in key; *Doryclus*); Carrera, 1952c: 78; Martin, 1965a: 27; Papavero & Ibáñez Bernal, 2001: 84 (hist. Mexican dipterol.). Type, MNHNP.
- varipennis* Walker, 1855: 564 (*Ampyx*). Type-locality: Brazil, Pará, Santarém. Ref. – Osten Sacken, 1887: 182 (*Doryclus*); Curran, 1942: 56 (*Doryclus*); Carrera, 1949: 11 (*Doryclus*); Bromley, 1951: 17 (in key; *Doryclus*). Type, BMNH.
- latipes* Wulp, 1870: 216, pl. 9, figs. 7-12 (*Doryclus*). Type-locality: "Surinam". Refs. – Curran, 1942: 56 (*Doryclus*). Bromley, 1951: 17 (in key; *Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*). Type, ZMA.
- guentherii* Lynch Arribálzaga, 1882: 186 (*Doryclus*). Type-locality: Argentina, Buenos Aires. Refs. – Williston, 1891: 77 (*Megapoda*); Kertész, 1909: 161 (cat.; *Megapoda*); Hermann, 1912: 12 (*Doryclus*); Bromley, 1946: 108 (cat.; *Doryclus*); Carrera, 1949: 13 (*Doryclus*); Bromley, 1951: 17 (in key; *Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*). Type, MACN.
- panamensis* Curran, 1942: 56 (*Doryclus*). Type-locality: Panama, Canal Zone, Corozal. Ref. – Bromley, 1951: 17 (in key; *Doryclus*); Hull, 1962 (1): 427 (*Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*). Type, AMNH.
- carrerai* Bromley, 1951: 17 (in key), 18 (*Doryclus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Refs. – Hull, 1962 (1): 427 (*Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*); Papavero, 1975: 258 (syn.). Type, AMNH.
- plaumanni* Bromley, 1951: 18 (*Doryclus*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Refs. – Hull, 1962 (1): 427 (*Doryclus*); Martin & Papavero, 1970: 56 (cat.; *Doryclus*); Papavero, 1975: 258 (syn.). Type, AMNH.
- distends* Notario, Michela, Fiorentino & Castresana, 2000: 17, error ("emergieron de trozas en las que sólo se encontraron *B[rasilianus] lacordairei* [(Gahan, 1892)], *B[rasilianus] murinus* [(Gahan, 1892)] [Coleoptera, Cerambycidae] y *C[hrysobotris] holochalcea?* [Burmeister, 1872] [Coleoptera, Buprestidae]").
- hermanni** Carrera, 1949: 14. Type-locality: unknown [Brazil]. Distr. – Brazil (Santa Catarina). Refs. – Carrera, 1952c: 61; Oldroyd, 1964: 8, figs. 4, 6.1; Hull, 1962 (1): 430; Martin & Papavero, 1970: 56 (cat.); Papavero, 1975: 260, figs. 38, 49, 89, 120-122. Lectotype NMW [des. by Oldroyd, 1954a: 9].
- piceus* Walker of Schiner, 1866: 703 and Hermann, 1912: 13, fig. 5, misident.
- holcephalinus** Papavero, 1975: 261, figs. 39, 47, 90. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (Santa Catarina). Type, MZUSP.
- dandrettiae* Carrera of Oldroyd, 1964: 5, 10, figs. 3, 6.3, misident.
- martini** Papavero, 1975: 262, figs. 40, 91, 123-125. Type-locality: Mexico, Puebla, south of Matamoros. Distr. – Mexico (Morelos, Puebla). Ref. – Artigas & Papavero, 1988b: 232, figs. 61-62. Type, MZUSP.
- mexicanus** (Bromley), 1951: 17 (*Doryclus*). Type-locality: Mexico, Sonora, Agua Prieta. Distr. – Mexico (Sonora). Refs. – Hull, 1962 (1): 427 (*Doryclus*); Papavero, 1975: 263 (n. comb.). Type, USNM.
- piceus** Walker, 1851: 103, pl. 4, figs. 5, 5a. Type-locality: "South America". Distr. – Brazil (Espírito Santo). Refs. – Walker, 1854: 493; Williston, 1889: 256, 1891: 77 (cat.); Kertész, 1909: 161 (cat.); Hermann, 1912: 13; Bromley, 1946: 108 (cat.); Carrera, 1949: 15; Hull, 1962 (1): 430, text-fig. 29, figs. 235, 668, 1279, 1288, 2168; Oldroyd, 1964: 7, figs. 5, 6.1; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 254, figs. 48, 92. Type, BMNH.
- rufiventris** (Roeder), 1887: 78 (*Megapoda*). Type-locality: Brazil, Amazonas, Maués. Distr. – Peru (Huancayo), Brazil (Amazonas). Refs. – Williston, 1891: 77 (cat.; *Megapoda*); Kertész, 1909: 161 (cat.; *Megapoda*); Hermann, 1912: 18 (*Megapoda*); Bromley, 1946: 108 (cat.; *Megapoda*); Carrera, 1952c: 75 (*Pseudoryclus*); Hull, 1962 (1): 428 (*Pseudoryclus*); Martin & Papavero, 1970: 57 (cat.; *Pseudoryclus*); Lamas M., 1972: 312 (cat.; *Pseudoryclus*); Papavero, 1975: 264, fig. 43 (n. comb.).

Genus *Senobasis* Macquart, 1838

- Senobasis** Macquart, 1838: 52 (1839: 168). Type-species, *Senobasis analis* Macquart, 1838 (sub. des., Bromley, 1934: 332). *Stenobasis* Agassiz, 1846: 338, emend.
- Astylium* Rondani, 1850: 185. Type-species, *Astylium dorsiger* Rondani, 1850 (orig. des.).
- Lochites* Schiner, 1866: 655 (key, 671 (12868: 163; second erection of genus) (preocc. Cabanius & Heine, 1860). Type-species, *Laphria ornata* Wiedemann, 1819 (orig. des.).
- Astylium* Kertész, 1909: 83, emend.
- Stenobasis* Kertész, 1909: 123, emend.
- Lochitomyia* Brèthes, 1925: 105 (*nom. nov.* for *Lochites* Schiner, 1866). Type-species, *Laphria ornata* Wiedemann, 1819 (aut.).

Ref. – Papavero, 1975: 265 (key to spp.).

- aedon** (Walker), 1849: 343 (*Dasyopogon*). Type-locality: “Venezuela”. Distr. – Colombia, Venezuela. Refs. – Walker, 1854: 432 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 83 (*Stichopogon*); Bezzi, 1910c: 155 (*Neopogon*); Hull, 1962 (1): 106 (*Stichopogon*); Martin & Papavero, 1970: 5 (cat.; *Stichopogon*); Papavero, 1975: 269, figs. 126, 128-131 (n. comb.). Type, BMNH.
- staurophora* Schiner, 1868: 164 (*Lochites*). Type-locality: “Colombia”. Lectotype-locality: “Venezuela” (Papavero, 1975: 269). Refs. – Kertész, 1909: 125 (cat.; *Lochites*); Williston, 1891: 75 (cat.; n. comb.); Kertész, 1909: 125 (cat.; *Lochites*); Carrera, 1949: 21; Hull, 1962 (1): 422; Carrera & Machado-Allison, 1963: 239; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 269 (syn.). Lectotype NMW [des. by Papavero, 1975: 269].
- almeidai** Carrera, 1946c: 121. Type-locality: Brazil, São Paulo, Araraquara. Distr. – Brazil (São Paulo). Refs. – Carrera, 1949: 18, 1952c: 66; Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 288. Type, MZUSP.
- analis** Macquart, 1838: 53 (1839: 169), pl. 5, figs. 1, 1a, 1b. Type-locality: French Guiana, Mana river (as “Brésil, Lamana”, in error). Distr. – Colombia, Guyana, French Guiana, Peru, Brazil (Amazonas, Amapá). Refs. – Walker, 1854: 500; Williston, 1891: 74 (cat.); Kertész, 1909: 123 (cat.; *Stenobasis*); Curran, 1934c: 332; Bromley, 1946: 106 (cat.); Carrera, 1949: 19; Hull, 1962 (1): 422, figs. 675, 1276, 1286, 2107, 2131, 2165; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 271, figs. 28, 131-133; Fisher, 1984: 28. Type, MNHNP.
- tibialis* Curran, 1934c: 332. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Carrera, 1949: 27; Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 271 (syn.). Type, AMNH.
- apicalis** (Schiner), 1867: 370 (*Lochites*). Type-locality: “Brazil” [Helmreich [sic]] (probably Minas Gerais, where Helmreich stayed most of his time); cf. Papavero, 1973d: 295]. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Williston, 1891: 75 (n. comb.); Kertész, 1909: 124 (cat.; *Lochites*); Williston, 1891: 75; Bromley, 1946: 106 (cat.); Carrera, 1949: 18, 1952c: 68; Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 271, fig. 85; Artigas & Papavero, 1988b: 237, figs. 87-93. Type, NMW.
- lopesi* Carrera, 1949: 19, fig. 165. Type-locality: Brazil, Rio de Janeiro, Teresópolis. Refs. – Carrera, 1952c: 65; Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 271 (syn.). Type, MZUSP.
- bromleyana** Carrera, 1949: 22, fig. 30. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. – Brazil (Goiás, Minas Gerais, São Paulo). Refs. – Carrera, 1952c: 67; Carrera & Vulcano, 1961: 70 (preys); Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 374, figs. 134-136; Artigas & Papavero, 1988b: 238, fig. 96. Type, MZUSP.
- claripennis** (Schiner), 1867: 369 (*Lochites*). Type-locality: “Brazil (Bescke)” (most probably Nova Friburgo, state of Rio de Janeiro; cf. Papavero, 1971b: 87-89). Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina). Refs. – Williston, 1891: 75 (cat.); Kertész, 1909: 125 (cat.; *Lochites*); Bromley, 1946: 106 (cat.; n. comb.); Carrera, 1949: 25, fig. 164 (part), 1952c: 67 (part), 1960a: 157; Carrera & Vulcano, 1961: 70 (preys); Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 276, figs. 65-67, 82, 143-145; Artigas & Papavero, 1988b: 232, figs. 63-64. Type, NMW.
- clavigera** (Rondani), 1850: 185, pl. 4, fig. 8 (*Astylium*). Type-locality: “Venezuela”. Distr. – Venezuela, Peru (Huánuco). Refs. – Osten Sacken, 1891: 417 (*Astylium*); Kertész, 1909: 83 (cat.; *Astylium*); Carrera & d’Andretta, 1953: 65; Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Lamas M., 1972: 312 (cat.); Papavero, 1975: 277. Type, TORO.
- clavigeroides** Papavero, 1975: 277. Type-locality: Ecuador, Santo Domingo, 500 m. Distr. – Ecuador, Peru. Type, MZUSP.
- clavigera* Rondani of Carrera, 1952c: 70, misident.
- corsair** Bromley, 1951b: 12. Type-locality: Panama, Rio Indio. Distr. – Costa Rica, Panama, Colombia. Refs. – Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 277, figs. 29, 45, 83, 149-151; Shelly, 1985a: 253 (reproductive behaviour). Type, USNM.
- flukey** Carrera, 1952c: 68, fig. 7. Type-locality: Ecuador, Manabí, Palmar, 200 m. Distr. – Ecuador, Peru. Refs. – Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 281, figs. 30, 152-154. Type, MZUSP.
- frosti** Bromley, 1951b: 12. Type-locality: Panama, Pecora. Distr. – Panama. Refs. – Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 282. Type, USNM.
- gyrophora** (Schiner), 1868: 164, pl. 2, fig. 10 (*Lochites*). Type-locality: “Brazil (Coll. Winthem)” [probably from Rio de Janeiro]. Distr. – Brazil (Rio de Janeiro, Santa Catarina). Refs. – Williston, 1891: 75 (cat.); Kertész, 1909: 125 (*Lochites*); Bromley, 1946: 106 (cat.; n. comb.); Carrera, 1949: 29, figs. 2, 32, 166; Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1970: 282, figs. 84, 155-157. Type, NMW.
- lanei** Carrera, 1949: 23, fig. 3. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Carrera, 1952c: 73, 1960a: 157; Carrera & Vulcano, 1961: 69 (preys); Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 282, figs. 40, 158-160. Type, MZUSP.
- boraceana* Carrera, 1952c: 74. Type-locality: Brazil, São Paulo, Salesópolis (Estação Biológica de Boracéia). Refs. – Carrera, 1958a: 146; Hull, 1962 (1): 422; Martin & Papavero, 1970: 57 (cat.); Papavero, 1975: 282 (syn.). Type, MZUSP.
- lenkoi** Papavero, 1975: 283, figs. 137-139. Type-locality: Brazil, Mato Grosso, Utiariti. Distr. – Brazil (Mato Grosso). Type, MZUSP.
- mendax** Curran, 1934c: 333. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Distr. – Colombia, Venezuela, Ecuador, Peru, Guyana, French Guiana, Brazil (Amazonas). Refs. – Carrera, 1949: 21, 1952c: 67; Hull, 1962 (1): 422; Carrera & Machado-Allison, 1963: 239; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 284, figs. 161-163;

Fisher, 1984: 28. Type, AMNH.

mundata (Wiedemann), 1838: 569 (*Dasyopogon*). Type-locality: "Brazil". Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Loew, 1851: 11 (*Stenobasis*); Walker, 1854: 444 (*Dasyopogon*); Schiner, 1866: 681 (*Dasyopogon*); Williston, 1891: 67 (cat.; *Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Carrera, 1949: 28, 1952c: 72, 1960a: 157; Hull, 1962 (1): 228 (*Dasyopogon*), 422 [*Senobasis*]; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 285, figs. 164-168. Type, SENCK [cf. Geller-Grimm, 1999: 211].

gyrophora Schiner of Carrera, 1949: 29, misident.

notata (Bigot), 1878: 416 (?*Diogmites*). Type-locality: "Amazonia". Distr. – Ecuador, Peru (Loreto), Brazil (Amazonas, Pará, Amapá). Refs. – Williston, 1891: 75 (cat.; *Deromyia*); Kertész, 1909: 117 (cat.; *Deromyia*); Carrera & d'Andretta, 1953: 65 (?*Senobasis*); Hull, 1962 (1): 232 (*Diogmites*); Martin & Papavero, 1970: 26 (cat.; *Diogmites*); Papavero, 1975: 287, figs. 34, 170-172; Fisher, 1984: 28. Type, lost.

weyrauchi Carrera, 1952c: 72, fig. 9. Type-locality: Peru, Loreto, Pucallpa, 200 m. Refs. – Carrera & d'Andretta, 1953: 64; Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Lamas M., 1972: 312 (cat.); Papavero, 1975: 287 (syn.).

ornata (Wiedemann), 1819: 49 (*Laphria*). Type-locality: "Brazil" [Freireiss (somewhere in southeastern Brazil, probably Rio de Janeiro or Espírito Santo; cf. Papavero, 1971b: 57-58)]. Distr. – Brazil (Espírito Santo, Rio de Janeiro). Refs. – Wiedemann, 1821: 222 (*Dasyopogon*), 1828: 386, 585 (*Dasyopogon*); Walker, 1854: 444 (*Dasyopogon*); Schiner, 1866: 677 (*Lochites*), 1867: 369 (*Lochites*); Williston, 1891: 75 (cat.); Kertész, 1909: 125 (cat.; *Lochites*); Bromley, 1946: 106 (cat.; n. comb.); Carrera, 1949: 30; Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 287, figs. 33, 167-169. Type, SENCK [cf. Geller-Grimm, 1999: 213].

rhombungulata Carrera, 1949: 20, pl. 16, fig. 150. Type-locality: Brazil, Rio de Janeiro, Angra dos Reis. Refs. – Hull, 1962 (1): 422; Martin & Papavero, 1970: 58 (cat.); Papavero, 1975: 287 (syn.). Type, IOC.

Subfamily Laphriinae Macquart, 1838

Laphritae Macquart, 1838: 56 (1839: 172). Type-genus, *Laphria* Meigen, 1803.

Laphritidae Bigot, 1852: 485.

Laphridae Bigot, 1857b: 536.

Laphriinae Schiner, 1860: 209.

Laphriida Gistel, 1848: 152.

Laphrites Walker, 1855: 507.

Laphriina Rondani, 1856: 32.

Laphrina Rondani, 1856: 160, 212.

Laphira Valdés-Raguès, 1908: 309.

Tribe Andrenosomatini Hull, 1962

Erecmoneminae Hermann, 1912: 21, part.

Andrenosomini Hull, 1962 (1): 348. Type-genus, *Andrenosoma* Rondani, 1856.

Andrenosomatini Sabrosky, 1999: 45, corrected spelling.

Genus *Andrenosoma* Rondani, 1856

Andrenosoma Rondani, 1856: 160. Type-species, *Asilus ater* Linnaeus, 1758 (orig. des.).

albolineatum (Macquart), 1850: 378 (1850: 74) (*Laphria*). Type-locality: Bolivia, Mojos [= Depto. Beni]. Distr. – Bolivia. Refs. – Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 176 (cat.; *Laphria*); Martin & Papavero, 1970: 42 (cat.). Type, MNHNP.

appendiculatum (Macquart), 1846: 203 (1846: 75), pl. 7, fig. 18 (*Laphria*). Type-locality: French Guiana, Cayenne. Distr. – French Guiana. Refs. – Walker, 1855: 536 (*Laphria*); Williston, 1891: 81 (cat.; *Andrenosoma*); Kertész, 1909: 197 (cat.; *Nusa*); Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.).

avicenniae Farr, 1965: 12, figs. 5-6. Type-locality: Jamaica, Clarendon, Portland Ridge. Distr. – Jamaica. Ref. – Martin & Papavero, 1970: 42 (cat.). Type, BMNH.

batesi Bromley, 1931a: 132. Type-locality: Brazil, "Amazon river". Distr. – Brazil (Amazonia). Refs. – Bromley, 1946: 110 (cat.); Martin & Papavero, 1970: 42 (cat.). Type, BMNH.

- camposi** Curran, 1931b: 20. Type-locality: Ecuador, Guayas, Guayaquil. Distr. – Ecuador. Refs. – Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.). Type, AMNH.
- chalybeum** Williston, 1885: 56. Type-locality: “San Domingo”. Distr. – Cuba, Dominican Republic (Azua, Barahona, Hato Mayor, La Altagracia, Pedernales), Puerto Rico. Refs. – Aldrich, 1905: 1269 (cat.; *Nusa*); Kertész, 1909: 198 (cat.; *Nusa*); Bromley, 1929a: 284, pl. 1, fig. 17; Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 46 (cat.); Fisher, 1986: 90; Scarbrough & Perez-Gelabert, 2006: 17.
- cinctum** (Bellardi), 1861: 118 (18), pl. 1, fig. 19 (*Laphria*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1887: 188; Aldrich, 1905: 269 (cat.; *Nusa*); Kertész, 1909: 198 (cat.; *Nusa*); Hermann, 1912: 254 (*Nusa*, as syn. of *clausicella* Macquart, 1850); Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- cinereum** (Bellardi), 1861: 116 (16), pl. 1, fig. 16 (*Laphria*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Osten Sacken, 1887: 188; Aldrich, 1905: 269 (cat.; *Nusa*); Kertész, 1909: 198 (cat.; *Nusa*); Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Syntypes, TORO.
- corallium** Martin, 1966c: 327. Type-locality: Mexico, Oaxaca, Valerio Trujano. Distr. – Mexico (Oaxaca). Ref. – Martin & Papavero, 1970: 42 (cat.). Type, CAS.
- cruentum** (McAtee), 1919: 244 (*Nusa*). Type-locality: U. S. A., Florida. Distr. – U. S. A. (Florida), Mexico. Refs. – Bromley, 1950: 233; Hull, 1962 (1): 350; Martin & Wilcox, 1965: 386 (cat.).
crassum Bromley, 1929a: 285, fig. 9, pl. 1, figs. 11, 13. Type-locality: Cuba, Camaguey. Refs. – Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 46 (cat.). Type, USNM.
- currani** Bromley, 1931a: 133. Type-locality: Brazil, Rio Grande do Sul, Santa Cruz. Distr. – Brazil (Rio Grande do Sul). Refs. – Bromley, 1946: 110 (cat.); Martin & Papavero, 1970: 42 (cat.). Type, HAMBURG.
- erythropyga** (Wiedemann), 1828: 509 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Peru (Lima), Brazil. Refs. – Walker, 1849: 375 (*Laphria*), 1855: 535 (*Laphria*); Schiner, 1866: 691; Wulp, 1882b: 104; Williston, 1891: 83 (cat.; *Laphria*); Kertész, 1909: 199 (cat.; *Nusa*); Hermann, 1912: 265, fig. 85 (*Nusa*); Curran, 1930b: 20 (in key); Bromley, 1946: 110 (cat.); Carrera & d’Andretta, 1953: 64; Carrera, 1960a: 156; Hull, 1962 (1): 350; Martin & Papavero, 1970: 42 (cat.); Lamas M., 1972: 308 (cat.) TP SENCK [cf. Geller-Grimm, 1999: 208].
- heros** Bromley, 1931a: 131. Type-locality: Surinam, Demerara. Distr. – Surinam, Brazil (Pará). Refs. – Bromley, 1946: 110 (cat.); Carrera, 1960a: 155; Martin & Papavero, 1970: 43 (cat.). Type, BMNH.
- igneum** Bromley, 1929b: 46. Type-locality: Mexico, Veracruz, Coatepec. Distr. – Mexico (Veracruz). Refs. – Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.). Type, USNM.
- lewisi** Farr, 1965: 13, figs. 7-8. Type-locality: Jamaica, St. Thomas, Morant Point. Distr. – Jamaica. Ref. – Martin & Papavero, 1970: 43 (cat.). Type, USNM.
- mesoxanthum** (Wiedemann), 1828: 513 (*Laphria*). Type-locality: “Brazil”. Refs. – Macquart, 1838: 67 (*Laphria*); Walker, 1855: 538 (*Laphria*); Schiner, 1866: 691; Williston, 1891: 81 (cat.); Kertész, 1909: 200 (cat.; *Nusa*); Bromley, 1946: 110 (cat.); Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.).
- nigrum** Bromley, 1931a: 132. Type-locality: Ecuador, Guayas, Guayaquil. Distr. – Ecuador, Peru (La Libertad, Lima). Refs. – Martin & Papavero, 1970: 43 (cat.); Lamas M., 1972: 308 (cat.). Type, BMNH.
- purpurascens** (Walker), 1856: 457 (*Laphria*). Type-locality: Brazil, Amazonas. Distr. – Brazil (Amazonas). Refs. – Williston, 1891: 81 (cat.); Kertész, 1909: 200 (cat.; *Nusa*); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.).
- pygophorum** Schiner, 1868: 175. Type-locality: “South America”. Refs. – Williston, 1891: 81 (cat.); Kertész, 1909: 200 (cat.; *Nusa*); Hermann, 1912: 258, pl. 5, fig. 63 (*Nusa*); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 350; Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.). Type, NMW.
- pyrrhacra** (Wiedemann), 1828: 517 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 526 (*Laphria*); Schiner, 1866: 692, 1868: 175; Kertész, 1909: 199 (cat.; *Nusa*, as syn. of *fulvicauda* Say, 1823); Hermann, 1912: 265 (*Nusa*); Bromley, 1946: 110 (cat.); Carrera & Vulcano, 1961: 70 (preys). Type, SENCK [cf. Geller-Grimm, 1999: 213].
- quadrimaculatum** Bromley, 1929a: 285, pl. 1, fig. 19. Type-locality: “Cuba”. Distr. – Cuba. Refs. – Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 456 (cat.). Type, MCZ.
- rubidum** (Williston), 1901: 318 (*Nusa*). Type-locality: Mexico, Veracruz, Atoyac. Distr. – U. S. A. (Texas), Mexico (Veracruz). Refs. – Aldrich, 1905: 270 (cat.; *Nusa*); Kertész, 1909: 200 (cat.; *Nusa*); Hull, 1962 (1): 350; Martin & Wilcox, 1965: 386 (cat.); Martin & Papavero, 1970: 43 (cat.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol.). Type, BMNH.
- ruficauda** (Williston), 1885: 55 (*Laphria*). Type-locality: “Santo Domingo”. Distr. – Dominican Republic (Azua, El Seibo, La Altagracia, Pedernales). Refs. – Aldrich, 1905: 273 (cat.; *Laphria*); Kertész, 1909: 193 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; n. comb.); Scarbrough & Perez-Gelabert, 2006: 18 (as *ruficaudum*, error).
- rufiventris** (Blanchard), 1852: 364, pl. 1, fig. 5 (*Laphria*). Type-locality: Chile, Concepción. Distr. – Chile (Aconcagua, Biobío, Coquimbo, Linares, Maule, O’Higgins, Santiago, Valparaíso). Refs. – Philippi, 1865: 684 (*Laphria*); Schiner, 1868: 176 (n. comb.); Williston, 1891: 81 (cat.); Kertész, 1909: 200 (cat.; *Nusa*); Hermann, 1912: 261 (*Nusa*); Curran, 1930b: 20 (in key); Bromley, 1932: 168; Stuardo Ortiz, 1946: 84 (cat.); Hull, 1962 (1): 350; Artigas, 1970a: 239, figs. 197-202, 466, 1971: 30, fig. 67-68; Martin & Papavero, 1970: 43 (cat.). Type, MNHNP.
- calogastra* Philippi, 1865: 684 (*Laphria*). Type-locality: Chile, Valdivia. Refs. – Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 179 (cat.; *Laphria*); Hermann, 1912: 262 (*Nusa*); Curran, 1930b: 20 (in key); Bromley, 1932: 268;

- Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 43 (cat.; syn.). Type, lost.
- sarcophaga** (Hermann), 1912: 263 (*Nusa*). Type-locality: Peru, Huánuco, mouth of Pachitea river, 150 m, and Cuzco, Vilcanota (as Villanota, error). Distr. – Peru (Huánuco). Refs. – Curran, 1930b: 20 (in key); Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.); Lamas M., 1972: 308 (cat.); Fisher, 1984: 30. Type, ?
- sexpunctatum** (Williston), 1901: 319, pl. 6, fig. 4 (*Nusa*). Type-locality: Mexico, Guerrero, Amula. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 270 (cat.; *Nusa*); Kertész, 1909: 200 (cat.; *Nusa*); Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- subheros** Bromley, 1931a: 131. Type-locality: Brazil, Rio Grande do Sul, Santa Cruz. Distr. – Brazil (Amazonas to Espírito Santo, south to Santa Catarina and Rio Grande do Sul). Refs. – Bromley, 1946: 111 (cat.); Carrera, 1960a: 155; Martin & Papavero, 1970: 43 (cat.).
- varipes** (Banks), 1920: 67 (*Laphria*). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Bromley, 1929a: 284; Hull, 1962 (1): 350; Martin & Papavero, 1970: 43 (cat.); Alayo Dalmau & García Ávila, 1983: 46 (cat.).
- xanthocnemum** (Wiedemann), 1828: 509 (*Laphria*). Type-locality: “Brazil”. Distr. – ?Mexico, Venezuela, Guyana, Peru (Junín), Brazil, Paraguay. Refs. – Macquart, 1838: 67 (*Laphria*); Walker, 1855: 691 (*Laphria*); Schiner, 1866: 691 (n. comb.); Wulp, 1882b: 104; Williston, 1891: 81 (cat.); Aldrich, 1905: 170 (cat.; *Nusa*); Hermann, 1905: 31, fig. 19; Kertész, 1909: 201 (cat.; *Nusa*); Hermann, 1912: 258; Curran, 1930b: 20 (in key); Engel, 1930: 468 (*Nusa*); Bromley, 1934: 342, 1946a: 111 (cat.); Carrera, 1947a: 45; Carrera & d’Andretta, 1953: 64; Carrera, 1960a: 156; Hull, 1962 (1): 350; Carrera & Machado-Allison, 1963: 241; Martin & Papavero, 1970: 43 (cat.); Lamas M., 1972: 308 (cat.); Notario, Michela, Fiorentino & Castresana, 2000: 17 (“emergieron de trozas en las que sólo se encontraron *B[rasilianus] lacordairei* [(Gahan, 1892)], *B[rasilianus] murinus* [(Gahan, 1892)] [Coleoptera, Cerambycidae] y *C[hrysobotris] holoclalcea*? [Burmeister, 1872] [Coleoptera, Buprestidae]”). Type, SENCK.

Genus *Cerotainiops* Curran, 1930

- Cerotainiops** Curran, 1930a: 11. Type-species, *Cerotainiops rufiventris* Curran, 1930 (orig. des.).
- omus** Pritchard, 1942: 22. Type-locality: U. S. A., California. Distr. – U. S. A. (California, Arizona), Mexico (Baja California Norte, Baja California Sur, Sonora). Refs. – Hull, 1962 (1): 355; Martin & Wilcox, 1965: 388 (cat.).
- wilcoxi** Pritchard, 1942: 23. Type-locality: U. S. A., Arizona, Tempe. Distr. – U. S. A. (Arizona), Mexico (Baja California). Refs. – Hull, 1962 (1): 355; Martin & Wilcox, 1965: 388 (cat.); Martin & Papavero, 1970: 45 (cat.).
- abdominalis* Brown of authors, misident.
- pritchardi* Hull, 1960: 70. Type-locality: Mexico, Baja California. TP, CAS.

Genus *Dasyllis* Loew, 1851

- Laphria*, subg. **Dasyllis** Loew, 1851: 20. Type-species, *Laphria haemorrhoea* Wiedemann, 1830 (orig. des.).
- Ref. – Artigas, Papavero & Pimentel, 1988: 245, figs. 1-2 (key to spp.).
- albicollis** Bigot, 1878: 229. Type-locality: “South America”. Distr. – Paraguay. Refs. – Williston, 1891: 79 (cat.); Kertész, 1909: 172 (cat.); Hermann, 1912: 238; Bromley, 1951: 21 (list); Carrera, 1958b: 219; Hull, 1962 (1): 359; Martin & Papavero, 1970: 45 (cat.); Artigas, Papavero & Pimentel, 1988: 245. Type, OXF.
- croceiventris** (Wiedemann), 1821: 234 (*Laphria*). Type-locality: “Brazil”. Distr. – Brazil (Amazonas, Pará, Amapá, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1828: 503 (*Laphria*); Loew, 1851: 20; Walker, 1855: 537 (*Laphria*); Schiner, 1866: 691; Williston, 1891: 79 (cat.); Kertész, 1909: 172 (cat.); Hermann, 1912: 237; Bromley, 1946: 110 (cat.), 1951: 21 (list); Carrera, 1958b: 217, figs. 2-3, 1960a: 157; Carrera & Vulcano, 1961: 70 (preys); Hull, 1962 (1): 359; Martin & Papavero, 1970: 45 (cat.); Artigas, Papavero & Pimentel, 1988: 245. Syntypes, BZM [no. 418; cf. Schumann, 1973: 100].
- erythrura** Hermann, 1912: 238. Type-locality: “Paraguay”. Distr. – Paraguay. Refs. – Bromley, 1951: 21 (list); Carrera, 1958b: 218; Hull, 1962 (1): 359; Martin & Papavero, 1970: 45 (cat.); Artigas, Papavero & Pimentel, 1988: 245. Syntypes, ZSBS.
- fascipennis** (Macquart), 1834: 284 (*Laphria*). Type-locality: “Cayenne”. Distr. – French Guiana, Brazil (Pará, Mato Grosso). Refs. – Walker, 1855: 536 (*Laphria*); Williston, 1891: 79 (cat.); Aldrich, 1905: 271 (cat.); Kertész, 1909: 271 (cat.); Hermann, 1912: 237; Bromley, 1934b: 337, 1951: 21, fig. 1 (list); Carrera, 1958b: 216, fig. 4, 1960a: 157; Hull, 1962 (1): 359; Martin & Papavero, 1970: 45 (cat.); Lamas M., 1972: 309 (cat.). Type, lost.
- praepotens* Macquart, 1846: 202 (1846: 74), pl. 7, fig. 17 (*Laphria*). Type-locality: French Guiana, Cayenne. Refs. – Walker, 1855: 535 (*Laphria*); Schiner, 1868: 172; Hermann, 1912: 237. Type, lost.
- haemorrhoea** (Wiedemann), 1830: 645 (*Laphria*). Type-locality: Brazil, Bahia [Gomez; cf. Papavero, 1971e: 48]. Distr. –

Panama, French Guiana, Peru, Brazil (Amazonas, Bahia, Espírito Santo, Rio de Janeiro), Bolivia. Refs. – Walker, 1855: 536 (*Laphria*); Schiner, 1866: 694; Williston, 1891: 79 (cat.); Kertész, 1909: 79 (cat.); Hermann, 1912: 237; Bromley, 1934b: 337, 1946a: 110 (cat.), 1951: 21 (list); Carrera, 1958b: 214, fig. 1; Hull, 1962 (1): 359, figs. 768, 1261, 1270, 2080, 2082, 2129, 2175; Carrera & Machado-Allison, 1963: 241; Martin & Papavero, 1970: 45 (cat.); Lamas M., 1972: 309 (cat.); Fisher, 1984: 30 (“A spectacular mimic of orchid bees of the *Eulaema meriana* group”). Type, BZM [no. 417; cf. Schumann, 1973: 116].

rufa (Bromley), 1931a: 132 (*Andrenosoma*). Type-locality: “Santo Domingo”. Distr. – Dominican Republic (Azua, La Altagracia, Pedernales, Santo Domingo), Haiti. Refs. – Martin & Papavero, 1970: 43 (cat.; *Andrenosoma*); Scarbrough & Perez-Gelabert, 2006: 20. Type, BMNH.

Genus *Pilica* Curran, 1931

Pilica Curran, 1931b: 20. Type-species, *Laphria formidolosa* Walker, 1860 (orig. des.).

Ref. – Artigas, Papavero & Pimentel, 1988: 247 (key to South American species).

acunai (Bromley), 1929a: 286, pl. 1, fig. 7 (*Andrenosoma*). Type-locality: Cuba, Camaguey. Distr. – Cuba. Ref. – Hull, 1962 (1): 350 (*Andrenosoma*); Martin & Papavero, 1970: 44 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 456 (cat.). Type, (remains) USNM.

cyrtophora (Hermann), 1912: 255, fig. 84 (*Nusa*). Type-locality: Brazil, Minas Gerais. Distr. – Brazil (Minas Gerais). Refs. – Bromley, 1946: 110 (cat.; *Andrenosoma*); Hull, 1962 (1): 353; Martin & Papavero, 1970: 44 (cat.).

erax (Bromley), 1934b: 345 (*Andrenosoma*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica. Distr. – Guyana. Refs. – Hull, 1962 (1): 353; Martin & Papavero, 1970: 44 (cat.). Type, AMNH (only allotype, a teneral specimen).

erythrogaster (Wiedemann), 1828: 523 (*Laphria*). Type-locality: “Brazil” [Freireiss, cf. Papavero, 1971e: 57-58]. Distr. – Peru (Cuzco), Brazil (Rondônia, Amazonas, Pará, Amapá, Maranhão, Pernambuco, Espírito Santo, Rio de Janeiro). Refs. – Walker, 1855: 538 (*Laphria*); Schiner, 1866: 692 (*Andrenosoma*), 1867: 382 (*Andrenosoma*); Williston, 1891: 81 (cat.; *Andrenosoma*); Brauer & Bischof, 1903: 244 (*Andrenosoma*); Kertész, 1909: 199 (cat.; *Nusa*); Bromley, 1946: 110 (cat.; *Andrenosoma*); Carrera, 1960a: 156 (*Andrenosoma (Pilica)*); Hull, 1962 (1): 353; Carrera & Machado-Allison, 1963: 240 (*Andrenosoma (Pilica)*); Martin & Papavero, 1970: 44 (cat.); Lamas M., 1972: 309 (cat.); Fisher, 1984: 30; Artigas, Papavero & Pimentel, 1988: 248. Syntypes, BZM [cf. Schumann, 1973: 107], SENCK [cf. Geller-Grimm, 1999: 208].

contusa Wiedemann, 1828: 587 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 537 (*Laphria*); Schiner, 1866: 693 (*Laphria*); Williston, 1891: 79 (*Laphria*); Kertész, 1909: 180 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*); Artigas, Papavero & Pimentel, 1988: 248 (syn.). Type, SENCK [cf. Geller-Grimm, 1999: 207].

clausicella Macquart, 1850: 378 (1850: 74), pl. 7, fig. 6 (*Laphria*). Type-locality: “Guyana”. Refs. – Williston, 1891: 81 (cat.; *Andrenosoma*); Hermann, 1912: 254 (*Nusa*); Bromley, 1934b: 342 (*Andrenosoma*); Hull, 1962 (1): 353. Type, OXF.

laticornis Walker, 1855: 535 (*Laphria*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Williston, 1891: 79 (*Laphria*), 81 (*Andrenosoma*); Kertész, 1909: 200 (cat.; *Nusa*); Hermann, 1912: 254 (*Nusa*; as syn. of *clausicella* Macquart, 1850); Bromley, 1946: 110 (cat.; *Andrenosoma*); Hull, 1962 (1): 350 (*Andrenosoma*). Type, BMNH.

formidolosa (Walker), 1860: 280 (*Laphria*). Type-locality: “Mexico”. Distr. – Mexico (Veracruz), Guatemala, Nicaragua, Panama. Refs. – Bellardi, 1861: 16, pl. 1, fig. 18 (*Laphria*); Osten Sacken, 1887: 188 (*Andrenosoma*); Aldrich, 1905: 270 (cat.; *Nusa*); Kertész, 1909: 199 (cat.; *Nusa*); Hermann, 1912: 250, fig. 82 (*Nusa*); Hull, 1962 (1): 353, figs. 239, 638, 1240, 1249, 2076, 2085; Martin & Papavero, 1970: 44 (cat.); Fisher, 1983: 755, 1991: 769; Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.). Type, BMNH.

funebri Artigas, Papavero & Pimentel, 1988: 249. Type-locality: Brazil, São Paulo, Onda Verde (Fazenda São João). Distr. – Brazil (Amazonas, Pará, Mato Grosso, Mato Grosso do Sul, Pernambuco, Minas Gerais, São Paulo, Santa Catarina). Type, MZUSP.

lupus (Bromley), 1931a: 130 (*Andrenosoma*). Type-locality: Brazil, Amazonas, Tefé (as Ega). Distr. – Brazil (Amazonas, Pará). Refs. – Bromley, 1946: 110 (cat.); Carrera, 1960a: 156 (*Andrenosoma*); Martin & Papavero, 1970: 43 (cat.; *Andrenosoma*); Artigas, Papavero & Pimentel, 1988: 249. Type, BMNH.

olbus (Walker), 1849: 375 (*Laphria*). Type-locality: “Honduras”. Distr. – Honduras, Guatemala, Costa Rica, Venezuela, Peru. Refs. – Hermann, 1912: 258 (*Nusa*); Enderlein, 1914a: 252 (*Laphria*); Bromley, 1946: 110 (cat.; *Andrenosoma*); Hull, 1962 (1): 353; Carrera & Machado-Allison, 1963: 240 (*Andrenosoma (Pilica)*); Martin & Papavero, 1970: 44 (cat.); Lamas M., 1972: 309 (cat.). Type, BMNH.

minos Bromley, 1931a: 130 (*Andrenosoma*). Type-locality: Brazil, “Amazon river”. Distr. – Venezuela, Guyana, Ecuador, Brazil (Amazonas). Ref. – Bromley, 1946: 110 (cat.; *Andrenosoma*). Type, BMNH.

cyaniventris Bromley, 1934b: 344, fig. 23 (*Andrenosoma*). Type-locality: Guyana, Tukeit. Refs. – Hull, 1962 (1): 353; Artigas, Papavero & Pimentel, 1988: 249 (syn.). Type, AMNH.

- phoenicogaster** (Hermann), 1912: 248 (*Nusa*, as *phoenicogaster*). Type-locality: Bolivia, Mapiri, Sarampiuni, 700 m; San Ernesto; San Carlos, 800 m; and “Bolivia”. Distr. – Peru, Bolivia, Brazil (Amazonas, Pará). Refs. – Hull, 1962 (1): 353; Martin & Papavero, 1970: 44 (cat.); Lamas M., 1972: 309 (cat.); Fisher, 1984: 30 (*Andrenosoma*); Artigas, Papavero & Pimentel, 1988: 249. Syntypes, MUN, BMNH, AMNH, NMW, TP SMTD [cf. Kallweit, 1992: 197].
- pyrrhopyga** (Wiedemann), 1828: 515 (*Laphria*). Type-locality: “Brazil: [Freireiss; cf. Papavero, 1971e:57-58]. Distr. – Venezuela, Guyana, Peru (Huánuco, Lima), Brazil (Amazonas, Pará, Amapá, Mato Grosso, Rio de Janeiro, São Paulo, Paraná), Paraguay. Refs. – Walker, 1855: 535 (*Laphria*); Schiner, 1866: 692 (*Andrenosoma*); Williston, 1891: 81 (cat.; *Andrenosoma*); Kertész, 1909: 200 (cat.; *Nusa*); Hermann, 1912: 254, fig. 83 (*Nusa*); Bromley, 1946: 111 (cat.; *Andrenosoma*); Carrera, 1947d: 270 (prey); Carrera, 1960a: 156 (*Andrenosoma* (*Piica*)); Hull, 1962 (1): 353; Martin & Papavero, 1970: 44 (cat.); Lamas M., 1972: 309 (cat.); Artigas, Papavero & Pimentel, 1988: 250. Type, SENCK [cf. Geller-Grimm, 1999: 213].
- punctata* Bromley, 1934b: 394 (*Andrenosoma*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Carrera, 1960a: 156 (*Andrenosoma* (*Pilica*)); Martin & Papavero, 1970: 44 (cat.); Lamas M., 1972: 309 (cat.); Artigas, Papavero & Pimentel, 1988: 250 (syn.). Type, AMNH.
- rubidapex** (Hermann), 1912: 247 (*Nusa*). Type-locality: “Venezuela”. Distr. – Venezuela, Guyana, Brazil Amapá). Refs. – Hull, 1962 (1): 353; Martin & Papavero, 1970: 44 (cat.); Artigas, Papavero & Pimentel, 1988: 251. Type, MUN.
- elegans* Bromley, 1934b: 343 (*Andrenosoma*). Type-locality: Guyana, Kamakusa. Ref. – Hull, 1962 (1): 353.
- rufipennis** (Wiedemann), 1828: 522 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Venezuela, Guyana, Surinam, Brazil (Amazonas, Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Macquart, 1846: 73, 1848: 24 (*Laphria*); Walker, 1855: 536 (*Laphria*); Schiner, 1866: 692 (*Laphria*), 1867: 380 (*Laphria*); Williston, 1891: 80 (cat.; *Laphria*); Hermann, 1912: 248 (*Nusa*); Bromley, 1934b: 342 (*Andrenosoma*); Carrera, 1960a: 156 (*Andrenosoma* (*Pilica*)); Hull, 1962 (1): 353; Carrera & Machado-Allison, 1963: 240 (*Andrenosoma* (*Pilica*)); Martin & Papavero, 1970: 44 (cat.); Artigas, Papavero & Pimentel, 1988: 251. Lectotype SENCK [des. by Artigas, Papavero & Pimentel, 1988: 247]; Paralectotype BZM [cf. Schumann, 1973: 140].
- flamipennis* Bromley, 1931a: 133 (*Andrenosoma*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica. Ref. – Bromley, 1946: 110 (cat.; *Andrenosoma*). Type, ANSP.
- †**sp.** Poinar Jr., 1992: 178. Mexico (Oligocene/Miocene).
- sp.** Scarbrough & Perez-Gelabert, 2006: 21 (Dominican Republic: Azua, La Altagracia).
- zanutoi** Artigas, Papavero & Pimentel, 1988: 251. Type-locality: Brazil, Mato Grosso, Barra dos Bugres (Reserva Ecológica de Serra das Araras). Distr. – Brazil (Mato Grosso, São Paulo). Type, MPEG.

Genus *Pogonosoma* Rondani, 1865

Pogonosoma Rondani, 1865: 160. Type-species, *Asilus maroccanus* Fabricius, 1794 (orig. des.).

arachnoides Bigot, 1878: 227. Type-locality: “Mexico”. Distr. – Mexico. Refs. – Williston, 1883: 33; Osten Sacken, 1887: 186 (*Laphria*); Aldrich, 1905: 269 (cat.); Kertész, 1909: 175 (cat.); Hull, 1962 (1): 351; Martin & Papavero, 1970: 44 (cat.); Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.

Tribe *Atomosiini* Lynch Arribálzaga, 1882

Atomosiaria Lynch Arribálzaga, 1882: 144. Type-genus, *Atomosia* Macquart, 1838. Ref. – Dikow, 2003: 465.
 Erecmoneminae Hermann, 1912: 21, part.
 Atomosinae Hermann, 1912: 21.
 Atomosiinae G. H. Hardy, 1928: 472.
 Atomasiinae Engel, 1929: 161.

Genus *Aphestia* Schiner, 1866

Aphestia Schiner, 1866: 663 (key), 673. Type-species, *Aphestia brasiliensis* Schiner, 1866 (orig. des.) = *Aphestia annulipes* (Macquart, 1838).

annulipes (Macquart), 1838: 74 (1839: 190) (*Atomosia*). Type-locality: “Brazil”. Distr. – Brazil (Rondônia, Mato Grosso, Goiás, Minas Gerais, Rio de Janeiro, São Paulo, Paraná, Santa Catarina). Refs. – Walker, 1855: 569 (*Atomosia*); Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 163 (cat.; *Atomosia*); Hermann, 1912: 122; Bromley, 1946: 108

- (cat.; *Atomosia*); Carrera & d'Andretta, 1952: 256 (preys); Hull, 1962 (1): 383, figs. 292, 648, 1195, 1204; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 57, figs. 18-24.
- affinis* Macquart, 1850: 379 (1850: 75) (*Atomosia*). Type-locality: "Brazil". Refs. – Williston, 1891: 77 (cat.); Kertész, 1909: 163 (cat.); Bromley, 1946: 108 (cat.; *Atomosia*); Hull, 1962 (1): 373 (*Atomosia*); Martin & Papavero, 1970: 46 (cat.; *Atomosia*); Artigas, Papavero, & Serra, 1991: 57 (syn.).
- brasiliensis* Schiner, 1866: 378. Type-locality: "Brazil". Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 167 (cat.); Hermann, 1912: 122 (syn.); Bromley, 1946: 110 (cat.). Type, NMW.
- calceata* Schiner, 1867: 379. Type-locality: "Brazil". Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 167 (cat.); Hermann, 1912: 123; Bromley, 1946: 110 (cat.); Hull, 1962 (1): 383; Martin & Papavero, 1970: 50 (cat.). Type, NMW.
- calcarata* Williston, 1901: 317, error.
- nigra** Bigot, 1878: 235. Type-locality: "Mexico". Distr. – Mexico, Guyana. Refs. – Williston, 1883: 33; Osten Sacken, 1887: 185 (*Atomosia*); Aldrich, 1905: 268 (cat.); Kertész, 1909: 164 (cat.; *Atomosia*); Hermann, 1912: 123; Hull, 1962 (1): 383; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 57; Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol).
- mexicana* Williston, 1901: 317, pl. 6, fig. 2. Type-locality: Mexico, Guerrero, Amula and Veracruz, Atoyac. Refs. – Aldrich, 1905: 268 (cat.); Kertész, 1909: 167 (cat.); Hull, 1962 (1): 383; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 58 (syn.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- andrenoides* Bromley, 1934b: 339 (*Atomosia*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Refs. – Curran, 1935: 5 (in key); Hull, 1962 (1): 373 (*Atomosia*); Martin & Papavero, 1970: 46 (cat.; *Atomosia*); Artigas, Papavero & Serra, 1991: 58 (syn.). Type, AMNH.

Genus *Aphractia* Artigas, Papavero & Serra, 1991

- Aphractia*** Artigas, Papavero & Serra, 1991: 58. Type-species, *Atractia longicornis* Hermann, 1912 (orig. des.).
- longicornis** (Hermann), 1912: 190, fig. 74 (*Atractia*). Type-locality: Brazil, Bahia. Distr. – Brazil (Bahia). Refs. – Bromley, 1946: 108 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 58 (n. comb.). Type, NMW.
- rubida** (Hermann), 1912: 179 (*Atractia*). Type-locality: Brazil, Rio Grande do Sul. Distr. – Brazil (Rio Grande do Sul). Refs. – Bromley, 1946: 110 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 58 (n. comb.). Type, NMW.
- vivax** (Hermann), 1912: 177, fig. 67 (*Atractia*). Type-locality: Peru, Cuzco, Umuhuankiali, Ururubamba river, 500 m and "Peru". Distr. – Peru (*Cuzco*). Refs. – Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Lamas M., 1972: 310 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 58 (n. comb.). Syntypes, ZSBS, SMTD [cf. Kallweit, 1992: 198].

Genus *Atomosia* Macquart, 1838

- Atomosia*** Macquart, 1838: 73 (1839: 189). Type-species, *Atomosia incisuralis* Macquart, 1838 (sub. des., Coquillett, 1010: 512) = *puella* (Wiedemann, 1828).
- Paratractia* Hull, 1962 (1): 384. Type-species, *Laphria dasypus* Wiedemann, 1828 (orig. des.).
- anacaona** Scarbrough & Perez-Gelabert, 2006: 22 (in key and text), figs. 3-7. Type-locality: Dominican Republic, Santiago, Road-243 Babosico, on way to Jánico. Distr. – Dominican Republic (Santiago). Type, USNM.
- anonyma** Williston, 1901: 316. Type-locality: Mexico, Guerrero, Chilpancingo. Refs. – Aldrich, 1905: 268 (cat.); Curran, 1930b: 16 (in key), 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, AMNH, BMNH.
- argyrophora** Schiner, 1868: 169. Type-locality: "Brazil". Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 163 (cat.); Hermann, 1912: 163, fig. 61; Curran, 1930b: 15 (in key), 1935: 5 (in key); Bromley, 1946: 109 (cat.); Carrera & d'Andretta, 1952: 254 (preys), 1961: 70 (preys); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, NMW.
- armata** Hermann, 1912: 152, fig. 58. Type-locality: "Brazil". Distr. – Brazil, Paraguay. Refs. – Curran, 1930b: 15 (in key), 1935: 5 (in key); Bromley, 1946: 109 (cat.); Carrera, 1947a: 44; Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58, figs. 87-88 (cat.). " ". Syntypes, MUN, MIL.
- barbiellini** Curran, 1935: 5 (in key), 7. Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 109 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, AMNH.

- beckeri** Jaenicke, 1867: 359. Type-locality: "Mexico". Refs. – ?Lynch Arribáizaga, 1880: 52, 1883a: 144 (cat.); Williston, 1891: 78 (cat.); Aldrich, 1905: 268 (cat.); Kertész, 1909: 163 (cat.); Hermann, 1912: 156; Curran, 1930b: 16 (in key), 1935: 6 (in key); Hull, 1962 (1): 373; Martin, 1965a: 25; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.); Papavero & Ibáñez Bernal, 2001: 114 (hist. Mexican dipterol). Type, MUN.
- bequaerti** Bromley, 1934b: 339. Type-locality: Brazil, Pará, Santarém. Refs. – Curran, 1935: 6 (in key); Bromley, 1946:a 109 (cat.); Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.).
- bigoti** Bellardi, 1861: 120 (20). Type-locality: "Mexico". Refs. – Aldrich, 1905: 268 (cat.); Kertész, 1909: 163 (cat.); Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, OXF. Type, TORO.
- ?brevicornis** Macquart, 1838: 76 (1839: 192) (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 568 (n. comb.); Williston, 1891: 78 (cat.); Kertész, 1909: 163 (cat.); Bromley, 1946: 109 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.). Type, lost.
- cerverai** Bromley, 1929a: 282, fig. 6. Type-locality: Cuba, Soledad. Refs. – Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, USNM.
- ciguaya** Scarbrough & Perez-Gelabert, 2006: 24 (in key), 25, figs. 8-12, 119. Type-locality: Dominican Republic, San Juan, road-232, road San Juan/Vallejuelo, near river. Distr. – Dominican Republic (Azua, Barahona, Elías Piña, Independencia, Montecristi, Pedernales, Peravia, Sánchez Ramírez, San Juan). Type, USNM.
- coxalis** Curran, 1930b: 16 (in key), 18. Type-locality: Brazil, Mato Grosso do Sul, Corumbá. Refs. – Curran, 1935: 7 (in key); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, AMNH.
- cyanescens** Rondani, 1848: 92. Type-locality: "Brazil" [i. e., Pará, Belém; cf. Papavero, 1973d: 342-343]. Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 163 (cat.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). TYPE MZUN.
- danforthi** Curran, 1935: 6 (in key), 8. Type-locality: Puerto Rico, Coamo Springs. Refs. – Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, AMNH.
- dasypus** (Wiedemann), 1828: 527 (misprinted as 257) (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 568; Schiner, 1866: 693 (?*Atomosia*, ?*Atractia*); Williston, 1891: 79 (cat.; ?*Atomosia*, ?*Atractia*); Kertész, 1909: 166 (?*Atractia*); Bromley, 1946: 108 (cat.; *Atractia*); Hull, 1962: 386, text-fig. 27, figs. 228, 281, 639, 1280, 1289 (*Paratractia*); Martin & Papavero, 1970: 50 (cat.; *Paratractia*); Artigas, Papavero & Serra, 1991: 58 (cat.; n. comb.); Castillo, Jerez & Artigas, 1994: (*Paratractia*; egg chorion). Type, BZM [no. 2278; cf. Schumann, 1973: 101].
- fredericoi** Carrera, 1952a: 209. Type-locality: Brazil, São Paulo, São Paulo (Ipiranga). Refs. – Carrera & d'Andretta, 1952: 255 (preys); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, MZUSP.
- frontalis** Curran, 1930b: 16 (in key), 17. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Curran, 1935: 6 (in key); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, AMNH.
- geniculata** (Wiedemann), 1821: 241 (*Laphria*). Type-locality: "Brazil". Refs. – Wiedemann, 1828: 528 (*Laphria*); Walker, 1855: 568; Schiner, 1866: 693, 1868: 169; Wulp, 1882b: 105; Williston, 1891: 78 (cat.); Kertész, 1909: 164 (cat.); Hermann, 1912: 142, fig. 52; Curran, 1930b: 16 (in key); Engel, 1930: 467; Curran, 1935: 6 (in key); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, ?NMW.
- hondurana** James, 1953: 53. Type-locality: Honduras, Zamorano (Escuela Agrícola Panamericana). Refs. – Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, MICH.
- jagua** Scarbrough & Perez-Gelabert, 2006: 22 (in key), 28, figs. 13-17. Type-locality: Dominican Republic, Independencia, Road-272, caseta 1, Parque Nacional Sierra de Bahoruco. Distr. – Dominican Republic (). Independencia, Pedernales, Peravia). Type, USNM.
- jimagua** Scarbrough & Perez-Gelabert, 2006: 22 (in key), 31, figs. 18-22. Type-locality: Dominican Republic, Pedernales, Parque Nacional Jaragua, trail to Carlitos, ca. 6 km south of highway 44, 106 m. Distr. – Dominican Republic (Pedernales). Type, USNM.
- limbiventris** Thomson, 1869: 466. Type-locality: Uruguay, Montevideo. Refs. – Lynch Arribáizaga, 1883a: 144 (cat.); Williston, 1891: 78 (cat.); Kertész, 1909: 164 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, STOCKHOLM.
- limbativentris* Lynch Arribáizaga, 1880: 50, emend.
- lineata** Curran, 1930b: 16 (in key), 19. Type-locality: Brazil, Mato Grosso do Sul, Corumbá. Refs. – Curran, 1935: 7 (in key); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, AMNH.
- macquarti** Bellardi, 1861: 120 (20). Type-locality: "Mexico". Distr. – Mexico (Gerrero, Tabasco, Tamaulipas, Veracruz, Yucatán), Costa Rica Refs. – Williston, 1901: 316; Aldrich, 1905: 269 (cat.); Kertész, 1909: 164 (cat.); Hermann, 1912: 163; Curran, 1930b: 16 (in key), 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 46 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.); Coronado Blanco & Ruiz Cancino, 1999: 81 (as predator of *Unaspis citri* (Comstock, 1883) (Hemiptera, Homoptera, Diaspididae)); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- maestrae** Bromley, 1929a: 282, fig. 7. Type-locality: Cuba, Sierra Maestra. Refs. – Curran, 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.); Artigas, Papavero & Serra, 1991:

- 59 (cat.). Type, USNM.
- melanopogon** Hermann, 1912: 144, fig. 53. Type-locality: U. S. A., Texas. Distr. – U. S. A. (Arizona, Colorado, Iowa, Texas), Mexico, Honduras. Refs. – Curran, 1930b: 15, 16 (in key), 17, 1935: 5, 6 (in key); Hull, 1962 (1): 373; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, ?NMW.
- metallescens** Hermann, 1912: 150, fig. 57. Type-locality: Argentina, Mendoza. Refs. – Curran, 1930b: 15 (in key), 1935: 5 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Syntypes, MUN, NMW.
- metallica** Bromley, 1929a: 283. Type-locality: Cuba, Sierra Maestra, Palma Mocha. Refs. – Curran, 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, USNM.
- mucida** Osten Sacken, 1887: 184. Type-locality: Mexico, Sinaloa, Presidio. Refs. – Williston, 1901: 315; Aldrich, 1905: 269 (cat.); Kertész, 1909: 164 (cat.); Curran, 1930b: 16 (in key), 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- nigroaenea** Walker, 1851: 154. Type-locality: Colombia, Bogotá (in label of type). Refs. – Walker, 1855: 569; Williston, 1891: 78 (cat.); Kertész, 1909: 164 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, BMNH.
- nuda** Hermann, 1912: 147, fig. 55. Type-locality: Trinidad, Belmont (in label of type). Refs. – Curran, 1930b: 15 (in key), 1935: 5 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, MUN.
- panamensis** Curran, 1930: 16 (in key), 17. Type-locality: Panama, Canal Zone, Barro Colorado I. Refs. – Curran, 1935: 6 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, AMNH.
- parva** (Bigot), 1857a: 330, pl. 20, figs. 2, 2a (*Dasyypogon*; preocc. Rondani, 1850). Type-locality: “Cuba”. Refs. – Aldrich, 1905: 267 (cat.; *Dasyypogon*); Kertész, 1909: 130 (cat.; *Dasyypogon*); Bromley, 1929a: 281, pl. 1, fig. 8 (n. comb.); Curran, 1935: 5 (in key); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.). Type, MNNHP (almost entirely destroyed, only right pleura and one wing and tergites remain).
- pilipes** Thomson, 1869: 465. Type-locality: Argentina, Buenos Aires. Refs. – Wulp, 1882b: 105; Lynch Arribálzaga, 1883a: 144 (cat.); Kertész, 1909: 165 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, STOCHOLM.
- pilosipes* Lynch Arribálzaga, 1880: 52, error.
- pubescens** Bromley, 1929a: 281, pl. 1, fig. 3. Type-locality: Cuba, Soledad. Type, Refs. – Curran, 1935: 5 (in key); Hull, 1962 (1): 373, fig. 229; Martin & Papavero, 1970: 47 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). MCZ.
- puella** (Wiedemann), 1828: 531 (*Laphria*). Type-locality: unknown. Refs. – Rondani, 1848: 91; Walker, 1855: 570; Schiner, 1866: 693; Williston, 1883: pl. 2, fig. 8; Osten Sacken, 1891: 418; Johnson, 1903: 114; Aldrich, 1905: 269 (cat.); Kertész, 1909: 165 (cat.); Hermann, 1912: 141, figs. 51a, 51b; Curran, 1930b: 16 (in key), 1935: 6 (in key); Fattig, 1945: 18; Bromley, 1950: 233; Hull, 1962 (1): 373, figs. 223, 637, 1309, 1318, 2110, 2121-2123, 2153, 2156; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 47 (cat.); Scarbrough & Sraver, 1979: 630 (predatory behavior and prey); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.); Artigas, Papavero & Serra, 1991: 59, figs. 75-81 (cat.). Type, NMW.
- incisuralis* Macquart, 1838: 76 (1839: 192), pl. 7, fig. 1. Type-locality: “Cuba”. Refs. – Walker, 1855: 567; Bigot, 1857a: 330; Aldrich, 1905: 268 (cat.); Kertész, 1909: 164 (cat.); Bromley, 1929a: 280; Curran, 1935: 6 (in key); Hull, 1962 (1): 373. Type, MNHNP.
- rica** Curran, 1935: 6 (in key), 9. Type-locality: Puerto Rico, Mayaguez. Refs. – Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, AMNH.
- rosalesi** Carrera & Machado-Allison, 1963: 242, fig. 1. Type-locality: Venezuela, Carabobo, Maruiara. Ditr. – Venezuela (Aragua, Bolívar, Carabobo, Lara, Mérida, Portuguesa). Refs. – Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, FAUCV.
- rufipes** Macquart, 1847: 55 (1847: 39). Type-locality: U. S. A., Pennsylvania. Distr. – U. S. A (Pennsylvania, Georgia, Florida, Texas), Mexico. Refs. – Hermann, 1912: 157, fig. 60; Curran, 1930b: 16 (in key); Bromley, 1934c: 163; Curran, 1935: 7 (in key); Fattig, 1945: 18; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, MNHNP.
- eupoda* Bigot, 1878: 234 (*Cormansis*). Type-locality: “Mexico”. Refs. – Williston, 1883: 33 (*Cormansis*); Osten Sacken, 1887: 185; Aldrich, 1905: 268 (cat.); Kertész, 1909: 163 (cat.); Hermann, 1912: 161 (as *rufipes* var.); Curran, 1930b: 16 (in key), 1935: 7 (in key); Hull, 1962 (1): 373; Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- soror* Bigot, 1878: 236. Type-locality: “Mexico”. Refs. – Williston, 1883: 33; Johnson, 1903: 114; Aldrich, 1905: 269 (cat.); Kertész, 1909: 166 (cat.); Hermann, 1912: 161 (as *rufipes* var.); Curran, 1930b: 16 (in key), 1935: 6 (in key); Hull, 1962 (1): 373; Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- punctifera* Hermann, 1912: 161 (as *rufipes* var.). Type-locality: “Mexico”. Refs. – Curran, 1930b: 16 (in key), 1935: 6 (in key). Type, MUN.
- ?scoriacea** (Wiedemann), 1828: 529 (*Laphria*). Type-locality: “Mexico”. Refs. – Walker, 1855: 569; Schiner, 1866: 693; Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 165 (cat.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, SENCK [cf. Geller-Grimm, 1999: 214].

- selene** Curran, 1935: 5 (in key), 7. Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 47 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, AMNH.
- setosa** Hermann, 1912: 145, fig. 54. Type-locality: “Brazil”. Refs. – Curran, 1930b: 16 (in key), 1935: 6 (in key); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Syntypes, MIL, MUN.
- similis** Bigot, 1857a: 330, pl. 20, figs. 4, 4a. Type-locality: “Cuba”. Refs. – Aldrich, 1905: 165 (cat.); Kertész, 1909: 165 (cat.); Hermann, 1912: 149, fig. 56; Bromley, 1929a: 282, pl. 1, fig. 15 (n. comb.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 48 (cat.); Alayo Dalmau & Garcia Avila, 1983: 47 (cat.).
- sp.**, near **dasypus** (Wiedemann, 1828) Artigas, Papavero & Serra, 1991: 81, figs. 82-86.
- tenuis** Curran, 1930b: 16 (in key), 19. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Curran, 1935: 7 (in key); Bromley, 1946: 108 (cat.); Carrera, 1947d: 269 (preys); Carrera & d’Andretta, 1952: 254 (preys); Hull, 1962 (1): 373; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, AMNH.
- tibialis** Macquart, 1846: 204 (1846: 76). Type-locality: México, Yucatán, Mérida. Refs. – Walker, 1855: 567; Wulp, 1882b: 105; Williston, 1891: 78 (cat.); Aldrich, 1905: 269 (cat.); Kertész, 1909: 166 (cat.); Curran, 1930b: 15 (in key), 1935: 5 (in key); Bromley, 1934b: 339, 1946a: 108 (cat.); Carrera, 1947d: 269 (prey); Carrera & d’Andretta, 1952: 255 (preys), 1961: 71 (preys); Hull, 1962 (1): 373; Artigas, Papavero & Serra, 1991: 59 (cat.); Papavero & Ibáñez Bernal, 2001: 85 (hist. Mexican dipterol.). Type, lost.
- unicolor** Macquart, 1838: 74 (1839: 190), pl. 7, figs. 2-3. Type-locality: Brazil, Rio Grande do Sul. Refs. – Walker, 1855: 569; Williston, 1891: 78 (cat.); Kertész, 1909: 166 (cat.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, MNHNP.
- venustula** Lynch Arribálzaga, 1880: 50. Type-locality: Argentina, Buenos Aires, Las Conchas and Gran Chaco. Distr. – Paraguay, Argentina. Refs. – Wulp, 1882b: 106; Lynch Arribálzaga, 1883a: 144 (cat.); Williston, 1891: 78 (cat.); Kertész, 1909: 166 (cat.); Hermann, 1912: 162; Curran, 1930b: 15 (in key); Engel, 1930: 467; Curran, 1935: 5 (in key); Carrera, 1947a: 44; Carrera & d’Andretta, 1952: 255 (prey), 1961: 71 (preys); Hull, 1962 (1): 373; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.). Type, lost.
- xanthopus** (Wiedemann), 1828: 529 (*Laphria*). Type-locality: “Brazil”. Refs. – Walker, 1855: 539 (*Laphria*); Schiner, 1866: 693; Wulp, 1882b: 105; Williston, 1891: 78 (cat.); Kertész, 1909: 166 (cat.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 373; Martin, 1965a: 25; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 59 (cat.).
- yurabia** Scarbrough & Perez-Gelabert, 2006: 22 (in key), 33, figs. 23-27. Type-locality: Dominican Republic, San Juan, road-233, few km east of Vallejuelo, 704 m. Distr. – Dominican Republic (Pedernales, San Juan). Type, USNM.

Genus *Atomosiella* Wilcox, 1937

Atomosiella Wilcox, 1937: 40. Type-species, *Atomosia antennata* Banks, 1920 (orig. des.)

antennata (Banks), 1920: 66 (*Atomosia*). Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona, California, New Mexico), Mexico (Baja California). Refs. – Wilcox, 1937: 41, fig. 3 (n. comb.); Hull, 1962 (1): 399, figs. 220, 671, 1334, 1343; Martin & Wilcox, 1965: 387 (cat.); Artigas, Papavero & Serra, 1991: 58 (cat.). Type, ?MCZ.

Genus *Atoniomyia* Hermann, 1912

Atonia Williston, 1889: 257 (preocc. Gistel, 1848). Type-species, *Atomosia mikii* Williston, 1886 (sub. des., Williston, 1901: 316).

Atoniomyia Hermann, 1912: 81 (*nom. nov.* for *Atonia* Williston, 1889). Type-species, *Atomosia mikii* Williston, 1886 (aut.). Ref. – Artigas, Papavero & Serra, 1991: 78, figs. 66-72.

Neatonia Bromley, 1935a: 130, unavailable name (no type-species designated).

albiceps (Hermann), 1912: 85 (key; as *albifacies*, error), 97, fig. 38 (*Atonia*). Type-locality: Brazil, Mato Grosso. Refs. – Bromley, 1946: 108 (cat.); Carrera, 1946b: 120; Hull, 1962 (1): 415; Martin & Papavero, 1970: 54 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, BUD.

ancylocera (Schiner), 1868: 170 (*Atomosia*). Type-locality: “Venezuela”. Distr. – Venezuela, Brazil (São Paulo). Refs. – Williston, 1889: 257 (*Atomosia*), 1891: 78 (cat.; ?*Atonia*); Kertész, 1909: 167 (cat.; *Atonia*); Hermann, 1912: 88, figs. 31-32 (*Atonia*); Carrera, 1946b: 119, figs. 2, 13, 17; Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, NMW.

brevistylata (Williston), 1901: 316, pl. 6, fig. 1 (*Atonia*). Type-locality: Mexico, Tabasco, Teapa. Distr. – U. S. A. (Arizona), Mexico (Tabasco). Refs. – Aldrich, 1905: 268 (cat.; *Atonia*); Kertész, 1909: 167 (cat.; *Atonia*); Hermann, 1912: 84;

- Hull, 1962 (1): 415; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- fulvipes** Carrera, 1946b: 122, figs. 7, 10, 20. Type-locality: Brazil, Mato Grosso do Sul, Salobra. Refs. – Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, MZUSP.
- grossa** Carrera, 1946b: 125, figs. 9, 12, 19. Type-locality: Brazil, São Paulo, Severinia. Refs. – Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, MZUSP.
- hispidella** (Hermann), 1912: 95, fig. 37 (*Atonia*). Type-locality: Brazil, São Paulo. Refs. – Bromley, 1946: 108 (cat.); Carrera, 1946b: 120, figs. 8, 15, 18; Hull, 1962 (1): 415, figs. 276, 276a, 672, 1333, 1342, 2047; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, MIL, MUN.
- lateropunctata** (Hermann), 1912: 93, fig. 36 (*Atonia*). Type-locality: Peru, Huánuco, mouth of Pachitea river; Cuzco, Umuhankiali at Urubamba river and Pasco, Puerto Yessup; Bolivia, Mapiri, Sarampuni; Peru, Cuzco, Vilcanota. Distr. – Peru (Cuzco, Huánuco, Pasco), Bolivia. Refs. – Carrera & d'Andretta, 1950: 161 (misident.); Hull, 1962 (1): 415; Martin, 1965a: 25; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, NMW, MIL, BUD, BMNH, TP SMTD [cf. Kallweit, 1992: 196].
- lateropunctata* Carrera & Machado-Allison, 1963: 244, error.
- lateripunctata* Hull, 1962 (2): 617 (caption to fig. 276c), error.
- mikii** (Williston), 1886: 290 (*Atomosia*). Type-locality: Dominican Republic, Santo Domingo. Distr. – Dominican Republic (Azua, Barahona, Santo Domingo). Refs. – Williston, 1889: 257 (*Atonia*); Aldrich, 1905: 268 (cat. *Atonia*); Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.); Scarbrough & Perez-Gelabert, 2006: 36, figs. 28-32. Type, ?lost.
- mickii* Hermann, 1912: 83, error.
- mollis** (Hermann), 1912: 88, fig. 33 (*Atonia*). Type-locality: Peru, Pasco, Unini at Ucayali river, and Cuzco, Vilcanota. Distr. – Peru (Cuzco, Pasco). Refs. – Carrera, 1946b: 120, figs. 6, 14; Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311 (cat.); Fisher, 1984: 31; Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, BUD, MUN, SMTD [cf. Kallweit, 1992: 196].
- pinguis** (Hermann), 1912: 90, fig. 34 (*Atonia*). Type-locality: Peru, Huánuco, mouth of Pachitea river. Distr. – Peru (Huánuco). Refs. – Carrera & d'Andretta, 1950: 161, figs. 5, 22 (misident.); Hull, 1962 (1): 415; Martin, 1965a: 26; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 197].
- scalarata** (Hermann), 1912: 92, fig. 34 (*Atonia*). Type-locality: Peru, Cuzco, Rosalina at Urubamba river; Bolivia, Mapiri, Chimate. Distr. – Peru (Cuzco), Bolivia. Refs. – Hull, 1962 (1): 415, fig. 276c; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311 (cat.); Fisher, 1984: 31; Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, NMW, MUN, BMNH, SMTD [cf. Kallweit, 1992: 197].
- setigera** (Hermann), 1912: 86, pl. 3, figs. 24-25 (*Atonia*). Type-locality: “Brazil”. Refs. – Hull, 1962 (1): 415; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, NMW.
- sp.** Scarbrough & Perez-Gelabert, 2006: 38 (Dominican Republic: Barahona).
- viduata** (Wiedemann), 1819: 50 (*Laphria*). Type-locality: “Brazil”. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Type, NMW. Refs. – Wiedemann, 1821: 241 (*Laphria*), 1828: 528 (*Laphria*); Walker, 1855: 538 (*Laphria*); Schiner, 1866: 693 (*Atomosia*), 1868: 378 (*Atomosia*); Williston, 1891: 78 (cat., *Atomosia*); Kertész, 1909: 166 (cat., *Atomosia*); Hermann, 1912: 85, fig. 30 (*Atonia* (*Laphria*)); Bromley, 1946: 108 (cat.); Carrera, 1946b: 117, figs. 1, 11, 16; Hull, 1962 (1): 373 (*Atomosia*), 415 [*Atoniomyia*]; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.); Geller-Grimm, 1999: 215 (material in SENCK). Type, NMW.

Genus *Atractia* Macquart, 1838

- Atractia*** Wiedemann, 1838: 151 (1839: 267). Type-species, *Asilus psilogaster* Wiedemann, 1828 (mon.).
- psilogaster** (Wiedemann), 1828: 456 (*Laphria*). Type-locality: “Brazil”. Refs. – Macquart, 1838: 152; Walker, 1855: 754; Schiner, 1866: 685, 1868: 412; Williston, 1891: 89 (cat.); Kertész, 1909: 167 (cat.); Hermann, 1912: 174, fig. 65; Bromley, 1946: 108 (cat.); Hull, 1962 (1): 379; Martin & Papavero, 1970: 49 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Syntypes, NMW, BZM [no. 2272; cf. Schumann, 1973: 147].
- coronata* Schiner, 1867: 412. Type-locality: “Brazil”. Refs. – Williston, 1891: 89 (cat.); Kertész, 1909: 166 (cat.); Hermann, 1912: 174 (syn.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 379. Type, NMW.
- psylogaster* Carrera & Vulcano, 1961: 72 (preys), error.
- pulverulenta** Schiner, 1867: 412. Type-locality: “Brazil”. Refs. – Williston, 1891: 89 (cat.); Kertész, 1909: 167 (cat.); Hermann, 1912: 176, fig. 66; Bromley, 1946: 110 (cat.); Hull, 1962 (1): 379; Martin & Papavero, 1970: 49 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, NMW.

Genus **Bathropsis** Hermann, 1912

Bathropsis Hermann, 1912: 68. Type-species, *Bathropsis peruviana* Hermann, 1912 (orig. des.).

basalis Curran, 1930b: 6, fig. 1. Type-locality: Panama, Canal Zone, Barro Colorado I. Refs. – Hull, 1962 (1): 407; Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, AMNH.

delgadoi Kaletta, 1978: 56. Type-locality: Venezuela, Aragua, Hacienda El Periquito, Ocumare de la Costa. Ref. – Artigas, Papavero & Serra, 1991: 60 (cat.). Type, FAUCV.

peruviana Hermann, 1912: 69, fig. 23, pl. 2, figs. 13-14. Type-locality: Peru, Cuzco, Vilcanota. Distr. – Peru (Cuzco). Refs. – Hull, 1962 (1): 407, figs. 251, 665, 1294, 1303, 1349, 1358; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311; Artigas, Papavero & Serra, 1991: 60 (cat.). Type, MUN.

plazai Kaletta, 1986: 264. Type-locality: Venezuela, Aragua, Rancho rande, 1100 m. Distr. – Venezuela (Aragua). Type, IZAUCV.

Genus **Cerotainia** Schiner, 1866

Cerotainia Schiner, 1866: 662 (key), 673 (1868: 170, second erection of genus). Type-species, *Laphria xanthoptera* Wiedemann, 1828 (orig. des.).

Ceratotaenia Lynch Arribálzaga, 1880: 52, emend.

Cyphotomyia Williston, 1889: 257. Type-species, *Cyphotomyia lynchii* Williston, 1889 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 60 (syn.).

Protichisma Hermann, 1912: 35. Type-species, *Protichisma longimanus* Hermann, 1912 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 60 (syn.).

albibarbis (Curran), 1930b: 7 (*Protichisma*). Type-locality: Panama, Canal Zone, France Field. Ref. – Hull, 1962 (1): 392 (*Protichisma*); Martin & Papavero, 1970: 51 (cat.; *Protichisma*); Artigas, Papavero & Serra, 1991: 60 (cat.; n. comb.). Type, AMNH.

argyropasta Hermann, 1912: 61. Type-locality: Peru, Ucayali river. Peru (Loreto). Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, TP SMTD [cf. Kallweit, 1992: 194].

argyropus Schiner, 1868: 170. Type-locality: “Colombia” (in error; actually Venezuela in type label). Distr. – Venezuela, Peru. Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 51, fig. 15; Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Lamas M., 1972: 311 (cat.); Kaletta, 1986: 258; Artigas, Papavero & Serra, 1991: 60 (cat.). Type, NMW.

argyropyga Hermann, 1912: 52, fig. 16. Type-locality: “Peru”. Distr. – Peru. Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 60 (cat.). Type, MUN.

aurata Schiner, 1868: 171. Type-locality: “Colombia”. Ref. – Williston, 1891: 78 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 54, fig. 18; Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, NMW.

bella Schiner, 1867: 380. Type-locality: “Brazil” [probably from the state of Rio de Janeiro, as it was collected by Bescke; cf. Papavero, 1971e: 87]. Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 46; Curran, 1930b: 12 (in key); Bromley, 1946: 110 (cat.); Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, NMW.

bolivari Kaletta, 1986: 258. Type-locality: Venezuela, Carabobo, Borburata. Distr. – Venezuela (Carabobo). Type, IBTUCV.

brasiliensis Schiner, 1867: 379. Type-locality: “Brazil” (probably from the state of Rio de Janeiro, as it was collected by Bescke; cf. Papavero, 1971e: 87). Distr. – Brazil (Rio de Janeiro, São Paulo, Paraná, Santa Catarina). Refs. – Williston, 1891: 78 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 51; Curran, 1934a: 3 (in key); Bromley, 1946: 110 (cat.); Carrera, 1958a: 145; Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, NMW.

camposi Curran, 1934a: 3. Type-locality: Ecuador, Guayas, Posorja. Refs. – Hull, 1962 (1): 395; Martin & Papavero, 1970: 51 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, AMNH.

clavijoi Kaletta, 1986: 263. Type-locality: Venezuela, Aragua, Camatagua. Distr. – Venezuela (Aragua). Type, IZAUCV.

dasythrix Hermann, 1912: 48, fig. 13. Type-locality: Peru, Huánuco, mouth of Pachitea river; Bolivia, Mapiri, Sarampiuni, 700 m. Distr. – Venezuela (Aragua), Peru (Huánuco), Bolivia. Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Carrera & Machado-Allison, 1963: 244; Martin & Papavero, 1970: 51 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 194].

debilis Hermann, 1912: 48, fig. 21. Type-locality: Peru, Huánuco, mouth of Pachitea river, 150 m; Junín, Chanchamayo, 800 m; Bolivia, Sarampiuni; Peru, Cuzco, Vilcanota. Distr. – Venezuela (Cojedes), Peru (Cuzco, Huánuco, Junín), Bolivia. Refs. – Curran, 1930b: 12 (in key), 1934a: 3 (in key); Hull, 1962 (1): 395; Carrera & Machado-Allison, 1963: 245;

- Martin & Papavero, 1970: 52 (cat.); Lamas M., 1972: 311 (cat.); Fisher, 1984: 32; Artigas, Papavero & Serra, 1991: 61 (cat.). Syntypes, MUN, BUD, NMW, BMNH, SMTD [cf. Kallweit, 1992: 195].
- dubia** Bigot, 1878: 238. Type-locality: “Mexico”. Refs. – Williston, 1883: 33; Osten Sacken, 1887: 185 (*Atomosia*); Aldrich, 1905: 268 (cat.); Kertész, 1909: 168 (cat.); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.); Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- feminea** Curran, 1930b: 12 (in key), 14. Type-locality: Panama, Canal Zone, Corzal. Refs. – Curran, 1934a: 3 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, AMNH.
- flavipes** Hermann, 1912: 57, fig. 20. Type-locality: Peru, Junín, Chanchamayo, 800 m; Paraguay, Asunción. Distr. – Peru (Junín), Paraguay. Refs. – Curran, 1930b: 12 (in key), 1934a: 3 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Syntypes, MUN, BUD, SMTD [cf. Kallweit, 1992: 195].
- gerulewiczii** Kaletta, 1986: 161. Type-locality: Venezuela, Aragua, Rancho Grande, 1100 m. Distr. – Venezuela (Aragua). Type, IZAUCV.
- jamaicensis** Johnson, 1919: 430 (*as macrocera* var.). Type-locality: “Jamaica”. Refs. – Gowdey, 1926: 77 (*as macrocera* var.); Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Farr, 1965: 9, figs. 3, 4a; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, MCZ.
- laticeps* Bromley, 1929a: 279, pl. 1, fig. 2. Type-locality: Cuba, Zapata, Santo Tomás. Refs. – Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 47 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.; syn.). Type, USNM.
- jaimacensis* Hull, 1962 (1): 395, error.
- jolyi** Kaletta, 1986: 260. Type-locality: Venezuela, Miranda, La Tumusa, Valle del Tuy. Distr. – Venezuela (Miranda). Ref. – Rueda, 2004. Type, IZAUCV.
- leonina** Hermann, 1912: 49, fig. 14. Type-locality: Argentina, Mendoza. Distr. – Argentina (Córdoba, Mendoza, Tucumán). Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61, figs. 89-97 (cat.); Rueda, 1998: 170, figs. 1a-c. Type, MUN.
- longimana** (Hermann), 1912: 37, pl. 1, figs. 7-8 (*Protichisma*). Type-locality: Peru, Madre de Dios, Callanga. Distr. – Peru (Huánuco, Madre de Dios). Refs. – Hull, 1962 (1): 392, figs. 278, 649, 1293, 1302, 1346, 1355 (*Protichisma*); Martin & Papavero, 1970: 51 (cat.; *Protichisma*); Lamas M., 1972: 311 (cat.; *Protichisma*); Artigas, Papavero & Serra, 1991: 61 (cat.; n. comb.). Type, BUD.
- lynchii** (Williston), 1889: 158 (*Cyphotomyia*). Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Distr. – Peru (Cuzco), Bolivia, Brazil (Mato Grosso, São Paulo). Refs. – Williston, 1891: 79 (cat.; *Cyphotomyia*); Kertész, 1909: 169 (cat.; *Cyphotomyia*); Hermann, 1912: 68; Bromley, 1946: 110 (cat.; *Cyphotomyia*); Hull, 1962 (1): 397, figs. 267, 641, 1345, 1354, 2157 (*Cyphotomyia*); Martin & Papavero, 1970: 52 (cat.; *Cyphotomyia*); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 61, figs. 98-104 (cat.; n. comb.). Type, ?AMNH.
- marginata** Hermann, 1912: 62. Type-locality: Peru, Pasco, Unini, Ucayali river (as Pachitea river, error). Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Lamas M., 1972: 311 (cat.); Fisher, 1984: 32; Artigas, Papavero & Serra, 1991: 61 (cat.). Type, SMTD [cf. Kallweit, 1992: 196].
- melanosoma** Scarbrough & Knutson, 1989: 520, figs. 1-2. Type-locality: Dominica, Clarke Hall, near Layou River. Distr. – Dominica. Type, USNM.
- minima** Curran, 1930b: 11 (in key), 12. Type-locality: Panama, Canal Zone, Barro Coilorado I. Distr. – Panama, Venezuela. Refs. – Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Kaletta, 1986: 157; Artigas, Papavero & Serra, 1991: 61 (cat.). Type, AMNH.
- nigra** Bigot, 1878: 238. Type-locality: “Mexico”. Refs. – Williston, 1883: 33; Osten Sacken, 1887: 185 (*Atomosia*); Aldrich, 1905: 268 (cat.); Kertész, 1909: 168 (cat.); Curran, 1930b: 16 (in key; *Atomosia*), 1935: 6 (in key; *Atomosia*); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.); Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- nigripennis** (Bellardi), 1861: 119 (19) (*Atomosia*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 268 (cat.); Kertész, 1909: 168 (cat.); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.
- ornatipes** James, 1953: 54. Type-locality: Honduras, Zamorano. Distr. – Honduras, Venezuela. Refs. – Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Kaletta, 1986: 257; Artigas, Papavero & Serra, 1991: 61 (cat.). Type, WASH.
- propinqua** Schiner, 1868: 171. Type-locality: “Colombia” (in error; actually Venezuela in type’s label). Refs. – Williston, 1891: 78 (cat.); Hermann, 1912: 56, fig. 19; Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.). Type, NMW.
- porpinqua* Kertész, 1909: 168 (cat.), error.
- rhopalocera** (Lynch Arribálzaga), 1882: 189 (*Ceratoaenia*). Type-locality: Argentina, Buenos Aires, Chacabuco. Refs. – Williston, 1891: 79 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 54, fig. 17; Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, lost.
- sarae** Rueda, 1998: 172, figs. 2a-c. Type-locality: Argentina, Catamarca, El Rodeo. Distr. – Argentina (Catamarca). Type, IML.
- sola** Scarbrough & Perez-Gelabert, 2006: 39, figs. 33-36, 120. Type-locality: Dominican Republic, Pedernales, 25 km north of Cabo Rojo, 679 m. Distr. – Dominican Republic (Hato Mayor, Independencia, La Altagracia, Pedernales). Type, USNM.

- unicolor** Hermann, 1912: 64, fig. 22. Type-locality: “Peru”. Distr. – Peru. Refs. – Curran, 1930b: 12 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, MUN.
- violaceithorax** (Lynch Arribálzaga), 1880: 52 (*Ceratotaenia*). Type-locality: Argentina, Buenos Aires. Refs. – Lynch Arribálzaga, 1882: 145 (*Ceratotaenia*), 1883a: 145 (cat.; *Ceratotaenia*); Williston, 1891: 79 (cat.); Kertész, 1909: 168 (cat.); Hermann, 1912: 54; Curran, 1930b: 12 (in key); Bromley, 1946: 110 (cat.); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, lost.
- willistoni** Curran, 1930b: 12 (in key), 14. Type-locality: Brazil, Mato Grosso, Chapada dos Guimarães. Refs. – Curran, 1934a: 3 (in key); Bromley, 1946: 110 (cat.); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, AMNH.
- xanthoptera** (Wiedemann), 1828: 530 (*Laphria*). Type-locality: unknown (“America” on type label). Refs. – Walker, 1855: 562 (*Laphria*); Schiner, 1866: 693; Kertész, 1909: 168 (cat.); Hermann, 1912: 46; Curran, 1930b: 11 (in key); Hull, 1962 (1): 395; Martin & Papavero, 1970: 52 (cat.); Artigas, Papavero & Serra, 1991: 61 (cat.). Type, NMW.

Genus *Cyphomyiactia* Artigas, Papavero & Serra, 1991

- Cyphomyiactia** Artigas, Papavero & Serra, 1991: 61. Type-species, *Cyphomyiactia costai* Artigas, Papavero & Serra, 1991 (orig. des.).
- costai** Artigas, Papavero & Serra, 1991: 62. Type-locality: Brazil, Goiás, Goiânia (Campinas). Distr. – Brazil (Goiás). Type, MZUSP.

Genus *Dissmeryngodes* Hermann, 1912

- Dissmeryngodes** Hermann, 1912: 75. Type-species, *Laphria antica* Wiedemann, 1828 (orig. des.).
Centrolaphria Enderlein, 1914a: 241. Type-species, *Centrolaphria columbiana* Enderlein, 1914 (orig. des.) = *Dissmeryngodes nigripes* (Macquart, 1838). Ref. – Artigas, Papavero & Serra, 1991: 62 (syn.).
Catonomyia Hull, 1962 (1): 380. Type-species, *Catonomyia spiculata* Hull, 1962 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 62 (syn.).

Ref. – Artigas, Papavero & Serra, 1991: 62 (key to spp.).

- amapa** Artigas, Papavero & Serra, 1991: 63. Type-locality: Brazil, Amapá, Serra do Navio. Distr. – Brazil (Amapá). Type, MZUSP.
- anticus** (Wiedemann), 1828: 530 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Walker, 1855: 568 (*Atomosia*); Schiner, 1866: 693 (*Atomosia*); Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 163 (cat.; *Atomosia*); Hermann, 1912: 76 (*Dissmeryngodes (Laphria)*); Bromley, 1946: 108 (cat.; *Atomosia*); Carrera, 1958a: 145, 1960a: 150; Hull, 1962 (1): 416; Martin & Papavero, 1970: 54 (cat.); Artigas, Papavero & Serra, 1991: 63, figs. 11-17 (n. comb.); Castillo, Jerez & Artigas, 1994 (egg chorion). Type, SENCK [cf. Geller-Grimm, 1999: 206].
- iracema** Artigas, Papavero & Serra, 1991: 63. Type-locality: Brazil, São Paulo, Ribeirão Preto (Fazenda Iracema). Distr. – Brazil (São Paulo). Type, MZUSP.
- nigripes** (Macquart), 1838: 74 (1839: 190) (*Atomosia*). Type-locality: “Brazil”. Distr. – Colombia, Peru (Huánuco), Brazil (Pará). Refs. – Walker, 1855: 569 (*Atomosia*); Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 164 (cat.; *Atomosia*); Bromley, 1934b: 338 (*Atractia*), 1946a: 108 (cat.; *Atomosia*); Hull, 1962 (1): 379, fig. 651 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*). Type, MNHNP.
- dispar* Walker, 1855: 570 (*Atomosia*). Type-locality: Brazil, Pará, Santarém. Refs. – Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 163 (cat.; *Atomosia*); Hermann, 1912: 76 (*Dissmeryngodes (Atomosia)*); Bromley, 1946: 108 (cat.; *Atomosia*); Carrera, 1960a: 150; Hull, 1962 (1): 416, figs. 260, 659, 1330, 1339, 1571, 2125; Martin & Papavero, 1970: 54 (cat.); Lamas M., 1972: 312 (cat.); Artigas, Papavero & Serra, 1991: 63, figs. 1-10 (syn.). Type, BMNH.
- columbiana* Enderlein, 1914a: 242 (*Centrolaphria*). Type-locality: Colombia, Caldas, Victoria (Hacienda Pehlke), 900 m [cf. Papavero, 1973d: 299]. Refs. – Hull, 1962 (1): 416; Martin & Papavero, 1970: 54 (cat.; *Centrolaphria*); Artigas, Papavero & Serra, 1991: 63 (syn.). Type, IZPAN.
- spiculatus** (Hull), 1962 (1): 381, fig. 660 (*Catonomyia*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Refs. – Martin & Papavero, 1970: 48 (cat.; *Lycosimyia*); Artigas, Papavero & Serra, 1991: 63 (n. comb.). Type, ?lost [never sent to MZUSP].

Genus **Eumecosoma** Schiner, 1866

- Eumecosoma** Schiner, 1866: 662 (key), 673 (1868: 171, second erection of genus). Type-species, *Laphria pleuritica* Wiedemann, 1828 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 72, figs. 27-33.
- Josmayala* Kaletta, 1978: 58. Type-species, *Josmalaya tiarensis* Kaletta, 1978 (orig. des.) = *Eumecosoma tarsale* Curran, 1939. Refs. – Artigas, Papavero & Serra, 1991: 64 (syn.); Fisher & Hespeneheide, 1992: 629 (note 2; syn.).
- ayala** Kaletta, 1974: 101. Type-locality: Venezuela, Aragua, Tiara (Campamento Rangel). Distr. – Venezuela (Aragua, Miranda). Ref. – Artigas, Papavero & Serra, 1991: 64 (cat.). Type, FAUCV.
- caeruleum** Scarbrough & Perez-Gelabert, 2006: 42, figs. 37-39 (as *caerulum*, error, as in p. 43 they say “Latin *caerulum* [sic], for blue”). Type-locality: Dominican Republic, La Vega, Parque Nacional Armando Bermúdez, km 1.3 along trail west of La Ciénaga, 900-1100 m. Distr. – Dominican Republic (Independencia, La Vega). Type, USNM.
- calverti** Hine, 1917: 206. Type-locality: Costa Rica, Juan Vilas. Distr. – Costa Rica. Refs. – Hull, 1962 (1): 380; Martin & Papavero, 1970: 49 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, OSU.
- carmina** Kaletta, 1974: 103. Type-locality: Venezuela, Aragua, Rancho Grande. Distr. – Venezuela (Aragua). Ref. – Artigas, Papavero & Serra, 1991: 64 (cat.). Type, FAUCV.
- dicromum** Bigot, 1878: 236. Type-locality: “Brazil”. Refs. – Williston, 1891: 77 (cat.); Hull, 1962 (1): 380; Martin & Papavero, 1970: 49 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, OXF.
- dichroma* Kertész, 1909: 169 (cat.); Hermann, 1912: 72; Bromley, 1946: 110 (cat.), emend.
- hirsutum** Hermann, 1912: 73, fig. 27. Type-locality: Bolivia, Mapiro, Sarampiuni, 700 m and “Peru”. Distr. – Venezuela (Aragua, Guárico, Lara, Miranda), Peru, Bolivia. Refs. – Curran, 1930b: 8 (in key); Hull, 1962 (1): 380; Martin & Papavero, 1970: 49 (cat.); Kaletta, 1974: 100; Artigas, Papavero & Serra, 1991: 64 (cat.). Syntypes, SMTD [cf. Kallweit, 1992: 196].
- mellipes** (Wiedemann), 1828: 526 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 538 (*Laphria*); Schiner, 1866: 693 (*Laphria*); Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 191 (cat.; *Laphria*); Bromley, 1946: 111 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Lamas M., 1972: 310 (cat.; n. comb.). Type, SENCK [cf. Geller-Grimm, 1999: 211].
- metallescens** Schiner, 1868: 171. Type-locality: “Venezuela”. Distr. – Venezuela (Táchira), Peru. Refs. – Williston, 1891: 77 (cat.); Kertész, 1909: 169 (cat.); Hermann, 1912: 73, fig. 26; Curran, 1930b: 8 (in key); Hull, 1962 (1): 380; Martin & Papavero, 1970: 50 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Syntypes, NMW.
- metallescens* Kaletta, 1974: 100, error.
- molle** Bromley, 1934b: 340. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica. Refs. – Hull, 1962 (1): 380; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, AMNH.
- pleuriticum** (Wiedemann), 1828: 527 (misprinted as 257) (*Laphria*). Type-locality: “Brazil”. Refs. – Walker, 1855: 568 (*Atomosia*); Schiner, 1866: 693; Williston, 1891: 77 (cat.); Kertész, 1909: 169 (cat.); Hermann, 1912: 72, fig. 24; Curran, 1930b: 8 (in key; as *pleuritica*, error); Bromley, 1946: 110 (cat.); Hull, 1962 (1): 380, figs. 290, 681, 1290, 1299; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.); Geller-Grimm, 1999: 213 (material in SENCK). Syntypes, NMW.
- shropshirei** Curran, 1930b: 8, fig. 2. Type-locality: Panama, Canal Zone, Barro Colorado I. Refs. – Hull, 1962 (1): 380; Shelly, 1987: 180 (natural history); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, AMNH.
- staurophorum** Schiner, 1868: 172. Type-locality: “Venezuela”. Distr. – Venezuela, Peru (Huánuco). Refs. – Williston, 1891: 77 (cat.); Kertész, 1909: 169 (cat.); Hermann, 1912: 73, fig. 25; Curran, 1930b: 8 (in key); Hull, 1962 (1): 380; Martin & Papavero, 1970: 50 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, NMW.
- tarsale** Curran, 1930b: 8 (in key), 11 (as *tarsalis*, error). Type-locality: Panama, Canal Zone, Barro Colorado I. Distr. – Panama, Venezuela (Aragua). Refs. – Hull, 1962 (1): 380; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, AMNH.
- tiarensis* Kaletta, 1978: 60, pl. 2, figs. 1-4 (*Josmayala*). Type-locality: Venezuela, Aragua, Tiara (Campamento Rangel). Distr. – Refs. – Artigas, Papavero & Serra, 1991: 64 (cat.; n. comb.); Fisher & Hespeneheide, 1992: 629 (note 2; syn.). Type, FAUCV.

Genus **Hodites** Hull, 1962

- Hodites** Hull, 1962 (1): 375. Type-species, *Hodites punctissima* Hull, 1962 (orig. des.).
- punctissima** Hull, 1962 (1): 376, figs. 286, 642, 1273, 1282. Type-locality: Brazil, Distrito Federal, Corumbá de Goiás (Fazenda Monjolinho). Distr. – Brasil (Distrito Federal). Refs. – Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 64, figs. 73-74 (cat.). Type, MZUSP.

Genus **Hybozelodes** Hermann, 1912

Atractia Macquart of Hermann, 1912: 168, part, misident.

Hybozelodes Hermann, 1912: 197. Type-species, *Hybozelodes nigellus* Hermann, 1912 (orig. des.).

Lophoceraea Hermann, 1912: 193. Type-species, *Lophoceraea pennata* Hermann, 1912 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 64 (syn.).

- acuticornis** Carrera, 1945b: 171. Type-locality: Brazil, Rio de Janeiro, Mangaratiba. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Carrera, 1958a: 146, fig. 9; Hull, 1962 (1): 389; Martin & Papavero, 1970: 50 (cat.); Artigas, Papavero & Serra, 1991: 64, figs. 53-54 (cat.). Type, MZUSP.
- albipes** Hermann, 1912: 201. Type-locality: Peru, Cuzco, Mishagua, Urubamba river. Distr. – Peru (Cuzco). Refs. – Martin & Papavero, 1970: 50 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 64 (cat.). Type, SMTD [cf. Kallweit, 1992: 194].
- clausicella** (Carrera), 1960a: 150, figs. 3-4 (*Atractia*). Type-locality: Brazil, São Paulo, Cajuru. Refs. – Martin & Papavero, 1970: 48 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 64 (cat.; n. comb.). Type, MZUSP.
- comatus** (Hermann), 1912: 183, fig. 69 (*Atractia*). Type-locality: “Costa Rica”. Refs. – Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Syntypes, MUN.
- conjungens** (Hermann), 1912: 189, fig. 72 (*Atractia*). Type-locality: “Brazil”. Refs. – Bromley, 1946a: 108 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Type, NMW.
- dispar** (Hermann), 1912: 186, fig. 71 (*Atractia*). Type-locality: Peru (several localities not originally mentioned). Refs. – Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Syntypes, ZSBS, SMTD [cf. Kallweit, 1992: 195].
- fulvipes** (Hermann), 1912: 185, fig. 70 (*Atractia*). Type-locality: Brazil, Santa Catarina, Blumenau. Refs. – Bromley, 1946: 108 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Type, NMW.
- lucidus** (Hermann), 1912: 192, fig. 74 (*Atractia*). Type-locality: Brazil, Minas Gerais, Mar d’Hespanha (as Espírito Santo, in error). Brazil (Minas Gerais, Rio de Janeiro). Refs. – Bromley, 1946: 108 (cat.; *Atractia*); Carrera, 1960a: 150 (*Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65, figs. 48-52, 55-56 (cat.; n. comb.). Syntypes, MUN.
- marginatus** (Osten Sacken), 1887: 212 (*Atractia*). Type-locality: Nicaragua, Chontales. Refs. – Aldrich, 1905: 274 (cat.; *Atractia*); Kertész, 1909: 166 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.); Shelly, 1984a: 120 (*Atractia*; prey selection). Type, BMNH.
- ?minutus** (Wiedemann), 1828: 530 (*Laphria*). Type-locality: “Brazil”. Refs. – Walker, 1855: 569 (*Atomosia*); Schiner, 1866: 693 (?*Atractia*); Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 166 (cat.; *Atractia*); Bromley, 1946: 108 (cat.; *Atractia*); Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; ?*Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Type, BZM [no. 2268; cf. Schumann, 1973: 234].
- nigellus** Hermann, 1912: 199, fig. 76. Type-locality: Peru, Cuzco, Mishagua, Urubamba river. Distr. – Peru (Cuzco). Refs. – Hull, 1962 (1): 389, figs. 217, 653; Martin & Papavero, 1970: 50 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 196].
- pennatus** (Hermann), 1912: 196, figs. 75a-b, pl. 5, figs. 55-56 (*Lophoceraea*). Type-locality: Peru, Huánuco, mouth of Pachitea river, 150m; Bolivia, Mapiri, Sarampiuni. Distr. – Peru (Huánuco), Bolivia. Refs. – Hull, 1962 (1): 390, figs. 263, 678, 1326, 1336 (*Lophoceraea*); Martin & Papavero, 1970: 51 (cat.; *Lophoceraea*); Lamas M., 1972: 310 (cat.; *Lophoceraea*); Fisher, 1984: 33 (*Lophoceraea*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 197].
- pictus** (Hermann), 1912: 181, fig. 68 (*Atractia*). Type-locality: “Venezuela”. Refs. – Hull, 1962 (1): 379 (*Atractia*); Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.). Type, NMW.
- platycerus** Hermann, 1912: 202, fig. 77. Type-locality: Peru, Cuzco, Mishagua, Urubamba river. Distr. – Peru (Cuzco). Refs. – Hull, 1962 (1): 389; Martin & Papavero, 1970: 50 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Syntypes, SMTD [cf. Kallweit, 1992: 197].

Genus **Lamprozona** Loew, 1851

Laphria, subg. **Lamprozona** Loew, 1851: 18. Type-species, *Laphria (Lamprozona) auricincta* Loew, 1851 (mon.).

Automolina Hermann, 1912: 101. Type-species, *Automolina chilensis* Hermann, 1912 (orig. des.).

- auricincta** (Loew), 1851: 18 (*Laphria (Automolina)*). Type-locality: “Chile”. Distr. – Chile (Aconcagua, Arauco, Cautín, Linares, Maule, Santiago, Valdivia, Valparaíso). Refs. – Schiner, 1866: 706, 1868: 171; Williston, 1891: 79 (cat.); Kertész, 1909: 169 (cat.); Hermann, 1912: 99; Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962 (1): 402; Artigas, 1970a: 243, figs. 203-205, 207-208, 440; Martin & Papavero, 1970: 53 (cat.); Artigas, 1971: 30, fig. 69-70; Artigas, Papavero & Serra, 1991: 65, figs. 25-26.

- atratus* Philippi, 1865: 687 (*Dasygogon*). Type-locality: Chile, Valdivia. Refs. – Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 126 (cat.; *Dasygogon*); Bromley, 1932: 268; Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962 (1): 402, figs. 224, 670, 1308, 1317, 2172. Type, MNHNS.
- sericeus* Philippi, 1865: 691 (*Dasygogon*). Type-locality: “Chile”. Refs. – Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 131 (cat.; *Dasygogon*); Stuardo Ortiz, 1946: 82 (cat.; *Dasygogon*); Hull, 1962 (1): 402 (*Dasygogon*). Type, MHNHS.
- castaneipes* Bigot, 1878: 234. Type-locality: “Chile”. Refs. – Williston, 1891: 79 (cat.); Kertész, 1909: 169 (cat.); Hull, 1962 (1): 402. Type, OXF.
- cyanescens* Bigot, 1878: 235 (*Cormansis*). Type-locality: “Chile”. Refs. – Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 163 (cat.; *Atomosia*); Hermann, 1912: 100 (n. comb.); Brèthes, 1925: 105 (*Atomosia*); Hull, 1962 (1): 402 (as syn. of *chilensis* Hermann, 1912). Syntypes, OXF.
- castanipes* Bigot, 1879: ix, emend.
- chilensis* Brèthes, 1925: 105 (*Atomosia*; preocc. Hermann, 1912). Type-locality: “Chile”. Ref. – Stuardo Ortiz, 1946: 83 (cat.; *Atomosia*); Hull, 1962: 402.
- chilensis** (Hermann), 1912: 103 (*Automolina*). Type-locality: Chile, Concepción. Refs. – Bromley, 1932: 268 (*Automolina*); Stuardo Ortiz, 1946: 83 (cat.; *Automolina*); Hull, 1962 (1): 271, 409, figs. 262, 667, 1327, 1335 (*Automolina*); Artigas, 1970a: 246, figs. 206, 209-212, 437 (n. comb.); Martin & Papavero, 1970: 53 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Type, ZSBS.

Genus *Lycosimyia* Hull, 1958

Lycosimyia Hull, 1958a: 102. Type-species, *Lycosimyia carrerai* Hull, 1958 (orig. des.).

Ref. – Artigas, Papavero & Serra, 1991: 77, figs. 57-65.

- carrerai** Hull, 1958a: 103 (as *carrerai*, in error). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr. – Brazil (Rio de Janeiro). Refs. – Hull, 1962 (1): 375, figs. 285, 1291, 1300; Martin & Papavero, 1970: 48 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Type, MZUSP.
- fluviatilis** (Carrera), 1960a: 152, fig. 5 (*Atractia*). Type-locality: Brazil, Pará, Óbidos. Distr. – Brazil (Pará). Refs. – Martin & Papavero, 1970: 49 (cat.; *Atractia*); Artigas, Papavero & Serra, 1991: 65 (cat.). Type, MNRJ.

Genus *Oidardis* Hermann, 1912

- Oidardis** Hermann, 1912: 76. Type-species, *Oidardis gibbosa* Hermann, 1912 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 72, figs. 34-38.
- Othoniomyia* Hermann, 1912: 119. Type-species, *Othoniomyia triangularis* Hermann, 1912 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 65 (syn.).
- Othoniomyia*, subg. *Sphagolestes* Hull, 1962 (1): 391. Type-species, *Othoniomyia (Sphagolestes) nigrum* Hull, 1962 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 65 (syn.).
- Voluptarius* Kaletta, 1978: 48. Type-species, *Voluptarius curupaensis* Kaletta, 1978 (orig. des.). Ref. – Artigas, Papavero & Serra, 1991: 65 (syn.).
- Iucundus* Kaletta, 1978: 52. Type-speciesw, *Iucundus avelodoi* Kaletta, 1978 (orig. des.).
- aenescens** Hermann, 1912: 80. Type-locality: Peru, Pasco, Unini, Ucayali river. Distr. – Peru (Pasco). Refs. – Hull, 1962 (1): 409; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Syntypes, SMTD [cf. Kallweit, 1992: 194].
- avelodoi** (Kaletta), 1978: 54, pl. 1, figs. 4, 6-9 (*Iucundus*). Type-locality: Venezuela, Aragua, Rancho Grande. Distr. – Venezuela (Aragua). Ref. – Artigas, Papavero & Serra, 1991: 65, figs. 39-40 (cat.; n. comb.). Type, FAUCV.
- curupaensis** (Kaletta), 1978: 50, pl. 1, figs. 1-3, 5 (*Voluptarius*). Type-locality: Venezuela, Miranda, Curupao. Distr. – Venezuela (Miranda). Ref. – Artigas, Papavero & Serra, 1991: 65, figs. 41-43 (cat.; n. comb.). Type, FAUCV.
- gibba** (Curran), 1930b: 8 (in key), 10 (*Eumecosoma*). Type-locality: Panama, Canal Zone, Barro Colorado I. Refs. – Hull, 1962 (1): 380 (*Eumecosoma*); Martin & Papavero, 1970: 49 (cat.; *Eumecosoma*); Shelly, 1986b: 124 (foraging success; variation with attack distance and angle), 1987: 180 (natural history); Artigas, Papavero & Serra, 1991: 65, figs. 44-45 (cat.; n. comb.). Type, AMNH.
- gibbosa** Hermann, 1912: 78. Type-locality: Peru, Cuzco, Umuhuankiali, 500 m, Puerto Bermúdez, 700 m; Bolivia, Chimate, 650 m. Distr. – Peru (Pasco), Bolivia. Refs. – Hull, 1962 (1): 409, figs. 218, 677, 1260, 1269; Martin & Papavero, 1970: 53 (cat.); Lamas M., 1972: 311 (cat.); Fisher, 1984: 31; Artigas, Papavero & Serra, 1991: 65 (cat.). Syntypes, MUN,

SMTD [cf. Kallweit, 1992: 195].

nigra (Hull), 1962 (1): 391 (*Othoniomyia* (*Sphagolestes*)). Type-locality: Brazil, São Paulo. Refs. – Martin & Papavero, 1970: 51 (cat.; *Othoniomyia*); Artigas, Papavero & Serra, 1991: 65 (cat.; n. comb.).

triangularis (Hermann), 1912: 120, figs. 47-48 (*Othoniomyia*). Type-locality: Brazil, Santa Catarina, Blumenau. Distr. – Brazil (Rio de Janeiro, São Paulo, Paraná, Santa Catarina). Refs. – Bromley, 1946: 108 (cat.); Carrera, 1946a: 98 (*Othoniomyia*), 1958a: 145 (*Othoniomyia*); Hull, 1962 (1): 391, figs. 249, 654, 1352, 1361, 1669, 1814; Martin & Papavero, 1970: 51 (cat.; *Othoniomyia*); Artigas, Papavero & Serra, 1991: 65, figs. 46-47 (cat.; n. comb.). Syntypes, MIL, NMW, MUN.

Genus **Strombocodia** Hermann, 1912

Strombocodia Hermann, 1912: 165. Type-species, *Strombocodia elegans* Hermann, 1912 (orig. des.).

elegans Hermann, 1912: 167, fig. 62, pl. 4, fig. 51, pl. 5, fig. 52. Type-locality: Peru, Cuzco, Umuhuanqiali, Urubamba river, 500 m. Distr. – Peru (Cuzco). Refs. – Hull, 1962 (1): 375, fig. 2511; Martin & Papavero, 1970: 48 (cat.); Lamas M., 1972: 310 (cat.); Artigas, Papavero & Serra, 1991: 65 (cat.). Type, MUN.

Unrecognized genus and species of **Atomosiini**

Genus **Rhatimomyia** Lynch Arribálzaga, 1882

Rhatimomyia Lynch Arribálzaga, 1882: 135. Type-species, *Rhatimomyia nitidula* Lynch Arribálzaga, 1882 (mon.). *Rhatimomyia* Williston, 1891: 78, emend.

nitidula Lynch Arribálzaga, 1882: 137. Type-locality: Argentina, Buenos Aires, Chacabuco. Distr. – Argentina (Buenos Aires). Refs. – Williston, 1891: 78 (cat.; *Rhatimomyia*); Kertész, 1909: 167 (cat.); Hull, 1962 (1): 400, figs. 230, 652, 1316, 1325; Martin & Papavero, 1970: 53 (cat.). Type, lost.

Tribe **Dasytrichini** Lynch Arribálzaga, 1882

Dasythricaria Lynch Arribálzaga, 1882: 245. Type-genus, *Dasythrix* Loew, 1851. Ref. – Dikow, 2003: 465. *Erecmoneminae* Hermann, 1912: 21, part. *Dasytrichini* Artigas, Papavero & Pimentel, 1988: 212, 237, as new, error.

Genus **Cryptomerynx** Enderlein, 1914

Cryptomerynx Enderlein, 1914a: 254. Type-species, *Cryptomerynx laphriicornis* Enderlein, 1914 (orig. des.). *Alipiolaphria* Carrera, 1951: 116. Type-species, *Alipiolaphria mirandai* Carrera, 1951 (orig. des.). Ref. – Artigas, Papavero & Pimentel, 1988: 237 (syn.).

laphriicornis Enderlein, 1914a: 254, figs. 1-2. Type-locality: “Colombia [Pehlke]”. Refs. – Hull, 1962 (1): 344, figs. 2515, 2522; Artigas, Papavero & Pimentel, 1988: 215, figs. 3-4. Type, IZPAN.

mirandai (Carrera), 1951: 116, figs. 4-6, 11-14 (*Alipiolaphria*). Type-locality: Brazil, Paraná, Curitiba. Distr. – Brazil (Paraná). Refs. – Hull, 1962 (1): 333; Artigas, Papavero & Pimentel, 1988: 237 (n. comb.). Type, MZUSP.

Genus **Dasythrix** Loew, 1851

Laphria, subg. **Dasythrix** Loew, 1851: 21. Type-species, *Laphria* (*Dasythrix*) *inornata* Loew, 1851 (orig. des.).

- inornata** (Loew), 1851: 21 (*Laphria* (*Dasythrix*)). Type-locality: “South America” (Uruguay, Montevideo (Sello) [cf. Papavero, 1971e: 56-60, 69-80, 99-102] in TP label). Refs. – Williston, 1891: 81 (cat.); Kertész, 1909: 207 (cat.); Hull, 1962 (1): 343 (*Nusa*); Martin & Papavero, 1970: 41 (cat.; ?*Nusa*); Artigas, Papavero & Pimentel, 1988: 237. Type, BZM [no. 432; cf. Schumann, 1973: 121].
- leucophaea** Lynch Arribálzaga, 1880: 55. Type-locality: Argentina, Buenos Aires. Refs. – Wulp, 1882b: 195; Lynch Arribálzaga, 1883a: 145 (cat.); Williston, 1891: 81 (cat.); Engel, 1930: 468; Hull, 1962 (1): 343 (*Nusa*); Martin & Papavero, 1970: 41 (cat.; ?*Nusa*); Artigas, Papavero & Pimentel, 1988: 237. Type, MACN.

Genus *Smeryngolaphria* Hermann, 1912

- Smeryngolaphria** Hermann, 1912: 226. Type-species, *Smeryngolaphria pictipennis* Hermann, 1912 (mon.) = *maculipennis* (Macquart, 1846).
- Panamasilus* Curran, 1930: 20. Type-species, *Panamasilus xylota* Curran, 1930 (orig. Des.) = *numitor* (Osten Sacken, 1887).
- Ref. – Artigas, Papavero & Pimentel, 1988: 239 (key to spp.).
- gorayebi** Artigas, Papavero & Pimentel, 1988: 240, figs. 7, 14, 17-20, 21-22. Type-locality: Brazil, Pará, Monte Dourado. Distr. – Brazil (Pará, Amapá). Type, MPEG.
- gurupi** Artigas, Papavero & Pimentel, 1988: 241, figs. 9, 16. Type-locality: Brazil, Pará, rio Gurupi, Aldeia Gurupi. Distr. – Brazil (Pará). Type, MZUSP.
- maculipennis** (Macquart), 1846: 201 (1846: 73), pl. 7, fig. 14 (*Laphria*). Type-locality: “Guyana”. Distr. – Guyana, Brazil (Amazonas, Pará, Amapá), Bolivia. Refs. – Walker, 1855: 539 (*Laphria*); Williston, 1891: 81 (cat.; *Andrenosoma*); Kertész, 1909: 200 (cat.; *Nusa*); Hermann, 1912: 227; Curran, 1942: 57; Carrera, 1951: 119, 1960a: 152; Hull, 1962 (1): 333; Martin & Papavero, 1970: 39 (cat.); Artigas, Papavero & Pimentel, 1988: 242, figs. 12, 23-26. Syntypes, OXF.
- pictipennis* Hermann, 1912: 227. Type-locality: Bolivia, Mapiiri, San Ernesto, 300 m. Ref. – Curran, 1942: 57 (syn.). Syntypes, TP SMTD [cf. Kallweit, 1992: 197].
- aurata* Enderlein, 1914a: 252 (*Laphria*). Type-locality: Brazil, Pará, Óbidos (as Amazonas, in error). Ref. – Bromley, 1946: 111 (cat.). Type, IZPAN.
- melanura** (Wiedemann), 1828: 508 (*Laphria*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Brazil (Espírito Santo, Rio de Janeiro). Refs. – Macquart, 1838: 539 (*Laphria*); Walker, 1855: 539 (*Laphria*); Schiner, 1866: 691 (*Laphria*); Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 191 (cat.; *Laphria*); Hermann, 1912: 226; Bromley, 1946: 111 (cat.); Carrera, 1951: 113, figs. 7-9; Hull, 1962 (1): 333; Martin & Papavero, 1970: 39 (cat.); Artigas, Papavero & Pimentel, 1988: 243, figs. 11, 27-30. Type, SENCK [cf. Geller-Grimm, 1999: 211; face eaten away by dermestids].
- numitor** (Osten Sacken), 1887: 185 (*Laphria*). Type-locality: Nicaragua, Chontales. Distr. – Nicaragua, Panama. Refs. – Aldrich, 1905: 272 (cat.; *Laphria*); Kertész, 1909: 192 (cat.; *Laphria*); Martin & Papavero, 1970: 39 (cat.); Artigas, Papavero & Pimentel, 1988: 243, figs. 5, 10, 31-34. Type, BMNH.
- xylota* Curran, 1930b: 20, fig. 3 (*Panamasilus*). Type-locality: Panama, Canal Zone, Barro Colorado I. Refs. – Carrera, 1951: 120; Hull, 1962 (1): 333. Type, AMNH.
- panamensis* Curran, 1942: 57 (*Panamasilus*; ?*lapsus calami* for *xylota*).
- seabrai** Carrera, 1960a: 153, fig. 6. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Tijuca). Distr. – Brazil (Rio de Janeiro). Refs. – Martin & Papavero, 1970: 39 (cat.); Artigas, Papavero & Pimentel, 1988: 243, figs. 6, 13, 35-38. Type, MNRJ.
- taperignae** Artigas, Papavero & Pimentel, 1988: 243, figs. 8, 15, 39-42. Type-locality: Brazil, Pará, Santarém (Fazenda Taperinha). Distr. – Brazil (Pará). Type, MZUSP.

Tribe Laphriini Macquart, 1838

Erecmoneminae Hermann, 1912: 21, part.

Genus *Ichneumolaphria* Carrera, 1951

Ichneumolaphria Carrera, 1951: 114. Type-species, *Ichneumolaphria zikani* Carrera, 1912 (orig. des.).

Ref. – Geller-Grimm, 1997 (key to spp.).

fascipennis (Hermann), 1912: 216 (*Rhopalogaster*). Type-locality: Peru, Cuzco, Mishagua, Urubamba river, 350 m. Distr. – Peru (Cuzco). Refs. – Hull, 1962 (1): 339; Martin & Papavero, 1970: 39 (cat.); Lamas M., 1972: 308 (cat.). Syntypes, ZSBS, SMTD [cf. Kallweit, 1992: 195].

schacht Geller-Grimm, 1997: 457, figs. 1a-f. Type-locality: Brazil, Amazonas, rio do Equador. Distr. – Brazil (Amazonas). Type, ZSBS.

zikani Carrera, 1951: 115, figs. 1, 3. Type-locality: Brazil, Minas Gerais, Virgínia, 900 m. Distr. – Brazil (Minas Gerais). Refs. – Hull, 1962 (1): 333; Martin & Papavero, 1970: 39 (cat.).

Genus **Joartigasia** Martínez & Martínez, 1975

Pholidotus Hermann, 1912: 329 (preocc. Brisson, 1762). Type-species, *Pholidotus rubriventris* Hermann, 1912 (sub. des., Martin & Papavero, 1970: 41).

Joartigasia Martínez & Martínez, 1975: 149 *nom. nov.* for *Pholidotus* Hermann, 1912). Type-species, *Pholidotus rubriventris* Hermann, 1912 (aut.).

anceps (Hermann), 1912: 234 (*Pholidotus*). Type-locality: Peru, Huánuco, mouth of Pachitea river. Distr. – Peru (Huánuco). Refs. – Hull, 1962 (1): 336, figs. 618, 1305, 2154; Martin & Papavero, 1970: 41 (cat.; *Pholidotus*); Lamas M., 1972: 308 (cat.; *Pholidotus*). Type, SMTD [cf. Kallweit, 1992: 194].

rubriventris (Hermann), 1912: 229 (*Pholidotus*). Type-locality: “Peru (male), Surinam (female)”. Distr. – Surinam, Guyana, Peru. Refs. – Bromley, 1934b: 346 (*Pholidotus*); Hull, 1962 (1): 336, figs. 268, 616, 1225, 1234, 2148, 2155; Martin & Papavero, 1970: 41 (cat.; *Pholidotus*); Lamas M., 1972: 308 (cat.; *Pholidotus*). Syntypes, ZSBS (male), NMW (female).

ruficaudis (Hermann), 1912: 232 (*Pholidotus*). Type-locality: Peru, Huánuco, mouth of Pachitea river, 150 m. Distr. – Peru (Huánuco). Refs. – Hull, 1962 (1): 336; Martin & Papavero, 1970: 41 (cat.; *Pholidotus*); Lamas M., 1972: 308 (cat.; *Pholidotus*). Type, SMTD [cf. Kallweit, 1992: 197].

Genus **Lampria** Macquart, 1838

Lampria Macquart, 1838: 60 (1839: 178). Type-species, *Laphria clavipes* Fabricius, 1805 (sub. des., Coquillett, 1910: 557). *Lampria*, subg. *Brychomyia* Hull, 1962 (1): 328. Type-species, *Laphria rubriventris* Macquart, 1834 (orig. des.).

aurifex Osten Sacken, 1887: 187. Type-locality: Mexico, Veracruz, Orizaba; Costa Rica, Caché. Distr. – Mexico (Veracruz, Nayarit, San Luís Potosí, Tabasco), Guatemala, Costa Rica. Refs. – Williston, 1901: 318; Aldrich, 1905: 270 (cat.); Kertész, 1909: 204 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 39 (cat.); Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.

bitincta Walker, 1860: 280. Type-locality: “Brazil, Amazon”. Refs. – Williston, 1891: 80 (cat.); Kertész, 1909: 205 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327.

bicincta Martin & Papavero, 1970: 40 (cat.), error.

cilipes Walker, 1857: 128. Type-locality: “Brazil, Amazon”. Refs. – Williston, 1891: 80 (cat.); Kertész, 1909: 205 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.).

circumdata Bellardi, 1861: 115 (15), pl. 1, fig. 17. Type-locality: “Mexico”. Distr. – Mexico. Refs. – Aldrich, 1905: 270 (cat.); Kertész, 1909: 205 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.); Papavero & Ibáñez Bernal, 2001: 105 (hist. Mexican dipterol.). Type, TORO.

clavipes (Fabricius), 1805: 162 (*Laphria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Mexico (San Luís Potosí), Costa Rica, Panama, Peru (Huánuco, Loreto, Pasco), Brazil (Pará, Espírito Santo). Refs. – Wiedemann, 1821: 237 (*Laphria*), 1828: 513 (*Laphria*); Macquart, 1838: 61, 1848: 22, pl. 2, fig. 7; Rondani, 1848: 91; Walker, 1849: 376, 1855: 510; Schiner, 1866: 691, 1868: 174; Wulp, 1882b: 194; Osten Sacken, 1887: 186; Williston, 1891: 80 (cat.); Aldrich, 1905: 270 (cat.); Kertész, 1909: 205 (cat.); Hermann, 1912: 220, 222; Bromley, 1934: 345; Carrera, 1945a: 160 (preys); Bromley, 1946: 111 (cat.); Carrera & d’Andretta, 1953: 63; Carrera, 1960a: 152; Hull, 1962 (1): 327, figs. 226, 612, 1237, 1248; Carrera & Machado-Allison, 1963: 239; Martin & Papavero, 1970: 40 (cat.); Lamas M., 1972: 308 (cat.). Syntypes, COPN, KIEL [cf. Zimsen, 1964: 469].

corallogaster (Bigot), 1878: 226 (*Laphria*). Type-locality: “North America”. Distr. – U. S. A., Mexico. Refs. – Williston, 1883: 33 (*Laphria*); Aldrich, 1905: 270 (cat.); Kertész, 1909: 205 (cat.); Martin & Wilcox, 1965: 388 (cat.); Martin & Papavero, 1970: 40 (cat.). Type, OXF.

dives (Wiedemann), 1828: 524 (*Laphria*). Type-locality: Brazil, Bahia [Gomez; cf. Papavero, 1971e: 48]. Distr. – Peru, Bolivia, Brazil (Bahia). Refs. – Walker, 1855: 534 (*Laphria*); Schiner, 1866: 692; Williston, 1891: 80 (cat.); Kertész, 1909: 205

- (cat.); Hermann, 1912: 224; Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.); Fisher, 1984: 29. Syntypes, BZM [no. 402; cf. Schumann, 1973: 105].
- fulgida** Schiner, 1868: 174. Type-locality: Brazil, São Paulo, Mogi Mirim, Oriçanga (as “Insenga”, error for “Orissanga”). Distr. – Brazil (São Paulo). Refs. – Williston, 1891: 80 (cat.); Kertész, 1909: 205 (cat.); Hermann, 1912: 223; Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Syntypes, NMW.
- homopoda** (Bellardi), 1862: 217 (20), pl. 3, fig. 16 (*Laphria*). Type-locality: Mexico, Veracruz, Tuxpango near Orizaba. Distr. – Mexico (Veracruz). Refs. – Aldrich, 1905: 272 (cat.; *Laphria*); Kertész, 1909: 187 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 40 (cat.); Papavero & Ibáñez Bernal, 2001: 110 (hist. Mexican dipterol). Type, TORO.
- ichneumon** (Osten Sacken), 1887: 185, pl. 3, fig. 6 (*Laphria*). Type-locality: Guatemala, Purula, 4000 ft. Distr. – Guatemala. Refs. – Aldrich, 1905: 272 (cat.; *Laphria*); Kertész, 1909: 187 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Hull, 1962 (1): 323; Martin & Papavero, 1970: 40 (cat.). Type, BMNH.
- macquartii** (Perty), 1833: 181, pl. 36, fig. 3 (*Laphria*). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (as “Sebastianopolis”). Distr. – Brazil (Rio de Janeiro). Refs. – Walker, 1849: 376 (*Laphria*), 1855: 511 (*Laphria*); Williston, 1891: 80 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1934b: 346 (believes *macquarti* is the female of *clavipes* Fabricius, 1805), 1946a: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, ?ZSBS.
- mexicana** Macquart, 1847: 1847: 53 (1847: 37). Type-locality: “Mexico”. Distr. – Mexico (San Luís Potosí, Veracruz), Costa Rica, Panama, Venezuela. Refs. – Walker, 1855: 510; Bellardi, 1861: 13; Wulp, 1882b: 105; Osten Sacken, 1887: 188; Aldrich, 1905: 270 (cat.); Kertész, 1909: 206 (cat.); Carrera & d’Andretta, 1950: 161, figs. 9, 27; Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.); Papavero & Ibáñez Bernal, 2001: 86 (hist. Mexican dipterol.). Syntypes, MNHNP, OXF.
- parvula** Bigot, 1878: 237. Type-locality: “Brazil”. Refs. – Williston, 1891: 80 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, OXF.
- pusilla** (Macquart), 1838: 68 (1839: 184) (*Laphria*). Type-locality: Brazil, Rio Grande do Sul. Refs. – Walker, 1855: 538 (*Laphria*); Williston, 1891: 80 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, MNHNP.
- rubriventris** (Macquart), 1834: 284 (*Laphria*). Type-locality: U. S. A., Pennsylvania. Distr. – U. S. A. (Florida, Georgia, Pennsylvania, Texas), Mexico (Coahuila). Refs. – Walker, 1855: 527 (*Laphria*); Bigot, 1878: 217 (*Pogonosoma*); Osten Sacken, 1878: 76, 233 (cat.); Williston, 1883: 32; Aldrich, 1905: 270 (cat.); Kertész, 1909: 206 (cat.); Fattig, 1945: 20; Bromley, 1950: 233; Hull, 1962 (1): 327 [*Lampria* (*Brychomyia*)] Hull, 1962 (1): 327; Martin & Wilcox, 1965: 388 (cat.).
- scapularis** Bigot, 1878: 237. Type-locality: Brazil, Pará. Distr. – Brazil (Pará, São Paulo, Santa Catarina). Refs. – Williston, 1891: 80 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1946: 111 (cat.); Carrera, 1958a: 146, 1960: 153; Carrera & Vulcano, 1961: 70 (prey); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, OXF.
- spinipes** (Fabricius), 1805: 162 (*Laphria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Guyana. Refs. – Wiedemann, 1821: 240 (*Laphria*), 1828: 525 (*Laphria*); Walker, 1849: 377 (*Laphria*), 1855: 534 (*Laphria*); Schiner, 1866: 693; Osten Sacken, 1887: 187; Williston, 1891: 80 (cat.); Aldrich, 1905: 270 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1934b: 345; Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, COPN [cf. Zimsen, 1964: 469].
- affinis* Fabricius, 1805: 163 (*Laphria*). Type-locality: “South America”. Type, COPN [cf. Zimsen, 1974: 469].
- splendens** (Macquart), 1834: 286 (*Laphria*). Type-locality: “Surinam”. Refs. – Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.). Type, lost.
- tolmides** (Walker), 1849: 377 (*Laphria*). Type-locality: “?Brazil”. Refs. – Walker, 1855: 511; Williston, 1891: 80 (cat.); Kertész, 1909: 206 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 327; Martin & Papavero, 1970: 40 (cat.).

Genus *Laphria* Meigen, 1803

- Laphria* Meigen, 1800: 25. Type-species, *Asilus gibbosus* Linnaeus, 1758 (sub. des., Coquillett, 1910: 557). Suppressed by I. C. Z. N., 1963: 359.
- Laphria*** Meigen, 1803: 270. Type-species, *Asilus gibbosus* Linnaeus, 1758 (sub. des.; Latreille, 1810: 443).
- Bombomima* Enderlein, 1914a: 258. Type-species, *Laphria fulvithorax* Fabricius, 1805 (orig. des.) = *thoracica* (Fabricius, 1805).
- componens** Walker, 1860: 281. Type-locality: “Mexico”. Distr. – Mexico. Refs. – Aldrich, 1905: 272 (cat.); Kertész, 1909: 179 (cat.); Hull, 1962 (1): 323; Martin & Papavero, 1970: 38 (cat.); Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.).
- marginalis** Williston, 1901: 318. Type-locality: Mexico, Veracruz, Atoyac. Distr. – Mexico (Veracruz). Refs. – Aldrich, 1905: 272 (cat.); Kertész, 1909: 189 (cat.); Hull, 1962 (1): 323; Martin & Papavero, 1970: 38 (cat.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.
- melanogaster** Wiedemann, 1821: 236. Type-locality: “Mexico and Savannah”. Distr. – U. S. A. (Georgia, Texas), Mexico,

- ?Colombia. Refs. – Wiedemann, 1828: 507; Macquart, 1846: 75; Walker, 1955: 528; Schiner, 1866: 691; Aldrich, 1905: 272 (cat.); Kertész, 1909: 191 (cat.); Enderlein, 1914a: 252; Hull, 1962 (1): 325 [*Laphria (Bombomima)*]; Martin & Wilcox, 1965: 387 (cat.); Martin & Papavero, 1970: 38 (cat.); Papavero & Ibáñez Bernal, 2001: 64 (hist. Mexican dipterol.).
- thoracica** Fabricius, 1805: 158. Type-locality: “North America”. Distr. – Canada, U. S. A., ?Jamaica. Refs. – Fattig, 1945: 19 (*Bombomima (Dasyllis)*); Farr, 1965: 16 (*Bombomima*); Martin & Wilcox, 1965: 391 (cat.); Hull, 1962 (1): 325 [*Laphria (Bombomima)*]; Martin & Papavero, 1970: 38 (cat.; *Laphria (Bombomima)*). Type, KIEL (lost; only name label remainig; cf. Zimsen, 1964: 469).
- fulvithorax* Fabricius, 1805: 373 (unjustified *nom. nov.* for *thoracica* Fabricius, 1805).
- alcanor* Walker, 1849: 383. Type-locality: U. S. A., Massachusetts. Refs. – Gowdey, 1926: 77.
- trux** McAtee, 1919: 158. Type-locality: U. S. A., California. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Hull, 1962 (1): 322; Martin & Wilcox, 1965: 391 (cat.).
- audax* McAtee, 1919: 158 (as *trux* var.). Type-locality: U. S. A., California.
- willistoniana** Enderlein, 1914a: 252 (*nom. nov.* for *coerulea* Williston, 1901). Type-locality: Mexico, Veracruz, Atoyac. Distr. – Mexico. Ref. – Hull, 1962 (1): 323.
- coerulea* Williston, 1901: 317 (preocc. Boisduval, 1835). Type-locality: Mexico, Veracruz, Atoyac. Refs. – Aldrich, 1905: 272 (cat.); Kertész, 1909: 179 (cat.); Martin & Papavero, 1970: 38 (cat.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Type, BMNH.

Genus *Phellopteron* Hull, 1962

- Phellopteron** Hull, 1962 (1): 341. Type-species, *Phellopteron farri* Hull, 1962 (orig. des.).
- farri** Hull, 1962 (1): 341, figs. 256, 628, 1219, 1228, 2150. Type-locality: Jamaica, Windsor Estate, Trelawny, 12 miles south of Falmouth. Distr. – Jamaica. Refs. – Farr, 1965: 15, figs. 9-10; Martin & Papavero, 1970: 41 (cat.). Type, SIKJ.
- mrazi** Hradský, 1968: 165, figs. 1-2. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr. – Brazil (Rio de Janeiro). Ref. – Martin & Papavero, 1970: 41 (cat.). Type, MZUSP.

Genus *Rhopalogaster* Macquart, 1834

- Rhopalogaster** Macquart, 1834: 279. Type-species, *Laphria longicornis* Wiedemann, 1828 (mon.).
- albidus** Scarbrough & Perez-Gelabert, 2006: 45, fig. 121. Type-locality: Dominican Republic, La Vega, Parque Nacional Armando Bermúdez, km 1.3 along trail west of La Ciénaga, 900-1100 m. Distr. – Dominican Republic (La Vega). Type, USNM.
- araujo** Carrera, 1952a: 211. Type-locality: Brazil, Goiás, Goiânia (Campinas). Distr. – Brazil (Goiás). Refs. – Hull, 1962 (1): 339; Martin & Papavero, 1970: 40 (cat.). Type, MZUSP.
- aurifer** Hermann, 1912: 211. Type-locality: unknown. Refs. – Hull, 1962 (1): 339; Martin & Papavero, 1970: 40 (cat.). Type, NMW.
- bella** Bromley, 1929a: 283, pl. 1, fig. 5. Type-locality: Cuba, Camaguey. Distr. – Cuba. Refs. – Hull, 1962 (1): 339; Martin & Papavero, 1970: 41 (cat.); Alayo Dalmau & García Ávila, 1983: 46 (cat.). Type, USNM.
- lineata** Hermann, 1912: 212. Type-locality: Brazil, Rio Grande do Sul; Minas Gerais, Mar d’Espanha; Bolivia, Yungas de Coroico, 1800 m. Distr. – Bolivia, Brazil (Minas Gerais, São Paulo, Santa Catarina, Rio Grande do Sul). Refs. – Bromley, 1946: 112 (cat.); Carrera, 1953a: 271; Hull, 1962 (1): 339; Martin & Papavero, 1970: 41 (cat.). Syntypes, NMW, SMTD [cf. Kallweit, 1992: 196].
- longicornis** (Wiedemann), 1828: 519 (*Laphria*). Type-locality: “Brazil”. Refs. – Macquart, 1834: 279, 1838: 72; Walker, 1855: 565; Schiner, 1866: 692; Williston, 1891: 81 (cat.); Kertész, 1909: 208 (cat.); Hermann, 1912: 211; Bromley, 1946: 112 (cat.); Hull, 1962 (1): 339, figs. 619, 1221, 1230, 2095, 2098, 2143; Martin & Papavero, 1970: 41 (cat.). Type, NMW.
- micronyx** Tomasovic, 2002: 86, fig. 1. Type-locality: French Guiana, route de Kaw, Camp Patawa, 4o31’N, 52o05’W. Distr. – French Guiana. Type, FUSAGembloux.
- niphardis** Hermann, 1912: 213. Type-locality: Bolivia, La Paz, Mapiiri, Sarampiuni, 700 m; San Carlos, 800 m. Ref. – Hull, 1962 (1): 339. Syntypes, NMW, SMTD [cf. Kallweit, 1992: 196].

Tribe Neophoneini Artigas, Papavero & Pimentel, 1988

- Erecmoneminae Hermann, 1912: 21, part.

Neophoneini Artigas, Papavero & Pimentel, 1988: 214, 244. Type-genus, *Neophoneus* Williston, 1889.

Genus *Neophoneus* Williston, 1889

Phoneus Macquart, 1838: 79 (1839: 195) (preocc. Kaup, 1820). Type-species, *Phoneus servillei* Macquart, 1838 (mon.).

Neophoneus Williston, 1889: 255 (*nom. nov.* for *Phoneus* Macquart, 1838). Type-species, *Phoneus servillei* Macquart, 1838 (aut.).

amandus (Walker), 1849: 373 (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 538 (*Laphria*); Williston, 1891: 80 (cat.; *Andrenosoma*); Kertész, 1909: 197 (*Nusa*); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 354; Martin & Papavero, 1970: 45 (cat.). Type, BMNH (abdomen lacking).

amanda Aldrich, 1905: 272 (cat.; *Laphria*), error.

servillei (Macquart), 1838: 79 (1839: 195), pl. 7, figs. 5, 5a (*Phoneus*). Type-locality: "Brazil". Refs. – Walker, 1855: 573 (*Phoneus*); Williston, 1891: 82 (cat.); Kertész, 1909: 171 (cat.); Bromley, 1946: 111 (cat.); Hull, 1962 (1): 354, figs. 650, 1236, 1245; Martin & Papavero, 1970: 45 (cat.). Syntypes, lost.

?*mustela* Hermann, 1912: 269, fig. 86. Type-locality: "Surinam (female); Brazil, Rio Grande do Sul (male)". Refs. – Bromley, 1946: 111 (cat.); Hull, 1962 (1): 354, fig. 273; Artigas, Papavero & Pimentel, 1988: 225, figs. 43-44. Syntypes, MUN.

Unrecognized species of *Laphriinae* (asterisk (*) indicates that the type is lost)

albitibialis Macquart, 1847: 54 (1847: 38) (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 535 (*Laphria*); Williston, 1891: 79 (cat.; *Laphria*); Kertész, 1909: 176 (*Laphria*); Bromley, 1946: 111 (cat.; *Laphria*); Hull, 1962 (1): 323; Martin & Papavero, 1970: 37 (cat.; *Laphria*). Type, OXF.

albitibia Macquart, 1848: 185 (1848: 25), pl. 2, fig. 6 (*Laphria*). Type-locality: "Brazil" and "Rio Negro".

***appendiculata** Macquart, 1846: 204 (1846: 76), pl. 8, fig. 1 (*Atomosia*). Type-locality: French Guiana, Cayenne. Refs. – Walker, 1855: 569 (*Atomosia*); Williston, 1891: 77 (cat.; *Atomosia*); Kertész, 1909: 163 (cat.; *Atomosia*); Hull, 1962 (1): 373 (*Atomosia*); Martin & Papavero, 1970: 46 (cat.; *Atomosia*).

***bimaculata** Walker, 1855: 534, 550 (*Laphria*). Type-locality: Brazil, "Amazon". Refs. – Williston, 1891: 79 (cat.; *Laphria*); Bromley, 1946: 111 (cat.; *Laphria*); Martin & Papavero, 1970: 37 (cat.; *Laphria*). [The two specimens under this name in the BMNH do not agree with the original description and are therefore not the types].

dentipes Fabricius, 1805: 162 (*Laphria*). Type-locality: "South America (Smidt)" [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Refs. – Kertész, 1909: 180 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*). Syntypes, COPN, KIEL (in bad condition) [cf. Zimsen, 1964: 469].

dichroa Wiedemann, 1828: 526 (*Laphria*). Type-locality: "Brazil" [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1855: 693 (*Laphria*); Schiner, 1866: 693 (*Laphria*); Williston, 1891: 79 (cat.; *Laphria*); Bromley, 1946: 111 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 180 (cat.; *Laphria*). Type in SENCK [cf. Geller-Grimm, 1999: 208; badly damaged, without head. An unrecognizable *Atomosiini*].

glauca Enderlein, 1914a: 251 (*Laphria*). Type-locality: Ecuador, Coca, Archidona and Canelos; Peru, Junín, Chanchamayo; Peru, Loreto, Pebas (as Brazil, Amazonas, in error). Refs. – Bromley, 1946: 111 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 180 (cat.; *Laphria*); Lamas M., 1972: 308 (cat.; *Laphria* (*Laphria*)). Syntypes, IZPAN, SMTD [cf. Kallweit, 1992: 195].

***limbata** Macquart, 1834: 287 (*Laphria*). Type-locality: French Guiana, Cayenne. Refs. – Walker, 1855: 539 (*Laphria*); Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 164 (cat.; *Atomosia*); Hull, 1962 (1): 373 (*Atomosia*); Martin & Papavero, 1970: 46 (cat.; *Atomosia*).

***modesta** Philippi, 1865: 685, fig. (*Laphria*). Type-locality: Chile, Santiago. Refs. – Schiner, 1866: 706 (*Laphria*); Lynch Arribálzaga, 1882: 144 (*Atomosia*); Williston, 1891: 78 (cat.; *Atomosia*); Kertész, 1909: 164 (cat.; *Atomosia*); Stuardo Ortiz, 1946: 83 (cat.; *Atomosia*); Hull, 1962 (1): 373 (*Atomosia*); Artigas, 1970a: 373; Martin & Papavero, 1970: 47 (cat.; *Atomosia*). Type, lost.

***pilipes** Macquart, 1834: 282 (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 537 (*Laphria*); Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 192 (cat.; *Laphria*); Bromley, 1946: 110 (cat.; *Andrenosoma*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*).

***proxima** Walker, 1855: 537 (*Laphria*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 192 (cat.; *Laphria*); Bromley, 1946: 111 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*).

pusilla Wiedemann, 1828: 532 (*Laphria*). Type-locality: "Brazil". Refs. – Walker, 1855: 568 (*Atomosia*); Schiner, 1866: 568

(*Laphria*); Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 192 (cat.; *Laphria*); Bromley, 1946: a 111 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*). Type, SENCK [cf. Geller-Grimm, 1999: 213]. (Unrecognized *Atomosiini*).

rubescens Bigot, 1878: 225 (*Laphria*). Type-locality: “Colombia”. Refs. – Osten Sacken, 1891: 119 (*Laphria*); Kertész, 1909: 192 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*).

***sericans** Walker, 1860: 282 (*Atomosia*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 269 (cat.; *Atomosia*); Kertész, 1909: 155 (cat.; *Atomosia*); Hull, 1962 (1): 373 (*Atomosia*); Martin & Papavero, 1970: 47 (cat.; *Atomosia*); Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.).

transatlantica Schiner, 1868: 173 (*Laphria*). Type-locality: “Venezuela”. Refs. – Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 195 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*). Syntypes, NMW.

***triligata** Walker, 1861: 281 (*Laphria*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 273 (cat.; *Laphria*); Kertész, 1909: 195 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*); Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.). Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.).

***venezuelensis** Macquart, 1846: 202 (1846: 74), pl. 7, fig. 15 (*Laphria*). Type-locality: “Venezuela”. Refs. – Walker, 1855: 536 (*Laphria*); Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 196 (*Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*).

***violacea** Macquart, 1846: 202 (1846: 74) (*Laphria*). Type-locality: “Colombia”. Refs. – Walker, 1855: 534 (*Laphria*); Williston, 1891: 80 (cat.; *Laphria*); Kertész, 1909: 196 (cat.; *Laphria*); Hull, 1962 (1): 323 (*Laphria*); Martin & Papavero, 1970: 38 (cat.; *Laphria*).

Subfamily Laphystiinae Hendel, 1936

Prytaninae Hermann, 1920: 167, 168.

Laphystiini Hendel, 1936: 1923. Type-genus, *Laphystia* Loew, 1847.

Hoplistomerinae Enderlein, 1936: 91, 94. Type-genus, *Hoplistomerus* Macquart, 1838.

Laphystiinae Papavero, 1973a: 232, 243.

Genus *Apoxyria* Schiner, 1866

Apoxyria Schiner, 1866: 674. Type-species, *Apoxyria apicata* Schiner, 1866 (orig. des.).

americana Carrera, 1955a: 109, figs. 3-6. Type-locality: Brazil, Distrito Federal, Corumbá de Goiás (Fazenda Monjolinho). Distr. – Brazil (Distrito Federal). Refs. – Hull, 1962 (1): 82 (*Helolaphyctis*); Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 8, figs. 7-8, 36, 64-68, 69-70. Type, MZUSP.

apicata Schiner, 1866: 682. Type-locality: not stated (Brazil, São Paulo, Ipanema, in TP label). Distr. – Brazil (São Paulo). Refs. – Hermann, 1905: 31; Kertész, 1909: 159 (cat.); Hull, 1962 (1): 103, figs. 35, 454, 859, 868, 1563, 1769; Martin & Papavero, 1970: 11 (cat.); Artigas, Papavero & Costa, 1997: 8. Type, NMW.

Genus *Asicya* Lynch Arribálzaga, 1880

Asicya Lynch Arribálzaga, 1880: 224. Type-species, *Asicya fasciata* Lynch Arribálzaga, 1880 (mon.). Ref. – Artigas, Papavero & Costa, 1997: figs. 27-28, 46, 50B, 121-124, 125-126.

fasciata Lynch Arribálzaga, 1880: 227. Type-locality: Argentina, Buenos Aires, Baradero. Distr. – Argentina (Buenos Aires). Refs. – Lynch Arribálzaga, 1883a: 145 (cat.); Williston, 1891: 81 (cat.); Hermann, 1908: 154, fig. 3; Kertész, 1909: 158 (cat.; *Laphystia*); Hull, 1962 (1): 76 (*Laphystia*); Martin & Papavero, 1970: 9 (cat.; *Laphystia*); Artigas, Papavero & Costa, 1997: 8. Type, MACN (in very poor condition).

Genus *Chrysotriclis* Artigas, Papavero & Costa, 1997

Chrysotriclis Artigas, Papavero & Costa, 1997: 6. Type-species, *Chrysotriclis willinkinorum* Artigas, Papavero & Costa, 1997 (orig. des.).

Papavero

willinkinorum Artigas, Papavero & Costa, 1997: 6, figs. 31-32, 48, 133-136, 137-138. Type-locality: Argentina, Misiones, Loreto. Distr. – Argentina (Formosa, Misiones). Type, MZUSP.

Genus **Cochleariocera** Artigas, Papavero & Costa, 1997

Cochleariocera Artigas, Papavero & Costa, 1997: 7. Type-species, *Cochleariocera neusae* Artigas, Papavero & Costa, 1997 (orig. des.).

neusae Artigas, Papavero & Costa, 1997: 8, figs. 19-20, 42, 1104-10500-103,. Type-locality: Brazil. Goiás, lago Rico, rio Araguaia. Distr. – Brazil (Distrito Federal, Goiás). Type, MZUSP.

Genus **Cymbipyga** Artigas, Papavero & Costa, 1997

Cymbipyga Artigas, Papavero & Costa, 1997: 8. Type-species, *Apoxyria cymbafera* Artigas, 1983 (orig. des.).

cymbafera (Artigas), 1983: 28, figs. 1-16 (*Apoxyria*; as *cymbafer*, error). Type-locality: Chile, Santiago, Colina, El Portezuelo. Distr. – Chile (Santiago). Ref. – Artigas, Papavero & Costa, 1997: 9, figs. 11-12, 38. 38A, 75-78, 79-80. Type, DZUC.

Genus **Gymnotriclis** Artigas, Papavero & Costa, 1997

Gymnotriclis Artigas, Papavero & Costa, 1997: 9. Type-species, *Gymnotriclis coscaronorum* Artigas, Papavero & Costa, 1997 (orig. des.).

coscaronorum Artigas, Papavero & Costa, 1997: 10, figs. 29-30, 47, 127-130, 131-132. Type-locality: Venezuela, Santa Ana, Tacarigua. Distr. – Panama, Venezuela. Type, MZUSP.

Genus **Helolaphyctis** Hermann, 1920

Helolaphyctis Hermann, 1920: 193. Type-species, *Helolaphyctis modesta* Hermann, 1920 (orig. des.).

Refs. – Hull, 1962 (1): figs. 39, 536, 861, 870, 1676, 1878, 1929; Artigas, Papavero & Costa, 1997: figs. 5-6, 35, 57-61, 62-63.

chrysorhea Hull, 1958f: 97. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (Santa Catarina). Refs. – Martin & Papavero, 1970: 9 (cat.); Artigas, Papavero & Costa, 1997: 10. Type, Hull Coll.

modesta Hermann, 1920: 194, *nomen nudum*. Ref. – Hull, 1962 (1): 82.

nitida Hull, 1958d: 162 (as *nitidus*, error). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (Santa Catarina). Refs. – Martin & Papavero, 1970: 9 (cat.); Artigas, Papavero & Costa, 1997: 10. Type, BMNH.

Genus **Hexameritia** Speiser, 1920

Eutrichodes Hermann, 1920: 190 (preocc. Warren, 1891). Type-species, *Dasygogon micans* Philippi, 1865 (orig. des.).

Hexameritia Speiser, 1920: 447 (*nom. nov.* for *Eutrichodes* Hermann, 1920). Type-species, *Dasygogon micans* Philippi, 1865 (aut.).

micans (Philippi), 1865: 690, fig. (*Dasygogon*). Type-locality: Chile, Santiago. Neotype-locality: Chile, Linares, Cordillera Parral. Distr. – Chile (Aconcagua, Concepción, Coquimbo, Curicó, Linares, Ñuble, O'Higgins, Santiago, Valparaíso). Refs. – Bigot, 1878: 220 (*Dasypecus*); Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 90 (*Dasypecus*); Hermann, 1920: 190 (*Eutrichodes*); Stuardo Ortiz, 1946: 82 (cat.; *Dasypecus*); Hull, 1962 (1): 83; Artigas, 1970a: 121, figs. 34-41, 474; Martin & Papavero, 1970: 9 (cat.); Artigas, 1971: 16, figs. 26-27; Artigas, Papavero & Costa, 1997: 10, figs. 3-4,

- 34, 53-56. Type, lost. NT DZUC [des. by Artigas, 1970a: 122].
splendens Philippi, 1865: 690 (*Dasygogon*). Type-locality: Chile, Choapa, Illapel. Refs. – Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 132 (cat.; *Dasygogon*); Hull, 1962 (1): 83, fig. 425; Martin & Papavero, 1970: 9 (syn.). Type, lost.
tricolor Schiner, 1868: 162 (*Triclis*). Type-locality: “Chile”. Refs. – Bigot, 1878: 221 (*Triclis*); Williston, 1891: 72 (cat.; *Triclis*); Kertész, 1909: 98 (cat.; *Triclis*); Hull, 1962 (1): 83, figs. 32, 420, 862, 871; Martin & Papavero, 1970: 9 (syn.). Type, NMW.

Genus *Laphygmolestes* Hull, 1962

Laphygmolestes Hull, 1962 (1): 76. Type-species, *Laphygmolestes flavipes* Hull, 1962 (orig. des.).

flavipes Hull, 1962 (1): 78. Type-locality: Brazil, Mato Grosso do Sul, Corumbá. Distr. – Brazil (Mato Grosso do Sul). Refs. – Martin & Papavero, 1970: 9 (cat.); Artigas, Papavero & Costa, 1997: 11, figs. 9-10, 37, 71-74. Type, not in COR.

Genus *Laphystia* Loew, 1847

Laphystia Loew, 1847: 538. Type-species, *Laphystia sabulicola* Loew, 1847 (mon.).

opaca Coquillett, 1904b: 180. Type-locality: U. S. A., Texas. Distr. – U. S. A. (Louisiana, Texas), Mexico (Tamaulipas, Veracruz). Refs. – Back, 1909: 229; Curran, 1930b: 12 (in key), 14; Bromley, 1935c: 3; Wilcox, 1960: 341, fig. 2; Hull, 1962 (1): 76; Martin & Wilcox, 1965: 376 (cat.); Martin & Papavero, 1970: 9 (cat.). Type, USNM.

sillersi Hull, 1963: 202. Type-locality: U. S. A., Arizona. Distr. – U. S. A. (Arizona), Mexico (Sonora). Ref. – Martin & Wilcox, 1965: 377 (cat.).

sonora Wilcox, 1960: 343, fig. 1. Type-locality: Mexico, Sonora, La Cholla. Distr. – Mexico (Sonora). Refs. – Martin & Papavero, 1970: 9 (cat.); Artigas, Papavero & Costa, 1997: 11. Type, CU.

Genus *Macahyba* Carrera, 1947

Macahyba Carrera, 1947c: 203. Type-species, *Macahyba nordestina* Carrera, 1947 (orig. des.).

nordestina Carrera, 1947c: 205, figs. 1-9. Type-locality: Brazil, Ceará, Icó. Distr. – Brazil (Ceará). Refs. – Hull, 1962 (1): 90, figs. 445, 876, 885; Martin & Papavero, 1970: 9 (cat.); Artigas, Papavero & Costa, 1997: 11, figs. 15-16, 40, 50A, 88-91, 92-93. Type, MZUSP.

Genus *Martinomyia* Özdikmen, 2006

Martinia Hull, 1962 (1): 91 (preocc M’Coy, 1844). Type-species, *Martinia moloch* Hull, 1962 (orig. des.).

Martinomyia Özdikmen, 2006: 93, **nom. nov.** for *Martinia* Hull, 1962. Type-species, *Martinia moloch* Hull, 1962 (aut.).

Ref. – Artigas, Papavero & Costa, 1997: figs. 17-18, 41, 94, 97, 98-99.

moloch (Hull), 1962 (1): 92 (*Martinia*). Type-locality: Bolivia, Camamina [?]. Distr. – Bolivia. Refs. – Martin & Papavero, 1970: 10 (cat.; *Martinia*); Artigas, Papavero & Costa, 1997: 11 (*Martinia*); Özdikmen, 2006: 94 (n. comb.). Type, USNM.

scalaris (Hermann), 1908: 157, fig. 4 (*Laphystia*). Type-locality: Peru, mouth of Pachitea river, 150 m. Distr. – Peru, Argentina. Refs. – Curran, 1930b: 11 (in key), 18 (*Laphystia*); Engel, 1930: 468; Martin & Papavero, 1970: 10 (cat.; *Macahyba*); Lamas M., 1972: 305 (cat.; *Laphystia*); Fisher, 1984: 30 (*Martinia*); Artigas, Papavero & Costa, 1997: 11 (*Martinia*); Özdikmen, 2006: 94 (n. comb.). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 197].

schnusei (Hermann), 1908: 159, figs. 5-6, pl. 4, fig. 2 (*Laphystia*). Type-locality: Peru, Ucayali river, 300 m. Distr. – Peru. Refs. – Hull, 1962 (1): 76 (*Laphystia*); Martin & Papavero, 1970: 9 (cat.; *Laphystia*); Lamas M., 1972: 306 (cat.; *Macahyba*); Fisher, 1984: 30 (*Martinia*); Artigas, Papavero & Costa, 1997: 11 (?*Macahyba*). Syntypes, MUN, TP SMTD [cf.

Kallweit, 1992: 198]. **N. comb.**

Genus **Perasis** Hermann, 1905

Perasis Hermann, 1905: 37. Type-species, *Perasis sareptana* Hermann, 1905 (orig. des.). Ref. – Artigas, Papavero & Costa, 1997: figs. 25-26, 45, 119-120.

argentifacies (Williston), 1901: 310, pl. 5, fig. 22 (*Triclis*). Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 257 (cat.; *Triclis*); Kertész, 1909: 98 (cat.; *Triclis*); Carrera & d'Andretta, 1950: 159, figs. 8, 24 (*Triclis*); Hull, 1962 (1): 86 (*Triclis*); Martin & Wilcox, 1965: 382 (cat.); Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 11; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, BMNH.

Genus **Protometer** Artigas, Papavero & Costa, 1997

Protometer Artigas, Papavero & Costa, 1997: 11. Type-species, *Protometer evae* Artigas, Papavero & Costa, 1997 (orig. des.).

bokermanni Artigas, Papavero & Costa, 1997: 121, fig. 110. Type-locality: Brazil, Mato Grosso, São Domingos. Distr. – Brazil (Mato Grosso). Type, MZUSP.

evae Artigas, Papavero & Costa, 1997: 12, figs. 21-22, 43, 106-109, 110, 111-112. Type-locality: Brazil, Amazonas, Paraná da Eva. Distr. – Brazil (Amazonas). Type, MZUSP.

Genus **Psilocurus** Loew, 1874

Psilocurus Loew, 1874: 373. Type-species, *Psilocurus nudiusculus* Loew, 1874 (mon.).

Orthoneuromyia Williston, 1893a: 67. Type-species, *Orthoneuromyia modesta* Williston, 1893 (mon.).

Ref. – Artigas, Papavero & Costa, 1997: figs. 13-14, 39, 81-85, 86-87.

camposi Curran, 1931b: 8. Type-locality: Ecuador, Guayas, Guayaquil. Distr. – Ecuador. Refs. – Hull, 1962 (1): 91; Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53. Type, AMNH.

caudatus Williston, 1901: 308, pl. 5, fig. 20. Type-locality: Mexico, Guerrero: Chilpancingo, Amula and Tepetlapa. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 257 (cat.); Kertész, 1909: 86 (cat.); Curran, 1930b: 8 (in key); Carrera & d'Andretta, 1950: 160, figs. 6, 20; Hull, 1962 (1): 91; Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, BMNH.

puellus Bromley, 1934a: 92. Type-locality: U. S. A., Texas, Bexar County. Distr. – U. S. A. (Arizona, New Mexico, Texas), Mexico (Sonora). Refs. – Hull, 1962 (1): 91; Martin & Wilcox, 1965: 382 (cat.); Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53.

reinhardi Bromley, 1951: 16. Type-locality: U. S. A., Texas, Bexar County. Distr. – U. S. A. (Texas). Refs. – Hull, 1962 (1): 91; Martin & Wilcox, 1965: 382 (cat.). Type, AMNH.

Genus **Triclioscelis** Roeder, 1900

Triclioscelis Roeder, 1900: 337. Type-species, *Triclioscelis burmeisteri* Roeder, 1900 (sub. des., Hermann, 1920: 183).

Ref. – Curran, 1934a: 2 (key to spp.).

burmeisteri Roeder, 1900: 337. Type-locality: Argentina, Tucumán. Distr. – Argentina (Tucumán). Refs. – Kertész, 1909: 99 (cat.); Engel, 1930: 468; Curran, 1934a: 2 (in key); Hull, 1962 (1): 99, figs. 1670, 1689; Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53.

femorata Roeder, 1900: 339. Type-locality: Argentina, Santa Fe. Distr. – Paraguay, Argentina (Santa Fe). Refs. – Kertész, 1909: 99 (cat.); Engel, 1930: 468; Curran, 1934a: 2 (in key); Carrera, 1947a: 44; Hull, 1962 (1): 99; Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53, figs. 23-24, 44, 49, 50, 113-116, 117-118.

- perfecta** Curran, 1934a: 2. Type-locality: Ecuador, Guayas, Gulfo de Guyaquil, Puerto Grande, Isla Puná. Distr. – Ecuador. Refs. – Hull, 1962 (1): 99, figs. 41, 427, 893, 902, 1914, 1976; Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53. Type, AMNH.
- salti** (Curran, 1931b: 11 (in key), 18 (*Laphystia*). Type-locality: Colombia, Magdalena, Ciénaga. Distr. – Colombia. Refs. – Curran, 1934a: 2; Hull, 1962 (1): 76 (*Laphystia*); Martin & Papavero, 1970: 10 (cat.); Artigas, Papavero & Costa, 1997: 53. Type, AMNH.

Genus **Zabrops** Hull, 1958

Zabrops Hull, 1958g: 90. Type-species, *Triclis tagax* Williston, 1883 (orig. des.).

Ref. – Fisher, 1977 (rev.).

- janiceae** Fisher, 1977: 211, figs. 55-57, 65, 72-73. Type-locality: Mexico, Baja California, 20 miles west of Bahía de los Ángeles. Distr. – Mexico (Baja California). Ref. – Artigas, Papavero & Costa, 1997: 53. Type, CAS.
- tagax** (Williston), 1883: 9, pl. 1, figs. 6, 6a (*Triclis*). Type-locality: U. S. A., California, Kern County. Distr. – U. S. A. (California). Refs. – Williston, 1886: 37 (*Triclis*); Back, 1909: 231, pl. 9, fig. 3 (*Triclis*); Hull, 1958g: 90, figs. 58, 444, 883, 892 (n. comb.), 1962 (1): 100, figs. 58, 444, 883, 892; Martin & Wilcox, 1965: 386 (cat.); Fisher, 1977: 200, figs. 33-42, 59, 66, 73; Artigas, Papavero & Costa, 1997: 53, figs. 1-2, 33, 51-52. Type, KU.
- ssp. **argutus** Fisher, 1977: 204, figs. 46, 60, 67, 73. Type-locality: Mexico, Baja California, 7 miles northwest of El Rosario. Distr. – Mexico (Baja California). Ref. – Artigas, Papavero & Costa, 1997: 53. Type, CAS.
- thologaster** Fisher, 1977: 210, figs. 52-54, 64, 71, 73. Type-locality: Mexico, Baja California, 0.5 mile northeast of El Molino, Bahía San Quintín. Distr. – Mexico (Baja California). Ref. – Artigas, Papavero & Costa, 1997: 53. Type, CAS.

Unrecognized species of *Laphystiinae*

- columbina** Schiner, 1868: 175 (*Laphystia*). Type-locality: “Colombia”. Refs. – Hull, 1962 (1): 76 (*Laphystia*); Martin & Papavero, 1970: 9 (cat.; *Laphystia*). Type, NMW.
- robusta** Hermann, 1908: 161, fig. 7 (*Laphystia*). Type-locality: Peru, Cuzco, Rosalina, Urubamba river, 700 m. Refs. – Hull, 1962 (1): 76 (*Laphystia*); Martin & Papavero, 1970: 9 (cat.; *Laphystia*); Lamas M., 1972: 305 (*Laphystia*). Syntypes, MUN, SMTD [cf. Kallweit, 1992: 197].

Subfamily **Leptogastrinae** Schiner, 1862

Leptogastrinae Schiner, 1862b: liv. Type-genus, *Leptogaster*
 Leptogasterinae G. H. Hardy, 1926: 306.
 Leptogastridae Martin, 1968a: 70.

Genus **Apachekolos** Martin, 1957

Apachekolos Martin, 1957a: 352. Type-species, *Leptogaster scapularis* Bigot, 1878 (orig. des.).

- clavipes** (Johnson), 1894: 273 (*Leptogaster*; *nom. nov.* for *longipes* Johnson, 1894). Type-locality: “Jamaica”. Distr. – Bahama Is., Jamaica, Dominican Republic. Refs. – Aldrich, 1905: 254 (cat.; *Leptogaster*); Kertész, 1909: 50 (cat.; *Leptogaster*); Johnson, 1919: 430 (*Leptogaster*); Gowdey, 1926: 77 (cat.; *Leptogaster*); Hull, 1962 (1): 299 (*Leptogaster*); Farr, 1963: 18, fig. 11 (n. comb.); Martin, 1968e: 5 (cat.); Scarbrough, Perez-Gelabert & Page, 2005: 32, figs. 1, 7, 13-18, 62. Type, MCZ.
- longipes* Johnson, 1894: 273 (*Leptogaster*; preocc. Walker, 1859). Type-locality: “Jamaica”. Type, MCZ.
- acus* Martin, 1957b: 1, 6 (in key), figs. 1-2. Type-locality: Bahamas, Berry Islands, Little Harbor Cay. Ref. – Farr, 1963: 18 (syn.). Type, AMNH.
- crinita** Martin, 1957a: 354, fig. 1. Type-locality: U. S. A., New Mexico, 8 miles east of Pietown, near the Arizona eastern border. Distr. – U. S. A. (California, New Mexico, Arizona), Mexico (Baja California, Sonora, San Luís Potosí). Refs. – Hull, 1962

- (1): 301 (*Leptogaster (Apachekolos)*); Martin & Wilcox, 1965: 361 (cat.); Martin, 1968e: 5 (cat.). Type, AMNH.
- flaventis** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 32 (in key), 33, figs. 8, 19-21, 62. Type-locality: Dominican Republic, Azua, Loma El Cucurucho, 814 m. Distr. – Dominican Republic. Type, USNM.
- invasus** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 32 (in key), 34, figs. 10, 25-27, 62. Type-locality: Dominican Republic, Montecristi, road 186, road north to Playa Buen Hombre. Distr. – Dominican Republic. Type, USNM.
- magnus** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 32 (in key), 35, figs. 10, 25-27, 62. Type-locality: Dominican Republic, Montecristi, road 186, road to Playa Buen Hombre, 132 m. Distr. – Dominican Republic. Type, USNM.
- scapularis** (Bigot), 1878: 444 (*Leptogaster*). Type-locality: U. S. A., California. Distr. – U. S. A. (California, Texas), Mexico (Baja California Norte, Baja California Sur, Tamaulipas). Refs. – Williston, 1883: 33 (*Leptogaster*); Back, 1909: 169 (*Leptogaster*); Martin, 1957a: 353, fig. 2 (n. comb.); Hull, 1962 (1): 301 (*Leptogaster (Apachekolos)*); Martin & Wilcox, 1965: 361 (cat.). Type, ?.
- volubilis** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 32 (in key), 37, figs. 11, 28-33, 62. Type-locality: Dominican Republic, Peravia, Matadero, start of Hills, 450 m. Distr. – Dominican Republic. Type, USNM.
- vultus** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 31 (in key), 38, figs. 34-39, 62. Type-locality: Dominican Republic, Plata, road 221, 8 km south of Bombita, Puerto. Distr. – Dominican Republic. Type, USNM.

Genus *Beameromyia* Martin, 1957

Beameromyia Martin, 1957a: 355. Type-species, *Leptogaster pictipes* Loew, 1862 (orig. des.).

- chrysops** Martin, 1957a: 356, fig. 12. Type-locality: U. S. A., Florida, Royal Palm Park. Distr. – U. S. A. (Florida), Jamaica. Refs. – Refs. – Hull, 1962 (1): 301 (*Leptogaster (Beameromyia)*); Farr, 1963: 16, fig. 8; Martin & Wilcox, 1965: 361 (cat.); Martin, 1968e: 5 (cat.). Type, KU.
- cubensis** (Bigot), 1857a: 332 (*Gonypes*). Type-locality: “Cuba”. Distr. – Cuba, Puerto Rico (Mona Island). Refs. – Osten Sacken, 1874: 176 (*Leptogaster*); Roeder, 1885: 340 (*Leptogaster*); Aldrich, 1905: 254 (cat.; *Leptogaster*); Kertész, 1909: 51 (cat.; *Leptogaster*); Curran, 1928b: 22; Bromley, 1929a: 274 (*Leptogaster*); Hull, 1962 (1): 299 (*Leptogaster*); Martin, 1968e: 5 (cat.); Alayo Dalmau & García Ávila, 1983: 50; Scarbrough, 1997b: 239, figs. 7-12. Type, MNHNP.
- dicrana** Scarbrough, 1997b: 241, figs. 13-18. Type-locality: Dominican Republic, Pedernales, ca. 35 km north of Cabo Rojo, Las Abejas, 1250 m. Distr. – Dominican Republic. Ref. – Scarbrough, Perez-Gelabert & Page, 2005: 31 (in key), 39, figs. 2, 40-42, 62. Type, USNM.
- dorsalis** (Williston), 1901: 301 (*Leptogaster*). Type-locality: Mexico, Guerrero, Xucumanatlán. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 254 (cat.; *Leptogaster*); Kertész, 1909: 52 (cat.; *Leptogaster*); Hull, 1962 (1): 299 (*Leptogaster*); Martin, 1968e: 5 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- graminicola** Farr, 1963: 16, figs. 9-10. Type-locality: Jamaica, Kingston, Palisadoes. Distr. – Jamaica. Refs. – Martin, 1968e: 5 (cat.); Scarbrough, 1997b: 241. Type, USNM.
- incisuralis** Scarbrough & Page *in* Scarbrough, Perez-Gelabert & Page, 2005: 31 (in key), 41, figs. 3, 43-50, 63. Type-locality: Dominican Republic, Pedernales, Upper Las Abejas, 38 km north-northwest of Cabo Rojo, 1350 m. Distr. – Dominican Republic. Type, CMNH.
- insulara** Martin, 1957b: 3, 6 (in key), fig. 3. Type-locality: Bahama Islands, Turks and Caicos Island, West Caicos Island. Distr. – Bahama Islands. Ref. – Scarbrough, 1997b: 242, figs. 19-20. Type, AMNH.
- insularia* Martin, 1968e: 5 (cat.), error.
- macula** Martin, 1957: 360, fig. 15. Type-locality: U. S. A., Arizona, Ruby. Distr. – U. S. A. (Arizona), Mexico (Coahuila). Refs. – Linsley & Cazier, 1963: 117 (biol.); Martin & Wilcox, 1965: 362 (cat.). Type, KU.
- melana** Scarbrough, 1997b: 238, figs. 1-6. Type-locality: Dominican Republic, Jarabacoa. Distr. – Dominican Republic, Haiti. Ref. – Scarbrough, Perez-Gelabert & Page, 2005: 30 (in key), 43, fig. 63. Type, USNM.
- punicea** Martin, 1957a: 362, fig. 13. Type-locality: U. S. A., Arizona, Santa Rita Mountains, Madera Canyon. Distr. – U. S. A. (Arizona), Mexico (Chiapas). Refs. – Martin & Wilcox, 1965: 362 (cat.); Martin, 1968e: 5 (cat.). Type, KU.
- quaterna** Scarbrough, 1997b: 243, figs. 21-29. Type-locality: Puerto Rico, Mona Island, Los Pinos. Distr. – Puerto Rico. Type, USNM.
- virginensis** Scarbrough, 1997: 244, figs. 30-37. Type-locality: . Virgin Islands, Guana Island Distr, – Virgin Islands. Type, USNM.

Genus *Eurhabdus* Aldrich, 1923

Eurhabdus Aldrich, 1923: 2. Type-species, *Eurhabdus zephyreus* Aldrich, 1923 (orig. des.).

- jamaicensis** Farr, 1973: 324, figs. 1-4. Type-locality: Jamaica, Portland, Hardwar Gap, Green Hills. Distr. – Jamaica. Type, USNM.
- longissimus** Tomasovic, 2002: 88, fig. 2. Type-locality: French Guiana, Montagne de Kaw, Relais Patawa. Distr. – French Guiana. Type, FUSAGembloux.
- sororius** Scarbrough & Perez-Gelabert *in* Scarbrough, Perez-Gelabert & Page, 2005: 30 (in key), 44, figs. 4, 51-52, 63. Type-locality: Dominican Republic, Pedernales, 26 km north of Cabo Rojo, 730 m. Distr. – Dominican Republic. Type, CMNH.
- sp.** Farr, 1963: 29, fig. 12. Jamaica.
- zephyreus** Aldrich, 1923: 3, figs. 1-3. Type-locality: Costa Rica, San Mateo, Higuito. Distr. – Costa Rica (San Mateo). Refs. – Hull, 1962 (1): 317, figs. 587, 1196, 1205, 2037; Martin, 1968e: 6 (cat.). Type, USNM.

Genus *Leptogaster* Meigen, 1803

- Leptogaster** Meigen, 1803: 269. Type-species, *Asilus tipuloides* Linnaeus, 1758 (mon.; misident.) = *Leptogaster cylindrica* (De Geer, 1776).
- Gonypes* Latreille, 1805: 309. Type-species, *Asilus tipuloides* Linnaeus, 1758 (mon.; misident.) = *Leptogaster cylindrica* (De Geer, 1776).

One species known as fossil: *Leptogaster prior* Melander (1947: 44) (Oligocene; U. S. A., Colorado).

- aegra** Martin, 1957a: 381, fig. 53. Type-locality: U. S. A., North Carolina, Raleigh. Distr. – U. S. A. (Missouri, North Carolina, South Carolina, Florida), Mexico (San Luis Potosí). Refs. – Hull, 1962 (1): 298; Martin & Wilcox, 1965: 362 (cat.). Type, NCDA.
- annulipes** Walker, 1855: 309. Type-locality: Brazil, Pará [i. e., Pará, Belém]. Distr. – Brazil (Pará). Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 50 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 2 (cat.).
- apicalis** Enderlein, 1914b: 153. Type-locality: Ecuador, Tungurahua: Hacienda Santa Inés, 1244 m (1025°S, 78012°W) [cf. Brown, 1941: 846]. Distr. – Ecuador. Refs. – Hull, 1962 (1): 299; Martin, 1968e: 2 (cat.). Type, IZPAN.
- arenicola** James, 1937: 13. Type-locality: U. S. A., Colorado. Distr. – U. S. A. (Colorado, Nebraska), Mexico (Coahuila). Ref. – Baker, 1939: 167; Martin, 1957a: 370, fig. 41; Hull, 1962 (1): 299; Martin & Wilcox, 1965: 362 (cat.).
- bahamiensis** Scarbrough, 1996: 194, figs. 1-8. Type-locality: Bahama Islands, Grande Bahama Island, Freeport. Distr. – Bahamas, Cuba. Type, USNM.
- basalis** Walker, 1855: 770. Type-locality: Brazil, Amazonas, Tefé (as Ega). Distr. – Brazil (Amazonas). Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 50 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 2 (cat.).
- bengryi** Farr, 1963: 10, figs. 4, 5b. Type-locality: Jamaica, Portland, Hardwar Gap, trail to Caledonia Peak. Distr. – Jamaica. Ref. – Martin, 1968e: 3 (cat.). Type, USNM.
- bicolor** (Macquart), 1848: 191 (1848: 31) (*Gonypes*). Type-locality: “Rio Negro”. Refs. – Walker, 1855: 771; Williston, 1891: 68 (cat.); Kertész, 1909: 50 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.).
- cingulipes** Walker, 1849: 131. Type-locality: Brazil, “Amazon”. Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 50 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, ? lost.
- clavistylus** (Rondani), 1848: 96 (*Gonypes*, as *clavistilus*). Type-locality: “Brazil” [Belém, Pará; cf. Papavero, 1973d: 343]. Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 51 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.).
- concinata** Williston, 1901: 300. Type-locality: Mexico, Guerrero, Omiltemi. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 51 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- crocea** Williston, 1901: 300. Type-locality: Mexico, Guerrero, Omiltemi. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 51 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- distincta** Schiner, 1867: 375. Type-locality: “Brazil”. Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 52 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, NMW.
- ferruginea** Walker, 1855: 771. Type-locality: Brazil, Pará [i. e., Pará, Belém]. Distr. – Brazil (Pará). Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 52 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, BMNH.
- fervens** Wiedemann, 1830: 646. Type-locality: “Mexico”. Refs. – Schiner, 1866: 694; Osten Sacken, 1874: 176; Aldrich, 1905: 254 (cat.); Kertész, 1909: 52 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.); Papavero & Ibáñez Bernal, 2001: 75 (hist. Mexican dipterol.). Type, BZM [no. 646; cf. Schumann, 1973: 110].
- truquii** Bellardi, 1861: 187 (87), pl. 2, fig. 18. Type-locality: Mexico, Morelos, Yantepec (as Jantepec). Refs. – Osten Sacken, 1874: 176 (*Leptogaster*); Aldrich, 1905: 254 (cat.); Kertész, 1909: 57 (cat.); Hull, 1962 (1): 299; Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- hyacinthina** Scarbrough, 1996: 197, figs. 9-16. Type-locality: Dominican Republic, Pedernales, 3.3 km northeast of Los Arroyos. Distr. – Dominican Republic. Ref. – Scarbrough, Perez-Gelabert & Page, 2005: 31 (in key), 45, fig. 63. Type, CMNH.

- intima** Williston, 1901: 301. Type-locality: Mexico, Guerrero, Xucumanatlán. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 54 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- jamaicensis** Farr, 1963: 9, figs. 3, 5c. Type-locality: Jamaica, St. Thomas, Morant Bay road, 14.5 miles east of Kingston. Distr. – Jamaica. Ref. – Martin, 1968e: 3 (cat.). Type, USNM.
- kamerlacheri** Schiner, 1867: 358. Type-locality: “Brazil”. Refs. – Kertész, 1909: 54 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, NMW (abdomen missing). Type, NMW.
kamerlocheri Williston, 1891: 68 (cat.), error.
- lernerii** Curran, 1953: 1. Type-locality: Bahama Islands, South Bimini Island. Distr. – U. S. A. (Florida), Bahamas (South Bimini). Refs. – Hull, 1962 (1): 299; Martin, 1957b: 4, 6 (in key), fig. 4, 1968: 3 (cat.). Type, AMNH.
- lineata** Scarbrough, 1996: 200, figs. 17-22 (as *lineatus*, error). Type-locality: Dominican Republic, Pedernales, 35 km north-northwest of Cabo Rojo, 1430 m. Distr. – Dominican Republic. Ref. – Scarbrough, Perez-Gelabert & Page, 2005: 31 (in key), 45, figs. 12, 53-55, 63. Type, USNM.
- martini** Farr, 1963: 13, figs. 6-7. Type-locality: Jamaica, St. Thomas, 12.5 miles east of Kingston, Morant Bay road. Distr. – Jamaica. Ref. – Martin, 1968e: 3 (cat.). Type, USNM.
- micropygialis** Williston, 1901: 301. Type-locality: Mexico, Guerrero, La Venta. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 54 (cat.); Hull, 1962 (1): 302 (*Psilonyx*); Martin, 1968e: 3 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- multicincta** Walker, 1851: 155. Type-locality: “South America”. Type, BMNH. Refs. – Walker, 1855: 772; Williston, 1891: 68 (cat.); Kertész, 1909: 54 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, BMNH.
- nigra** Wiedemann, 1828: 533. Type-locality: “Brazil”. Refs. – Walker, 1855: 770; Schiner, 1866: 694, 1867: 356; Williston, 1891: 68 (cat.); Kertész, 1909: 54 (cat.); Bromley, 1946: 105 (cat.); Carrera, 1947d: 266 (preys); Carrera & d’Andretta, 1961: 67 (misident?; preys); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, SENCK [cf. Geller-Grimm, 1999: 212].
- nubeculosa** Bigot, 1878: 455. Type-locality: “Colombia”. Refs. – Williston, 1891: 68 (cat.); Kertész, 1909: 55 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, OXF.
- obscuripes** Loew, 1862: 191 (Cent. 2, no. 13). Type-locality: “Cuba” [Gundlach; cf. Papavero, 1971e: 181-183]. Distr. – U. S. A. (Florida), Cuba. Refs. – Osten Sacken, 1874: 176; Aldrich, 1905: 254 (cat.); Kertész, 1909: 55 (cat.); Bromley, 1929a: 273, fig. 1, pl. 1, fig. 16; Martin, 1957a: 366; Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 50 (cat.); Scarbrough, 1996: 202. Syntypes, MCZ, BZM [no. 6492; cf. Schumann, 1973: 140].
ramoni Jaenicke, 1867: 354. Type-locality: “Cuba”. Type, SENCK [cf. Geller-Grimm, 1999: 213].
- pubescens** Curran, 1934c: 323. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica. Distr. – Guyana. Refs. – Hull, 1962 (1): 299; Martin, 1968e: 3 (cat.). Type, ANSP.
- roederii** Williston, 1896a: 305, pl. 11, fig. 80. Type-locality: West Indies, St. Vincent Island. Distr. – St. Vincent Island. Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 56 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.); Scarbrough, 1996: 203, fig. 23. Lectotype BMNH [des. by Scarbrough, 1996: 203].
- rubida** Wiedemann, 1821: 242. Type-locality: “Brazil” [Freyreiss; cf. Papavero, 1971e: 57-58]. Refs. – Wiedemann, 1828: 533; Walker, 1855: 649; Schiner, 1866: 694; Williston, 1891: 69 (cat.); Kertész, 1909: 56 (cat.); Martin, 1968e: 4 (cat.); Geller-Grimm, 1999: 214 (material in SENCK). Syntypes, NMW, BZM [no. 9975; cf. Schumann, 1973: 152].
testacea Loew of Williston, 1901: 299, misident.
- spinitarsis** Bromley, 1951: 3. Type-locality: Panama, Canal Zone, Barro Colorado Island. Distr. – Panama (Canal Zone). Refs. – Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.). Type, USNM.
- titanus** Carrera, 1958a: 147, figs. 6-7. Type-locality: Brazil, São Paulo, Salesópolis. Distr. – Brazil (São Paulo, Santa Catarina). Ref. – Martin, 1968e: 4 (cat.). Type, MZUSP.
- tornowii** Brèthes, 1904: 337. Type-locality: “Argentina”. Refs. – Kertész, 1909: 56 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.).
- triungulata** Williston, 1901: 299, pl. 5, figs. 13, 13a. Type-locality: Mexico, Guerrero, Amula. Distr. – Mexico (Guerrero, Morelos). Refs. – Aldrich, 1905: 254 (cat.); Kertész, 1909: 57 (cat.); Hull, 1962 (1): 299; Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
triangulata Martin, 1968e: 4 (cat.), error.
- tropica** Curran, 1934c: 329. Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Distr. – Guyana. Refs. – Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.). Type, AMNH.
- vitripennis** Schiner, 1867: 356. Type-locality: “Brazil”. Distr. – Brazil (Santa Catarina). Refs. – Williston, 1891: 69 (cat.); Kertész, 1909: 57 (cat.); Bromley, 1946: 105 (cat.); Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.). Type, NMW.
- vorax** Curran, 1934c: 329. Type-locality: Guyana, Potaro-Siparuni, Tumatumari. Distr. – Guyana. Refs. – Hull, 1962 (1): 299; Martin, 1968e: 4 (cat.). Type, AMNH.

Genus *Leptopteromyia* Williston, 1907

Leptopteromyia Williston, 1907: 1. Type-species, *Leptopteromyia gracilis* Williston, 1907 (sub. mon., Williston, 1908: 195,

figs. 35, 77).

Ref. – Martin, 1971 (key to spp.).

- argentinae** Martin, 1972: 270. Type-locality: Argentina, Tucumán, Dique El Cadillal [as Divo Codillal, error]. Distr. – Argentina (Tucumán). Type, IML.
argentinae Martin, 1971: 266 (only in key, without description), *nomen nudum*.
- brasiliae** Martin, 1971: 266 (in key), 268. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (São Paulo, Santa Catarina). Type, MZUSP.
- colombiae** Martin, 1971: 266 (in key), 269. Type-locality: Colombia, Cundinamarca, 11 miles west of Congueza, 1340 m. Distr. – Colombia (Cundinamarca). Type, CAS.
- gracilis** Williston, 1907: 195, figs. 35, 77. Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro). Refs. – Carrera, 1947b: 91, figs. 1-7, 94 (puparium); D. E. Hardy, 1947: 72, fig. 2; Hull, 1962 (1): 316; Martin, 1968e: 6 (cat.), 1971: 266 (in key), 267.
willistoni Hermann, 1926a: 143, *nomen nudum*.
- lopesi** Martin, 1971: 266 (in key), 267. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Manguinhos). Distr. – Brazil (Rio de Janeiro).
- mexicanae** Martin, 1971: 266 (in key), 269. Type-locality: Mexico, Sonora, Bahía San Carlos. Distr. – Mexico (Sonora). Type, CAS.
- peruae** Martin, 1971: 266 (mentions specimen bred from Embioptera nests), 266 (in key), 267. Type-locality: Peru, Huánuco, Tingo María. Distr. – Peru (Huánuco). Type, CAS.

Genus *Psilonyx* Aldrich, 1923

Psilonyx Aldrich, 1923: 5. Type-species, *Leptogaster annulatus* Say, 1823 (orig. des.).

- annulatus** (Say), 1823: 75 (1859: 75) (*Leptogaster*). Type-locality: U. S. A., Pennsylvania. Distr. – U. S. A., Central America, Puerto Rico, northern South America. Refs. – Back, 1909: 159 (*Leptogaster*); Aldrich, 1923: 5 (n. comb.); Engel, 1930: 457, fig. 1 (Bolivia, Argentina; misident.); Bromley, 1934c: 164 (*Leptogaster (Psilonyx)*); Bromley, 1950: 230 (*Leptogaster (Psilonyx)*); Martin, 1957a: 352, fig. 25; 1957b: 6 (in key), 7; Hull, 1962 (1): 302; Martin, 1965a: 18; Martin & Wilcox, 1965: 363 (cat.); Martin, 1968e: 4 (cat.).
histrion Wiedemann, 1828: 535 (*Leptogaster*). Type-locality: U. S. A., Pennsylvania.
- arawak** Farr, 1963: 7, fig. 1. Type-locality: Jamaica, St. Andrew, Ferry. Distr. – Jamaica. Ref. – Martin, 1968e: 4 (cat.). Type, USNM.
- macropygialis** (Williston), 1901: 301, pl. 5, fig. 14 (*Leptogaster*). Type-locality: Mexico, Tabasco, Teapa. Distr. – Mexico (Tabasco). Refs. – Aldrich, 1905: 254 (cat.; *Leptogaster*); Kertész, 1909: 54 (cat.; *Leptogaster*); Hull, 1962 (1): 302; Martin, 1968e: 4 (cat.); Papavero & Ibáñez Bernal, 2003: 174 (hist. Mexican dipterol). Type, BMNH.
- magnicauda** (Curran), 1934c: 328 (*Leptogaster*). Type-locality: Guyana, Cuyuni-Mazaruni, Bartica, Kartabo. Distr. – Guyana. Refs. – Hull, 1962 (1): 302; Martin, 1968e: 4 (cat.). Type, AMNH.
- venustus** (Bromley), 1929a: 274, fig. 2 (*Leptogaster*). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Hull, 1962 (1): 299 (*Leptogaster*); Martin, 1968e: 4 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 50 (cat.). Type, MCZ.
- zephyrus** Scarbrough & Page in Scarbrough, Perez-Gelabert & Page, 2005: 30 (in key), 45, figs. 6, 56-61, 63. Type-locality: Dominican Republic, Pedernales, Upper Las Abejas, 38 km north-northwest of Cabo Rojo, 1350 m. Distr. – Dominican Republic. Type, CMNH.

Genus *Schildia* Aldrich, 1923

Schildia Aldrich, 1923: 4. Type-species, *Schildia microthorax* Aldrich, 1823 (orig. des.).

Shannomyioleptus Carrera, 1944: 87. Type-species, *Shannomyioleptus fragilis* Carrera, 1944 (orig. des.).

Ref. – Martin, 1975b (key to spp.).

- alphus** Martin, 1975b: 190 (in key and text). Type-locality: Brazil, Ceará, Cascavel (Sítio B. Vista). Distr. – Brazil (Ceará). Type, MZUSP.
- fragilis** (Carrera), 1944: 87, figs. 1-3 (*Shannomyioleptus*). Type-locality: Brazil, Mato Grosso do Sul, Maracaju. Distr. – Brazil (Mato Grosso do Sul). Refs. – Hull, 1962 (1): 314, figs. 205, 589, 1194, 1203, 1584 (*Schildia (Shannomyioleptus)*); Martin, 1968e: 5 (cat.), 1975b: 190 (in key). Type, MZUSP.
- gracillima** (Walker), 1855: 722 (*Leptogaster*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Distr. – Brazil (Pará). Refs. –

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- Williston, 1891: 68 (cat.; *Leptogaster*); Kertész, 1909: 53 (cat.; *Leptogaster*); Bromley, 1946: 105 (cat.; *Leptogaster*); Hull, 1962 (1): 299 (*Leptogaster*); Martin, 1968e: 5 (cat.), 1975b: 190 (in key). Type, BMNH.
- guatemalae** Martin, 1975b: 190 (in key), 191. Type-locality: Guatemala, Santa Rosa, Guazacápan. Distr. – Guatemala (Santa Rosa). Type, USNM.
- jamaicensis** Farr, 1962: 191, figs. 1-8. Type-locality: Jamaica, St. Andrew, Long Mountain., Distr. – Jamaica. Refs. – Farr, 1963: 19; Martin, 1968e: 5 (cat.), 1975b: 190 (in key). Type, USNM.
- microthorax** Aldrich, 1923: 4. Type-locality: Costa Rica, San Mateo, Higuaito. Distr. – Costa Rica (San Mateo), Peru. Refs. – Hull, 1962 (1): 314, figs. 201, 588, 1192, 1201; Martin, 1968e: 5 (cat.), 1975b: 190 (in key); Fisher, 1984: 289. Type, USNM.
- ocellata** Martin, 1975b: 189 (in key), 192. Type-locality: Brazil, Amapá, rio Amapari. Distr. – Brazil (Amapá). Type, MZUSP.
- zonae** Martin, 1975b: 190 (in key), 192. Type-locality: Panama, Canal Zone, Piña area. Distr. – Panama (Canal Zone). Type, UUEC.

Genus *Systellogaster*, nom. nov.

Systellogaster Hermann, 1926a: 149 (preocc. Gahan, 1917). Type-species, *Euscelidia fascipennis* Schiner, 1867 (orig. des.).
***Systellogaster*, nom. nov.** for *Systellogaster* Hermann, 1912. Type-species, *Euscelidia fascipennis* Schiner, 1867 (aut.).

- alba** (Martin), 1975a: 2 (in key and text) (*Systellogaster*). Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (Santa Catarina). Type, ZSBS. **N. comb.**
- ?breviventris** (Rondani), 1848: 96 (*Gonypes*). Type-locality: “Brazil” [Pará, Belém; cf. Papavero, 1973d: 343]. Refs. – Williston, 1891: 68 (*Leptogaster*); Kertész, 1909: 50 (*Leptogaster*); Bromley, 1946: 105 (cat.; *Leptogaster*); Hull, 1962 (1): 311 (*Systellogaster*); Martin, 1968e: 6 (cat.; *Systellogaster*). Type, **N. comb.**
- calceolata** (Bigot), 1878: 430 (*Lasiocnemus*). Type-locality: Brazil, “Amazon”. Refs. – Williston, 1891: 69 (cat.; *Lasiocnemus*); Kertész, 1909: 57 (*Lasiocnemus*); Bromley, 1946: 105 (cat.; *Lasiocnemus*); Hull, 1962 (1): 311 (*Systellogaster*); Martin, 1968a: 6 (cat.; *Systellogaster*), 1975a: 2 (in key), 3 (*Systellogaster*). Type, OXF. **N. comb.**
- fascipennis** (Schiner), 1867: 359 (*Euscelidia*). Type-locality: “Brazil”. Distr. – Brazil (São Paulo, Santa Catarina, Rio Grande do Sul). Refs. – Williston, 1891: 69 (cat.; *Euscelidia*); Bromley, 1946: 105 (cat.; *Euscelidia*); Hull, 1962 (1): 311, figs. 206B, 602, 1180, 2052, 2059 (*Systellogaster*); Martin, 1968e: 6 (cat.; *Systellogaster*), 1975a: 2 (in key), 3 (*Systellogaster*). Type, NMW. **N. comb.**
- parva** (Martin), 1975a: 2 (in key), 4 (*Systellogaster*). Type-locality: Paraguay, Cordillera, San Bernardino. Distr. – Paraguay (Cordillera). Type, ZSBS. **N. comb.**
- silacea** (Martin), 1975a: 2 (in key), 4 (*Systellogaster*). Type-locality: Peru, Pasco, Puerto Yessup, río Pichis. Distr. – Peru (Pasco). Type, ZSBS. **N. comb.**
- aurantiaca* Hermann, 1926a: 151 (*Systellogaster*), *nomen nudum*. Ref. – Hull, 1962 (1): 311 (*Systellogaster*); Martin, 1975a: 4 (*Systellogaster*).

Genus *Tipulogaster* Cockerell, 1913

Tipulogaster Cockerell, 1913: 214. Type-species, *Leptogaster badius* Loew, 1862 (orig. des.) = *glabrata* (Wiedemann, 1828).

Tipulogaster glabrata (Wiedemann, 1828), an extant species, is also known as fossil (Oligocene; U. S. A., Colorado).

lancea Tomasovic, 2002: 89, figs. 3a-d. Type-locality: French Guiana, Saül, Mont Belvédère. Distr. – French Guiana. Type, FUSAGembloux.

Subfamily Stenopogoninae Hull, 1962

Stenopogonini Hull, 1962 (1): 118. Type-genus, *Stenopogon* Loew, 1847.
Stenopogoninae Paramonov, 1966: 141.

Tribe Acronychini Artigas & Papavero, 1991

Acronychini Artigas & Papavero, 1991a: 141, 142. Type-genus, *Acronyches* Williston, 1908.

Genus **Acronyches** Williston, 1866

Acronyches Williston, 1908: 388, fig. 103. Type-species, *Acronyches willistoni* Hermann, 1921 (sub. des., Hermann, 1921: 121).

Megonyx Hull, 1962 (1): 312. Type-species, *Megonyx giganteus* Hull, 1962 (orig. des.) = *Acronyches fenestratulus* Hermann, 1921.

Ref. – Papavero, 1971a (key to spp.).

alexanderi Papavero, 1971a: 147. Type-locality: Brazil, São Paulo, Mogi das Cruzes. Distr. – Brazil (Rio de Janeiro, São Paulo). Ref. – Artigas & Papavero, 1991b: 248. Type, MZUSP.

fenestratulus Hermann, 1921: 122. Type-locality: Paraguay, Itapúa, Santísima Trinidad (as Santa Trinidad), and Argentina. Distr. – Peru and Brazil (Amazonas) to Paraguay and Argentina. Refs. – Hull, 1962 (1): 312; Fisher, 1984: 27; Artigas & Papavero, 1991b: 248, figs. 1-2.

giganteus Hull, 1962 (1): 313, fig. 204 (*Megonyx*). Type-locality: Brazil, Amazonas, Manaus. Type, AMNH.

geosarginus Papavero, 1971a: 148. Type-locality: Surinam, Paramaribo. Distr. – Surinam. Ref. – Artigas & Papavero, 1991b: 248. Type, MZUSP.

imitator Hermann, 1921: 122. Type-locality: “Paraguay”. Distr. – Brazil (Mato Grosso), Paraguay. Refs. – Hull, 1962 (1): 312, figs. 190, 601, 1178, 1186, 2062; Artigas & Papavero, 1991b: 248. Type, ZSBS.

maya Martin, 1968d: 180. Type-locality: Mexico, Yucatán, Chichén Itzá. Distr. – Mexico (Yucatán). Ref. – Artigas & Papavero, 1991b: 248. Holotype, FSCA.

meruuna Papavero, 1971a: 150. Type-locality: Costa Rica, Turrialba. Distr. – Costa Rica. Ref. – Artigas & Papavero, 1991b: 248. Type, MCZ.

plutactites Papavero, 1971a: 150. Type-locality: Costa Rica, Turrialba. Distr. – Costa Rica. Ref. – Artigas & Papavero, 1991b: 248. Type, MCZ.

rarus Martin, 1968d: 181. Type-locality: Mexico, Morelos, Yautepec. Distr. – Mexico (Morelos). Ref. – Artigas & Papavero, 1991b: 248. Type, CAS.

westcotti Martin, 1968d: 182. Type-locality: Mexico, Nayarit, 20 miles southeast of Ixtlán del Río. Distr. – Mexico (Nayarit). Type, CAS. Ref. – Artigas & Papavero, 1991b: 248. Type, CAS.

willistoni Hermann, 1921: 121. Type-locality: “Surinam”. Distr. – Surinam. Refs. – Hull, 1962 (1): 312; Artigas & Papavero, 1991b: 248.

Tribe **Bathypogonini** Artigas & Papavero, 1991

Bathypogonini Artigas & Papavero, 1991a: 140, 142. Type-genus, *Bathypogon* Loew, 1851.

Genus **Carebaricus** Artigas & Papavero, 1991

Carebaricus Artigas & Papavero, 1991b: 249. Type-species, *Stenopogon rionegrensis* Lamas M., 1971 (orig. des.).

rionegrensis (Lamas), 1971a: 15, figs. 1-5 (*Stenopogon*). Type-locality: Argentina, Río Negro, río Colorado. Distr. – Argentina (Río Negro, Neuquén). Ref. – Artigas & Papavero, 1991b: 249, figs. 3-10 (n. comb.). Type, MZUSP.

Tribe **Cyrtopogonini** Artigas & Papavero, 1991

Cyrtopogonini Artigas & Papavero, 1991a: 141, 142. Type-genus, *Cyrtopogon* Loew, 1847.

Genus **Ablautus** Loew, 1866

Ablautus Loew, 1866: 37 (Cent. 7, no. 63). Type-species, *Ablautus trifarius* Loew, 1866 (mon.).

Albautatus Loew, 1874: 377, *emend.*

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- arnaudi** Wilcox, 1966d: 675. Type-locality: Mexico, Baja California Norte, San Felipe. Distr. – U. S. A. (California), Mexico (Baja California Norte) TP CAS.
- californicus** Wilcox, 1935: 226. Type-locality: U. S. A., California. Distr. – U. S. A. (California), Mexico. Refs. – Hull, 1962 (1): 204; Martin & Wilcox, 1965: 364 (cat.); Wilcox, 1966d: 677. Type, CAS.
- coachellus** Wilcox, 1966d: 677. Type-locality: U. S. A., California, Indio. Distr. – U. S. A. (Arizona, California, New Mexico), Mexico (Sonora). Type, CAS.
- coquilletti** Wilcox, 1935: 226. Type-locality: U. S. A., California. Distr. – U. S. A. (California, Utah), Mexico. Refs. – Hull, 1962 (1): 204; Martin & Wilcox, 1965: 364 (cat.); Nelson, 1987: 59. Type, USNM.
- flavipes** Coquillett, 1904b: 178. Type-locality: U. S. A., California. Distr. – U. S. A. (California, Arizona, New Mexico, Utah), Mexico (Baja California, Sonora, Durango). Refs. – Kertész, 1909: 86 (cat.); Hull, 1962 (1): 204; Martin & Wilcox, 1965: 364 (cat.); Martin & Papavero, 1970: 21 (cat.); Nelson, 1987: 59; Artigas & Papavero, 1991f: 59.
- mimus** (Osten Sacken), 1877: 290 (*Ablautatus*). Type-locality: U. S. A., California. Distr. – U. S. A. (California, Arizona, New Mexico, Utah), Mexico (Baja California). Type, . Refs. – Williston, 1885: 53 (*Ablautatus*); Aldrich, 1905: 255 (cat.); Kertész, 1909: 86 (cat.); Hull, 1962 (1): 204; Martin & Wilcox, 1965: 364 (cat.); Nelson, 1987: 59.
- squamipes* Cole, 1924: 11. Type-locality: U. S. A., Arizona, Chiricahua Mountains. Refs. – Hull, 1962 (1): 204, figs. 141, 1050, 1059, 1795, 100; Martin & Wilcox, 1965: 364 (cat.). Type, CAS.
- trifarius** Loew, 1866: 36 (Cent. 7, no. 63). Type-locality: U. S. A., California. Distr. – U. S. A. (California), ?Mexico (Osten Sacken, 1887: 168). Refs. – Osten Sacken, 1887: 168 (*Ablautatus*); Aldrich, 1905: 155 (cat.); Kertész, 1909: 87 (cat.); Hull, 1962 (1): 204, fig. 540; Martin & Wilcox, 1965: 364 (cat.); Martin & Papavero, 1970: 21 (cat.); Artigas & Papavero, 1991f: 59. Type, MCZ.

Genus *Callinicus* Loew, 1872

- Callinicus** Loew, 1872a: 71. Type-species, *Callinicus calcaneus* Loew, 1872 (mon.).
- Chrysoceria* Williston, 1907: 1. Type-species, ?*Laparus pictitarsis* Bigot, 1878 (orig. des.).
- pictitarsis** (Bigot), 1878: 417 (?*Laparus*) Type-locality: U. S. A., California. Distr. – U. S. A. (California, Arizona, Utah), Mexico (Baja California). Refs. – Hull, 1962 (1): 168; Martin & Wilcox, 1965: 365 (cat.).

Genus *Cyrtopogon* Loew, 1847

- Cyrtopogon** Loew, 1847: 516. Type-species, *Asilus ruficornis* Fabricius, 1794 (sub. des., Rondani, 1856:).
- Euarmostus* Walker, 1851: 102. Type-species, *Euarmostus bimacula* Walker, 1851 (mon.).
- Enarmostus* Walker, 1855: 423, error.
- Philammosius* Rondani, 1856: 156. Type-species, *Dasyopogon fimbriatus* Meigen, 1820 (orig. des.).
- basingeri** Wilcox & Martin, 1936a: 49. Type-locality: U. S. A., California, San Bernardino County, Forest Home. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Hull, 1962 (1): 172; Martin & Wilcox, 1965: 368 (cat.). Type, CAS.
- vandykei** Wilcox & Martin, 1936a: 27, pl. 3. Type-locality: U. S. A., California, San Bernardino County, Forest Home. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Hull, 1962 (1): 172; Martin & Wilcox, 1965: 368 (cat.). Type, CAS.

Genus *Dasycyrton* Philippi, 1865

- Dasycyrton** Philippi, 1865: 701. Type-species, *Dasycyrton gibbosus* Philippi, 1865 (mon.).
- arrayanensis** Artigas, 1970a: 93, figs. 70, 83, 478. Type-locality: Chile, Santiago, Arrayán. Distr. – Chile (Santiago, Biobío). Ref. – Artigas & Papavero, 1991f: 59. Type, DZUC.
- coquimbensis** Artigas, 1970a: 95, figs. 78, 477. Type-locality: Chile, Choapa, Illapel. Distr. – Chile (Coquimbo). Ref. – Artigas & Papavero, 1991f: 59. Type, DZUC.
- gibbosus** Philippi, 1865: 701, pl. 26, figs. 30, 30a. Type-locality: Chile, Santiago and Aconcagua: Hacienda Catemú. Neotype-locality: Chile, Coquimbo [as Atacama, error], Cerro Caquis. Distr. – Chile (Coquimbo, Santiago). Refs. – Williston, 1891: 71 (cat.); Kertész, 1901: 75 (cat.); Hull, 1962 (1): 139; Martin & Papavero, 1970: 16 (cat.); Artigas, 1970a: 97, figs. 82, 407, 492; Artigas & Papavero, 1991f: 59. Syntypes, lost. NT DZUC [des. by Artigas, 1970a: 97].
- medinai** Artigas, 1970a: 99, fig. 86 (as *medinae*, error). Type-locality: “Chile”. Distr. – Chile. Ref. – Artigas & Papavero,

1991f: 59. Type, MNHNS.

sucinopedis Artigas, 1970a: 105, figs. 80, 480. Type-locality: Chile, Valparaíso, Valparaíso. Distr. – Chile (Valparaíso). Ref. – Artigas & Papavero, 1991f: 59. Type, DZUC.

Genus **Dasypecus** Philippi, 1865

Dasypecus Philippi, 1865: 692. Type-species, *Dasypecus heteroneurus* Philippi, 1865 (sub. des., Hull, 1962 (1): 139).

heteroneurus Philippi, 1865: 692, pl. 28, figs. 54, 54a, 54b. Type-locality: “Chile”. Neotype-locality: Chile, Quebrada de Paihuano. Distr. – Chile (Coquimbo, Santiago). Refs. – Williston, 1891: 72 (cat.); Kertész, 1909: 90 (cat.); Bromley, 1932: 166; Stuardo Ortiz, 1946: 81 (cat.); Hull, 1962 (1): 139, figs. 2525–2526; Oldroyd, 1965: 351; Artigas, 1970a: 110, figs. 63–64, 66, 463; Martin & Papavero, 1970: 16 (cat.); Artigas, 1971: 22, fig. 45; Artigas & Papavero, 1991f: 59. Type, lost. NT BMNH [des. by Oldroyd, 1965: 351].

?latus (Philippi), 1965: 686 (*Dasyopogon*). Type-locality: Chile, Choapa, Illapel. Refs. – Bigot, 1878: 220; Williston, 1891: 68 (*Dasyopogon*); Kertész, 1909: 90 (cat.); Hull, 1962 (1): 139; Martin & Papavero, 1970: 16 (cat.); Artigas & Papavero, 1991f: 59. Type, lost.

Genus **Graptostylus** Hull, 1962

Graptostylus Hull, 1962 (1): 207. Type-species, *Graptostylus dolosus* Hull, 1962 (orig. des.).

dolosus Hull, 1962 (1): 208. Type-locality: Chile, Valparaíso. Distr. – Chile (Coquimbo, Santiago). Refs. – Artigas, 1970a: 119, figs. 65, 67–69, 71, 74, 457, 1971: 23, figs. 43–44; Artigas & Papavero, 1991f: 59. Type, USNM.

Genus **Hadrokolos** Martin, 1959

Hadrokolos Martin, 1959: 3. Type-species, *Holopogon texanus* Bromley, 1934 (orig. des.).

notialis Martin, 1967b: 194. Type-locality: Mexico, Oaxaca, Tetalapán. Distr. – Mexico (Oaxaca). Ref. – Martin & Papavero, 1970: 18 (cat.). Type, KU.

Genus **Heteropogon** Loew, 1847

Dasyopogon, subg. **Heteropogon** Loew, 1847: 488. Type-species, *Dasyopogon manicatus* Meigen, 1820 (sub. des., Back, 1909: 318).

Anisopogon Loew, 1874: 377 (unjustified *nom. nov.* for *Heteropogon* Loew, 1847). Type-species, *Dasyopogon manicatus* Meigen, 1820 (aut.).

Dasyopogon, subg. *Pycnopogon* Loew, 1847: 526. Type-species, *Dasyopogon (Pycnopogon) mixtus* Loew, 1847 (sub. des., Rondani, 1856: 157).

dejectus (Williston), 1901: 306 (*Holopogon*). Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 261 (cat.); Kertész, 1909: 59 (cat.); Hull, 1962 (1): 177 (*Holopogon*); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.

divisus (Coquillett), 1902: 139 (*Pycnopogon*). Type-locality: Mexico, Chihuahua. Distr. – Mexico (Chihuahua). Refs. – Aldrich, 1905: 262 (*Pycnopogon*); Kertész, 1909: 89 (cat.; *Pycnopogon*); Hull, 1962 (1): 189 (*Pycnopogon*); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59. Type, USNM.

dorothyae Martin, 1962c: 373. Type-locality: Mexico, Guerrero, 32 miles north of Chilpancingo. Distr. – Mexico (Guerrero, Morelos). Refs. – Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59. Type, KU.

duncani Wilcox, 1941: 54. Type-locality: U. S. A., Arizona, Baboquivari Mountains. Distr. – U. S. A. (Arizona), Mexico (Sonora). Ref. – Martin & Wilcox, 1965: 374 (cat.). Type, CAS.

ludius (Coquillett), 1893a: 20 (*Anisopogon*). Type-locality: U. S. A., California, Los Angeles and San Bernardino Counties; Canada, British Columbia. Distr. – Canada, U. S. A. (California), Mexico (Baja California). Refs. – Brown, 1929: 305,

Papavero

- pl. 29, figs. 24-25; Pritchard, 1935: 2 (in key); Martin & Wilcox, 1965: 374 (cat.).
- paurosomus** Pritchard, 1935: 3 (in key), 4. Type-locality: U. S. A., Arizona, Tucson, Santa Catalina Mts. Distr. – U. S. A. (Arizona), Mexico (Sonora, Sinaloa). Refs. – Martin & Wilcox, 1965: 374 (cat.); Lavigne & Bollington, 1999: 9 (ethology). Type, AMNH.
- rejectus** Williston, 1901: 307. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – U. S. A. (Arizona), Mexico (Guerrero). Refs. – Aldrich, 1905: 263 (cat.); Kertész, 1909: 66 (cat.); Martin & Wilcox, 1965: 374 (cat.); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- spatulatus** Prichard, 1935: 3 (in key), 5. Type-locality: U. S. A., Arizona, Hayden. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Martin & Wilcox, 1965: 374 (cat.); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59. Type, AMNH.
- willistoni** Martin, 1962c: 375. Type-locality: Mexico, Morelos, highway 136, near Cuernavaca. Distr. – Mexico (Morelos, Guerrero). Refs. – Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 59. Type, KU.

Genus **Holopogon** Loew, 1847

Dasyogon, subg. **Holopogon** Loew, 1847: 473. Type-species, *Dasyogon nigripennis* Meigen, 1820 (sub. des., Coquillett, 1910: 552).

One species known as fossil: *Holopogon archilestes* Hull (1962: 272) (Oligocene; U. S. A.).

- atrifrons** Cole, 1924: 8. Type-locality: U. S. A., California, San Bernardino County, Mill Creek Canyon. Distr. – U. S. A. (Oregon, California, Nevada), Mexico (Baja California). Refs. – Hull, 1962 (1): 177; Martin & Wilcox, 1965: 375 (cat.). Type, CAS.
- currani** Martin, 1959: 17. Type-locality: U. S. A., Arizona, Winona. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Martin & Wilcox, 1965: 375 (cat.); Martin & Papavero, 1970: 19 (cat.); Artigas & Papavero, 1991f: 60. Type, AMNH.
- fisheri** Martin, 1967b: 195. Type-locality: Mexico, Coahuila, Saltillo, Canyon de la Carbonera. Distr. – Mexico (Coahuila). Refs. – Martin & Papavero, 1970: 19 (cat.); Artigas & Papavero, 1991f: 60. Type, CAS.
- pulcher** Williston, 1901: 306, pl. 5, fig. 18. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – Mexico (Guerrero, Morelos). Refs. – Aldrich, 1905: 262 (cat.); Kertész, 1909: 61 (cat.); Hull, 1962 (1): 177; Martin & Papavero, 1970: 19 (cat.); Artigas & Papavero, 1991f: 60; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- violaceus** Williston, 1901: 306, pl. 5, fig. 17. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 262 (cat.); Kertész, 1909: 62 (cat.); Hull, 1962 (1): 177; Martin & Papavero, 1970: 19 (cat.); Artigas & Papavero, 1991f: 60; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.

Genus **Itolia** Wilcox, 1936

Itolia Wilcox, 1936b: 201. Type-species, *Itolia maculata* Wilcox, 1936 (orig. des.).

- atripes** Wilcox, 1949: 191 (in key), 193. Type-locality: U. S. A., Arizona, Mohawk. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Hull, 1962 (1): 200; Martin & Wilcox, 1965: 376 (cat.); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 60. Type, CAS.
- fascia** Martin, 1966b: 213. Type-locality: Mexico, Puebla, Petlalcingo. Distr. – Mexico (Puebla). Refs. – Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991g: 60. Type, UCD.
- maculata** Wilcox, 1936b: 202, fig. 1. Type-locality: U. S. A., Arizona, Santa Rita Mts. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Wilcox, 1949: 191 (in key); Hull, 1962 (1): 200, figs. 70, 593, 989, 1832-1833, 1954; Martin & Wilcox, 1965: 376 (cat.); Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 60. Type, CAS.
- pilosa** Martin, 1966b: 214. Type-locality: Mexico, Sonora, Vicam. Distr. – Mexico (Sonora). Refs. – Martin & Papavero, 1970: 20 (cat.); Artigas & Papavero, 1991f: 60. Type, CAS.
- timberlakei** Wilcox, 1949: 191 (in key), 192. Type-locality: U. S. A., California, Riverside County, White Water. Distr. – U. S. A. (California, Arizona), Mexico (Baja California). Refs. – Hull, 1962 (1): 200; Martin & Wilcox, 1965: 376 (cat.). Type, CAS.

Genus **Ivettea** Artigas & Papavero, 1991

Ivettea Artigas & Papavero, 1991f: 60. Type-species, *Dasyrcton minusculus* Artigas, 1970 (orig. des.).

minuscula (Artigas), 1970a: 101, figs. 77, 425 (*Dasycyrton*). Type-locality: Chile, Linares, El Radal. Distr. – Chile (Linares, Valdivia). Refs. – Artigas, 1971: 20, figs. 39-40 (*Dasycyrton*); Artigas & Papavero, 1991f: 60 (n. comb.). Type, DZUC.

Genus **Lonquimayus** Artigas & Papavero, 1991

Lonquimayus Artigas & Papavero, 1991f: 60. Type-species, *Holopogon tener* Bigot, 1878 (orig. des.).

notocinereatus (Artigas), 1970a: 102, figs. 85, 494 (*Dasycyrton*). Type-locality: Chile, Malleco, Angol. Distr. – Chile (Malleco). Ref. – Artigas & Papavero, 1991g: 60 (n. comb.). Type, DZUC.

papaveroi (Artigas), 1970a: 104, figs. 81, 491. Type-locality: Chile, Biobío, Los Ángeles, Fundo San José. Distr. – Chile (Biobío, Cautín, Malleco). Ref. – Artigas & Papavero, 1991f: 60 (n. comb.). Type, DZUC.

tener (Bigot), 1878: 437 (*Holopogon*; as *tenerum*). Type-locality: “Chile”. Distr. – Chile (Arauco, Concepción, Malleco, Ñuble, Santiago). Refs. – Williston, 1891: 71 (cat.; *Holopogon*, as *tenerus*); Kertész, 1909: 61 (cat.; *Holopogon*); Stuardo Ortiz, 1946: 80 (cat.; *Holopogon*; as *tenerum*); Hull, 1962 (1): 177 (*Holopogon*); Artigas, 1970a: 107, figs. 72-73, 75-76, 84, 487 (*Dasycyrton*), 1971: 21, fig. 4 (*Dasycyrton*); Martin & Papavero, 1970: 19 (cat.); Artigas & Papavero, 1991f: 60 (n. comb.). Type, OXF.

Genus **Metapogon** Coquillett, 1904

Metapogon Coquillett, 1904b: 181. Type-species, *Metapogon trifarius* Coquillett, 1901 (orig. des.).

carinatus Wilcox, 1964: 192 (in key), 193. Type-locality: U. S. A., California, Riverside County, White Water. Distr. – U. S. A. (California, Utah), Mexico (Baja California). Type, CAS.

gibber (Williston), 1883: 14 (?*Cyrtopogon*). Type-locality: U. S. A., California. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Back, 1909: 293 (*Cyrtopogon*); Wilcox & Martin, 1936: 2; Hull, 1962 (1): 203, figs. 124, 570, 987, 996; Wilcox, 1964: 192 (in key), 193; Martin & Wilcox, 1965: 378 (cat.). Type, KU.

leechi Wilcox, 1964: 192 (in key), 197. Type-locality: Mexico, Baja California Sur, 3 miles southwest of Misión San Javier. Distr. – Mexico (Baja California). Ref. – Artigas & Papavero, 1991f: 61. Type, CAS.

punctipennis Coquillett, 1904b: 182. Type-locality: U. S. A., New Mexico, Organ. Distr. – U. S. A. (California, Arizona, New Mexico), Texas, Mexico (Coahuila). Refs. – Back, 1909: 305; Hull, 1962 (1): 203; Wilcox, 1964: 192 (in key), 198; Martin & Wilcox, 1965: 378 (cat.). Type, USNM.

tricellus Wilcox, 1964: 192 (in key), 199. Type-locality: U. S. A., Riverside County, White Water. Distr. – U. S. A. (California, Nevada), Mexico (Baja California). Type, CAS.

Genus **Nannocyrtopogon** Wilcox & Martín, 1936

Nannocyrtopogon Wilcox & Martin, 1936b: 449. Type-species, *Cyrtopogon cerussatus* Osten Sacken, 1877 (orig. des.).

lestomyiformis Wilcox & Martin, 1936b: 454, pl. 1. Type-locality: U. S. A., California, San Diego County, Desert edge. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Wilcox & Martin, 1957: 385; Hull, 1962 (1): 175; Martin & Wilcox, 1965: 379 (cat.). Type, OSU.

Genus **Nothopogon** Artigas & Papavero, 1991

Nothopogon Artigas & Papavero, 1991f: 61. Type-species, *Nothopogon triangularis* Artigas & Papavero, 1991 (orig. des.).

triangularis Artigas & Papavero, 1991f: 61, figs. 14-15. Type-locality: Argentina, Salta, El Carmen, 27 km south of Molinos, 1900 m. Distr. – Argentina (Salta). Type, DZUC.

Genus **Raulcortesia** Artigas & Papavero, 1991

Raulcortesia Artigas & Papavero, 1991f: 62. Type-species, *Dasycyrton lanosus* Artigas, 1970 (orig. des.).

lanosa (Artigas), 1970a: 98, figs. 79, 490 (*Dasycyrton*). Type-locality: Chile, Curicó, Palos Negros. Distr. – Chile (Curicó). Refs. – Artigas, 1971: 20, figs. 37-38 (*Dasycyrton*); Artigas & Papavero, 1991f: 62 (n. comb.). Type, DZUC.

Genus **Sintoria** Hull, 1962

Sintoria Hull, 1962 (1): 197. Type-species, *Sintoria emeralda* Hull, 1962 (orig. des.).

Ref. – Wilcox, 1972 (rev.).

emeralda Hull, 1962 (1): 199. Type-locality: Mexico, México, [San Miguel de] Neplanta. Distr. – Mexico (Aguascalientes, Guanajuato, Jalisco, México, San Luis Potosí, Veracruz). Refs. – Wilcox, 1972: 55; Artigas & Papavero, 1991f: 62. Type, not in USNM.

lagunae Wilcox, 1972: 55. Type-locality: Mexico, Baja California Sur, La Laguna, Sa. Victoria. Distr. – Mexico (Baja California Sur). Ref. – Artigas & Papavero, 1991f: 62. Type, CSCLB.

rossi Wilcox, 1972: 58. Type-locality: Mexico, Mt. Popocatepetl, north slope, 11,000 ft. Distr. – Mexico. Ref. – Artigas & Papavero, 1991f: 62. Type, CAS.

Genus **Wilcoxia** James, 1941

Wilcoxia James, 1941: 38. Type-species, *Wilcoxia cinerea* James, 1941 (orig. des.).

†**sp.** Poinar Jr., 1992: 178. Dominican Republic (Oligocene/Miocene).

Unrecognized species of Cyrtopogonini

bullatus Wulp, 1882b: 100 (*Holopogon*). Type-locality: “Argentina”. Refs. – Williston, 1891: 71 (cat.); Kertész, 1909: 59 (cat.); Hull, 1962 (1): 177 (*Holopogon*); Martin & Papavero, 1970: 19 (cat.). Type, ZMA.

Tribe Dioctriini Hendel, 1936

Dioctriini Hendel, 1936: 1923. Type-genus, *Dioctria* Meigen, 1803.

Dioctriinae Enderlein, 1936: 92.

Dioctriini Lehr, 1977: 48, 51.

Dioctriini Arnett, 1985: 675.

Genus **Nannodioctria** Wilcox & Martin, 1942

Dioctria, subg. *Neodioctria* Wilcox & Martin, 1941: 7 (preocc. Ricardo, 1912). Type-species, *Dioctria (Neodioctria) albicornis* Wilcox & Martin, 1941 (orig. des.).

Dioctria, subg. **Nannodioctria** Wilcox & Martin, 1942: 35 (*nom. nov.* for *Neodioctria* Wilcox & Martin, 1941). Type-species, *Dioctria (Neodioctria) albicornis* Wilcox & Martin, 1941 (aut.).

australis (Adisoemarto & Wood), 1975: 515 (*Dioctria (Nannodioctria)*). Type-locality: Mexico, Chiapas, 8 miles northeast of San Cristóbal. Distr. – Mexico (Chiapas, Distrito Federal). Ref. – Artigas & Papavero, 1991c: 262. Holotype, CNC.

Tribe Echthodopini Adisoemarto & Wood, 1975

Echthodopini Adisoemarto & Wood, 1975: 523. Type-genus, *Echthodopa* Loew, 1866.

Genus **Bohartia** Hull, 1958

Bohartia Hull, 1958: 317. Type-species, *Bohartia bromleyi* Hull, 1958 (orig. des.).

senecta Adisoemarto & Wood, 1975: 532. Type-locality: Mexico, Baja California, 15 miles north of Colonia Guerrero. Distr. – Mexico (Baja California). Ref. – Artigas & Papavero, 1991c: 263. Holotype, CAS.

Tribe Enigmomorphini Hull, 1962

Enigmomorphini Hull, 1962 (1): 291. Type-genus, *Enigmomorphus* Hermann, 1912.

Genus **Alyssomyia** Hull, 1962

Alyssomyia Hull, 1962 (1): 143. Type-species, *Clavator brevicornis* Philippi, 1865 (orig. des.).

Ref. – Artigas, 1973 (key to spp.).

brevicornis (Philippi), 1865: 700, fig. 3 (*Clavator*). Type-locality: Chile, Santiago. Neotype-locality: Chile, Choapa, Illapel. Distr. – Peru (Lima), Chile (Aconcagua, Bío Bío, Choapa, Santiago, Valparaíso). Refs. – Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; *Pritchardia*); Hull, 1962 (1): 144, figs. 154, 480, 1013, 1022, 1830; Carrera & Papavero, 1965: 51; Artigas, 1970a: 59, figs. 42-44, 482; Martin & Papavero, 1970: 17 (cat.); Artigas, 1971: 17, fig. 31; Lamas M., 1972: 306 (cat.); Artigas & Papavero, 1991d: 30. Type, lost. NT DZUC [des. by Artigas, 1970a: 59].

bulbosa Artigas, 1970a: 61, figs. 45-48, 436. Type-locality: Chile, Atacama, Carrizal Bajo, Quebrada Algodones. Distr. – Chile (Aconcagua, Atacama, Coquimbo, Santiago, Valparaíso). Refs. – Artigas, 1971: 17, figs. 28-29; Artigas & Papavero, 1991d: 30. Type, DZUC.

misera Artigas, 1973: 125, figs. 7-11. Type-locality: Chile, Coquimbo, Baños del Toro, 3400-4000 m. Distr. – Chile (Coquimbo). Type, Ref. – Artigas & Papavero, 1991e: 30. DZUC.

pampina Artigas, 1970a: 63, figs. 49, 473. Type-locality: Chile, Antofagasta, Cordillera de Antofagasta, Talabre (Toconao), Chinina. Distr. – Chile (Antofagasta, Atacama). Refs. – Artigas, 1971: 18, fig. 30; Artigas & Papavero, 1991d: 30. Type, DZUC.

quinquemaculata Artigas, 1973: 124, figs. 1-5. Type-locality: Chile, Santiago, La Ollita, Cantillana, Piche-Alhué. Distr. – Chile (Colchagua, Santiago). Ref. – Artigas & Papavero, 1991d: 30. Type, DZUC.

Genus **Araujoa** Artigas & Papavero, 1991

Araujoa Artigas & Papavero, 1991d: 30. Type-species, *Araujoa pernambucana* Artigas & Papavero, 1991 (orig. des.).

pernambucana Artigas & Papavero, 1991d: 30, figs. 3-10. Type-locality: Brazil, Pernambuco, 10-20 km northwest of Petrolina. Distr. – Brazil (Pernambuco). Type, MZUSP.

Genus **Archilestris** Loew, 1874

Archilestes Schiner, 1866: 672 (1868: 136, second erection of genus) (preooc. Selys-Longchamps, 1862). Type-species, *Dasypogon capnopterus* Wiedemann, 1828 (sub. des., Schiner, 1868: 168).

Archilestris Loew, 1874a: 377 (*nom. nov.* for *Archilestes* Schiner, 1866). Type-species, *Dasyopogon capnopterus* Wiedemann, 1828 (aut.).

Pseudarchilestes Bigot, 1889: clxxxiii (unnecessary *nom. nov.* for *Archilestes* Schiner, 1866). Type-species, *Dasyopogon capnopterus* Wiedemann, 1828 (aut.).

Pseudoarchilestes Bigot, 1890: 96, emend.

Ref. – Papavero & Bernardi, 1974 (key to spp.).

capnoptera (Wiedemann), 1828: 376 (*Dasyopogon*). Type-locality: “Brazil”. Distr. – Brazil (Mato Grosso, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina), Paraguay. Refs. – Walker, 1854: 444 (*Dasyopogon*); Schiner, 1866: 677 (*Archilestes*), 1867: 377 (*Archilestes*); Lynch Arribálzaga, 1880: 28, 1882: 132, 1883a: 142 (cat.); Williston, 1889: 259; Kertész, 1909: 156 (cat.); Carrera, 1945a: 160 (preys), 1958a: 147, 1960a: 161; Carrera & d’Andretta, 1961: 69 (prey); Hull, 1962 (1): 141, figs. 151, 473, 1015, 1024; Papavero & Bernardi, 1974: 166, figs. 1, 4-6; Artigas & Papavero, 1991d: 31; Geller-Grimm, 1999: 207 (specimen in SENCK). Lectotype NMW [des. by Papavero & Bernardi, 1974: 266].

albatarsis Macquart, 1846: 194 (1846: 66), pl. 7, fig. 7 (*Dasyopogon*). Type-locality: Brazil, Minas Gerais. Refs. – Walker, 1854: 410 (*Dasyopogon*); Bigot, 1889: clxxxiii (*Pseudarchilestes*), 1890: 96 (*Pseudoarchilestes*). Type, OXF.

capnopterus Bromley, 1946: 108 (cat.); Martin & Papavero, 1970: 16 (cat.), error.

excellens Enderlein, 1914b: 174. Type-locality: Ecuador, Bolívar, Balzapamba. Distr. – Ecuador, Bolivia. Refs. – Hull, 1962 (1): 141; Martin & Papavero, 1970: 16 (cat.); Papavero & Bernardi, 1974: 268, figs. 7-9; Artigas & Papavero, 1991d: 31. Type, IZPAN.

geijskesi Papavero & Bernardi, 1974: 270, figs. 10-12. Type-locality: Surinam, Brokopondo, Phedra. Distr. – Surinam. Ref. – Artigas & Papavero, 1991d: 31. Type, MZUSP.

magnifica (Walker), 1854: 427 (*Dasyopogon*). Type-locality: “Mexico”. Distr. – U. S. A. (Arizona), Mexico (Chihuahua, Coahuila, Durango, San Luis Potosí, Nayarit, Jalisco, Colima, Guanajuato, Querétaro, Veracruz, Morelos, Guerrero, Oaxaca). Refs. – Bellardi, 1861: 79, pl. 1, fig. 11 (*Dasyopogon*); Schiner, 1868: 168 (*Archilestes*); Loew, 1872a: 68 (*Microstylus*; note); Osten Sacken, 1887: 169; Bigot, 1889: clxxxiii (*Archilestes*); Williston, 1889: 258, 1891: 71 (cat.); Aldrich, 1905: 256 (cat.); Back, 1909: 216; Kertész, 1909: 157 (cat.); Wilcox, 1936b: 204; Hull, 1962 (1): 141, figs. 118, 1826, 1851; Martin, 1965a: 18; Martin & Wilcox, 1965: 364 (cat.); Martin, 1968: 90, fig. 41; Martin & Papavero, 1970: 16 (cat.); Papavero & Bernardi, 1974: 271, figs. 3, 13-15; Artigas & Papavero, 1991d: 3; Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). Type, BMNH.

wenzeli Papavero & Bernardi, 1974: 273, figs. 2, 16-18. Type-locality: Guatemala, Chimaltenango, Yepocapa (Finca Panajabel). Distr. – Guatemala. Ref. – Artigas & Papavero, 1991d: 31. Type, FMNH.

Genus *Archilestroides* Artigas & Papavero, 1991

Archilestroides Artigas & Papavero, 1991d: 31. Type-species, *Archilestroides guimaraesi* Artigas & Papavero, 1991 (orig. des.).

guimaraesi Artigas & Papavero, 1991d: 32, figs. 24-31. Type-locality: Brazil, São Paulo, Salesópolis (Estação Biológica de Boracéia). Distr. – Brazil (Rio de Janeiro, São Paulo). Ref. – Castillo, Jerez & Artigas, 1994 (egg chorion). Type, MZUSP.

Genus *Aymarasilus* Artigas, 1974

Aymarasilus Artigas, 1974a: 227. Type-species, *Aymarasilus inti* Artigas, 1974 (orig. des.).

inti Artigas, 1974a: 228, figs. 1-10. Type-locality: Chile, Parinacota, Putre. Distr. – Chile (Parinacota). Ref. – Artigas & Papavero, 1991d: 32. Type, DZUC.

Genus *Creolestes* Hull, 1962

Bathypogon, subg. **Creolestes** Hull, 1962 (1): 150. Type-species, *Bathypogon hirtuosus* Schiner, 1868 (orig. des.) = *Creolestes nigribarbis* (Philippi, 1865).

keiseri (Carrera & Papavero), 1965: 42 (*Alyssomyia*). Type-locality: Chile, Valdivia, Panguipulli. Distr. – Chile (Arauco,

Cautín, Concepción, Linares, Llanquihue, Malleco, Ñuble, O'Higgins, Osorno, Valdivia). Refs. – Artigas, 1971: 19, figs. 34-35; Artigas & Papavero, 1991d: 33. Type, MZUSP.

keisseri Artigas, 1970a: 79, figs. 78, 470, error.

nigribarbis (Philippi), 1865: 699, fig. 2 (*Clavator*). Type-locality: "Chile". Distr. – Chile (Coquimbo, Curicó, Maule, Ñuble, O'Higgins, Santiago, Valparaíso). Refs. – Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; *Pritchardia*); Hull, 1962 (1): 154 (*Hypenetes*); Carrera & Papavero, 1965: 51 (*Alyssomyia*); Martin & Papavero, 1970: 18 (n. comb.); Artigas, 1971: 19, figs. 32-33; Artigas & Papavero, 1991d: 33. Type, MNHNS.

hirtuosus Schiner, 1868: 160 (*Bathypogon*). Type-locality: "Chile". Refs. – Williston, 1891: 72 (cat.; *Bathypogon*); Kertész, 1909: 82 (cat.; *Bathypogon*); Stuardo Ortiz, 1946: 81 (cat.; *Bathypogon*); Hull, 1962 (1): 150, figs. 512, 1019, 1028 (*Bathypogon (Creolestes)*). Syntypes, NMW.

negribarbis Artigas, 1970a: 82, figs. 54-57, 59-60, 62, 497 (n. comb.), error.

parvus (Bigot), 1878: 432 (*Bathypogon*). Type-locality: "Chile". Distr. – Chile. Refs. – Williston, 1891: 72 (cat.; *Bathypogon*); Kertész, 1909: 82 (cat.; *Bathypogon*); Stuardo Ortiz, 1946: 81 (cat.; *Bathypogon*); Hull, 1962: 150 (*Bathypogon*); Artigas, 1970a: 85, fig. 61; Artigas & Papavero, 1991d: 33. Type, OXF.

rubricornis (Philippi), 1865: 700 (*Clavator*). Type-locality: "Chile". Neotype-locality: Chile, Angol, Cerros de Nahuelbuta. Distr. – Chile (Malleco, Maule, Ñuble). Refs. – Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; *Pritchardia*); Hull, 1962 (1): 154 (*Hypenetes*); Carrera & Papavero, 1965: 51 (*Alyssomyia*); Artigas, 1970a: 89, figs. 50, 448; Martin & Papavero, 1970: 18 (cat.; n. comb.); Artigas, 1971: 18, fig. 36; Artigas & Papavero, 1991d: 33. Type, lost. NT DZUC [des. by Artigas, 1970a: 89].

rufescens (Philippi), 1865: 700 (*Clavator*). Type-locality: "Chile" [Valparaíso in ST labels]. Neotype-locality: Chile, Santiago, Manquehue. Distr. – Chile (Santiago, Valparaíso). Refs. – Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; *Pritchardia*); Hull, 1962 (1): 154 (*Hypenetes*); Artigas, 1970a: 86, figs. 51-53, 498; Martin & Papavero, 1970: 18 (cat.; n. comb.); Artigas & Papavero, 1991d: 33. Type, lost. NT DZUC [des. by Artigas, 1970a: 86].

claripennis Schiner, 1868: 160 (*Bathypogon*). Type-locality: "Chile". Type, NMW. Refs. – Williston, 1891: 71 (cat.; *Bathypogon*); Kertész, 1909: 82 (cat.; *Bathypogon*); Martin & Papavero, 1970: 18 (cat.; syn.). Type, NMW.

Genus *Cylicomera* Lynch Arribálzaga, 1881

Cylicomera Lynch Arribálzaga, 1881: 115. Type-species, *Cylicomera rubrofasciata* Lynch Arribálzaga, 1881 (sub. des., Hull, 1962 (1): 135).

Ref. – Lamas M., 1973a (key to spp.).

dissona Lamas M., 1973a: 28, figs. 17, 25, 40, 60, 98-100. Type-locality: Argentina, Tucumán, San Pedro de Colalao. Distr. – Argentina (Tucumán, Buenos Aires, Santiago del Estero). Ref. – Artigas & Papavero, 1991d: 33. Type, MZUSP.

rubrofasciata Lynch Arribálzaga, 1881: 119. Type-locality: Argentina, Buenos Aires, Chascomús and Chacabuco. Distr. – Brazil (Tocantins, Rio Grande do Sul), Paraguay, Argentina. Refs. – Lynch Arribálzaga, 1883a: 141 (cat.); Williston, 1891: 70 (cat.); Kertész, 1909: 148 (cat.); Hull, 1962 (1): 137, figs. 478, 1034, 1043; Martin & Papavero, 1970: 15 (cat.; *Cylicomera*); Lamas M., 1973a: 25; Artigas & Papavero, 1991c: 33. Lectotype MACN [des. by Lamas M., 1973a: 25].

fraterna Lynch Arribálzaga, 1881: 117. Type-locality: Argentina, Buenos Aires, Chacabuco. Distr. – Argentina (Buenos Aires). Refs. – Lynch Arribálzaga, 1883a: 141 (cat.); Williston, 1891: 70 (cat.); Kertész, 1909: 148 (cat.); Hull, 1962 (1): 137; Martin & Papavero, 1970: 15 (cat.; *Cylicomera*); Artigas & Papavero, 1991d: 33. Lectotype MACN [des. by Lamas M., 1973: 25].

Genus *Dicranus* Loew, 1851

Microstylum, subg. **Dicranus** Loew, 1851: 13. Type-species, *Dasygogon rutilus* Wiedemann, 1821 (orig. des.).

Macronix Bigot, 1857: 549 (in key). Type-species, *Dasygogon longiungulatus* Macquart, 1850 (mon.) = *Dicranus schottkyi* Bezzi, 1910.

Ref. – Carrera, 1955b (key to spp.).

jaliscoensis Williston, 1901: 302, pl. 5, fig. 15. Type-locality: Mexico, Nayarit, San Blás; Santiago Izcuintla; Guadalajara, Jalisco. Distr. – Mexico (Jalisco, Nayarit). Refs. – Aldrich, 1905: 255 (cat.); Kertész, 1909: 155 (cat.); Carrera, 1955b:

Papavero

- 244; Hull, 1962 (1): 143, figs. 163, 948, 957, 1696, 1826; Martin & Papavero, 1970: 17 (cat.); Artigas & Papavero, 1991d: 33; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, BMNH.
- nigerrimus** Carrera, 1955b: 245. Type-locality: Argentina, [?], Estancia Siete de Abril. Distr. – Argentina. Refs. – Hull, 1962 (1): 143; Artigas & Papavero, 1991d: 33. Type, IML.
- rutilus** (Wiedemann), 1821: 231 (*Dasygogon*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Distr. – Brazil (Mato Grosso and Goiás to Santa Catarina). Refs. – Wiedemann, 1828: 370 (*Dasygogon*); Loew, 1851: 23; Walker, 1854: 445 (*Dasygogon*); Schiner, 1866: 676; Williston, 1891: 70 (cat.); Kertész, 1909: 155 (cat.); Bromley, 1946: 108 (cat.); Carrera, 1955b: 236, fig. 1-5; Hull, 1962 (1): 143; Martin & Papavero, 1970: 17 (cat.); Artigas & Papavero, 1991d: 33. Syntypes, BZM [no. 489; cf. Schumann, 1973: 154].
- schrottkyi** Bezzi, 1910a: 67 (nom. nov. for *longiungulatus* Macquart, 1850). Type-locality: Bolivia, Yungas. Distr. – Venezuela (Aragua), Peru, Bolivia, Brazil (Amazonas, Goiás, Santa Catarina), Paraguay, Argentina (Misiones). Refs. – Carrera, 1947a: 43, 1955b: 242, 1959: 2; Hull, 1962 (1): 143, figs. 476, 1934; Carrera & Machado-Allison, 1963: 238; Lamas M., 1972: 306 (cat.); Fisher, 1984: 27; Artigas & Papavero, 1991d: 33.
- longiungulatus* Macquart, 1850: 371 (1850: 67), pl. 6, fig. 14 (*Dasygogon*; preocc. Macquart, 1838). Type-locality: Bolivia, Yungas (as Brazil, error). Refs. – Bigot, 1857b: 549 (*Macronix*); Schiner, 1866: 676; Williston, 1891: 70 (cat.); Kertész, 1909: 155 (cat.); Bromley, 1946: 108 (cat.).
- tucma** Lynch Arribálzaga, 1880: 26. Type-locality: Argentina, Tucumán. Distr. – Argentina (Córdoba, Jujuy, Salta, Tucumán). Refs. – Lynch Arribálzaga, 1881: 124; Wulp, 1882b: 98; Lynch Arribálzaga, 1883a: 142 (cat.); Williston, 1891: 70 (cat.); Kertész, 1909: 156 (cat.); Carrera, 1955b: 240; Hull, 1962 (1): 143; Martin & Papavero, 1970: 17 (cat.); Artigas & Papavero, 1991d: 33.

Genus *Enigmomorphus* Hermann, 1912

- Enigmomorphus** Hermann, 1912: 272. Type-species, *Enigmomorphus paradoxus* Hermann, 1912 (orig. des.). *Enigmomorpheus* Hull, 1962 (1): 291, error.
- paradoxus** Hermann, 1912: 274, fig. 87, pl. 5, figs. 64-65. Type-locality: Paraguay, Asunción. Distr. – Brazil (São Paulo), Paraguay. Refs. – Hull, 1962 (1): 292, figs. 107, 567, 1159, 1168, 1607, 1920, 1990; Artigas & Papavero, 1991d: 33. Type, BUD.

Genus *Leptochelina* Artigas, 1970

- Leptochelina** Artigas, 1970a: 143. Type-species, *Leptochelina jaujensis* Artigas, 1970 (orig. des.).
- jaujensis** Artigas, 1970a: 144, figs. 128, 130-132, 426. Type-locality: Chile, Tarapacá, Jauja, Mamiña, Iquique. Distr. – Chile (Tarapacá). Ref. – Artigas & Papavero, 1991d: 34. Type, DZUC.

Genus *Microstylum* Macquart, 1838

- Microstylum** Macquart, 1838: 26 (1839: 142). Type-species, *Dasygogon venosus* Wiedemann, 1821 (sub. des., Back, 1909: 213).
- Two species known as fossils: *Microstylum destructum* Cockerell (1909: 254) and *Microstylum wheeleri* Cockerell (1908: 173) (Oligocene; U. S. A., Colorado).

- catastygnum** Papavero, 1971d: 25, figs. 4-6. Type-locality: French Guiana, Maroni. Distr. – French Guiana. Ref. – Artigas & Papavero, 1991d: 34. Type, MNHNP.
- fulvigaster** Bigot, 1878: 410. Type-locality: “Mexico”. Distr. – Mexico. Refs. – Williston, 1883: 33; Aldrich, 1905: 256 (cat.); Kertész, 1909: 152 (cat.); Hull, 1962 (1): 141 (*Archilestris*), 157 [*Microstylum*]; Artigas & Papavero, 1991d: 34; Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- galactodes** Loew, 1866: 25 (Cent. 7, no. 44). Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (New Mexico, Arizona, Kansas, Texas, Oklahoma, Colorado), Mexico (Coahuila). Refs. – Williston, 1883: pl. 1, fig. 7; Aldrich, 1905: 256 (cat.); Kertész, 1909: 152 (cat.); Back, 1909: 213; Hine, 1918: 3; Bromley, 1935c: 3; Baker, 1939: 168; Carrera & d’Andretta, 1950: 167; Hull, 1962 (1): 157; Martin & Wilcox, 1965: 379 (cat.). Type, MCZ.
- mexicanum** Martin, 1960: 44. Type-locality: Mexico, Nuevo León, Monterrey. Distr. – Mexico (Nuevo León). Ref. – Artigas & Papavero, 1991d: 34. Type,

morosum Loew, 1872a: 67 (Cent. 10, no. 27). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Texas, Arizona, New Mexico, Oklahoma, Kansas, Colorado), Mexico (Coahuila, Tamaulipas). Refs. – Baker, 1939: 168; Hull, 1962 (1): 157; Martin & Wilcox, 1965: 379 (cat.). Type, MCZ.
pollens Osten Sacken, 1878: 230 (cat.; note 100). Type-locality: U. S. A., Texas. Ref. – Hull, 1962 (1): 157.

Genus **Pritchardia** Stuardo Ortiz, 1946

Pritchardia Stuardo Ortiz, 1946: 80. Type-species, *Dasyopogon hirtipes* Macquart, 1838 (orig. des.).
Strobilopygius Hull, 1956: 70. Type-species, *Dasyopogon hirtipes* Macquart, 1838 (orig. des.).

curicoensis Artigas, 1970a: 157, fig. 464. Type-locality: Chile, Curicó, La Jaula. Distr. – Chile (Curicó). Refs. – Artigas, 1971: 27, fig. 58; Artigas & Papavero, 1991d: 34. Type, DZUC.

hirtipes (Macquart), 1838: 46 (1839: 162) (*Dasyopogon*). Type-locality "Chile". Distr. – Chile Arauco, Cautín, Chiloé, Concepción, Llanquihue, Maule, Malleco, Ñuble, Santiago, Talca, Valdivia, Valparaíso), Argentina (Tucumán, Neuquén, Chubut). Refs. – Blanchard, 1852: 368 (*Dasyopogon*); Walker, 1854: 438 (*Dasyopogon*); Philippi, 1865: 686 (*Dasyopogon*); Williston, 1891: 71 (cat.; *Bathypogon*); Kertész, 1909: 82 (cat.; *Bathypogon*); Bromley, 1932: 265 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; n. comb.); Hull, 1956: 72 (*Strobilopygius*), 1962 (1): 36, figs. 22, 422, 809, 818, 1659, 1909, 2002; Carrera & Papavero, 1965: 49; Artigas, 1970a: 159, figs. 16-23, 412, 1971: 27, figs. 61-62; Artigas & Papavero, 1991d: 34. Type, MNHNP.

lopesi Carrera & Papavero, 1965: 49, figs. 1-2. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr. – Brazil (Rio de Janeiro, São Paulo). Ref. – Artigas & Papavero, 1991d: 34. Type, MZUSP.

puella (Bromley), 1932: 264 (*Hypenetes*). Type-locality: Chile, Llanquihue, Peulla. Distr. – Chile (Coquimbo, Valparaíso), Argentina (Neuquén). Refs. – Stuardo Ortiz, 1946: 80 (cat.; n. comb.); Hull, 1962 (1): 36, figs. 45, 1020, 1029, 1884; Carrera & Papavero, 1965: 49; Artigas, 1970a: 163, fig. 472; Artigas & Papavero, 1991d: 34. Type, BMNH.

tertialis (Bromley), 1932: 265 (*Hypenetes*). Type-locality: Chile, Llanquihue, Casa Pangué. Distr. – Chile (Arauco, Llanquihue, Malleco), Argentina (Rio Negro, Neuquén). Refs. – Stuardo Ortiz, 1946: 80 (n. comb.); Hull, 1962 (1): 154 (*Hypenetes*); Carrera & Papavero, 1965: 49; Artigas, 1970a: 161, figs. 24-27, 481, 1971: 28, figs. 59-60; Artigas & Papavero, 1991d: 34. Type, BMNH.

Genus **Prolepsis** Walker, 1851

Prolepsis Walker, 1851: 101. Type-species, *Prolepsis fumiflamma* Walker, 1851 (mon.) = *Prolepsis lucifer* (Wiedemann, 1828).
Cacodaemon Schiner, 1866: 671, 678, 702 (preocc. Thomson, 1857). Type-species, *Dasyopogon lucifer* Wiedemann, 1828 (orig. des.).

Dizonias Loew, 1861: 29. Type-species, *Dizonias phoenicurus* Loew, 1866 (sub. des., Coquillett, 1910: 534) = *Prolepsis tristis* (Walker, 1851). Ref. – Lamas M., 1973a: 30 (syn.).

Sphageus Loew, 1861: 32. Type-species, *Sphageus chalcoproctus* Loew, 1866 (mon.). Ref. – Lamas M., 1973a: 30 (syn.).

Tolmerolestes Lynch Arribálzaga, 1881: 27. Type-species, *Tolmerolestes fax* Lynch Arribálzaga, 1881 (sub. des., Kirby, 1882: 243, as *lax*, error). Ref. – Lamas M., 1973a: 30 (syn.).

Cacodaemonides Strand, 1927: 48 (unnecessary *nom. nov.* for *Cacodaemon* Schiner, 1866). Type-species, *Dasyopogon lucifer* Wiedemann, 1828 (aut.).

Ref. – Lamas M., 1973a (rev.).

chalcoprocta (Loew), 1866: 32 (*Sphageus*). Type-locality: Cuba, La Habana, Playa del Chivo. Distr. – Cuba. Refs. – Aldrich, 1905: 256 (cat.; *Sphageus*); Kertész, 1909: 82 (cat.; *Sphageus*); Bromley, 1929a: 277 (*Sphageus*); Hull, 1962 (1): 137, figs. 117, 474, 912, 921, 1576A-B, 1740, 1901, 2051, 2055 (*Sphageus*); Martin & Papavero, 1970: 15 (cat.; *Sphageus*); Lamas M., 1973a: 53, figs. 30, 48, 68-70; Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.; *Sphageus*); Artigas & Papavero, 1991d: 34. Type, BZM [no. 6491; cf. Schumann, 1973: 96].

colalao Lamas M., 1973a: 41, figs. 19-20, 36, 54, 74-76. Type-locality: Argentina, Tucumán, San Pedro Colalao. Distr. – Argentina (Catamarca, Jujuy, Mendoza, Salta, Tucumán). Ref. – Artigas & Papavero, 1991d: 34. Type, MZUSP.

costaricensis Lamas M., 1973a: 52, figs. 12, 23, 31, 49. Type-locality: Costa Rica, Liberia, 400 ft. Distr. – Costa Rica. Ref. – Artigas & Papavero, 1991d: 34. Type, CAS.

crabroniformis (Schiner), 1866: 702 (*nomen nudum*), 1867: 375 (*Cacodaemon*). Type-locality: unknown. Distr. – Brazil (Paraná), Argentina (Córdoba, Santa Fe). Refs. – Williston, 1891: 70 (cat.); Kertész, 1909: 147 (cat.); Hull, 1962 (1): 139; Martin & Papavero, 1970: 16 (cat.); Lamas M., 1973a: 55, figs. 5, 22, 28, 46; Artigas & Papavero, 1991d: 34. Type, NMW.

- elotensis** (Martin), 1966: 216, figs. 6, 8 (*Sphageus*). Type-locality: Mexico, Sinaloa, Elota. Distr. – Mexico (Sinaloa, Sonora). Refs. – Martin & Papavero, 1970: 15 (cat.; *Sphageus*); Lamas M., 1973a: 55, figs. 18, 20, 47, 65-67; Artigas & Papavero, 1991d: 34. Type, CAS.
- fax** (Lynch Arribáizaga), 1881: 30 (*Tolmerolestes*). Type-locality: Argentina, Buenos Aires, Baradero. Distr. – Argentina (San Luis, Córdoba, Buenos Aires). Refs. – Lynch Arribáizaga, 1883a: 141 (cat.; *Tolmerolestes*); Williston, 1891: 70 (cat.; *Tolmerolestes*); Hull, 1962 (1): 135 (*Tolmerolestes*); Martin & Papavero, 1970: 15 (cat.; *Tolmerolestes*); Lamas M., 1973a: 36, figs. 14, 39, 55, 77-70; Artigas & Papavero, 1991d: 34. Type, lost.
- lax** Kirby, 1882: 243 (*Tolmerolestes*), error.
- brethesi** Gemignani, 1936: 43, pl. 4 (*Tolmerolestes*). Type-locality: Argentina, San Luis, Potrero de los Funes. Refs. – Hull, 1962 (1): 135 (*Tolmerolestes*); Martin & Papavero, 1970: 15 (cat.; *Tolmerolestes*). Type, MACN.
- fenestrata** (Macquart), 1838: 53 (1839: 169) (*Senobasis*). Type-locality: Brazil, western Minas Gerais. Distr. – Brazil (Goiás, Minas Gerais, São Paulo), Paraguay (Guaira), Argentina (Chacxo, Misiones). Refs. – Walker, 1854: 500 (*Senobasis*); Williston, 1891: 68 (*Dasygogon*); Kertész, 1909: 124 (cat.; *Stenobasis*); Bromley, 1946: 106 (cat.; *Senobasis*); Hull, 1962 (1): 233 (*Blepharepium*); Lamas M., 1973a: 46, figs. 9-10, 41, 51, 89-91; Artigas & Papavero, 1991d: 35. Type, MNHNP.
- funebri** Lamas M., 1973a: 58, figs. 4, 26, 44. Type-locality: Brazil, Goiás, Jataí (Fazenda Aceiro). Distr. – Brazil (Goiás). Ref. – Artigas & Papavero, 1991d: 35. Type, MZUSP.
- huatayata** Lamas M., 1972: 306. Type-locality: Bolivia, La Paz, Huatajata, lago Titicaca. Distr. – Peru (Cuzco, Puno), Bolivia (La Paz). Ref. – Artigas & Papavero, 1991d: 35. Type, MZUSP.
- huatajata** Lamas M., 1973a: 33, figs. 13, 24, 42, 53, 80-92, error.
- indecisa** Lamas M., 1973a: 31, figs. 7, 38, 56, 71-73. Type-locality: Argentina, Tucumán, Tucumán. Distr. – Argentina (Tucumán, Catamarca, La Rioja, Jujuy, Santiago del Estero). Ref. – Artigas & Papavero, 1991d: 35. Type, MZUSP.
- lucifer** (Wiedemann), 1828: 388 (*Dasygogon*). Type-locality: Uruguay, Montevideo. Distr. – Brazil (Rio Grande do Sul), Argentina (Buenos Aires, Catamarca, Córdoba, Chubut, La Pampa, Mendoza, Neuquén, Rio Negro, San Luis, Santa Fé, Santiago del Estero, Tucumán), Uruguay (Colonia, Lavalleja, San José); ?Chile. Refs. – Walker, 1854: 432 (*Dasygogon*); Schiner, 1866: 678 (*Cacodaemon*); Lynch Arribáizaga, 1879: 152 (*Cacodaemon*), 1881: 26; Wulp, 1882b: 97; Lynch Arribáizaga, 1883a: 140 (cat.); Williston, 1891: 70 (cat.); Kertész, 1909: 147 (cat.); Bromley, 1946: 108 (cat.); Carrera, 1950b: 86, figs. 1-4, 1953a: 277; Carrera & d'Andretta, 1961: 69 (prey); Hull, 1962 (1): 139, figs. 187, 459, 919, 1763, 1766, 1947; Martin & Papavero, 1970: 16 (cat.); Lamas M., 1973a: 58, figs. 3, 27, 45, 62-64; Artigas & Papavero, 1991d: 35; Soria & Mello, 1998: 279 (biol., larva, pupa); Soria, Mello & Oliveira, 2004: 323 (larvae preying upon nymphs of *Eurhizococcus brasiliensis* (Hempel, 1922) (Hemiptera, Margarodidae)); Foldi, 2005: 120 (brief mention as predator of *Eurhizococcus brasiliensis*); Soria & Dal Conte, 2005: 3 (brief mention as predator of *Eurhizococcus brasiliensis*). Type, BZM.
- satanas** Wiedemann, 1828: 401 (*Dasygogon*). Type-locality: Uruguay, Montevideo. Refs. – Loew, 1851: 13 (*Microstylum*); Walker, 1854: 442 (*Dasygogon*); Schiner, 1866: 679 (*Cacodaemon*); Bigot, 1866: 320 (*Dasygogon*). Type, BZM.
- rufipennis** Macquart, 1838: 45 (1839: 161) (*Dasygogon*). Type-locality: Uruguay, “depuis de l’embouchure de l’Uruguay jusqu’aux Missions”. Ref. – Walker, 1854: 438 (*Dasygogon*); Lynch Arribáizaga, 1880: 29 (*Dasygogon*). Type, MNHNP.
- fumiflamma** Walker, 1851: 101, pl. 3, figs. 6, 6a. Type-locality: “Brazil”. Refs. – Walker, 1854: 437. Type, BMNH.
- quadrinotatum** Bigot, 1878: 431 (*Cacodaemon*). Type-locality: “Chile”. Refs. – Williston, 1891: 70 (cat.); Kertész, 1909: 148 (cat.); Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962: 139; Artigas, 1970a: 266, figs. 142-147, 412. Type OXF.
- martini** Lamas M., 1973a: 34, figs. 33, 59. Type-locality: Argentina, Córdoba, Villa de María. Distr. – Argentina (Córdoba). Ref. – Artigas & Papavero, 1991d: 35. Type, MZUSP.
- ?pluto** (Lynch Arribáizaga), 1881: 112 (*Tolmerolestes*). Type-locality: Argentina, Buenos Aires, Baradero. Distr. – Brazil (Rio Grande do Sul), Argentina (Buenos Aires, Catamarca, Córdoba, Jujuy, La Rioja, Salta, San Luis, Tucumán). Refs. – Lynch Arribáizaga, 1883a: 141 (cat.; *Tolmerolestes*); Williston, 1891: 70 (cat.; *Tolmerolestes*); Kertész, 1909: 148 (cat.; *Tolmerolestes*); Carrera, 1959: 2 (*Tolmerolestes*); Hull, 1962 (1): 135, figs. 472, 913, 922 (*Tolmerolestes*); Martin & Papavero, 1970: 15 (cat.; *Tolmerolestes*); Lamas M., 1973a: 38, figs. 15, 37, 57 (may be female of *fax* Lynch Arribáizaga, 1881); Artigas & Papavero, 1991d: 35. Lectotype MACN.
- rubripes** Lynch Arribáizaga, 1881: 114 (*Tolmerolestes*). Type-locality: Argentina, San Luis. Refs. – Lynch Arribáizaga, 1883a: 141 (cat.; *Tolmerolestes*); Williston, 1891: 70 (cat.; *Tolmerolestes*); Kertész, 1909: 148 (cat.; *Tolmerolestes*); Hull, 1962 (1): 134, fig. 113 (*Tolmerolestes*); Martin & Papavero, 1970: 15 (cat.; *Tolmerolestes*). Type, MACN.
- pseudopluto** Lamas M., 1973a: 40, figs. 16, 32, 61. Type-locality: Argentina, Tucumán, El Infernillo. Distr. – Argentina (Tucumán). Ref. – Artigas & Papavero, 1991d: 35. Type, MZUSP.
- rosariana** (Carrera), 1959: 2, fig. 1 (*Tolmerolestes*). Type-locality: Argentina, Rosario. Distr. – Brazil (São Paulo, Paraná, Santa Catarina), Argentina (Córdoba, Santa Fe). Refs. – Martin & Papavero, 1970: 15 (cat.; *Tolmerolestes*); Lamas M., 1973a: 43, figs. 6, 11, 43, 52, 92-94; Artigas & Papavero, 1991d: 35. Type, ZSBS.
- ?sandaraca** (Martin), 1966: 217, fig. 7 (*Sphageus*). Type-locality: Mexico, Sinaloa, Elota. Distr. – Mexico (Sinaloa). Refs. – Martin & Papavero, 1970: 15 (cat.; *Sphageus*); Lamas M., 1973a: 55 (may be female of *elotensis* Martin, 1966); Artigas & Papavero, 1991d: 35. Type, FSCA.
- tristis** (Walker), 1851: 93 (*Dasygogon*). Type-locality: “U. S. A.”. Distr. – U. S. A., Mexico (Colima, Guerrero, Jalisco, Michoacán, Morelos, Nayarit), Belize. Refs. – Walker, 1854: 423 (*Dasygogon*); Osten Sacken, 1874: 185 (*Dizonias*);

- Williston, 1891: 69 (cat.; *Dizonias*); Johnson, 1903: 112, fig. 4 (*Dizonias*); Aldrich, 1905: 257 (cat.; *Dizonias*); Kertész, 1909: 148 (cat.; *Dizonias*); Hine, 1922: 3 (*Dizonias*); Fattig, 1945: 16; Bromley, 1950: 231 (*Dizonias*); Hull, 1962 (1): 134, fig. 1927 (*Dizonias*); Martin, 1965a: 23 (*Dizonias*); Martin & Wilcox, 1965: 372 (cat.; *Dizonias*); Martin & Papavero, 1970: 14 (cat.; *Dizonias*); Lamas M., 1973a: 47, figs. 8, 35, 50, 83-88; Artigas & Papavero, 1991d: 35. Type, BMNH.
- quadrifasciatus* Bellardi, 1861: 180 (80), pl. 1, fig. 8 (*Dasygogon*). Type-locality: "Mexico". Refs. – Loew, 1866: 31 (*Dizonias*; note), 1872: 68 (*Dizonias*, note); Osten Sacken, 1874: 180 (*Dizonias*); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- lucasi* Bellardi, 1861: 181 (81), pl. 1, fig. 7 (*Dasygogon*). Type-locality: "Mexico". Refs. – Loew, 1872: 68 (*Dizonias*; note); Osten Sacken, 1874: 180 (*Dizonias*); Williston, 1901: 304 (*Dizonias*); Aldrich, 1905: 257 (cat.; *Dizonias*); Kertész, 1909: 148 (cat.; *Dizonias*); Hull, 1962 (1): 134, figs. 1770, 1773 (*Dizonias*); Martin & Papavero, 1970: 14 (cat.; *Dizonias*); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- phoenicurus* Loew, 1866: 29 (*Dizonias*). Type-locality: Mexico, Tamaulipas. Refs. – Osten Sacken, 1874: 180 (*Dizonias*); Williston, 1901: 304 (*Dizonias*); Aldrich, 1905: 257 (cat.; *Dizonias*); Kertész, 1909: 148 (cat.; *Dizonias*); Hull, 1962 (1): 134, figs. 110, 471, 951, 960 (*Dizonias*). Type, MCZ.
- bicinctus* Loew, 1866: 30 (*Dizonias*). Type-locality: U. S. A., New Mexico. Refs. – Osten Sacken, 1874: 180 (*Dizonias*), 1878: 68, 230 (cat.; *Dizonias*); Wulp, 1882: 96 (*Dizonias*); Martin & Wilcox, 1965: 372 (cat.; *Dizonias*). Type, MCZ.
- pilatei* Johnson, 1903: 112, fig. 5 (*Dizonias*). Type-locality: U. S. A., New Mexico, Tifton. Refs. – Aldrich, 1905: 257 (cat.; *Dizonias*); Kertész, 1909: 148 (cat.; *Dizonias*); Fattig, 1945: 15 (*Dizonias*); Hull, 1962 (1): 134 (*Dizonias*); Martin & Wilcox, 1965: 372 (cat.; *Dizonias*).
- albifasciatus* Back, 1904: 292 (*Ospriocerus*). Type-locality: U. S. A., Florida, Indian River. Type, ?MCZ.
- bromleyi* Carrera & d'Andretta, 1950: 164, fig. 26 (*Dizonias*). Type-locality: Mexico, Michoacán, Apatzingán. Ref. – Hull, 1962 (1): 134 (*Dizonias*). Type, FMNH.

Genus *Taperigna* Artigas & Papavero, 1991

- Taperigna*** Artigas & Papavero, 1991d: 36. Type-species, *Taperigna diogmitiformis* Artigas & Papavero, 1991 (orig. des.).
- diogmitiformis*** Artigas & Papavero, 1991d: 36, figs. 15-18. Type-locality: Brazil, Pará, Santarém (Fazenda Taperinha). Distr. – Brazil (Amazonas, Pará). Ref. – Castillo, Jerez & Artrigas, 1994 (egg chorion). Type, MZUSP.

Tribe Phellini Hardy, 1926

- Phellini G. H. Hardy, 1926: 306, 307, 309. Type-genus, *Phellus* Walker, 1851.
- Phellini Papavero, 1973a: 345, error.

Genus *Obelophorus* Schiner, 1868

- Obelophorus*** Schiner, 1866: 672 (1868: 167; second erection of genus). Type-species, *Dasygogon terebratus* Macquart, 1850 (orig. des.).
- Refs. – Artigas, 1970a: 146-158, figs. 28-33, 476, 1971: figs. 23, 25.
- landbecki*** (Philippi), 1865: 686, pl. 25, fig. 24 (*Dasygogon*). Type-locality: Chile, Valdivia, Colchagua. Neotype-locality: "Chile". Distr. – Chile (Arauco, Concepción, Maule, Ñuble, O'Higgins, Valdivia). Refs. – Schiner, 1866: 672; Williston, 1891: 70 (cat.); Kertész, 1909: 156 (cat.); Bromley, 1932: 46, figs. 28, 805, 814, 1654, 1877; Hull, 1962 (1): 46, figs. 28, 805, 814, 1654, 1877; Artigas, 1970a: 147, fig. 485; Martin & Papavero, 1970: 11 (cat.); Artigas, 1971: 15, fig. 25; Artigas & Papavero, 1993: 310. Type, lost. NT MNHNS [des. by Artigas, 1970a: 147].
- terebratus*** (Macquart), 1850: 370 (1850: 66), pl. 6, fig. 11 (*Dasygogon*). Type-locality: "Chile". Distr. – Chile (O'Higgins, Santiago, Valparaíso). Refs. – Blanchard, 1852: 366 (*Dasygogon*); Philippi, 1865: 685 (*Dasygogon*); Schiner, 1866: 672, 1868: 168; Williston, 1891: 70 (cat.); Kertész, 1909: 156 (cat.); Bromley, 1932: 263; Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962 (1): 46, fig. 401; Artigas, 1970a: 149, figs. 28-33, 476; Martin & Papavero, 1970: 11 (cat.); Artigas, 1971: 15, figs. 34-34; Artigas & Papavero, 1993: 310.

Tribe Plesiommatini Artigas & Papavero, 1991

Plesiommatini Artigas & Papavero, 1991a: 141, 142. Type-genus, *Plesiomma* Macquart, 1838.

Genus *Cystoprosopa* Hull, 1962

Plesiomma, subg. **Cystoprosopa** Hull, 1962 (1): 220. Type-species, *Plesiomma (Cystoprosopa) sepia* Hull, 1962 (orig. des.). Ref. – Artigas & Papavero, 1993: 310 (generic status).

semirufa (Wiedemann), 1828: 393 (*Dasygogon*). Type-locality: Uruguay. Montevideo (as Brazil, error) [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-101]. Distr. – Uruguay. Refs. – Walker, 1854: 443 (*Dasygogon*); Schiner, 1866: 678; Wulp, 1882b: 96; Lynch Arribálzaga, 1882: 132, 1883a: 143 (cat.); Williston, 1891: 69 (cat.); Bromley, 1946: 108 (cat.; *Plesiomma*); Hull, 1962 (1): 219; Artigas & Papavero, 1993: 310 (n. comb.). Syntypes, BZM [no. 494; cf. Schumann, 1973: 157].

sepia (Hull), 1962 (1): 221 (*Plesiomma (Cystoprosopa)*). Type-locality: Mexico, Morelos, Alpuyecá. Distr. – Mexico (Morelos). Refs. – Martin & Papavero, 1970: 22 (cat.); Artigas & Papavero, 1993: 310 (n. comb.). Type, CAS.

Genus *Dapsilochetus* Hull, 1962

Plesiomma, subg. **Dapsilochetus** Hull, 1962 (1): 219. Type-species, *Plesiomma (Dapsilochetus) inflatum* Hull, 1952 (orig. des.). Ref. – Artigas & Papavero, 1993: 311 (generic status).

inflatus (Hull), 1962 (1): 219 (*Plesiomma (Dapsilochetus)*). Type-locality: Haiti, Mount Basil, 4700 ft. Distr. – Dominican Republic (La Altagracia, Montecristi, Pedernales), Haiti. Refs. – Martin & Papavero, 1970: 22 (cat.; *Plesiomma*); Artigas & Papavero, 1993: 311 (n. comb.); Scarbrough & Perez-Gelabert, 2006: 73 (in key), 76, figs. 98-104 (*Plesiomma*). Type, MCZ.

Genus *Plesiomma* Macquart, 1838

Plesiomma Macquart, 1838: 54 (1839: 170). Type-species, *Plesiomma testaceum* Macquart, 1838 (sub. des., Back, 1909: 306) = *caedens* (Wiedemann, 1828).

Dolichodes Macquart, 1838: 49 (1839: 165). Type-species, *Dolichodes ferrugineus* Macquart, 1838 (orig. des.).

Plesiomma Schiner, 1866: 702, error.

Plesiomma, subg. *Boropis* Hull, 1962 (1): 219. Type-species, *Asilus lineatus* Fabricius, 1781 (orig. des.).

angustum (Macquart), 1848: 20 (1848: 180), pl. 1, figs. 11, 11a (*Dasygogon*). Type-locality: “Haiti”. Distr. – Dominican Republic (La Altagracia, Montecristi, Pedernales), Haiti. Refs. – Walker, 1854: 429 (*Dasygogon*); Osten Sacken, 1874: 185; Bigot, 1878: 221; Aldrich, 1905: 167 (*Dasygogon*); Hull, 1962 (1): 219 (n. comb.); Martin & Papavero, 1970: 21 (cat.); Artigas & Papavero, 1993: 311 (as unplaced sp.); Scarbrough & Perez-Gelabert, 2006: 73 (in key and text), figs. 91-97. Type, lost.

augusta Kertész, 1909: 157 (cat.; *Dolichodes*), error.

atrum Bromley, 1929b: 45. Type-locality: Mexico, Veracruz, Coatepec. Distr. – Mexico (Veracruz). Refs. – Hull, 1962 (1): 219; Martin & Papavero, 1970: 21 (cat.); Artigas & Papavero, 1993: 311. Type, USNM.

caedens (Wiedemann), 1828: 584 (*Dasygogon*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Distr. – Brazil, Paraguay. Refs. – Walker, 1854: 442 (*Dasygogon*); Schiner, 1866: 681; Williston, 1891: 69 (cat.); Kertész, 1909: 145 (cat.); Bromley, 1946: 108 (cat.); Carrera, 1947a: 43, 1959: 2; Hull, 1962 (1): 219; Martin & Papavero, 1970: 21 (cat.); Artigas & Papavero, 1993: 311. Type, SENCK [cf. Geller-Grimm, 1999: 207].

testaceum Macquart, 1838: 55 (1839: 171), pl. 5, fig. 2 (preocc. Fabricius, 1805). Type-locality: unknown. Refs. – Walker, 1854: 501; Kertész, 1909: 146 (cat.); Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.). Type, MNHNP.

ferrugineum (Macquart), 1838: 49 (1839: 165), pl. 4, fig. 1 (*Dolichodes*). Type-locality: “Brazil”. Distr. – Brazil (Santa Catarina). Refs. – Enderlein, 1924b: 174 (*Dolichodes*); Hull, 1962 (1): 219. Type, lost.

jungens Schiner, 1867: 375. Type-locality: “Brazil”. Refs. – Walker, 1854: 495 (*Dolichodes*); Williston, 1891: 71 (cat.; *Dolichodes*); Kertész, 1909: 157 (cat.; *Dolichodes*); Bromley, 1946: 108 (cat.; *Dolichodes*); Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Artigas & Papavero, 1993: 311 (syn.). Type, NMW.

fuliginosum (Wiedemann), 1821: 218 (*Dasygogon*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Wiedemann, 1828: 380 (*Dasygogon*); Walker, 1854: 446 (*Dasygogon*); Schiner, 1866: 677; Jaenicke, 1867: 359;

- Williston, 1891: 69 (cat.); Kertész, 1909: 145 (cat.); Bristowe, 1925: 483-484 (“One day [...] I had just finished watching a long-bodied Sphegid wasp, *Sphex* (sub-gen. *Isodontia*) *costipennis* Spin. (*chrysobapta* Sm. and *petiolata* Sm.) depositing a Locustid grasshopper in a hollow bamboo, when I saw, as I thought, another specimen flying close to me. I got my net ready, and then I saw the insect fly without any undue haste at an Epeirid spider, *Epeira grayi* Bl., which was sitting in the middle of its web. I seized the spider, which immediately collapsed without showing any resistance, and calmly sat in the center of the web with its proboscis buried in the spider’s abdomen. As I watched I saw a male spider, which, according to custom, had been sitting on the outskirts of the web, come quietly climbing down to see what was happening. He stopped an inch or two away and then, as though realizing his own danger, he turned round and crept quietly away. Before I left this locality (which was between Rio and Petropolis) I say another of these wasp-like Asilid flies, *Plesiomma fuliginosa* Wied. male, as they turned out to be, attack another spider of the same species in very much the same way, thus showing that this interesting reversal of the usual role of the spider and the fly was no accidental occurrence. The invitation ‘Come into my parlour said the spider to the fly’ has in this case been made once too often”); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Artigas & Papavero, 1993: 311. Type, SENCK [cf. Geller-Grimm, 1999: 209].
- ?*caminarius* Wiedemann, 1828: 585 (*Dasypogon*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1854: 443 (*Dasypogon*); Schiner, 1866: 681 (as syn. of *caedens* Wiedemann, 1828); Williston, 1891: 69 (cat.); Kertész, 1909: 145 (cat.); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 219; Martin & Papavero, 1970: 21 (cat.); Artigas & Papavero, 1993: 311 (syn.). Type, SENCK [cf. Geller-Grimm, 1999: 207].
- nigrum* Macquart, 1838: 55 (1839: 171). Type-locality: “Brazil”. Ref. – Walker, 1854: 501. Type, ?
- funestum** Loew, 1861: 35 (Cent. 7, no. 31). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Loew, 1866: 18; Osten Sacken, 1874: 177; Aldrich, 1905: 260 (cat.); Kertész, 1909: 145 (cat.); Bromley, 1929a: 276; Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.); Artigas & Papavero, 1993: 311. Type, MCZ.
- lugubris* Jaenicke, 1867: 356 (*Dioctria*). Type-locality: “Cuba”. Type, SENCK [cf. Geller-Grimm, 1999: 210].
- haemorrhoum** (Fabricius), 1805: 161 (*Laphria*). Type-locality: “South America (Smidt)”. [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Refs. – Loew, 1851: 20 (*Dasylys*); Hansen, 1883: pl. 4, fig. 13; Kertész, 1909: 146 (cat.); Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Artigas & Papavero, 1993: 311. Type, COPN [cf. Zimsen, 1964: 469].
- haemorrhoea* Zimsen, 1964: 469 (*Laphria*), error.
- indecorum** Loew, 1866: 19 (Cent. 7, no. 33). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Johnson, 1894: 274; Aldrich, 1905: 260 (cat.); Kertész, 1909: 146 (cat.); Bromley, 1929a: 276, pl. 1, fig. 12; Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.); Artigas & Papavero, 1993: 311. Type, MCZ.
- longiventris* Schiner, 1867: 375. Type-locality: “Cuba”. Ref. – Aldrich, 1905: 261 (cat.); Kertész, 1909: 146 (cat.). Type, NMW.
- leptogaster** (Perty). 1833: 180, pl. 36, fig. 2 (*Laphria*). Type-locality: Brazil, Bahia. Refs. – Walker, 1854: 504 (*Dasypogon*); Williston, 1891: 67 (cat.; *Dasypogon*); Kertész, 1909: 129 (cat.; *Dasypogon*); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 219, 228 (*Dasypogon*); Maldonado-Capriles & Navarro, 1967: 52; Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.); Artigas & Papavero, 1993: 311. Type, ZSBS.
- lineatum** (Fabricius), 1781: 465 (*Asilus*). Type-locality: “St. Croix Island”. Distr. – Mexico (Yucatán), Virgin Islands (St. Croix). Refs. – Fabricius, 1787: 360 (*Asilus*); Olivier, 1789: 269 (*Asilus*); Gmelin, 1792: 2900 (*Asilus*); Fabricius, 1794: 386 (*Asilus*); 1805: 167 (*Dasypogon*); Wiedemann, 1821: 221 (*Dasypogon*), 1828: 385 (*Dasypogon*); Walker, 1854: 428 (*Dasypogon*); Schiner, 1866: 677, 1867: 374; Aldrich, 1905: 260 (cat.); Kertész, 1909: 146 (cat.; as *leptogastrum*); Bromley, 1929a: 276; Carrera & d’Andretta, 1950: 166; Hull, 1962 (1): 219 [*Plesiomma* (*Boropsis*)]; Farr, 1965: 7, figs. 1-2; Martin & Papavero, 1970: 22 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.); Artigas & Papavero, 1993: 311; Scarbrough & Perez-Gelabert, 2006: 80. Type, KIEL (only wings remaining) [cf. Zimsen, 1964: 470].
- loewi** Artigas & Papavero, 1993: 311 (*nom. nov* for *leptogaster* Loew, 1866). Type-locality: “Cuba”.
- leptogaster* Loew, 1866: 18 (preocc. Perty, 1833). Type-locality: “Cuba”. Refs. – Aldrich, 1905: 146 (cat.); Kertész, 1909: 146 (cat.); Martin & Papavero, 1970: 22 (cat.). Type, ?
- macrum** Loew, 1861: 35 (Cent. 7, no. 34). Type-locality: “Cuba”. Distr. – Cuba. Refs. – Loew, 1866: 20; Aldrich, 1905: 261 (cat.); Kertész, 1909: 146 (cat.); Scarbrough & Perez-Gelabert, 2006: 81. Type, MCZ.
- salti** Bromley, 1929a: 277. Type-locality: Cuba, Soledad. Distr. – Cuba. Refs. – Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Alayo Dalmau & Garcia Ávila, 1983: 45 (cat.); Artigas & Papavero, 1993: 311. Type, MCZ.
- simile** Scarbrough & Perez-Gelabert, 2006: 73 (in key), 81, figs. 105-111, 122. Type-locality: Dominican Republic, Barahona, nr. Filipinas Larimar Mine. Distr. – Dominican Republic (Barahona, San Cristóbal). Type, FSCA.
- testaceum** (Fabricius), 1805: 167 (*Dasypogon*). Type-locality: South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Guyana. Refs. – Wiedemann, 1821: 222 (*Dasypogon*), 1828: 386 (*Dasypogon*); Walker, 1854: 431 (*Dasypogon*); Schiner, 1866: 677; Williston, 1891: 68 (cat.); Kertész, 1909: 146 (cat.); Curran, 1934c: 331; Hull, 1962 (1): 219; Martin & Papavero, 1970: 22 (cat.); Artigas & Papavero, 1993: 311. Syntypes, COPN, KIEL (in bad condition) [cf. Zimsen, 1964: 470].

Tribe *Stenopogonini* Hull, 1962Genus *Ospriocerus* Loew, 1866

- Ospriocerus** Loew, 1866: 29 (Cent. 7, no. 51). Type-species, *Dasygogon aecus* Wiedemann, 1828 (sub. des., Back, 1909: 184) = *Ospriocerus abdominalis* (Say, 1824).
- abdominalis** (Say), 1824: 50 (1859: 64) (*Asilus*). Type-locality: U. S. A., “Northwest Territory”. Distr. – U. S. A., Mexico (Coahuila, Chihuahua, Durango, Nuevo León, San Luis Potosí). Refs. – Coquillett, 1898: 37; Aldrich, 1905: 255 (cat.); Kertész, 1909: 81 (cat.); Brown, 1929: 301, pl. 29, figs. 12-15; Baker, 1939: 167; Hull, 1962 (1): 129, figs. 89, 1722, 1728; Martin, 1965a: 23; Martin & Wilcox, 1965: 381 (cat.); Martin & Papavero, 1970: 13 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312.
- aecus** Wiedemann, 1828: 390 (*Dasygogon*; *nom. nov.* for *abdominalis* Say, 1824, when preocc. in *Dasygogon*). Type-locality: U. S. A., “Northwest Territory”. Refs. – Walker, 1854: 425 (*Dasygogon*); Schiner, 1866: 678 (*Dasygogon*); Loew, 1866: 29; Osten Sacken, 1877: 290; Williston, 1883: pl. 1, figs. 5, 5a; Osten Sacken, 1887: 168.
- spathulatus** Bellardi, 1861: 182 (82), pl. 1, fig. 9 (*Dasygogon*). Type-locality: “Mexico”. Refs. – Loew, 1872: 68 (note); Aldrich, 1905: 255 (cat.); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- aeacides** Loew, 1866: 29 (Cent. 7, no. 51). Type-locality: U. S. A., California. Ref. – Artigas & Papavero, 1993: 312. Type, MCZ.
- ventralis** Coquillett, 1898: 37. Type-locality: U. S. A., Arizona. Refs. – Aldrich, 1905: 255 (cat.); Kertész, 1909: 81 (cat.); Martin & Wilcox, 1965: 381 (cat., syn.).
- aeacidinus** (Williston), 1886: 289 (*Stenopogon*). Type-locality: U. S. A., Kansas. Distr. – U. S. A. (Kansas, Montana, Wyoming, Colorado, Nevada, Kansas, Oklahoma, Texas), Mexico (Coahuila, Tamaulipas). Refs. – Bromley, 1935c: 2 (*Stenopogon*); Baker, 1939: 167 (*Stenopogon*); Martin & Wilcox, 1965: 381 (cat.; n. comb.).
- alamoensis** Martin, 1968c: 409, figs. 17, 50, 60. Type-locality: Mexico, Sinaloa, Ellota. Distr. – Mexico (Sinaloa). Refs. – Martin & Papavero, 1970: 13 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, CAS.
- arizonensis** (Bromley), 1937a: 305 (*Stenopogon*). Type-locality: U. S. A., New Mexico, Albuquerque. Distr. – U. S. A. (New Mexico), Mexico (Sonora, Chihuahua). Refs. – Martin & Wilcox, 1965: 381 (cat.; n. comb.); Martin & Papavero, 1970: 13 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, USNM.
- brevis** Martin, 1968c: 406 (in key), 411, figs. 49, 58. Type-locality: U. S. A., California, Kern County, Randsburg. Distr. – U. S. A. (Arizona, California, Nevada), Mexico (Baja California, Sonora). Type, UCD.
- diversus** Williston, 1901: 303, pl. 5, fig. 16. Type-locality: Mexico, Guerrero, Venta de Zopilote. Distr. – Mexico (Guerrero, Oaxaca). Refs. – Aldrich, 1905: 255 (cat.); Kertész, 1909: 81 (cat.); Hull, 1962 (1): 129, fig. 427, 898, 907; Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- evansi** Martin, 1968c: 423, figs. 16, 51, 64. Type-locality: Mexico, Guerrero, Iguala. Distr. – Mexico (Morelos, Guerrero). Refs. – Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, CAS.
- latipennis** (Loew), 1866: 28 (Cent. 7, no. 49) (*Stenopogon*). Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (New Mexico), Mexico (Tamaulipas). Refs. – Baker, 1939: 167 (*Stenopogon*); Carrera & d’Andretta, 1950: 166 (*Stenopogon*); Martin & Wilcox, 1965: 381 (cat.; n. comb.); Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, MCZ.
- consanguineus** Loew, 1866: 27 (Cent. 7, no. 49) (*Stenopogon*). Type-locality: U. S. A., Nebraska. Ref. – Martin & Wilcox, 1965: 381 (cat.; syn.). Type, MCZ.
- longulus** (Loew), 1866: 28 (Cent. 7, no. 50) (*Stenopogon*). Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (New Mexico), Mexico (Chihuahua, Tamaulipas, San Luis Potosí). Refs. – Bromley, 1935c: 2 (*Stenopogon*); Martin & Wilcox, 1965: 381 (cat.; n. comb.); Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, MCZ.
- minos** Osten Sacken, 1887: 291. Type-locality: Mexico, Sonora. Distr. – U. S. A., Mexico (Coahuila, Sonora). Refs. – Coquillett, 1898: 37; Aldrich, 1905: 255 (cat.); Kertész, 1909: 81 (cat.); Baker, 1939: 167; Hull, 1962 (1): 129; Martin & Wilcox, 1965: 382 (cat.); Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, BMNH.
- nitens** (Coquillett), 1904c: 34 (*Stenopogon*). Type-locality: U. S. A., Texas. Distr. – U. S. A. (Texas), Mexico (Tamaulipas). Refs. – Hull, 1962 (1): 129; Martin & Wilcox, 1965: 382 (cat.); Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, USNM.
- monki** Bromley, 1934d: 225. Type-locality: U. S. A., Texas.
- painterorum** Martin, 1968c: 417, figs. 25, 37. Type-locality: Mexico, Coahuila, 58 miles north of Monclova. Distr. – Mexico (Coahuila). Refs. – Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, CAS.
- sinaloensis** Martin, 1968c: 418, figs. 27, 43. Type-locality: Mexico, Sonora, Navojoa. Distr. – Mexico (Coahuila, Sonora). Refs. – Martin & Papavero, 1970: 14 (cat.; *Stenopogon* (*Ospriocerus*)); Artigas & Papavero, 1993: 312. Type, CAS.

- tenebrosus** (Coquillett), 1904c: 33 (*Stenopogon*). Type-locality: U. S. A., Texas, Brownville. Distr. – U. S. A. (Texas), Mexico (Chihuahua). Refs. – Kertész, 1909: 80 (cat.; *Stenopogon*); Schaeffer, 1916: 65 (*Stenopogon*); Martin & Wilcox, 1965: 381 (cat.; n. comb.); Martin & Papavero, 1970: 14 (cat.; *Stenopogon (Ospriocerus)*); Artigas & Papavero, 1993: 312. Type, USNM.
- tequilae** Martin, 1968c: 419, figs. 4-5, 46, 60. Type-locality: Mexico, Jalisco, Tequila. Distr. – U. S. A. (Arizona), Mexico (Jalisco, Nayarit, Sinaloa, Oaxaca, Campeche). Refs. – Martin & Papavero, 1970: 14 (cat.; *Stenopogon (Ospriocerus)*); Artigas & Papavero, 1993: 312. Type, CAS.
- youngi** Martin, 1968c: 421, figs. 20, 36. Type-locality: Mexico, Tamaulipas, Monté, 800 ft. Distr. – Mexico (Tamaulipas). Refs. – Martin & Papavero, 1970: 14 (cat.; *Stenopogon (Ospriocerus)*); Artigas & Papavero, 1993: 312. Type, CAS.

Genus *Scleropogon* Loew, 1866

- Scleropogon** Loew, 1866: 26 (Cent. 7, no. 45). Type-species, *Scleropogon picticornis* Loew, 1866 (orig. des.).
- dispar** (Bromley), 1937a: 306 (*Stenopogon*). Type-locality: U. S. A., Arizona, Patagonia. Distr. – U. S. A. (Arizona), Mexico. Refs. – Hull, 1962 (1): 124; Wilcox, 1971: 97, figs. 236-239. Type, KU.
- duncani** (Bromley), 1937a: 307 (*Stenopogon*). Type-locality: U. S. A., New Mexico, Silver City. Distr. – U. S. A. (New Mexico), Mexico (Sonora). Refs. – Hull, 1962 (1): 124; Martin & Papavero, 1970: 12 (cat.; *Stenopogon*); Wilcox, 1971: 98, figs. 212-215; Artigas & Papavero, 1993: 312. Type, CAS.
- haigi** Wilcox, 1971: 100, figs. 240-243. Type-locality: U. S. A., Arizona, 10 miles east of Nogales. Distr. – U. S. A. (Arizona), Mexico (Durango, Sinaloa). Type, UCD.
- indistinctus** (Bromley), 1937a: 308 (*Stenopogon*). Type-locality: U. S. A., Arizona, White Mts. Distr. – U. S. A. (Arizona), Mexico (Zacatecas, Chihuahua, Tamaulipas). Refs. – Carrera & d'Andretta, 1950: 166, figs. 21, 41; Hull, 1962 (1): 124; Martin & Papavero, 1970: 12 (cat.; *Stenopogon*); Wilcox, 1971: 105, figs. 254-257; Artigas & Papavero, 1993: 312. Type, CAS.
- lugubris** Williston, 1901: 304. Type-locality: Mexico, Guerrero, Dos Arroyos. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 256 (cat.); Kertész, 1909: 76 (cat.); Hull, 1962 (1): 124 (*Stenopogon*); Martin & Papavero, 1970: 12 (cat.; *Stenopogon*); Artigas & Papavero, 1993: 312; Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Type, BMNH.
- oaxacensis** (Martin), 1968b: 390, fig. 4 (*Stenopogon*). Type-locality: Mexico, Oaxaca, El Camarón. Distr. – Mexico (Oaxaca). Refs. – Martin & Papavero, 1970: 12 (cat.; *Stenopogon*); Artigas & Papavero, 1993: 312. Type, CAS.
- petilus** (Martin), 1968b: 302, figs. 11, 18, 30 (*Stenopogon*). Type-locality: Mexico, Sonora, Guaymas. Distr. – Mexico (Sonora). Refs. – Martin & Papavero, 1970: 12 (cat.; *Stenopogon*); Wilcox, 1971: 110 (as probable syn. of *picticornis* Loew, 1866); Artigas & Papavero, 1993: 312. Type, CAS.
- picticornis** Loew, 1866: 26. Type-locality: U. S. A., California. Distr. U. S. A. (Arizona, California, Colorado, Kansas, Montana, Nevada, New Mexico, South Dakota, Texas, Wyoming), Mexico (Baja California Sur, Chihuahua, Sonora). Refs. – Coquillett, 1904b: 179; Aldrich, 1905: 256 (cat.); Back, 1909: 209 (*Stenopogon (Scleropogon)*); Kertész, 1909: 76 (cat.); Hull, 1962 (1): 124; Wilcox, 1971: 108, figs. 260-263. Type, MCZ.
- texanus** (Bromley), 1931b: 431 (*Stenopogon*). Type-locality: U. S. A., Texas, Dilley. Distr. – U. S. A. (Texas), Mexico (Tamaulipas). Refs. – Hull, 1962 (1): 124; Martin & Papavero, 1970: 13 (cat.; *Stenopogon*); Wilcox, 1971: 111, figs. 228-231; Artigas & Papavero, 1993: 312. Type, OSU.

Genus *Stenopogon* Loew, 1847

- Dasyopogon*, subg. **Stenopogon** Loew, 1847: 453. Type-species, *Asilus sabaudus* Fabricius, 1794 (sub. des., Coquillett, 1910: 179).
- albalulus** Martin, 1968b: 374. Type-locality: Mexico, Michoacán, Apatzingán. Distr. – Mexico (Michoacán). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- indistinctus* Bromley of Carrera & d'Andretta, 1950: 166, misident.
- arnaudi** Martin, 1968b: 375, figs. 13, 22. Type-locality: Mexico, Baja California Norte, Sierra San Pedro Mártir, Rancho Viejo, 7000 ft. Distr. – U. S. A. (Arizona, California), Mexico (Baja California). Refs. – Martin & Papavero, 1970: 12 (cat.); Wilcox, 1971: 16; Artigas & Papavero, 1993: 313. Type, CAS.
- blaisdelli** Wilcox, 1971: 41, figs. 72-75. Type-locality: U. S. A., California, San Diego County, Coronado. Distr. – U. S. A. (California), Mexico. Type, CAS.
- boharti** Bromley, 1951: 6. Type-locality: U. S. A., Arizona, Yuma. Distr. – U. S. A. (California, Arizona), Mexico. Refs. – Hull, 1962 (1): 124; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1971: 27, figs. 36-39. Type, AMNH.
- rossi* Martin, 1968b: 393, fig. 2. Type-locality: Mexico, Baja California Sur, Coyote Cove, Concepción Bay. Ref – Martin

- & Papavero, 1970: 13 (cat.); Wilcox, 1971: 27 (syn.); Artigas & Papavero, 1993: 313. Type, CAS.
- breviusculus** Loew, 1872a: 68 (Cent. 10, no. 28). Type-locality: U. S. A., California. Distr. – U. S. A. (California), Mexico. Refs. – Aldrich, 1905: 256 (cat.); Back, 1909: 1906, pl. 12, fig. 3; Kertész, 1909: 77 (cat.); Bromley, 1937a: 299, fig. 1; Hull, 1962 (1): 124; Martin & Wilcox, 1965: 383 (cat.); Wilcox, 1971: 30, figs. 40-43. Type, MCZ.
- colimae** Martin, 1968b: 377, fig. 16. Type-locality: México, Colima, Vulcano. Distr. – Mexico (Colima). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, USNM.
- dorothyae** Martin, 1968b: 378, fig. 26. Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero, Morelos, Oaxaca). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- elizabethae** Martin, 1968b: 379, figs. 15, 20, 33. Type-locality: Mexico, Chihuahua. Distr. – Mexico (Chihuahua). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- felis** Bromley, 1931b: 429. Type-locality: U. S. A., California, Coronado. Distr. – U. S. A. (California), Mexico. Refs. – Hull, 1962 (1): 124; Martin & Wilcox, 1965: 384 (cat.); Wilcox, 1971: 65, figs. 144-147. Type, OSU.
- flavotibialis** Martin, 1968b: 380, figs. 8, 31. Type-locality: Mexico, Baja California Norte, Sierra San Pedro Mártir, La Grulla, 6900 ft. Distr. – Mexico (Baja California Norte). Refs. – Martin & Papavero, 1970: 12 (cat.); Wilcox, 1971: 75, figs. 140-143; Artigas & Papavero, 1993: 313. Type, CAS.
- fuscolumbatus** Bigot, 1878: 421. Type-locality: “Mexico”. Distr. – Mexico (Guerrero, Morelos, Oaxaca). Refs. – Williston, 1883: 33; Aldrich, 1905: 256 (cat.); Kertész, 1909: 78 (cat.); Hull, 1962 (1): 124; Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313; Papavero & Ibáñez Bernal, 2001: 121 (hist. Mexican dipterol). Type, OXF.
- galbinus** Martin, 1968b: 385, fig. 24. Type-locality: “Mexico”. Distr. – Mexico. Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, USNM.
- hamus** Martin, 1968b: 385, fig. 1. Type-locality: Mexico, Baja California Norte, Sierra San Pedro Mártir, La Grulla, 6900 ft. Distr. – Mexico (Baja California). Refs. – Martin & Papavero, 1970: 12 (cat.); Wilcox, 1971: 55, figs. 104-107; Artigas & Papavero, 1993: 313. Type, CAS.
- hiemalis** Martin, 1968b: 386, fig. 29. Type-locality: Mexico, Oaxaca, Tangola Bay. Distr. – Mexico (Oaxaca). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, AMNH.
- jubatus** (Coquillett) in Baker, 1904: 38 (*Scleropogon*). Type-locality: U. S. A., California, Claremont. Distr. – U. S. A. (California), Mexico. Refs. – Back, 1909: 195; Kertész, 1909: 76 (cat., *Scleropogon*); Hull, 1962 (1): 124; Martin & Wilcox, 1965: 384 (cat.). Type, USNM.
- nigroverticellus* Bromley, 1937a: 298. Type-locality: U. S. A., California, San Diego. Refs. – Hull, 1962 (1): 124; Wilcox, 1971: 56 (syn.). Type, KU.
- nigritulus** Coquillett, 1904b: 179. Type-locality: U. S. A., California, Los Angeles County. Distr. – U. S. A. (California), Mexico (Baja California Norte). Refs. – Back, 1909: 197; Kertész, 1909: 79 (cat.); Hull, 1962 (1): 124; Martin & Wilcox, 1965: 384 (cat.); Wilcox, 1971: 22, figs. 24-27. Type, USNM.
- nigrolimbatus** Martin, 1968b: 389, fig. 9. Type-locality: Mexico, Nuevo León, Galeana. Distr. – Mexico (Nuevo León). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- ortegai** Martin, 1968b: 391, figs. 10, 28, 32. Type-locality: Mexico, Guerrero, Chilpancingo, 1600 ft. Distr. – Mexico (Guerrero). Refs. – Martin & Papavero, 1970: 12 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- setosus** Bezark, 1984: 53, figs. 1-4. Type-locality: Costa Rica, Guanacaste, 4 km northwest of Canas. Distr. – Costa Rica (Guanacaste). Type, CAS.
- silaceus** Martin, 1968b: 394, figs. 5, 23, 35. Type-locality: Mexico, Guanajuato, Celaya. Distr. – Mexico (Guanajuato, Morelos, San Luis Potosí, Zacatecas). Refs. – Martin & Papavero, 1970: 13 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.
- stonei** Bromley, 1937a: 298. Type-locality: Mexico, Baja California Norte, Ensenada. Distr. – Mexico (Baja California). Refs. – Hull, 1962 (1): 124; Martin, 1968b: 372, 394; Martin & Papavero, 1970: 13 (cat.); Wilcox, 1971: 63, figs. 136-139; Artigas & Papavero, 1993: 313. Type, CAS.
- surrufus** Martin, 1968b: 395, figs. 12, 19. Type-locality: Mexico, Guerrero, Mexcala. Distr. – Mexico (Guerrero). Refs. – Martin & Papavero, 1970: 13 (cat.); Artigas & Papavero, 1993: 313. Type, CU.
- truquii** (Bellardi), 1861: 176 (76), pl. 1, fig. 10 (*Dasypogon*). Type-locality: “Mexico”. Distr. – Mexico (Morelos, Veracruz). Refs. – Osten Sacken, 1887: 256 (*Scleropogon*); Williston, 1901: 256 (*Scleropogon*); Kertész, 1909: 76 (cat., *Scleropogon*); Hull, 1962 (1): 124 (*Scleropogon*); Martin & Papavero, 1970: 13 (cat.); Artigas & Papavero, 1993: 313; Papavero & Ibáñez Bernal, 2001: 107 (hist. Mexican dipterol). Type, TORO.
- wilcoxi** Bromley, 1937a: 300. Type-locality: U. S. A., California, San Diego Co. Distr. – U. S. A. (California), Mexico. Refs. – Hull, 1962 (1): 124; Martin & Wilcox, 1965: 384 (cat.); Wilcox, 1971: 87, figs. 200-203. Type, KU.
- williamsi** Wilcox, 1971: 38, figs. 68-71. Type-locality: U. S. A., California, San Diego County, La Mesa. Distr. – U. S. A. (California), Mexico. Type, CAS.
- xochimilcae** Martin, 1968b: 396, figs. 6, 25. Type-locality: Mexico, Distrito Federal, Xochimilco. Distr. – Mexico (Distrito Federal, Jalisco). Refs. – Martin & Papavero, 1970: 13 (cat.); Artigas & Papavero, 1993: 313. Type, USNM.
- truquii* Bellardi of Williston, 1901: 256, misident.
- zebra** Martin, 1968b: 397, figs. 7, 27, 34. Type-locality: Mexico, Guerrero, Chilpancingo. Distr. – Mexico (Guerrero). Refs. – Martin & Papavero, 1970: 13 (cat.); Artigas & Papavero, 1993: 313. Type, CAS.

Tribe Tillobromatini Artigas & Papavero, 1991

Tillobromini Artigas & Papavero, 1991a: 141, 143. Type-genus, *Tillobroma* Hull, 1962.
Tillobromatini Sabrosky, 1999: 308, corrected spelling.

Genus Euthrixius Artigas, 1971

Euthrix Philippi, 1865: 690 (preocc. Meigen, 1930). Type-species, *Dasyopogon venustus* Philippi, 1865 (sub. des., Martin & Papavero, 1970: 17).

Euthrixius Artigas, 1971: 22 (*nom. nov.* for *Euthrix* Philippi, 1865). Type-species, *Dasyopogon venustus* Philippi, 1865 (aut.).

distinguendus (F. Lynch Arribálzaga) in E. Lynch Arribálzaga, 1881: 121 (*Scylaticus*). Type-locality: Argentina, Buenos Aires, Chacabuco. Distr. – Argentina (Buenos Aires). Refs. – Lynch Arribálzaga, 1883a: 142 (cat.; *Scylaticus*); Osten Sacken, 1891: 418 (*Scylaticus*); Kertész, 1909: 103 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*); Martin & Papavero, 1970: 17 (cat.; *Scylaticus*); Artigas & Papavero, 1991e: 18 (n. comb.). Type, lost.

rufipes (Philippi), 1865: 691 (*Dasyopogon*). Type-locality: “Chile”. Neotype-locality: Chile, Curicó, Estero La Jaula. Distr. – Chile (Aconcagua, Curicó, Valparaíso). Refs. – Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 131 (cat.; *Dasyopogon*); Stuardo Ortiz, 1946: 82 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Artigas, 1970a: 178, figs. 159, 161-163, 451 (*Scylaticus*); Martin & Papavero, 1970: 18 (cat.; *Scylaticus*); Artigas, 1971: 22; Artigas & Papavero, 1991e: 18. Type, lost. NT DZUC [des. by Artigas, 19760: 178].

philippii Schiner, 1868: 163 (*Scylaticus*). Type-locality: “Chile”. Refs. – Williston, 1891: 73 (cat.; *Scylaticus*); Kertész, 1909: 104 (cat.; *Scylaticus*); Stuardo Ortiz, 1946: 81 (cat.; *Scylaticus*); Hull, 1962 (1): 1945 (*Scylaticus*); Martin & Papavero, 1970: 18 (syn.). Type, NMW.

rubripes Bigot, 1878: 435 (*Scylaticus*). Type-locality: “Chile”. Refs. – Williston, 1891: 73 (cat.; *Scylaticus*); Kertész, 1909: 104 (cat.; *Scylaticus*); Stuardo Ortiz, 1946: 81 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*); Martin & Papavero, 1970: 18 (syn.). Type, OXF.

venustus (Philippi), 1865: 689 (*Dasyopogon*). Type-locality: Chile, near Santiago. Neotype-locality: Chile, Santiago, El Canelo. Distr. – Chile (Coquimbo, Santiago, Valparaíso). Refs. – Bigot, 1878: 221 (*Scylaticus*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 104 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*); Artigas, 1970a: 180, figs. 151, 160, 164, 427 (*Scylaticus*); Martin & Papavero, 1970: 18 (cat.); Artigas, 1971: 22, figs. 65-66 (n. comb.); Artigas & Papavero, 1991e: 18. Type, lost. NT DZUC [des. by Artigas, 1970a: 180].

Genus Grajahua Artigas & Papavero, 1991

Grajahua Artigas & Papavero, 1991e: 19. Type-species, *Grajahua lopesi* Artigas & Papavero, 1991 (orig. des.).

lopesi Artigas & Papavero, 1991e: 20, figs. 1-4. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Grajaú). Distr. – Brazil (Rio de Janeiro). Type, MZUSP.

Genus Scylaticina Artigas & Papavero, 1991

Scylaticina Artigas & Papavero, 1991e: 21. Type-species, *Scylaticina tucumana* Artigas & Papavero, 1991 (orig. des.).

tucumana Artigas & Papavero, 1991e: 23, figs. 9, 17. Type-locality: Argentina, Tucumán, San Pedro Colalao. Distr. – Argentina (Tucumán). Type, IML.

Genus Scylaticodes Artigas & Papavero, 1991

Scylaticodes Artigas & Papavero, 1991e: 23. Type-species, *Dasyopogon chilensis* Macquart, 1850 (orig. des.).

carrascoi (Artigas), 1974b: 5, figs. 1-10 (*Scylaticus*). Type-locality: Peru, Cuzco, Urubamba. Distr. – Peru (Cuzco, Puno),

- Chile Arica). Ref. – Artigas & Papavero, 1991e: 26 (n. comb.). Type, DZUC.
- chilensis** (Macquart), 1850: 48 (*Dasygogon*). Type-locality: “Chile”. Distr. – Chile (Coquimbo, O’Higgins, Santiago). Refs. – Blanchard, 1852: 367 (*Dasygogon*); Stuardo Ortiz, 1946: 84 (cat.; *Dasygogon*); Hull, 1962 (1): 228 (*Dasygogon*); Artigas, 1970a: 172, figs. 148, 152, 154-155, 465 (*Scylaticus*), 1971: 29, figs. 63-64 (*Scylaticus*); Artigas & Papavero, 1991e: 26 (n. comb.). Type, MNHNP.
- tricolor* Philippi, 1865: 688 (*Dasygogon*). Type-locality: Chile, Colchagua. Refs. – Bigot, 1878: 221 (*Dasygogon*); Williston, 1891: 73 (cat., *Scylaticus*); Kertész, 1909: 104 (cat.; *Scylaticus*); Stuardo Ortiz, 1946: 81 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*). Type, MNHNS.
- cuneigaster** (Artigas), 1970a: 174, figs. 150, 153, 156, 429 (*Scylaticus*). Type-locality: Chile, Atacama, Carrizal Bajo, Quebrada Algodones. Distr. – Chile (Atacama). Ref. – Artigas & Papavero, 1991e: 26 (n. comb.). Type, DZUC.
- lugens** (Philippi), 1865: 689 (*Dasygogon*). Type-locality: Chile, Colchagua. Neotype-locality: Chile, Valparaíso, Granizo. Distr. – Chile (Santiago, Talca, Valparaíso). Refs. – Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 129 (cat.; *Dasygogon*); Hull, 1962 (1): 228 (*Dasygogon*); Artigas, 1970a: 176, figs. 148, 157-158, 450; Artigas & Papavero, 1991e: 26 (n. comb.). Type, lost. NT DZUC [des. by Artigas, 1970a: 176].

Genus *Tillobroma* Hull, 1962

- Clavator* Philippi, 1865: 699 (preocc. Martens, 1860). Type-species, *Clavator punctipennis* Philippi, 1865 (sub. des., Hull, 1962: 152).
- Hypenetes*, subg. ***Tillobroma*** Hull, 1962 (1): 154. Type-species, *Clavator punctipennis* Philippi, 1865 (orig. des.). Ref. – Artigas & Papavero, 1991: 26 (generic status).
- Hypenetes* Loew of authors, misident.

Ref. – Artigas, Lewis & Parra, 2005 (rev.).

- aconcaguana** Artigas, Lewis & Parra, 2005: 531, figs. 7A-F, 34A. Type-locality: Chile, Aconcagua. Distr. – Chile (Aconcagua). Type, DZUC.
- angulata** Artigas, Lewis & Parra, 2005: 532, figs. 8A-D, 8F, 27F, 34B. Type-locality: Chile, Ñuble, Cardillera de Chillán, Invernada. Distr. – Chile (Ñuble). Type, DZUC.
- asiliformis** (Wulp), 1882b: 101 (*Hypenetes*). Type-locality: “Argentina”. Distr. – Chile (Magallanes), Argentina (Chubut, Río Negro, Neuquén). Refs. – Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Hull, 1962 (1): 154 (*Hypenetes* (*Tillobroma*)); Artigas, 1970a: 127, figs. 87-91, 504 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 548, figs. 8E, 8G-9D, 26E, 30D. Type, ZMA. [NT DZUC invalid, des. by Artigas, Lewis & Parra, 1991: 26].
- critesi** (Artigas), 1970a: 128, figs. 92-93, 95, 97, 428 (*Hypenetes*). Type-locality: Chile, Aysén, Balmaceda. Distr. – Chile (Arauco, Aysén, Biobío, Cautín, Curicó, Linares, Llanquihue, Malleco, Ñuble, Osorno, Valdivia), Argentina (Río Negro). Refs. – Artigas, 1971: 24, figs. 46-47 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 549, figs. 10A-G, 28D, 30C. Type, DZUC.
- davidsoni** (Artigas), 1970a: 130, figs. 94, 96, 98-99, 420 (*Hypenetes*). Type-locality: Chile, Maule, Cauquenes. Distr. – Chile (Concepción, Curicó, Linares, Maule, Ñuble, O’Higgins, Santiago, Valparaíso). Refs. – Artigas, 1971: 25, figs. 53-54 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 550, figs. 11A-G, 27D, 34C. Type, DZUC.
- digitata** (Artigas), 1970a: 132, figs. 100-101, 103-105, 484 (*Hypenetes*). Type-locality: Chile, Concepción, Lota-Colcura. Distr. – Chile (Arauco, Cautín, Concepción, Curicó, Malleco, Santiago, Valdivia, Valparaíso). Refs. – Artigas, 1971: 25, figs. 51-52 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 551, figs. 12A-F, 27B, 33A. Type, DZUC.
- fucosa** (Artigas), 1970a: 134, figs. 102, 106-107, 109, 468 (*Hypenetes*). Type-locality: Chile, Arauco, Cordillera de Nahuelbuta, Pichinahuel. Distr. – Chile (Arauco, Malleco, Ñuble, Osorno, Talca). Refs. – Artigas, 1971: 25, figs. 56-57 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 552, figs. 13A-F, 27G, 33C. Type, DZUC.
- fucosoides** Artigas, Lewis & Parra, 2005: 552, figs. 14A-F, 28C, 33D. Type-locality: Chile, Arauco, Nahuelbuta (Parque Cabrería). Distr. – Chile (Arauco, Curicó, Malleco, Valdivia). Type, DZUC.
- fulvicornis** (Macquart), 1846: 195 (1846: 67), pl. 7, fig. 1 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Peru, Bolivia, Brazil (Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Tucumán). Refs. – Walker, 1854: 440 (*Dasygogon*); Schiner, 1868: 159 (*Hypenetes*); Reed, 1888: 188 (*Hypenetes*); Williston, 1891: 71 (cat.; *Hypenetes*); Engel, 1930: 474 (*Hypenetes*); Bromley, 1932: 264 (*Hypenetes*); Carrera, 1945b: 170 (*Hypenetes*); Bromley, 1946: 105 (cat.; *Hypenetes*); Carrera & d’Andretta, 1952: 254 (*Hypenetes*; preys); Hull, 1962 (1): 154 (*Hypenetes*); Carrera & Papavero, 1965: 53 (*Hypenetes* (*Tillobroma*)); Martin & Papavero, 1970: 19 (cat.; *Hypenetes*); Lamas M., 1972: 306 (cat.; *Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 554, figs. 15A-G, 30A. Type, MNHNP.

- huasquina** Artigas, Lewis & Parra, 2005: 555, figs. 16A-F, 33B. Type-locality: Chile, Huasco, 10.3 km north of Puerto Huasco. Distr. – Chile (Atacama, Huasco). Type, DZUC.
- leucoptera** Artigas, Lewis & Parra, 2005: 555, figs. 16E-17D, 28H, 31A. Type-locality: Chile, O'Higgins, C. Poqui. Distr. – Chile (Curicó, O'Higgins, Valparaíso). Type, DZUC.
- leucotrica** Artigas, Lewis & Parra, 2005: 564, figs. 17E-18B, 28A, 31D. Type-locality: Chile, Atacama, 70 km south of Copiapó. Distr. – Chile (Atacama). Type, DZUC.
- magellanica** (Artigas), 1070: 136, figs. 108, 110-112, 418 (*Hypenetes*). Type-locality: Chile, Magallanes, Cerro Guido. Distr. – Chile (Lonquimay, Magallanes, Palena). Refs. – Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 565, figs. 19A-F, 28E, 31C. Type, DZUC.
- nahuelbutae** Artigas, Lewis & Parra, 2005: 566, figs. 20A-D, 28F, 31B. Type-locality: Chile, Angol, Nahuelbuta (Parque Cabrería). Distr. – Chile (Angol). Type, DZUC.
- obtusa** (Engel), 1930: 472 (*Hypenetes*). Type-locality: Bolivia, cordillera de Buenavista, south of Cuevo. Distr. – Peru, Bolivia, Brazil (São Paulo, Paraná), Argentina). Refs. – Bromley, 1932: 264 (*Hypenetes*); Carrera, 1945b: 169 (*Hypenetes*); Hull, 1962 (1): 154 (*Hypenetes (Tillobroma)*); Carrera & Papavero, 1965: 54 (*Hypenetes (Tillobroma)*); Lamas M., 1972: 306 (cat.; *Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 567, figs. 20E-G, 30E. Type, ?
- punctipennis** (Philippi), 1865: 699, pl. 26, figs. 31, 31a-b (*Clavator*). Type-locality: “Chile”. Neotype-locality: Chile, Arauco, Pichinahuel, 1100 m. Distr. – Chile (Arauco, Biobío, Linares, Lonquimay, Malleco, Ñuble, Santiago), Argentina. Refs. – Schiner, 1868: 159 (*Hypenetes*); Williston, 1891: 71 (cat.; *Hypenetes*); Kertész, 1909: 74 (cat.; *Hypenertes*); Bromley, 1932: 264 (*Hypenetes*); Stuardo Ortiz, 1946: 80 (cat.; *Hypenetes*); Hull, 1962 (1): 154 (*Hypenetes (Tillobroma)*); Carrera & Papavero, 1965: 54 (*Hypenetes (Tillobroma)*); Artigas, 1970a: 137, figs. 113-117, 419 (*Hypenetes*); Martin & Papavero, 1970: 19 (cat.; *Hypenetes*); Artigas, 1971: 26, figs. 48-49 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 568, figs. 3, 5A-B, 21A-G, 27A, 31E. Type, lost. NT DZUC (des. by Artigas, 1970a: 137).
- purpurea** Artigas, Lewis & Parra, 2005: 569, figs. 22A-G, 28B, 32A. Type-locality: Chile, Santiago, Quebrada de La Plata. Distr. – Chile (Santiago, Valparaíso). Type, DZUC.
- schineri** (Artigas), 1970a: 139, figs. 118-123, 125, 493 (*Hypenetes*). Type-locality: Chile, O'Higgins, Rancagua. Distr. – Chile (Curicó, Linares, O'Higgins, Santiago, Valparaíso). Refs. – Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 570, figs. 6A-D, 23A-F, 28G, 32C. Type, DZUC.
- spinipes** Artigas, Lewis & Parra, 2005: 571, figs. 24A-E, 30B. Type-locality: Argentina, Córdoba, Copina, 100 m. Distr. – Argentina (Córdoba, Mendoza). Type, DZUC.
- tregualemuensis** Artigas, Lewis & Parra, 2005: 572, figs. 25A-F, 27H, 32B. Type-locality: Chile, Maule, Tregualemu. Distr. – Chile (Maule). Type, DZUC.
- valentinei** (Artigas), 1970a: 141, figs. 124, 126-127, 129, 419 (*Hypenetes*). Type-locality: Chile, Coquimbo. Distr. – Chile (Aconcagua, Angol, Chacabuco, Choapa, Coquimbo, Concepción, Curicó, Limarí, Ñuble, O'Higgins, Talca). Refs. – Artigas, 1971: 26, fig. 50 (*Hypenetes*); Artigas & Papavero, 1991e: 26 (n. comb.); Artigas, Lewis & Parra, 2005: 573, figs. 4, 26A-G, 27C, 32D. Type, DZUC.

Genus *Zabrotica* Hull, 1958

Zabrotica Hull, 1958b: 253. Type-species, *Zabrotica clarkei* Hull, 1958 (orig. des.).

clarkei Hull, 1958b: 254. Type-locality: Peru, Yauli, La Oroya. Distr. – Peru (Arequipa, Lima, Yauli). Refs. – Hull, 1962 (1): 152, figs. 123, 464, 1723, 1769, 1919; Lamas M., 1972: 306 (cat.); Artigas & Papavero, 1991e: 26. Type, USNM.

Unrecognized and unplaced *Tillobromatini*

- cruciger** Hermann, 1921: 119 (*Scylaticus*). Type-locality: “Paraguay”. Ref. – Hull, 1962 (1): 145 (*Scylaticus*). Type, ZSBS.
- nitidigaster** Macquart, 1850: 373 (1850: 69) (*Dasyopogon*). Type-locality: “Chile”. Refs. – Blanchard, 1852: 367 (*Dasyopogon*); Philippi, 1865: 686 (*Dasyopogon*); Williston, 1891: 73 (cat.; *Scylaticus*); Kertész, 1909: 103 (cat.; *Scylaticus*); Stuardo Ortiz, 1946: 81 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*); Martin & Papavero, 1970: 18 (cat.; *Scylaticus*). Type, lost.
- ruficauda** Bigot, 1878: 454 (*Scylaticus*). Type-locality: “Brazil, Amazonia”. Refs. – Osten Sacken, 1891: 418 (*Scylaticus*); Kertész, 1909: 104 (cat.; *Scylaticus*); Bromley, 1946: 106 (cat.; *Scylaticus*); Hull, 1962 (1): 145 (*Scylaticus*); Martin & Papavero, 1970: 18 (cat.; *Scylaticus*). Type, OXF.

Subfamily Stichopogoninae Hardy, 1930

Stichopogonini G. H. Hardy, 1930: 250, 251, 260. Type-genus, *Stichopogon* Loew, 1847.
Stichopogoninae Artigas & Papavero, 1988a: 97.

Genus *Argyropogon* Artigas & Papavero, 1990

Argyropogon Artigas & Papavero, 1990: 41. Type-species, *Argyropogon argentinus* Artigas & Papavero, 1990 (orig. des.).

argentinus Artigas & Papavero, 1990: 41, figs. 5-18. Type-locality: Argentina, Santa Cruz, 5 km northwest of Piedrabuena, 130 m. Distr. – Argentina (Santa Cruz). Type, DZUC.

Genus *Lasiopogon* Loew, 1847

Dasyopogon, subg. **Lasiopogon** Loew, 1847: 508. Type-species, *Dasyopogon (Lasiopogon) pilosellus* Loew, 1847 (sub. des., Hull, 1962: 115). [Des. by Rondani, 1856: 156, of *Dasyopogon hirtellus* Meigen, 1820, invalid because it was originally included as *species inquirenda*].

Daulopogon Loew, 1874: 377 (unjustified *nom. nov.* for *Lasiopogon* Loew, 1847). Type-species, *Dasyopogon (Lasiopogon) pilosellus* Loew, 1847 (aut.).

Alexiopogon Curran, 1934b: 183. Type-species, *Daulopogon terricola* Johnson, 1900 (orig. des.).

Ref. – Cole & Wilcox, 1938 (rev.).

drabicola Cole, 1916: 65. Type-locality: U. S. A., California, Redlands. Distr. – U. S. A. (California), Mexico (Baja California). Refs. – Melander, 1923: 137; Cole & Wilcox, 1938: 46, pl. 1, fig. 8; Martin & Wilcox, 1965: 377 (cat.). Type, USNM.

gabrieli Cole & Wilcox, 1938: 49, pl. 3, fig. 33. Type-locality: U. S. A., California, San Gabriel River Wash, near Whittier. Distr. – U. S. A. (California), Mexico (Baja California). Ref. – Martin & Wilcox, 1965: 377 (cat.). Type, CAS.

zonatus Cole & Wilcox, 1938: 80, pl. 1, fig. 11. Type-locality: U. S. A., California, Orange County, Santa Ana Canyon. Distr. – U. S. A. (California), Mexico (Baja California). Ref. – Martin & Wilcox, 1965: 378 (cat.). Type, CAS.

Genus *Lissoteles* Bezzi, 1910

Lissoteles Bezzi, 1910a: 178. Type-species, *Lissoteles hermanni* Bezzi, 1910 (orig. des.).

acapulcae Martin, 1961a: 4 (in key), 7, fig. 2. Type-locality: Mexico, Guerrero, Acapulco. Distr. – Mexico (Guerrero). Refs. – Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 41. Type, CAS.

aquilonius Martin, 1961a: 4 (in key), 8, fig. 3. Type-locality: Mexico, Nayarit, San Blás. Distr. – Mexico (Baja California, Nayarit, Sinaloa, Sonora). Refs. – Lamas M., 1972: 305 (cat.; Peru; ?misident.); Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 41. Type, AMNH.

austrinus Martin, 1961a: 4 (in key), 10. Type-locality: Peru, Tumbes, 10 miles south of Zorritas. Distr. – Peru. Refs. – Lamas M., 1972: 305 (cat.); Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 41. Type, CAS.

autumnalis Martin, 1961a: 4 (in key), 11. Type-locality: Mexico, Jalisco, Tenacatita Bay. Distr. – Mexico. Refs. – Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 41. Type, AMNH.

blantoni Martin, 1961a: 4 (in key), 11. Type-locality: Panama, Río Mar. Distr. – Panama. Ref. – Kaletta, 1976: 66. Type, AMNH.

capronae Martin, 1961a: 4 (in key), 12. Type-locality: Honduras, Tegucigalpa. Distr. – Honduras. Refs. – Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 42. Type, AMNH.

fernandezii Kaletta, 1976: 67. Type-locality: Venezuela, Miranda, Páez, Machurucuto. Distr. – Venezuela (Anzoátegui, Carabobo, Miranda). Ref. – Artigas & Papavero, 1990: 42. Type, FAUVC.

hermanni Bezzi, 1910a: 178. Type-locality: “Panama”. Distr. – Panama. Refs. – Carrera, 1953a: 271; James, 1953: 56; Martin, 1961a: 4, fig. 1; Hull, 1962 (1): 112, fig. 50; Martin & Papavero, 1970: 4 (cat.); Kaletta, 1976: 66; Artigas & Papavero, 1990: 42.

vanduzeei Cole, 1923: 465, fig. 7. Type-locality: Mexico, Baja California, Angeles Bay and San Francisquito Bay. Distr. – Mexico (Baja California). Refs. – Martin, 1961a: 4 (in key), 7, fig. 4; Hull, 1962 (1): 112, figs. 482, 933, 942; Martin & Papavero, 1970: 4 (cat.); Artigas & Papavero, 1990: 42. Type, CAS.

Genus **Stichopogon** Loew, 1847

- Dasypogon*, subg. **Stichopogon** Loew, 1847: 499. Type-species, *Dasypogon elegantulus* Wiedemann in Meigen, 1820: 270 (sub. des., Back, 1909: 332).
- Stilopogon* Costa, 1883: 62. Type-species, *Dasypogon trifasciatus* Say, 1823 (orig. des.).
- Neopogon* Bezzi, 1910c: 147. Type-species, *Dasypogon trifasciatus* Say, 1823 (orig. des.).
- Stichopogon* Wilcox, 1936b: 201, error.
- Stictopogon* Wilcox, 1937: 37, error.
- catulus** Osten Sacken, 1887: 170. Type-locality: Mexico, northern Sonora. Distr. – U. S. A. (Arizona), Mexico (Sonora). Refs. – Aldrich, 1905: 262 (cat.); Kertész, 1909: 81 (cat.); Wilcox, 1936d: 208; Hull, 1962 (1): 106; Martin & Wilcox, 1965: 385 (cat.); Martin & Papavero, 1970: 5 (cat.); Weeks & Hespeneheide, 1985: 95 (predatory and mating behavior); Artigas & Papavero, 1990: 42; Papavero & Ibáñez Bernal, 2003: 161 (hist. Mexican dipterol). Type, BMNH.
- fragilis** Back, 1909: 334. Type-locality: U. S. A., New Mexico. Distr. – U. S. A. (Washington to Idaho, south to California and New Mexico), Mexico. Refs. – Hull, 1962 (1): 106; Martin & Wilcox, 1965: 385 (cat.). Type,
- schnusei** (Bezzi), 1910c: 151 (*Neopogon*). Type-locality: Peru, Cuzco, Rosalina, near Paso de Lares, Urubamba river. Refs. – Hull, 1962 (1): 110 (*Neopogon*); Lamas M., 1972: 305 (cat.); Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, ?
- trifasciatus** (Say), 1823: 51 (1859: 64) (*Dasypogon*). Type-locality: U. S. A., Pennsylvania. Distr. – U. S. A., Mexico. Refs. – Wiedemann, 1828: 405 (*Dasypogon*); Walker, 1854: 424, 503 (*Dasypogon*); Schiner, 1866: 64; Osten Sacken, 1874: 181, 1878: 70, 97 (cat.); Williston, 1885: 53, 1886: 289; Osten Sacken, 1887: 170; Townsend, 1895: 262; Aldrich, 1905: 262 (cat.); Kertész, 1909: 85 (cat.); Bezzi, 1910c: 148 (*Neopogon*); Bromley, 1935c: 3; Fattig, 1945: 17; Bromley, 1950: 232; Hull, 1962 (1): 110, figs. 450, 932, 941, 1917 (*Neopogon*); Martin & Wilcox, 1965: 385 (cat.); Martin & Papavero, 1970: 5 (cat.); Weeks & Hespeneheide, 1985: 95 (predatory and mating behavior); Artigas & Papavero, 1990: 42. Type, lost.
- candidus* Macquart, 1846: 195 (1846: 67) (*Dasypogon*). Type-locality: U. S. A., Pennsylvania. Refs. – Walker, 1854: 440 (*Dasypogon*); Osten Sacken, 1874: 182; Bellardi, 1861: 78 (*Dasypogon*); Osten Sacken, 1874: 182; Bezzi, 1910c: 150 (*Neopogon*); Papavero & Ibáñez Bernal, 2001: 84 (hist. Mexican dipterol.). Type, lost.
- plagiata* Walker, 1848: 223 (*Thereva*). Type-locality: U. S. A., Massachusetts. Type, BMNH.
- fasciventris* Macquart, 1850: 373 (1850: 69), pl. 6, fig. 13 (*Dasypogon*). Type-locality: “Mexico”. Type, OXF.
- gelascens* Walker, 1860: 277 (*Dasypogon*). Type-locality: U. S. A., Massachusetts. Ref. – Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). Type, BMNH.
- snowii* Bezzi, 1910c: 149. Type-locality: U. S. A., Kansas, Wallace Co. Type, MCSNM.
- venezuelanus** Kaletta, 1976: 69 [*Stichopogon* (*Neopogon*)]. Type-locality: Venezuela, Miranda, Paz Castillo (Quebrada Soapire). Distr. – Venezuela (Guárico, Miranda). Ref. – Artigas & Papavero, 1990: 42. Type, FAUCV.

Genus **Townsendia** Williston, 1895

- Townsendia** Williston, 1895: 107. Type-species, *Townsendia minuta* Williston, 1895 (mon.).
- albomacula** Martin, 1966a: 545, figs. 1, 9-10. Type-locality: Mexico, Nayarit, San Blás. Distr. – Mexico (Colima, Guerrero, Nayarit, Sinaloa). Refs. – Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, KU.
- araguensis** Kaletta, 1976: 71. Type-locality: Venezuela, Aragua, San Sebastián, orilla araguense del río Guárico. Distr. – Venezuela (Aragua, Carabobo, Guárico). Ref. – Artigas & Papavero, 1990: 42. Type, FAUCV.
- argyrata** Curran, 1926: 1. Type-locality: Puerto Rico, Loquillo National Forest. Distr. – Puerto Rico. Refs. – Curran, 1928b: 23; Hull, 1962 (1): 118; Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, AMNH.
- dilata** Martin, 1966a: 546, figs. 2, 5-6. Type-locality: Mexico, Veracruz, Veracruz. Distr. – Mexico (Veracruz). Refs. – Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, USNM.
- fiebrigii** Bezzi, 1909: 629, fig. Type-locality: “Paraguay”. Distr. – Brazil (São Paulo), Paraguay. Refs. – Carrera, 1945b: 168; Hull, 1962 (1): 118; Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42.
- gracilis** Martin, 1966a: 547, figs. 11-12. Type-locality: Mexico, Veracruz, Veracruz. Distr. – Mexico (Veracruz). Refs. – Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, USNM.
- minuta** Williston, 1895: 108. Type-locality: “Mexico”. Distr. – U. S. A. (Georgia, New Mexico), Mexico. Refs. – Williston, 1901: 307, pl. 5, fig. 19; Aldrich, 1905: 255 (cat.); Kertész, 1909: 96 (cat.); Fattig, 1945: 18; Hull, 1962 (1): 118, figs. 54, 514, 936, 945; Martin & Wilcox, 1965: 385 (cat.); Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Lectotype BMNH.
- nemacula** Martin, 1966a: 549, figs. 7-8. Type-locality: Mexico, Oaxaca, 17 miles east of Juchitán. Distr. – Mexico (Oaxaca). Refs. – Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, KU.
- podexargenteus** Enderlein, 1914b: 167 (as *podex-argenteus*). Type-locality: “Costa Rica”. Distr. – Costa Rica. Refs. – Hull,

1962 (1): 118; Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, IZPAN.
triangulata Martin, 1966a: 550, figs. 3-4. Type-locality: Mexico, Puebla, 3 miles west, 1 mile south of Izúcar de Matamoros.
 Distr. – Mexico (Puebla). Refs. – Martin & Papavero, 1970: 5 (cat.); Artigas & Papavero, 1990: 42. Type, KU.

Subfamily Trigonimini Enderlein, 1914

Trigonimini Enderlein, 1914b: 166. Type-genus, *Trigonimima* Enderlein, 1914.
 Xenomyzini G. H. Hardy, 1948: 116. Type-genus, *Xenomyza* Wiedemann, 1817 = *Damalis* Fabricius, 1805.
 Damalini Hull, 1962 (1): 51. Type-genus, *Damalis* Fabricius, 1805.
 Trigonimini Papavero, 1973a: 233, 248.
 Trigonimini Lehr, 1988: 214.

Genus *Haplopogon* Engel, 1930

Haplopogon Engel, 1930. Type-species, *Haplopogon nudus* Engel, 1930 (orig. des.).

Ref. – Martin, 1955 (rev.).

bullatus (Bromley), 1934a: 89 (*Holcocephala*). Type-locality: U. S. A., Texas, Bexar County. Distr. – U. S. A. (Texas), Mexico (Coahuila). Ref. – Pritchard, 1941b: 351, fig. 3 (n. comb.); Hull, 1962 (1): 68; Martin & Wilcox, 1965: 373 (cat.); Wilcox, 1966b: 100 (in key), fig. 1. Type, Texas Agricultural Experiment Station.
latus (Coquillett), 1904c: 33 (*Holopogon*). Type-locality: U. S. A., Texas, Brownsville. Distr. – U. S. A. (Texas), Mexico (Nuevo León). Refs. – Martin, 1955a: 315; Martin & Wilcox, 1965: 373 (cat.); Wilcox, 1966b: 101 (in key), fig. 1. Type, USNM.
lautus Back, 1909: 314 (*Holopogon*), Bromley, 1934: 98 (*Holopogon*), Pritchard, 1941b: 351, fig. 2, Hull, 1962 (1): 68, error.

Genus *Holcocephala* Jaenicke, 1867

Discocephala Macquart, 1838: 50 (1839: 166) (preocc. Jaenicke, 1932). Type-species, *Discocephala rufiventris* Macquart, 1838 (sub. des., Coquillett, 1910: 534) = *Holcocephala abdominalis* (Say, 1823).
Holcocephala Jaenicke, 1867: 359 (*nom. nov.* for *Discocephala* Macquart, 1838). Type-species, *Discocephala rufiventris* Macquart, 1838 (aut.) = *Holcocephala abdominalis* (Say, 1823).
Helcocephala Loew, 1874: 377, error.
Holocephala Williston, 1891: 72 (cat.), error.
Arthriticopus Enderlein, 1914b: 161. Type-species, *Arthriticopus nodosipes* Enderlein, 1914 (orig. des.). Ref. – Martin & Papavero, 1970: 6 (syn.).
Rhipidocephala Hermann, 1926b: 174. Type-species, *Discocephala analis* Macquart, 1846 (orig. des.).
affinis (Bellardi), 1861: 86, pl. 1, fig. 13 (*Discocephala*). Type-locality: “Mexico”. Distr. – Mexico, Honduras, Costa Rica. Refs. – Osten Sacken, 1874: 182; Aldrich, 1905: 261 (cat.); Kertész, 1909: 90 (cat.); Pritchard, 1938a: 13 (in key), 18; Hull, 1962 (1): 64; Martin & Papavero, 1970: 6 (cat.); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
agalla (Walker), 1849: 361 (*Discocephala*). Type-locality: “Venezuela”. Distr. – Venezuela (Aragua, Miranda). Refs. – Kertész, 1909: 92 (as syn. of *oculata* Fabricius, 1805); Martin & Papavero, 1970: 6 (cat.; as syn. of *oculata* Fabricius, 1805); Ayala & Baez, 1983: 1-4, figs. 1-5 (revalidation of sp.). Type, BMNH.
analis (Macquart), 1846: 197 (1846: 69) (*Discocephala*). Type-locality: “Colombia”. Refs. – Loew, 1860: 72 (*Discocephala*); Williston, 1891: 72 (*Holocephala*); Hermann, 1926b: 176 (*Rhipidocephala*); Hull, 1962 (1): 65 (*Rhipidocephala*); Martin & Papavero, 1970: 6 (cat.). Type, lost.
?apicalis Walker, 1854: 497 (*Discocephala*). Type-locality: “West coast of America”. Refs. – Williston, 1891: 72 (*Holocephala*); Bromley, 1946: 106 (cat.); Hull, 1962 (1): 64. Type, BMNH.
bechyneorum Ayala, 1982: 24, figs. 3-4, 17-18. Type-locality: Venezuela, Bolívar, km 132 de la carretera El Dorado, Santa Elena de Uairé, 1200 m. Distr. – Venezuela (Bolívar). Type, IZAUCV.
?coriacea (Wiedemann), 1821: 230 (*Dasypogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Wiedemann, 1828: 411 (*Dasypogon*); Walker, 1854: 446 (*Dasypogon*); Schiner, 1866: 680 (*?Discocephala*); Williston, 1891: 67 (cat.; *?Holocephala*); Kertész, 1909: 91 (cat.; *?Holcocephala*); Bromley, 1946:

- 106 (cat.); Carrera, 1958a: 142; Hull, 1962 (1): 64; Martin & Papavero, 1970: 6 (cat.).
?femorata Hermann, 1926b: 173. Type-locality: Brazil, Rio Grande do Sul, Porto Alegre (Teresópolis). Refs. – Carrera, 1945: 159 (preys); Bromley, 1946: 106 (cat.); Carrera, 1958a: 142 (syn.); Hull, 1962 (1): 64. Type, BUD.
- curvicosta** Carrera, 1958a: 142, figs. 1, 8. Type-locality: Brazil, São Paulo, Salesópolis (Estação Biológica de Boracéia). Distr. – Brazil (São Paulo). Ref. – Martin & Papavero, 1970: 6 (cat.). Type, MZUSP.
- deltoidea** (Bellardi), 1861: 85, pl. 1, fig. 12 (*Discocephala*). Type-locality: “Mexico”. Distr. – Mexico (Veracruz, Zacatecas), Guatemala, Honduras, Costa Rica. Refs. – Osten Sacken, 1874: 182; Aldrich, 1905: 261 (cat.); Kertész, 1909: 91 (cat.); Pritchard, 1938a: 13 (in key), 19; Hull, 1962 (1): 64; Martin & Papavero, 1970: 6 (cat.); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- dimidiata** Hermann, 1926b: 159 (in key), 170. Type-locality: Peru, mouth of Pachitea river, 150 m. Distr. – Venezuela (Aragua, Táchira), Peru. Refs. – Hull, 1962 (1): 64; Carrera & Machado-Allison, 1963: 246; Martin & Papavero, 1970: 7 (cat.); Lamas M., 1972: 305 (cat.). Syntypes, MUN, TP SMTD [cf. Kallweit, 1992: 195].
- divisa** (Walker), 1860: 279 (*Discocephala*). Type-locality: “Mexico”. Distr. – Mexico (Veracruz). Refs. – Osten Sacken, 1874: 182; Kertész, 1909: 91 (cat.); Pritchard, 1938a: 13 (in key), 18; Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.); Papavero & Ibáñez Bernal, 2001: 95 (hist. Mexican dipterol.). Type, lost.
longipennis Bellardi, 1861: 86, pl. 1, fig. 14 (*Discocephala*). Type-locality: Mexico, Veracruz, Jalapa. Refs. – Osten Sacken, 1897: 182, 1887: 171; Aldrich, 1905: 261 (cat.); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Type, TORO.
- fernandezi** Ayala, 1982: 25, figs. 7-8, 13, 19-20. Type-locality: Venezuela, Miranda, San Anonio de los Altos, Los Moralitos, 900 m. Distr. – Venezuela (Aragua, Miranda). Type, IZAUCV.
- fimbriata** Hermann, 1926b: 160 (in key), 167. Type-locality: Brazil, Rio Grande do Sul. Distr. – Brazil, Rio Grande do Sul. Refs. – Bromley, 1946: 106 (cat.); Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.). Syntypes, MUN, NMW.
- flavipes** Hermann, 1926b: 160 (in key), 177 (*Rhipidocephala*). Type-locality: “Mexico”. Ref. – Carrera, 1958a: 141 (misident.; as syn. of *obscuripennis* Enderlein, 1924). Syntypes, ZSBS, SMTD [cf. Kallweit, 1992: 194].
- indigena** Scarbrough & Perez-Gelabert, 2006: 84, figs. 112-117, 123. Type-locality: Dominican Republic, La Vega, road-256 La Comparación-Los Tablones, Parque Nacional Armando Bermúdez. Distr. – Dominican Republic (Barahona, Elias Piña, Independencia, La Vega, Pedernales, San Cristóbal). Type, USNM.
- inornata** (Rondani), 1848: 90 (*Discocephala*). Type-locality: “Brazil” [Pará, Belém; cf. Papavero, 1973d: 343]. Refs. – Williston, 1891: 72 (cat.; *Holocephala*); Kertész, 1909: 91 (cat.); Bromley, 1946: 106 (cat.); Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.). Type, MZUN.
- luteipes** Hermann, 1926b: 164. Type-locality: Peru, Urubamba river, 300 m; Bolivia, La Paz, Mapiiri, Sarampiuní, 700 m. Distr. – Peru, Bolivia. Refs. – Carrera, 1958a: 142 (misident.; as syn. of *obscuripennis* Enderlein, 1914); Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.); Lamas M., 1972: 305 (cat.); Fisher, 1984: 27. Syntypes, MUN.
- macula** (Rondani), 1848: 90 (*Discocephala*). Type-locality: “Brazil” [Pará, Belém; cf. Papavero, 1973d: 343]. Refs. – Williston, 1891: 72 (cat.; *Holocephala*); Bromley, 1946: 106 (cat.); Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.). Type, MZUN.
- matteii** Ayala, 1982: 26, figs. 9-10, 14, 21-22. Type-locality: Venezuela, Bolívar, El Pao, 500 m. Distr. – Venezuela (Bolívar). Type, IZAUCV.
- minuta** (Bellardi), 1861: 83 (*Discocephala*). Type-locality: Mexico, Tuxpango near Orizaba. Distr. – Mexico (Veracruz). Refs. – Osten Sacken, 1874: 182; Kertész, 1909: 92 (cat.; as syn. of *nitida* Wiedemann, 1830); Martin & Papavero, 1970: 7 (cat.); Papavero & Ibáñez Bernal, 2001: 108 (hist. Mexican dipterol). Syntypes, TORO (part of ST with V-shaped facial marks are either *H. oculata* or *H. nitida*; those without V-shaped marks, *H. minuta*).
- mogiana** Carrera, 1955a: 112, figs. 7-8. Type-locality: Brazil, São Paulo, Mogi das Cruzes. Distr. – Brazil (Rio de Janeiro, São Paulo, Paraná). Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.). Type, MZUSP.
- monticola** Ayala, 1982: 27, figs. 5-6, 12, 23-24. Type-locality: Venezuela, Aragua, Vía Tiara, Campamento Rangel, 1200 m. Distr. – Venezuela (Aragua, Miranda). Type, IZAUCV.
- nigrita** (Fabricius), 1805: 152 (*Dioctria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Brazil (São Paulo). Refs. – Wiedemann, 1821: 180 (*Dioctria*), 1828: 366 (*Dioctria*); Walker, 1854: 497 (*Discocephala*); Schiner, 1868: 69; Williston, 1891: 69 (cat.; *Holocephala*); Kertész, 1909: 111 (cat.); Carrera, 1958a: 144; Hull, 1962 (1): 29 (*Dioctria*); Martin & Papavero, 1970: 7 (cat.). Syntypes, COPN, Kiel [cf. Zimsen, 1964: 457].
?alboatra Walker, 1851: 100, pl. 3, fig. 8 (*Discocephala*). Type-locality: “Brazil”. Refs. – Walker, 1854: 497 (*Discocephala*); Williston, 1891: 72 (*Holocephala*); Kertész, 1909: 91 (cat.); Bromley, 1946: 106 (cat.); Hull, 1962 (1): 64; Carrera, 1958a: 144 (syn). Type, lost.
- nitida** (Wiedemann), 1830: 643 (*Dasypogon*). Type-locality: “Mexico [Deppe; cf. Papavero, 1971e: 103-107; Papavero & Ibáñez Bernal, 2001: 69-71]. Refs. – Walker, 1854: 496, 503 (*Discocephala*); Bellardi, 1861: 84 (*Discocephala*); Schiner, 1866: 681 (*Discocephala*); Osten Sacken, 1874: 182; Williston, 1901: 308; Aldrich, 1905: 261 (cat.); Kertész, 1909: 92 (cat.); Pritchard, 1938a: 13 (in key), 16; Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.); Papavero & Ibáñez Bernal, 2001: 75 (hist. Mexican dipterol.).
?interlineata Walker, 1860: 279 (*Discocephala*). Type-locality: “Mexico”. Refs. – Osten Sacken, 1874: 182; Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.). Type, lost.
?minuta Bellardi, 1861: 83 (*Discocephala*), part (ST with V-shaped facial marks).
- nodosipes** (Enderlein), 1914b: 161, fig. 4 (*Arthriticopus*). Type-locality: Colombia: Cundinamarca, Fusagasugá, and Caldas,

- Victoria (Hacienda Pehlke), 900 m [cf. Papavero, 1973d: 299]. Distr. – Colombia. Refs. – Hull, 1962 (1): 64 [*Holcocephala* (*Arthriticopus*)]; Martin & Papavero, 1970: 7 (n. comb.). Syntypes, IZPAN.
- obscuripennis** Enderlein, 1914b: 162, fig. 5. Type-locality: Brazil, Santa Catarina. Distr. – Brazil (Santa Catarina). Refs. – Bromley, 1946: 106 (cat.); Carrera, 1958a: 142; Hull, 1962 (1): 64; Martin & Papavero, 1970: 7 (cat.). Syntypes, IZPAN.
- oculata** (Fabricius), 1805: 151 (*Dioctria*). Type-locality: “South America (Smidt)” [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Venezuela, Guyana, Peru, Brazil, Bolivia, Argentina. Refs. – Wiedemann, 1821: 230 (*Dasyopogon*), 1828: 412 (*Dasyopogon*); Macquart, 1838: 50 (*Discocephala*); Walker, 1854: 497 (*Discocephala*); Schiner, 1866: 681 (*Discocephala*); Williston, 1891: 72 (cat.; *Holcocephala*); Kertész, 1909: 92 (cat.); Hermann, 1926b: 159 (in key), 161; Engel, 1930: 472; Curran, 1934c: 332; Pritchard, 1938a: 13 (in key), 17; Carrera, 1958a: 141; Carrera & d’Andretta, 1961: 68 (prey); Hull, 1962 (1): 64; Carrera & Machado-Allison, 1963: 245; Martin & Papavero, 1970: 7 (cat.); Lamas M., 1972: 305 (cat.); Fisher, 1984: 27; LaPierre, 2000: 643 (prey selection and diurnal activity; Costa Rica). Syntypes, COPN, Kiel [cf. Zimsen, 1964: 467].
- ?*minuta* Bellardi, 1861: 83 (*Discocephala*), part (ST with V-shaped facial marks).
- fasciventris* Hermann, 1926b: 159 (in key), 163 (as *oculata* var.). Type-locality: Peru, rivers Ucayali and Urubamba; Junín, Chanchamayo; and Bolivia, La Paz, Sarampiuní. Syntypes, MUN.
- flaviventris* Engel, 1930: 472 (as *oculata* var.; error for *fasciventris* Hermann).
- pardalina** Hermann, 1926b: 166. Type-locality: “Peru”. Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.); Lamas M., 1972: 305.
- pectinata** Carrera, 1955a: 115, figs. 9-10. Type-locality: Brazil, Santa Catarina, Nova Teutônia. Distr. – Brazil (São Paulo, Santa Catarina). Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.). Type, BMNH.
- pennipes** Hermann, 1926b: 159 (in key), 168. Type-locality: Peru, Callanga. Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.); Lamas M., 1972: 305 (cat.). Type, BUD.
- peruviana** Hermann, 1926b: 160 (in key), 172. Type-locality: Peru, Lima, Callanga. Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.). Type, BUD.
- rufithorax** (Wiedemann), 1828: 410 (*Dasyopogon*). Type-locality: “Brazil” [Freyreiss; cf. Papavero, 1971e: 57-58; and Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Distr. – Peru, Brazil (Pará), Bolivia. Refs. – Macquart, 1838: 50 (*Discocephala*); Walker, 1854: 496 (*Discocephala*); Schiner, 1866: 680 (*Discocephala*); Williston, 1891: 72 (cat.; *Holcocephala*); Kertész, 1909: 92 (cat.); Hermann, 1926b: 159 (in key), 160. Bromley, 1946: 106 (cat.); Carrera, 1960a: 150; Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.); Lamas M., 1972: 305 (cat.). Syntypes, BZM (no. 2244; cf. Schumann, 1973: 153), SENCK [cf. Geller-Grimm, 1999: 214].
- scopifera** (Schiner), 1868: 161 (*Discocephala*). Type-locality: “South America”. Refs. – Williston, 1891: 72 (cat.; *Holcocephala*); Kertész, 1909: 92 (cat.); Hermann, 1926b: 159 (in key), 171; Hull, 1962 (1): 64, fig. 44; Martin & Papavero, 1970: 8 (cat.); Lamas M., 1972: 305 (cat.). Type, NMW.
- spinipes** Hermann, 1926b: 158 (in key), 165. Type-locality: “Venezuela”. Distr. – Mexico (Veracruz), Venezuela. Refs. – Pritchard, 1938a: 13; Hull, 1962 (1): 66; Martin & Papavero, 1970: 8 (cat.). Type, NMW.
- stylata** Pritchard, 1938a: 13 (in key), 14. Type-locality: Mexico, Oaxaca, Oaxaca. Distr. – Mexico (Hidalgo, Oaxaca, San Luis Potosí). Refs. – Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.). Type, MIN.
- uruguayensis** Lynch Arribálzaga, 1882: 133. Type-locality: Uruguay, Montevideo. Refs. – Lynch Arribálzaga, 1883a: 143 (cat.); Williston, 1891: 72 (cat.; *Holcocephala*); Kertész, 1909: 93 (cat.); Hermann, 1926b: 159 (in key), 163 (as *oculata* var.); Hull, 1962 (1): 64; Martin & Papavero, 1970: 8 (cat.).
- vallestris** Ayala, 1982: 22, figs. 1-2, 11, 15-16. Type-locality: Venezuela, Guárico, La Puerta, río Guárico. Distr. – Venezuela ((Aragua, Barinas, Carabobo, Guárico, Miranda, Portuguesa, Yaracuy, Zulia). Type, IZAUCV.
- ?**vicina** (Macquart), 1838: 1838: 26 (1839: 142) (*Dioctria*). Type-locality: “Brazil and Guadeloupe”. Refs. – Bromley, 1946: 106 (cat.; *Dioctria*); Hull, 1962 (1): 29 (*Dioctria*); Martin & Papavero, 1970: 8 (cat.). Syntypes, lost.
- vittata** (Walker), 1837: 338 (*Xylophagus*). Type-locality: Brazil, São Paulo. Ref. – Martin & Papavero, 1970: 8 (n. comb.). Type, BMNH.

Genus *Meliponomima* Artigas & Papavero, 1989

- Meliponomima** Artigas & Papavero, 1989: 37. Type-species, *Meliponomima martensis* Artigas & Papavero, 1989 (orig. des.).
- martensis** Artigas & Papavero, 1989: 38, figs. 3-5. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Dona Marta). Distr. – Brazil (Rio de Janeiro). Type, MZUSP.

Genus *Orrhodops* Hull, 1958

- Orrhodops** Hull, 1958c: 324. Type-species, *Damalis americana* Curran, 1930 (orig. des.).

- americanus** (Curran), 1930b: 5 (*Damalis*). Type-locality: U. S. A., Arizona, Sierritas, Back Dyke Prospect. Distr. – U. S. A. (Arizona), Mexico. Refs. – Hull, 1958c: 324 (n. comb.), 1962 (1): 58, figs. 27, 838, 847, 1656, 1657, 1922, 2058; Martin & Wilcox, 1965: 381 (cat.). Type, AMNH.
- occidentalis** (Williston), 1901: 309, pl. 5, fig. 21 (*Damalis*). Type-locality: Mexico, Guerrero, Tepetlapa, and Jalisco, Santiago Escuintla. Distr. – México. Refs. – Hull, 1962 (1): 55 (*Damalis*), 58 (probably belongs to *Orrhodops*); Martin & Papavero, 1970: 8 (n. comb.); Papavero & Ibáñez Bernal, 2003: 175 (hist. Mexican dipterol). Syntypes, BMNH.

Genus *Seabramyia* Carrera, 1960

Seabramyia Carrera, 1960a: 147. Type-species, *Seabramyia tijucana* Carrera, 1958 (orig. des.).

tijucana Carrera, 1960a: 148, figs. 1-4. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Alto da Boa Vista and Floresta da Tijuca). Distr. – Brazil (Rio de Janeiro). Refs. – Hull, 1962 (2): 596; Martin & Papavero, 1970: 8 (cat.; *Holcocephala* (*Seabramyia*)). Type, MNRJ.

Nomina nuda (*Trigonimiminae*)

pullata Burmeister, 1861: 170 (*Discocephala*).

Unplaced genus and species of Asilidae

Genus †*Araripogon* Grimaldi, 1990

†**Araripogon** Grimaldi, 1990: 173. Type-species, *Araripogon axelrodi* Grimaldi, 1990 (orig. des.).

†**axelrodi** Grimaldi, 1990: 173, figs. 21-24, 26-28. Type-locality: Brazil, Chapada do Araripe (Santa Formation, Lower Cretaceous). Type, AMNH.

†**sp.** Grimaldi, 1990: 174, figs. 25, 29-30. Brazil, Chapada do Araripe (Santa Formation, Lower Cretaceous).

Unrecognized and unplaced species of Asilidae

(asterisk (*) indicates that the type is lost)

***albipilosus** Macquart, 1846: 220 (1846: 92) (*Asilus*). Type-locality: “Brazil” and Colombia, Bogotá. Refs. – Walker, 1855: 701 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 250 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*).

antiphus Walker, 1849: 443 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 704 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 250 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*).

atripes Fabricius, 1805: 170 (*Dasygogon*). Type-locality: “West Indies”. Ref. – Wiedemann, 1821: 195 (*Asilus*), 1828: 455 (*Asilus*); Walker, 1855: 695 (*Asilus*); Schiner, 1866: 685 (?*Asilus*); Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 251 (cat.; ?*Asilus*). Type, COPN [cf. Zimsen, 1964: 470].

audouinii Macquart, 1838: 155 (1839: 271) (*Gonyptes*). Type-locality: unknown. Refs. – Walker, 1855: 770 (*Leptogaster*); Schiner, 1867: 357 (*Leptogaster*); Osten Sacken, 1878: 230 (cat.; *Leptogaster*); Williston, 1891: 68 (*Leptogaster*); Kertész, 1909: 208 (cat.; *Leptogaster*).

aurarius Wiedemann, 1821: 288 (*Dasygogon*). Type-locality: “Brazil”. Refs. – Wiedemann, 1828: 410 (*Dasygogon*); Walker, 1854: 442 (*Dasygogon*); Schiner, 1866: 680 (*Dasygogon*); Williston, 1891: 67 (*Dasygogon*); Kertész, 1909: 125 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Hull, 1962 (1): 228 (*Dasygogon*); Martin & Papavero, 1970: 88 (cat.; *Dasygogon*). Type, BZM [no. 543; cf. Schumann, 1973: 89].

baletus Walker, 1849: 427 (*Asilus*). Type-locality: “Venezuela”. Refs. – Walker, 1855: 704 (*Asilus*); Williston, 1891: 90 (cat.;

- Asilus*); Kertész, 1909: 251 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*).
- ***caeruleiventris** Macquart, 1846: 221 (1846: 93) (*Asilus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 701 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 253 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*).
- cepphicus** Say, 1829: 158 (1852: 354) (*Dasyopogon*). Type-locality: “Mexico”. Refs. – Walker, 1854: 503 (*Dasyopogon*); Osten Sacken, 1874: 185; Aldrich, 1905: 267 (cat.; *Dasyopogon*); Kertész, 1909: 126 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 88 (cat.; *Dasyopogon*).
- chilensis** Macquart, 1850: 372 (1850: 68) (*Dasyopogon*; preocc. Macquart, 1850). Type-locality: “Chile”. Refs. – Blanchard, 1852: 367 (*Dasyopogon*); Philippi, 1865: 685 (*Dasyopogon*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 88 (cat.; *Dasyopogon*).
- cinereum** Bigot, 1878: 432 (*Bathypogon*). Type-locality: “Colombia”. Refs. – Hull, 1962 (1): 150 (*Bathypogon*); Martin & Papavero, 1970: 18 (cat.; ?*Creolestes*). Type, OXF.
- colombiae** Macquart, 1838: 148 (1848: 264) (*Asilus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 707 (*Asilus*); Kertész, 1909: 253 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*). Type, MNHNP.
- columbiae* Williston, 1891: 90 (cat.; *Asilus*), error.
- costalis** Lynch Arribálzaga, 1880: 29 (*Dasyopogon*). Type-locality: Argentina, Buenos Aires. Refs. – Lynch Arribálzaga, 1883a: 143 (cat.; *Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 88 (cat.; *Dasyopogon*).
- cuyanus** Lynch Arribálzaga, 1880: 175 (*Asilus*). Type-locality: Argentina, Mendoza. Refs. – Lynch Arribálzaga, 1883a: 151 (cat.; ?*Eutolmus*), 1883: 80, 85; Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 255 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 88 (cat.; *Asilus*).
- ***dorsalis** Macquart, 1848: 180 (1848: 20), pl. 1, fig. 12 (*Dasyopogon*; preocc. Wiedemann, 1824). Type-locality: “Rio Negro”. Refs. – Walker, 1854: 439 (*Dasyopogon*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 88 (cat.; *Dasyopogon*).
- eburnus** Walker, 1849: 332 (*Dasyopogon*). Type-locality: Brazil, Pará [i. e., Pará, Belém]. Refs. – Walker, 1854: 432 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 65 (cat.; *Heteropogon*); Bromley, 1946: 105 (cat.; *Heteropogon*); Martin & Papavero, 1970: 20 (cat.; ?*Heteropogon*).
- eburneus* Hull, 1962 (1): 194 (*Heteropogon*), error.
- flavipennis** Macquart, 1846: 192 (1846: 64), pl. 7, fig. 4 (*Dasyopogon*; preocc. Wiedemann, 1828). Type-locality: “Colombia” (as Nouvelle Grenade). Refs. – Walker, 1854: 435 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 89 (cat.; *Dasyopogon*).
- flavipennis** Wiedemann, 1828: 376 (*Dasyopogon*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Refs. – Walker, 1854: 444 (*Dasyopogon*); Schiner, 1866: 677 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 89 (cat.; *Dasyopogon*). Syntypes, BZM [no. 568; cf. Schumann, 1973: 111].
- fraternus** Macquart, 1846: 191 (1846: 63) (*Dasyopogon*). Type-locality: Brazil, Minas Gerais. Ref. – Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 89 (cat.; *Dasyopogon*).
- gamaxus** Walker, 1851: 142 (*Asilus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 703 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 256 (cat.; *Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*).
- gammaxus* Hull, 1962 (2): 545 (*Asilus*), error.
- herdonius** Walker, 1851: 140 (*Asilus*). Type-locality: “South America”. Refs. – Walker, 1855: 702 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*).
- imitator** Lynch Arribálzaga, 1883b: 79 (*Asilus*). Type-locality: Argentina, Río Quinto. Refs. – Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*).
- inamatus** Walker, 1860: 283 (*Asilus*). Type-locality: “Mexico”. Refs. – Aldrich, 1905: 282 (cat.; *Asilus*); Kertész, 1909: 257 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*); Papavero & Ibáñez Bernal, 2001: 96 (hist. Mexican dipterol.).
- inauratus* Aldrich, 1905: 282 (*Asilus*), error.
- ***lebasii** Macquart, 1838: 148 (1848: 264) (*Asilus*). Type-locality: “Colombia”. Refs. – Macquart, 1846: 93 (*Asilus*); Walker, 1855: 703 (*Asilus*); Williston, 1891: 90 (cat.; *Asilus*); Kertész, 1909: 258 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Asilus*).
- ***lebasii** Macquart, 1838: 38 (1839: 154) (*Dasyopogon*). Type-locality: “Colombia”. Refs. – Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 89 (cat.; *Asilus*).
- ***luctuosus** Macquart, 1838: 39 (1839: 155) (*Dasyopogon*). Type-locality: unknown. Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 89 (cat.; *Dasyopogon*).
- ***megastylus** Philippi, 1865: 697 (*Asilus*). Type-locality: Chile, Santiago and Choapa, Illapel. Refs. – Kertész, 1909: 260 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- meastylus* Williston, 1891: 91 (cat.; *Asilus*), error.
- melanacrus** Wiedemann, 1828: 72 (*Asilus*). Type-locality: “Brazil” [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Refs. – Walker, 1855: 638 (*Erax*); Schiner, 1866: 687 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).

- Type, BZM [no. 2015; cf. Schumann, 1973: 132].
- mellipes** Wiedemann, 1828: 452 (*Asilus*). Type-locality: Brazil [Sello; cf. Papavero, 1971e: 56-60, 69-80, 99-102]. Refs. – Walker, 1855: 706 (*Asilus*); Schiner, 1866: 685 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 260 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*). Type, BZM [no. 2044; cf. Schumann, 1973: 132].
- *mexicanus** Macquart, 1846: 196 (1846: 68), pl. 6, fig. 10 (*Dasyopogon*). Type-locality: “Mexico”. Refs. – Walker, 1854: 428 (*Dasyopogon*); Osten Sacken, 1874: 185; Aldrich, 1905: 76 (cat.; *Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*); Papavero & Ibáñez Bernal, 2001: 84 (hist. Mexican dipterol.).
- nigrinus** Macquart, 1848: 190 (1848: 30), pl. 3, fig. 5 (*Asilus*; preocc. Wiedemann, 1821). Type-locality: “Brazil”. Refs. – Walker, 1855: 702 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 261 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 478 (*Nerax*), 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*). Type, OXF.
- nigrostriata** Engel, 1930: 465, figs. 6-7 (*Heligmoneura*). Type-locality: Argentina, Formosa, Misión Tacaagle and San José. Refs. – Hull, 1962 (2): 590 (*Neomochtherus*); Martin & Papavero, 1970: 90 (cat.).
- ocrealis** Rondani, 1863: 45 (*Philammosius*). Type-locality: “Chile”. Refs. – Williston, 1891: 69 (cat.; *Philammosius*); Hull, 1962 (1): 106 (*Stichopogon*); Martin & Papavero, 1970: 5 (cat.; ?*Stichopogon*). Type, MZUN.
- ochrealis* Kertész, 1909: 84 (cat.; *Stichopogon*), emend.
- parvus** Rondani, 1850b: 369 (789) (*Dasipogon*). Type-locality: “Equatorial America”. Refs. – Osten Sacken, 1891: 419 (*Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*). Type, MZUN.
- phalma** Walker, 1849: 331 (*Dasyopogon*). Type-locality: unknown. Refs. – Walker, 1854: 486 (*Dasyopogon*); Williston, 1891: 68 (*Dasyopogon*); Kertész, 1909: 65 (cat.; *Heteropogon*); Hull, 1962 (1): 164 (*Heteropogon*).
- phalna* Martin & Papavero, 1970: 20 (?*Heteropogon*), error.
- *poecilopus** Philippi, 1865: 697 (*Asilus*). Type-locality: Chile: Valparaiso, and Choapa, Illapel. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 262 (cat.; *Asilus*); Bromley, 1932: 281 (*Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- pumilus** Macquart, 1838: 37 (1839: 153) (*Dasyopogon*). Type-locality: Brazil, northern São Paulo. Refs. – Walker, 1854: 434 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*). Type, MNHNP.
- *punctipennis** Macquart, 1838: 46 (1839: 166) (*Dasyopogon*). Type-locality: “Chile”. Refs. – Blanchard, 1852: 365 (*Dasyopogon*); Walker, 1854: 441 (*Dasyopogon*); Philippi, 1865: 685 (*Dasyopogon*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 130 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*).
- rubiginipennis** Macquart, 1838: 45 (1839: 161) (*Dasyopogon*). Type-locality: Brazil, northern São Paulo. Refs. – Walker, 1854: 439 (*Dasyopogon*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 131 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*). Type, MNHNP.
- rufipalpis** Macquart, 1838: 146 (1839: 262) (*Asilus*). Type-locality: Western part of Uruguay, along Uruguay river (as “depuis de l’embouchure de l’Uruguay jusqu’aux Missions”). Refs. – Walker, 1855: 705 (*Asilus*); Lynch Arribálzaga, 1880: 174 (*Mochtherus*), 1883a: 151 (cat.; *Neomochtherus*), 1883b: 16 (*Neomochtherus*); Williston, 1891: 89 (cat.; *Heligmoneura*); Kertész, 1909: 288 (cat.; *Heligmoneura*); Hull, 1962 (2): 590 (*Neomochtherus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- rufiventris** Walker, 1854: 503 (*Dasyopogon*; preocc. Wiedemann, 1821). Type-locality: “South America”. Ref. – Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- rufiventris** Wiedemann, 1821: 223 (*Dasyopogon*). Type-locality: “South America”. Refs. – Wiedemann, 1828: 388 (*Dasyopogon*); Walker, 1854: 432 (*Dasyopogon*); Schiner, 1866: 678 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 131 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 90 (cat.; *Dasyopogon*).
- *sericans** Walker, 1857: 130 (*Asilus*). Type-locality: Brazil, Amazonia. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 263 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- *servillei** Macquart, 1834: 313 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 703 (*Asilus*); Kertész, 1909: 263 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 90 (cat.; *Asilus*).
- servillea* Williston, 1891: 91 (cat.; *Asilus*), error.
- *tatius** Walker, 1851: 148 (*Asilus*). Type-locality: “Colombia”. Refs. – Walker, 1855: 702 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 264 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 91 (cat.; *Asilus*).
- *tenuiventris** Macquart, 1855: 86 (1855: 66), pl. 2, fig. 11 (*Asilus*). Type-locality: “South America”. Refs. – Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 264 (cat.; *Asilus*); Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 91 (cat.; *Asilus*).
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- tristis** Wiedemann, 1828: 470 (*Asilus*). Type-locality: “Brazil”. Refs. – Walker, 1855: 635 (*Erax*); Schiner, 1866: 687 (*Asilus*); Williston, 1891: 91 (cat.; *Asilus*); Kertész, 1909: 265 (cat.; *Asilus*); Bromley, 1946: 116 (cat.; *Asilus*); Hull, 1962 (2): 546 (*Asilus*); Martin & Papavero, 1970: 91 (cat.; *Asilus*). Type, BZM [no. 2042; cf. Schumann, 1973: 166].

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