

# Neotropical Diptera

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## Catalogue of Neotropical Diptera. Asilidae<sup>1</sup>

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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 1513 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			<b>535</b>
	<b>Asilus-group</b>		<b>83</b>
		<i>Anarmostus</i>	1
		<i>Chilesus</i>	1
		<i>Cnodalomyia</i>	2
		<i>Cratopoda</i>	2
		<i>Epipamponeurus</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
	<b>Efferia-group</b>		<b>128</b>
		<i>Albibarbefferia</i>	16
		<i>Carinefferia</i>	9
		<i>Cratolestes</i>	2
		<i>Diplosynapsis</i>	4

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	<i>Efferia</i>	16
	<i>Nerax</i>	52
	<i>Pogonioefferia</i>	12
	<i>Porasilus</i>	7
	<i>Triorla</i>	10
<b>Eicherax-group</b>		<b>19</b>
	<i>Eicherax</i>	9
	<i>Eraxasilus</i>	10
<b>Eichoichemus-group</b>		<b>15</b>
	<i>Eichoichemus</i>	12
	<i>Proctophoroides</i>	2
	<i>Wygodasilus</i>	1
<b>Glaphyropyga-group</b>		<b>22</b>
	<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
<b>Lecania-group</b>		<b>26</b>
	<i>Cerozodus</i>	1
	<i>Ctenodontina</i>	4
	<i>Lecania</i>	21
<b>Lochmorhynchus-group</b>		<b>15</b>
	<i>Apotinocerus</i>	1
	<i>Lochmorhynchus</i>	14
<b>Mallophora-group</b>		<b>102</b>
	<i>Amblyonychus</i>	16
	<i>Carreraomyia</i>	2
	<i>Mallophora</i>	59
	<i>Megaphorus</i>	7
	<i>Promachella</i>	1
	<i>Promachus</i>	17
<b>Myaptex-group</b>		<b>21</b>
	<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
<b>Ommatius-group</b>		<b>113</b>
	<i>Ommatius</i>	113
<b>Proctacanthus-group</b>		<b>43</b>
	<i>Eccritosisia</i>	4
	<i>Proctacanthella</i>	4
	<i>Proctacanthus</i>	15
	<i>Taurhynchus</i>	20
<b>Unplaced or unrecognized species of Asilinae</b>		<b>9</b>
<b>Unrecognized genera of Asilinae</b>		
	<i>Labromyia</i>	<b>1</b>
	<i>Pediophoneus</i>	(no species included)
<b>DASYPOGONINAE</b>		<b>231</b>
<b>Dasypongonini</b>		<b>48</b>
	<i>Aczelia</i>	3
	<i>Amorimius</i>	4
	<i>Araucopogon</i>	1
	<i>Austenmyia</i>	1
	<i>Cleptomyia</i>	1

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

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	Ichneumolaphria	3
	Joartigasia	3
	Lampria	19
	Laphria	6
	Phellopteron	8
	Rhopalogaster	
Neophoneini		<b>2</b>
	Neophoneus	2
Unplaced species of Laphriinae		<b>17</b>
<b>LAPHYSTIINAE</b>		<b>33</b>
	<i>Apoxyria</i>	2
	<i>Asicya</i>	1
	<i>Chrysotriclis</i>	1
	Cochleariocera	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		<b>2</b>
<b>LEPTOGASTRINAE</b>		<b>89</b>
	Apachekolos	8
	Beameromyia	12
	Eurhabdus	4
	Leptogaster	37
	Leptopteromyia	7
	Psilonyx	6
	Schildia	8
	Systologaster	6
	Tipulogaster	1
<b>STENOPOGONINAE</b>		<b>229</b>
Acronychini		<b>10</b>
	Acronyches	10
Bathypogonini		<b>1</b>
	Carebaricus	1
Cyrtopogonini		<b>54</b>
	Ablautus	7
	Callinicus	1
	Cyrtopogon	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	<b>1</b>
	Nannodioctria	1
	Echthodopini	<b>1</b>
	Bohartia	1
	Enigmomorphini	<b>55</b>
	<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>Prolepsis</i>	17
	<i>Taperigna</i>	1
	Phellini	<b>2</b>
	Obelophorus	2
	Plesiommatini	<b>18</b>
	Cystoprosopa	2
	Dapsilochetus	1
	Plesiomma	15
	Stenopogonini	<b>53</b>
	Ospriocerus	16
	Scleropogon	9
	Stenopogon	28
	Tillobromatini	<b>34</b>
	Euthrixius	3
	Grajahua	1
	Scylaticina	1
	Scylaticodes	4
	Tillobroma	21
	Zabrotica	1
	<i>Unrecognized sp.</i>	3
<b>STICHOPOGONINAE</b>		<b>28</b>
	Argyropogon	1
	Lasiopogon	3
	Lissoteles	9
	Stichopogon	5
	Townsendia	10
<b>TRIGONOMIMINAE</b>		<b>43</b>
	Haplopogon	2
	<i>Holcocephala</i>	37
	Meliponomima	1
	Orrhodops	2
	Seabramyia	1
<b>Unplaced genus of Asilidae</b>		
	Araripogon	<b>1</b>
<b>Unplaced species of Asilidae</b>		<b>47</b>

## 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  
 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.  
 UK – University of Kansas, Lawrence  
 USNM – United States National Museum, 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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## 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

Lycomyriaria 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 **Lochyus** Artigas, 1970

**Lochyus** 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.).  
*Lycomya*, 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 Tancítaro. Distr. – Mexico (Michoacán). Refs. – Hull, 1962 (2): 545 (*Asilus*); Martin & Papavero, 1970: 86 (cat.); Martin, 1975c: 36, fig. 34. Type, CMNH.

**cancerae** 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 (behavioural thermoregulation). LT 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.; *Heligmoneura*, 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.; *Heligmoneura*); Kertész, 1909: 281 (cat.; *Heligmoneura*); 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.

*plebius* 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 (*Heligmoneura*); Aldrich, 1905: 281 (cat.; *Heligmoneura*); Hine, 1909: 169, figs. 42-43 (*Asilus*); Kertész, 1909: 289 (cat.; *Heligmoneura*); 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 (Heligmoneura) 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 (Heligmoneura)*). Type-locality: Mexico, Guerrero: Dos Arroyos, río Papagaio, Venta de Zopilote, and Tierra Colorada. Distr. – Mexico (Guerrero). Refs. – Aldrich, 1905: 281 (cat.; *Heligmoneura*);

Kertész, 1909: 289 (cat.; *Heligmoneura*); Hull, 1962 (2): 514 (*Cerdistus*); Martin & Papavero, 1970: 91 (cat.; unplaced); Martin, 1975c: 60, fig. 60 (*Polacantha (Echinotropis)*); n. comb.); Papavero & Ibáñez Bernal, 2003: 176 (hist. Mexican dipterol). Syntypes, BMNH, TP SMTD [cf. Kallweit, 1992: 198].

### Genus *Prolatforceps* Martin, 1975

**Prolatforceps** 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 Luís 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 Suilla 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.

- brasiliensis** (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 Pangué. 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 Pangué. 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.

*cinerascens* 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.
- quadrimaculata** (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.
- cresoni** (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, UK.
- 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.

*permiger* 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*, *anomalous*-group of Hine, 1919: 119.

*Erax*, *anomala*-group of Wilcox, 1966c: 120.

**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.
- 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.
- 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.
- ?flavotibia** (Bigot), 1878: 329 (*Phoneus*). Type-locality: “Haiti”. Distr. – 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.).
- flavitibialis* Bigot, 1879: xxi (*Phoneus*), emend.
- flavipes* Bigot, 1880: xl (*Phoneus*), error.
- flavitibius* Bigot, 1880: xl (*Phoneus*), emend.
- flavitibia* Aldrich, 1905: 273 (cat.), error.
- fortis** (Walker), 1855: 623 (*Erax*). Type-locality: “Santo Domingo”. Distr. – Dominican Republic. 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. 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*). Type, OXF.
- 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. Type, lost.
- 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.
- pachychaeta** (Bromley), 1928: 1 (*Erax*). Type-locality: Haiti, La Morinière. 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. Type, AMNH.
- 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.). Type,
- 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. Type, KIEL [cf. Zimsen, 1964: 471].
- haitensis* Macquart, 1848: 188 (1848: 28) (*Erax*). Type-locality: “Haiti”. Refs. – Walker, 1855: 623 (*Erax*); Aldrich, 1905: 276 (cat.; *Erax*); Kertész, 1909: 237 (cat.; *Erax*); Curran, 1928b: 23 (*Erax*), 1931a: 9 (*Erax*). Type, OXF.
- 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.

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.
- chapidensis** (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].
- forbesi** (Curran), 1931a: 10, fig. 3 (*Erax*). Type-locality: Puerto Rico, Coamo Springs. Refs. – Martin & Papavero, 1970: 63 (cat.; *Efferia*); Artigas & Papavero, 1997b: 71. Type, AMNH.
- fuscanipennis** (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.
- portoricensis** (Hine), 1919: 128, fig. 24 (*Erax*). Type-locality: Puerto Rico, Ensenada. 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. Type, AMNH.
- 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 *Pogoniofferia* Artigas & Papavero, 1997

- Pogoniofferia** 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.  
*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, ?USNM.  
*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.

**garciyai** 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. LT MNHNP. Refs. – Walker, 1855: 620 (*Erax*); Osten Sacken, 1878: 234 (cat.; *Erax*); Hull, 1962 (2): 478 (*Nerax*); Tomasovic, 2002b: 53, fig. 2 (LT 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.). LT LILLE [des. by Tomasovic, 2002b: 54].

*argyrogaster* 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.). LT 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 (LT des.). LT 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 (cart.; *Erax*); Tomasovic, 2002: 56, fig. 10. Type, MNHNP.
- parastricola** 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. LT MNHNP.
- spinosa** Tomasovic, 2002b: 58, fig. 17. Type-locality: “Colombia”. Type, LILLE.
- striola** (Fabricius), 1805: 172 (*Dasypogon*). 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 Arribálzaga, 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.
- nigrimystaceus** (Macquart), 1847: 57 (1847: 41) (*Erax*). Type-locality: “Guadeloupe”. 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; Martin & Papavero, 1970: 70 (cat.); Scarbrough & Knutson, 1989: 523, fig. 3 (*Efferia*); Artigas & Papavero, 1997b: 72 (*Nerax*). Type, OXF.
- ricnotes** (Engel), 1930: 461, fig. 4 (*Neoeristicus*). Type-locality: Argentina, Formosa, Estancia Tapikiolé; and Bolivia, La Paz, Mapi, Sarampiuní, 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 *pyrrhomystax* 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 *pyrrhomystax* 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 (1°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 Pangué, 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.
- ?*mygdon* 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 *Apotinocerus* Hull, 1956

**Apotinocerus** 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 *Apotinocerus*, 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, *nomun nudum*.

*amblayoensis* 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.

**cienagaensis** (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-Méneville), 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, 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 (*Dasyopogon*). 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 (*Dasypogon*); 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).
- ?*breviusculus* 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,
- 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.
- substitutulus** (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 Chipiriri, 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.
- yepezi** (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.
- alpuyecá** (Cole & Pritchard), 1964: 63 (*Carreraia*). Type-locality: Mexico, Morelos, Alpuyecá. 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* (*carbobararius* 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.
- xylocopiides* 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.
- xylocopides* 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 (iii) (*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.).
- auromystacea* 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 (LT 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. LT ANSP [des. by Cresson Jr., 1926: 91].
- chrysomela* Bromley, 1925: 193. Type-locality: U. S. A., Georgia, Atlanta. Refs. – Cresson Jr., 1926: 91 (LT 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. LT 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.
- clavitarsis* 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 (unrecogn.); 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.
- hemivitrearia** 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 (*Dasyopogon*). 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, fig. 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 Luís). 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.
- tisiphones* 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.
- hirtiventris* 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 Luís Potosí, Valles El Bonito. Distr. – Mexico (San Luís 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. Jousseume, 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. – Scarborough & 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; Scarborough & 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*); Scarborough & Perez-Gelabert, 2005: 42 (n. comb.). PT MCZ.

**caputitis** Scarborough & 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; Scarborough & Perez-Gelabert, 2005: 49. Type, COR.

**juventus** Scarborough & 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*); Scarborough & Perez-Gelabert, 2005: 45 (n. comb.). Type, MCZ.

**planus** Scarborough & 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. – Scarborough & 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*); Scarborough & Perez-Gelabert, 2005: 46 (n. comb.). Type, USNM.

**similis** Scarborough & 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** Scarborough & 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. – Scarborough & 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.
- angustatus** 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). LT TORO [des. by Scarbrough, 1993: 739].
- barbiellini* 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 (Oligonene/Miocene).
- †*fimbriatus* Scarbrough & Poinar Jr., 1992: 13 (preocc. G. H. Hardy, 1949). Type-locality: Dominican Republic (Oligonene/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 Altigracia, La Vega, M. T. Sánchez, Pedernales, Peravia, Sánchez Ramírez, San Cristóbal, San Pedro de Macoris, Santiago). Refs. – Scarbrough, 1997a: 12, figs. 11-20; Scarbrough & Perez-Gelabert, 2003: 48, fig. 49, 2006: 46. LT 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 Macoris, 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. LT 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 & García 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.

- narius** 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, 0°50' 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). LT 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. LT 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: 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. LT 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.

- riahi** 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.  
*tandapiensis* Scarbrough, 2002: 139 (in key), error.
- tepuí** 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, Tucumán, Tafí 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. – Hispabiola, 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. LT 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 *Eccritosisia* Schiner, 1866

**Eccritosisia** Schiner, 1866: 674. Type-species, *Asilus barbatus* Fabricius, 1787 (orig. des.).

*Eccritosisia* 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.
- barbiellinii* 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. LT 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. LT 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, UK.
- 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 Arribáizaga), 1880: 264 (*Proctacanthus*). Type-locality: Argentina, Misiones. Refs. – Lynch Arribáizaga, 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.
- Dasypogomniina, 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 Arribáizaga), 1880: 183 (*Allopogon*). Type-locality: Argentina, Buenos Aires, San José de Flores. Distr. – Argentina (Buenos Aires). Refs. – Lynch Arribáizaga, 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.; *Sarapogon*); 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.; *Sarapogon*); 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 (*Dasygogon*). Type-locality: Brazil, Pará, Santarém. Distr. – Brazil (Pará, Ceará, Rio Grande do Norte), Paraguay, Argentina. Ref. – Williston, 1891: 68 (cat.; *Dasygogon*); Kertész, 1909: 132 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Dasygogon*); Hull, 1962 (1): 228 (*Dasygogon*); 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

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

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

*Araiopogon* Carrera, 1949: 122. Type-species, *Dasygogon 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 *Cleptomysia*); 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) (*Dasyopogon*). Type-locality: “Mexico”. Distr. – Mexico (Veracruz). Refs. – Walker, 1847: 428 (*Dasyopogon*); 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.; *Ceraturegus*); 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.).

**miser** (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 **Aphamartania** Schiner, 1866

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

**breviventris** (Macquart), 1848: 181 (1848: 21), pl. 1, fig. 13 (*Dasygogon*). Type-locality: “Rio Negro”. Refs. – Walker, 1854: 435 (*Dasygogon*); 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 (*Dasygogon*). 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, 197d: 53, figs. 1-3. Type-locality: Panama, Potrerillos. Distr. – Panama. Type, USNM.

**maculipennis** (Macquart), 1838: 37 (1839: 133), pl. 3, fig. 8 (*Dasygogon*). Type-locality: Brazil, western Minas Gerais. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná), Argentina (Misiones). Refs. – Walker, 1854: 436 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 129 (cat.; *Dasygogon*); Carrera, 1945b: 170; Bromley, 1946: 107 (cat.; *Dasygogon*); Carrera, 1949: 128; Hull, 1962 (1): 228 (*Dasygogon*), 263, figs. 174, 551, 1145, 1154, 1856, 1951 [*Aphamartania*]; 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.
- gellergrimmii** 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.). LT MNHNP [des. by Papavero, 1971d: 23].
- sundra* Pritchard, 1943: 294 (in key), 295. Type-locality: Ecuador, Pondo. 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** Jaennicke, 1867

*Pygostolus* Loew, 1866: 16 (Cent. 7, no. 28) (preocc. Haliday, 1833). Type-species, *Pygostolus argentifer* Loew, 1866 (sub. des., Coquillett, 1910: 598) = *Niocles politus* (Say, 1823).

**Niocles** Jaennicke, 1867: 355. Type-species, *Niocles analis* Jaennicke, 1867 (mon.).

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

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

**analis** Jaennicke, 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 auctors, part, misident.
- Planetolestes* Lynch Arriubáizaga, 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.; *Stenobasis*, 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 (*Stenobasis*); Lynch Arriubáizaga, 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.; *Stenobasis*, 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). NT MZUSP [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.; *Stenobasis*, 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 (*Dasygogon*); 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.; *Stenobasis*); Snow, 1896: 177; Williston, 1901: 310; Aldrich, 1905: 236 (cat.); Kertész, 1909: 124 (cat.; *Stenobasis*); 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) (*Dasygogon*). Type-locality: Argentina, Buenos Aires. Refs. – Walker, 1854: 439 (*Dasygogon*); Lynch Arribálzaga, 1879: 150 (n. comb.; as syn. of *coarctatum* Perty, 1833); Kertész, 1909: 124 (cat.; *Stenobasis*, 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 (*Dasygogon*). Type-locality: unknown (“South America” in type label). Refs. – Walker, 1854: 485 (*Dasygogon*); Kertész, 1909: 139 (cat.; *Dasygogon*); 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.; *Stenobasis*); 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.; *Stenobasis*, 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.; *Stenobasis*); 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.; *Stenobasis*, 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, *Dasyopogon 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.).

**anomalus** 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.**

**argyrocincta** (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 Arrbálzaga, 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 Arrbálzaga, 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 (*Dasygogon*). 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 (*Dasygogon*); 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 (*Dasygogon*). Type-locality: "Brésil, Missions" [= western part of the state of Rio Grande do Sul; cf. Papavero, 1971e: 121]. Refs. – Walker, 1854: 436 (*Dasygogon*); Osten Sacken, 1891: 418 (*Dasygogon*); Kertész, 1909: 119 (*Dasygogon*).
- annulitarsis* Rondani, 1868: 32 (*Dasygogon*). Type-locality: Argentina, Santa Fe, Córdoba, Río Cuarto and Rosario. Refs. – Lynch Arribálzaga, 1880: 28 (*Dasygogon*); Hull, 1962 (1): 228 (*Dasygogon*). Type, MZUN.
- gracilis* Bigot, 1878: 418 (*Dasygogon*). 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) (*Dasyopogon*). 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 (*Atoniomyia*); 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 (*Dasyopogon*), 1828: 382 (*Dasyopogon*); Macquart, 1838: 34 (*Dasyopogon*); Walker, 1849: 338 (*Dasyopogon*), 1854: 421 (*Dasyopogon*); Bellardi, 1861: 67 (*Dasyopogon*); Schiner, 1868: 677 (*Dasyopogon*); 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) (*Dasyopogon*). 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 (*Dasyopogon*), 1854: 431 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); 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 (*Dasyopogon*). 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 (*Dasyopogon*). Type-locality: “Brazil”. Distr. – Brazil (Minas Gerais, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1821: 217 (*Dasyopogon*), 1828: 374 (*Dasyopogon*); Walker, 1854: 444 (*Dasyopogon*); Schiner, 1866: 676 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 127 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); 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) (*Dasyopogon*). 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) (*Dasyopogon*). 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) (*Dasyopogon*). 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 (*Dasyopogon*). Type-locality: “Honduras”. Distr. – Honduras. Refs. – Walker, 1854: 431 (*Dasyopogon*); 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 (*Dasyopogon*). Type-locality: French Guiana, Cayenne. Distr. – French Guiana. Syntypes,

MNHNP, OXF. Refs. – Walker, 1854: 440 (*Dasyopogon*); Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Bromley, 1934b: 335 (*Deromyia*); Hull, 1962 (1): 228 (*Dasyopogon*); 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 (*Dasyopogon*). 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 (*Dasyopogon*). Type-locality: Argentina (Corrientes). Distr. – Argentina (Corrientes). Type, SENCK [cf. Geller-Grimm, 1999: 200]. Refs. – Lynch Arribáizaga, 1880: 137 (*Dasyopogon*), 1883a: 137 (cat.; *Dasyopogon*); 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 (*Dasyopogon*). Type-locality: Brazil, Pará (i. e., Pará, Belém). Distr. – Venezuela, Peru, Brazil (Amazonas, Pará). Refs. – Walker, 1854: 433 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 128 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); 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 (*Dasyopogon*). Type-locality: “South America”. Distr. – Brazil. Refs. – Walker, 1854: 445 (*Dasyopogon*); Schiner, 1866: 676 (*Dasyopogon*); Williston, 1891: 76 (cat.; *Dasyopogon*); Kertész, 1909: 129 (cat.; *Dasyopogon*); 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 (*Dasyopogon*). 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.
- lindigii** (Schiner), 1868: 165 (*Dasyopogon*). 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 (*Dasyopogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1854: 428 (*Dasyopogon*); Bellardi, 1861: 75 (*Dasyopogon*); 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) (*Dasyopogon*). 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) (*Dasyopogon*). Type-locality: “Mexico”. Distr. – Mexico. Refs. – Walker, 1854: 428 (*Dasyopogon*); Osten Sacken, 1874: 185; Aldrich, 1905: 267 (cat.; *Dasyopogon*); 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 & García Ávila, 1983: 45 (cat.). Type, MCZ.
- tricolor** (Bellardi), 1861: 169 (69) (*Dasygogon*). 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) (*Dasygogon*). 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 (*Dasygogon*). Type-locality: “South America”. Distr. – Colombia, Brazil (Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1828: 387, pl. 6, fig. 2 (*Dasygogon*); Walker, 1849: 332 (*Dasygogon*), 1854: 432 (*Dasygogon*); Schiner, 1868: 678 (*Dasygogon*); 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, *Dasygogon 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 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Brazil (São Paulo, Paraná, Rio Grande do Sul), Paraguay, Argentina (Buenos Aires). Refs. – Walker, 1854: 446 (*Dasygogon*); 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

*Dasygogon*, 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) (*Dasygogon*). Type-locality” Brazil”. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Walker, 1854: 435 (*Dasygogon*); Williston, 1891: 76 (*Dasygogon*); Kertész, 1909: 127 (cat.; *Dasygogon*); 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.; *Dasygogon*), 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 (*Dasipogon*). 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 (1°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.

- carrerae** 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 (*Dasygogon*). Type-locality: “Brazil” [Olfers; cf. Papavero, 1971e: 69]. Distr. – Brazil (Rio de Janeiro, São Paulo). Refs. – Wiedemann, 1828: 402 (*Dasygogon*); Walker, 1854: 443 (*Dasygogon*); Schiner, 1866: 679 (*Dasygogon*); Williston, 1891: 67 (cat.; *Dasygogon*); Kertész, 1909: 128 (cat.; *Dasygogon*); 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.; *Dasygogon*), 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 (*Dasygogon*). Type-locality: “South America”. Refs. – Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 230 (cat.; *Dasygogon*); Carrera, 1949: 98 (*Lastauroides*); Hull, 1962 (1): 241 (*Lastauroides*); Martin & Papavero, 1970: 29 (cat.; *Lastauroides*). Type, NMW.
- melanogaster** (Wiedemann), 1821: 215 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro, Paraná, Santa Catarina), Argentina (Misiones). Refs. – Wiedemann, 1828: 368 (*Dasygogon*); Macquart, 1834: 294 (*Dasygogon*), 1838: 35 (*Dasygogon*); Walker, 1849: 366 (*Dasygogon*), 1854: 430 (*Dasygogon*); Schiner, 1866: 675 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 130 (cat.; *Dasygogon*); 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 (*Dasygogon*); Williston, 1891: 128 (cat.; *Dasygogon*); Kertész, 1909: 128 (cat.; *Dasygogon*); Bromley, 1946: 107 (cat.; *Diogmites*); Hull, 1962 (1): 228 (*Dasygogon*). Type, lost.
- rapax* Walker, 1851: 88 (*Dasygogon*). Type-locality: “South America”. Refs. – Walker, 1854: 430 (*Dasygogon*); Williston, 1891: 76 (cat.; *Dasygogon*); Kertész, 1909: 131 (cat.; *Dasygogon*). 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

- Phonicleptes** 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 (*Dasygogon*). Type-locality: Brazil, northern state of São Paulo. Distr. – Peru (Loreto), Brazil (São Paulo, Paraná). Refs. – Walker, 1854: 440 (*Dasygogon*); 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 (*Dasygogon*). Type-locality: unknown. Refs. – Walker, 1854: 484 (*Dasygogon*); Kertész, 1909: 132 (cat.; *Dasygogon*); 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

*Dasypogon*, subg. **Cyrtophrys** Loew, 1851: 3. Type-species, *Dasypogon (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 (*Dasypogon (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.; *Myolestes*); 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.

*fascipennis* 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 (*Dasygogon*). 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; Martin & 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; Martin & 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. 76-81 TP 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; Martin & 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*); Martin & 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 in 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 (4°32’42.20” N, 52°09’09.19” W). Distr. – French Guiana. Type, FUSAGembloux.
- dandrettae** Carrera, 1949: 15 (as *d’andrettae*). Type-locality: Brazil, São Paulo, Itaporanga (Nucleo Barão de Antonina). Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Carrera, 1952c: 82; Hull, 1962 (1): 430; Martin & 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. – Martin & 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*; *cyaneiventris*, *varipennis*, *latipes*, *guentherii* and *panamensis* as syn.); Hull, 1962 (1): 427, figs. 236, 647, 1278, 1287, 2104, 2118, 2169 (*Doryclus*); Martin & 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, 1852c: 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. LT 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 (*Dasypogon*). Type-locality: “Venezuela”. Distr. – Colombia, Venezuela. Refs. – Walker, 1854: 432 (*Dasypogon*); Williston, 1891: 76 (cat.; *Dasypogon*); 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.). LT 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, Río 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.
- flukei** 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 (*Dasygogon*), 1828: 386, 585 (*Dasygogon*); Walker, 1854: 444 (*Dasygogon*); 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-Ragués, 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.
- erythropteryga** (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 & Garcia 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 *phönigogaster*). Type-locality: Bolivia, Mapiiri, 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 (Pilica)*); 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. LT SENCK [des. by Artigas, Papavero & Pimentel, 1988: 247]; PLT 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, 1910: 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.

**barbiellinii** 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.
- dasybus** (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 Arribálzaga, 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.
- limbiventris* Lynch Arribálzaga, 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 (*Dasypogon*; preocc. Rondani, 1850). Type-locality: "Cuba". Refs. - Aldrich, 1905: 267 (cat.; *Dasypogon*); Kertész, 1909: 130 (cat.; *Dasypogon*); 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 Ávila, 1983: 47 (cat.).
- sp.**, near **dasyptus** (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, Severínia. 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.
- laterepunctata** (Hermann), 1912: 93, fig. 36 (*Atonia*). Type-locality: Peru, Huánuco, mouth of Pachitea river; Cuzco, Umuhuanqiali at Urubamba river and Pasco, Puerto Yessup; Bolivia, Mapiri, Sarampiuni; 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.).
- Ceratoaenia* 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, Mapi, 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 & García 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 (*Ceratotaenia*). 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.
- 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.
- 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.
- 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.  
*metalescens* 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.; *gg 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, Mapiro, Sarampuni. 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 (*Dasyopogon*). Type-locality: Chile, Valdivia. Refs. – Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 126 (cat.; *Dasyopogon*); Bromley, 1932: 268; Stuardo Ortiz, 1946: 83 (cat.); Hull, 1962 (1): 402, figs. 224, 670, 1308, 1317, 2172. Type, MNHNS.

*sericeus* Philippi, 1865: 691 (*Dasyopogon*). Type-locality: “Chile”. Refs. – Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 131 (cat.; *Dasyopogon*); Stuardo Ortiz, 1946: 82 (cat.; *Dasyopogon*); Hull, 1962 (1): 402 (*Dasyopogon*). 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 *carrerae*, 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.).

*Lucundus* Kaletta, 1978: 52. Type-speciesw, *Lucundus aveledoi* 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].

**aveledoi** (Kaletta), 1978: 54, pl. 1, figs. 4, 6-9 (*Lucundus*). 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, Umuhuankiali, 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 **Atomosini**

#### 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, Mapiro, 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, 1951 (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].
- schachtli** 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 Luis 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 Luis 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

- Lapria* 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.
- araujoi** 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 & Garcia 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, 4°31’N, 52°05’W. Distr. – French Guiana. Type, FUSAGembloux.
- niphardis** Hermann, 1912: 213. Type-locality: Bolivia, La Paz, Mapiri, Sarampiuní, 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 Arribalzaga, 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.).

**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, *Dasyopogon micans* Philippi, 1865 (orig. des.).

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

**micans** (Philippi), 1865: 690, fig. (*Dasyopogon*). 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.; *Dasyopogon*); 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 (*Dasyogon*). Type-locality: Chile, Choapa, Illapel. Refs. – Williston, 1891: 68 (cat.; *Dasyogon*); Kertész, 1909: 132 (cat.; *Dasyogon*); 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 **Laphymolestes** Hull, 1962

**Laphymolestes** Hull, 1962 (1): 76. Type-species, *Laphymolestes 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, UK.

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 Luis 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, UK.
- 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 & Garcia 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, UK.
- 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, UK.
- 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 (1°25'S, 78°12'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, Tefê (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 & García Ávila, 1983: 50 (cat.); Scarbrough, 1996: 202. Syntypes, MCZ, BZM [no. 6492; cf. Schumann, 1973: 140].  
*ramoni* Jaennicke, 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. LT 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.).
- triangulata** 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 Diovo Codillal, error]. Distr. – Argentina (Tucumán). Type, IML.

*argentinae* Martin, 1971: 266 (only in key, without description), *nomen nudum*.

**brasilae** 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. – 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, Higuito. 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 (*Lasioenemus*). Type-locality: Brazil, “Amazon”. Refs. – Williston, 1891: 69 (cat.; *Lasioenemus*); Kertész, 1909: 57 (*Lasioenemus*); Bromley, 1946: 105 (cat.; *Lasioenemus*); 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.*

- 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), 1865: 686 (*Dasygogon*). Type-locality: Chile, Choapa, Illapel. Refs. – Bigot, 1878: 220; Williston, 1891: 68 (*Dasygogon*); 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, Tetelapán. Distr. – Mexico (Oaxaca). Ref. – Martin & Papavero, 1970: 18 (cat.). Type, UK.

### Genus **Heteropogon** Loew, 1847

- Dasygogon*, subg. **Heteropogon** Loew, 1847: 488. Type-species, *Dasygogon manicatus* Meigen, 1820 (sub. des., Back, 1909: 318).
- Anisopogon* Loew, 1874: 377 (unjustified *nom. nov.* for *Heteropogon* Loew, 1847). Type-species, *Dasygogon manicatus* Meigen, 1820 (aut.).
- Dasygogon*, subg. *Pycnopogon* Loew, 1847: 526. Type-species, *Dasygogon (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, 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, 1936:b 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, *Dasycyrtion minusculus* Artigas, 1970 (orig. des.).
- minuscula** (Artigas), 1970a: 101, figs. 77, 425 (*Dasycyrtion*). Type-locality: Chile, Linares, El Radal. Distr. – Chile (Linares, Valdivia). Refs. – Artigas, 1971: 20, figs. 39-40 (*Dasycyrtion*); 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 (*Dasycyrtion*). 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 (*Dasycyrtion*), 1971: 21, fig. 4 (*Dasycyrtion*); 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, UK.
- 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.

Diochiini 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, Biobío, 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) (preoc. Selys-Longchamps, 1862). Type-species, *Dasygogon capnopterus* Wiedemann, 1828 (sub. des., Schiner, 1868: 168).

**Archilestris** Loew, 1874a: 377 (*nom. nov.* for *Archilestes* Schiner, 1866). Type-species, *Dasygogon capnopterus* Wiedemann, 1828 (aut.).

*Pseudarchilestes* Bigot, 1889: clxxxiii (unnecessary *nom. nov.* for *Archilestes* Schiner, 1866). Type-species, *Dasygogon capnopterus* Wiedemann, 1828 (aut.).

*Pseudoarchilestes* Bigot, 1890: 96, emend.

Ref. – Papavero & Bernardi, 1974 (key to spp.).

**capnoptera** (Wiedemann), 1828: 376 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Brazil (Mato Grosso, Goiás, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina), Paraguay. Refs. – Walker, 1854: 444 (*Dasygogon*); 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). LT NMW [des. by Papavero & Bernardi, 1974: 266].

*albitarsis* Macquart, 1846: 194 (1846: 66), pl. 7, fig. 7 (*Dasygogon*). Type-locality: Brazil, Minas Gerais. Refs. – Walker, 1854: 410 (*Dasygogon*); 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 (*Dasygogon*). 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 (*Dasygogon*); Schiner, 1868: 168 (*Archilestes*); Loew, 1872a: 68 (*Microstylum*; 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.

*keiseri* 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.

*nigribarbis* 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. LT 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. LT 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, *Dasyopogon longiungulatus* Macquart, 1850 (mon.) = *Dicranus schrottkyi* 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: 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 (*Dasyopogon*). 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 (*Dasyopogon*); Loew, 1851: 23; Walker, 1854: 445 (*Dasyopogon*); 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 (*Dasyopogon*; 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, *Dasyopogon 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, *Dasygogon hirtipes* Macquart, 1838 (orig. des.).  
*Strobilopygius* Hull, 1956: 70. Type-species, *Dasygogon 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) (*Dasygogon*). 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 (*Dasygogon*); Walker, 1854: 438 (*Dasygogon*); Philippi, 1865: 686 (*Dasygogon*); 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, Puella. 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, *Dasygogon 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, *Dasygogon 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 & García 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 Arribálzaga), 1881: 30 (*Tolmerolestes*). Type-locality: Argentina, Buenos Aires, Baradero. Distr. – Argentina (San Luis, Córdoba, Buenos Aires). Refs. – Lynch Arribálzaga, 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 Arribálzaga, 1879: 152 (*Cacodaemon*), 1881: 26; Wulp, 1882b: 97; Lynch Arribálzaga, 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 jusque’aux Missions”. Ref. – Walker, 1854: 438 (*Dasygogon*); Lynch Arribálzaga, 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 Arribálzaga), 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 Arribálzaga, 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 Arribálzaga, 1881); Artigas & Papavero, 1991d: 35. LT MACN.
- rubripes* Lynch Arribálzaga, 1881: 114 (*Tolmerolestes*). Type-locality: Argentina, San Luis. Refs. – Lynch Arribálzaga, 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.
- quadrimaculatus* 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 (*Dasygogon*). Type-locality: “Brazil” [Freireiss; cf. Papavero, 1971e: 57-58]. Refs. – Walker, 1854: 443 (*Dasygogon*); 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 (*Dasyllis*); 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 (*Dasygogon*); Williston, 1891: 67 (cat.; *Dasygogon*); Kertész, 1909: 129 (cat.; *Dasygogon*); Bromley, 1946: 108 (cat.); Hull, 1962 (1): 219, 228 (*Dasygogon*); 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 (*Dasygogon*); Wiedemann, 1821: 221 (*Dasygogon*), 1828: 385 (*Dasygogon*); Walker, 1854: 428 (*Dasygogon*); 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 (*Dasygogon*). Type-locality: South America (Smidt) [i. e., Guyana, between rivers Demerara and Essequibo; cf. Papavero, 1971e: 21]. Distr. – Guyana. Refs. – Wiedemann, 1821: 222 (*Dasygogon*), 1828: 386 (*Dasygogon*); Walker, 1854: 431 (*Dasygogon*); 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, 1962

### Genus *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 (!859: 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, UK.
- 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

- Dasypogon*, 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.
- fuscolimbatus** 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, UK.
- 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 (*Dasyopogon*). 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, fgs. 200-203. Type, UK.
- williamsi** Wilcox, 1971: 38, fgs. 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, fgs. 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, fgs. 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, fgs. 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, fgs. 151, 160, 164, 427 (*Scylaticus*); Martin & Papavero, 1970: 18 (cat.); Artigas, 1971: 22, fgs. 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, fgs. 1-4. Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro (Grajáú). 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 (*Dasyopogon*). Type-locality: “Chile”. Distr. – Chile (Coquimbo, O’Higgins, Santiago). Refs. – Blanchard, 1852: 367 (*Dasyopogon*); Stuardo Ortiz, 1946: 84 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); 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 (*Dasyopogon*). Type-locality: Chile, Colchagua. Refs. – Bigot, 1878: 221 (*Dasyopogon*); 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 (*Dasyopogon*). Type-locality: Chile, Colchagua. Neotype-locality: Chile, Valparaíso, Granizo. Distr. – Chile (Santiago, Talca, Valparaíso). Refs. – Williston, 1891: 68 (cat.; *Dasyopogon*); Kertész, 1909: 129 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); 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 (*Dasyopogon*). Type-locality: “Brazil”. Distr. – Peru, Bolivia, Brazil (Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Tucumán). Refs. – Walker, 1854: 440 (*Dasyopogon*); 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, Limari, 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

*Dasyogon*, subg. ***Stichopogon*** Loew, 1847: 499. Type-species, *Dasyogon elegantulus* Wiedemann in Meigen, 1820: 270 (sub. des., Back, 1909: 332).

*Stilopogon* Costa, 1883: 62. Type-species, *Dasyogon trifasciatus* Say, 1823 (orig. des.).

*Neopogon* Bezzi, 1910c: 147. Type-species, *Dasyogon 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 & Hespeneide, 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) (*Dasyogon*). Type-locality: U. S. A., Pennsylvania. Distr. – U. S. A., Mexico. Refs. – Wiedemann, 1828: 405 (*Dasyogon*); Walker, 1854: 424, 503 (*Dasyogon*); 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 & Hespeneide, 1985: 95 (predatory and mating behavior); Artigas & Papavero, 1990: 42. Type, lost.
- candidus* Macquart, 1846: 195 (1846: 67) (*Dasyogon*). Type-locality: U. S. A., Pennsylvania. Refs. – Walker, 1854: 440 (*Dasyogon*); Osten Sacken, 1874: 182; Bellardi, 1861: 78 (*Dasyogon*); 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 (*Dasyogon*). Type-locality: “Mexico”. Type, OXF.
- gelascens* Walker, 1860: 277 (*Dasyogon*). 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 aragüense 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. LT 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, *Trigonima* 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.
- latus* 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 (*Dasygogon*). Type-locality: “Brazil”. Distr. – Brazil (Rio de Janeiro, São Paulo, Santa Catarina). Refs. – Wiedemann, 1828: 411 (*Dasygogon*); Walker, 1854: 446 (*Dasygogon*); Schiner, 1866: 680 (*?Discocephala*); Williston, 1891: 67 (cat.; *?Holocephala*); Kertész, 1909: 91 (cat.; *?Holocephala*); 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, Mapiri, 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 [*Holocephala* (*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 (*Dasypogon*), 1828: 412 (*Dasypogon*); Macquart, 1838: 50 (*Discocephala*); Walker, 1854: 497 (*Discocephala*); Schiner, 1866: 681 (*Discocephala*); Williston, 1891: 72 (cat.; *Holocephala*); 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 (*Dasypogon*). 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.; *Holocephala*); Kertész, 1909: 92 (cat.); Hermann, 1926b: 159 (in key), 1924b: 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.; *Holocephala*); 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.; *Holocephala*); 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 tijuana* Carrera, 1958 (orig. des.).  
**tijuana** 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 (*Dasyopogon*). 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) (*Gonypes*). 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 (*Dasyopogon*). Type-locality: “Brazil”. Refs. – Wiedemann, 1828: 410 (*Dasyopogon*); Walker, 1854: 442 (*Dasyopogon*); Schiner, 1866: 680 (*Dasyopogon*); Williston, 1891: 67 (*Dasyopogon*); Kertész, 1909: 125 (cat.; *Dasyopogon*); Bromley, 1946: 107 (cat.; *Dasyopogon*); Hull, 1962 (1): 228 (*Dasyopogon*); Martin & Papavero, 1970: 88 (cat.; *Dasyopogon*). 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*).
- phalma* 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*).
- therevinus** Rondani, 1850b: 369 (*Asilus*). Type-locality: “Equatorial America”. Refs. – Osten Sacken, 1891: 421 (*Asilus*); Kertész, 1909: 264 (cat.; *Asilus*); Hull, 1962 (2): 546 (*Asilus*); Martin & Papavero, 1970: 91 (cat.; *Asilus*). Type, MZUN.
- 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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*bahamiensis* Scarbrough, 1996, *Leptogaster* - 109  
*baleta* (Walker), 1849 (*Asilus*), *Lecania* - 31  
*baletus* Walker, 1849 (*Asilus*) - 140  
*balmacedensis* Artigas, 1970, *Lochyryus* - 8  
*barbata* (Fabricius), 1787 (*Asilus*), *Eccritosisia* - 53  
*barbata* (Fabricius), 1805 (*Dasypogon*), *Pogoniefzeria* - 22  
*barbatus*-group of Hine, 1919 (*Erax*) - 15  
*barbiellinii* (Curran), 1935 (*Promachina*), *Amblyonychus* - 35  
*barbiellinii* Curran, 1935, *Atomosia* - 86  
*barbiellinii* (Curran), 1935 (*Mirolestes*), *Cyrtophrys* - 76  
*barbiellinii* Curran, 1934, *Eccritosisia* - 53  
*barbiellinii* Curran, 1934, *Ommatius* - 49  
*barbiellinii* Curran, 1934, *Porasilus* - 23  
*barbipes* (Wiedemann), 1819 (*Laphria*), *Mallophora* - 37  
*barbiventris* (Rondani), 1850 (*Asilus*), *Taurhynchus* - 55  
*bardyllis* (Walker), 1849 (*Asilus*), *Nerax* - 19  
*barrettoi* (Carrera), 1949 (*Macrocolus*), *Amorimius* - 58  
*basalis* (Curran), 1935 (*Allopogon*), *Caenarolia* - 68  
*basalis* Curran, 1930, *Bathropsis* - 91  
*basalis* Walker, 1855, *Leptogaster* - 109  
*basifascia* Walker, 1855, *Proctacanthus* - 54  
*basingeri* Pritchard, 1938, *Hodophylax* - 65  
*basingeri* Wilcox & Martin, 1936, *Cyrtopogon* - 114  
*bassleri* Curran, 1942, *Blepharepium* - 68  
*bassleri* Curran, 1941, *Mallophora* - 37  
*bastardoanus* Scarbrough, 2003, *Ommatius* - 48  
*batesi* Bromley, 1931, *Andrenosoma* - 81  
*Bathropsis* Hermann, 1912 - 90  
*Bathypogonini* Artigas & Papavero, 1991 - 113  
*beameri* Wilcox, 1936, *Ommatius* - 48  
*Beameromyia* Martin, 1957 - 108  
*bechyneorum* Ayala, 1982, *Holcocephala* - 137  
*beckeri* Jaenicke, 1867, *Atomosia* - 86  
*belfragei* (Hine), 1919 (*Erax*), *Efferia* - 18  
*bella* Bromley, 1929, *Rhopalogaster* - 101  
*bella* (Loew), 1897 (*Blax*), *Cophura* - 63  
*bella* Schiner, 1867, *Cerotainia* - 91  
*bellardii* (Bromley), 1919 (*Deromyia*), *Diogmites* - 69  
*bellardii* (Schiner), 1868 (*Eristicus*), *Eicherax* - 25  
*bellardii* Martin, 1965, *Promachus* - 45  
*bellingeri* Farr, 1865, *Mallophora* - 37  
*bellingeri* Martin & Papavero, 1970, *Mallophora*, error - 37  
*belzebul* Schiner, 1868, *Mallophora* - 39  
*bengryi* Farr, 1963, *Leptogaster* - 109  
*bequaerti* Bromley, 1934, *Atomosia* - 86  
*?bergii* Lynch Arribálzaga, 1880, *Mallophora* - 41  
*bevistylatus* (Wulp), 1882 (*Proctacanthus*), *Apotinocerus* - 32  
*beviventris* Kertész, 1909, *Aphamartania*, error - 63  
*bicincta* (Loew), 1866 (*Dizonias*), *Prolepsis* - 125  
*bicincta* Martin & Papavero, 1970, *Lampria*, error - 99  
*bicolor* (Bellardi), 1861 (*Erax*), *Albibarbefferia* - 15  
*bicolor* Bellardi, 1861, *Pseudorus* - 78  
*bicolor* (Bigot), 1875 (*Emphysomera*), *Ommatius* - 48  
*bicolor* (Engel), 1930 (*Macrocolus*), *Amorimius* - 58  
*bicolor* (Jaenicke), 1867 (*Saropogon*), *Diogmites* - 70

- bicolor (Macquart), 1848 (Gonypes), Leptogaster - 70  
 biezankoi (Carrera & Papavero), 1962 (Lastauropsis), Lastaurina  
 - 73  
*bifascia* Bromley, 1946, Proctacanthus, error - 54  
*bifasciatus* Carrera, 1949, Diogmites - 70  
*bigoti* Bellardi, 1861, Atomosia - 87  
*bigoti* (Bellardi), 1861 (Dasypogon), Diogmites - 70  
*bigotii* Lynch Arribálzaga, 1882, Mallophora - 37  
*bilineatus* (Loew), 1866 (Deromyia), Diogmites - 70  
*bilineatus* (Wulp), 1882 (Erax), Nerax - 19  
*bimaculata* (Bellardi), 1861 (Erax), Albibarbefferia - 15  
*bimaculata* Walker, 1855 (Laphria) - 102  
*bimaculatus* (Bromley), 1929 (Deromyia), Diogmites - 70  
*bipartitus* Scarbrough, 1985, Ommatius - 48  
*bitincta* Walker, 1860, Lampria - 99  
*Blacodes* Loew, 1874 - 63  
*blaisdelli* Wilcox, 1971, Stenopogon - 130  
*blantoni* Martin, 1961, Lissoteles - 135  
*Blax* Loew, 1872 - 63  
*Blepharepiini* Papavero, 1973 - 66  
*Blepharepium* Rondani, 1848 - 66  
*boharti* Bromley, 1951, Stenopogon - 130  
*Bohartia* Hull, 1958 - 119  
*bokermanni* Artigas, Papavero & Costa, 1997, Protometer - 107  
*bolivari* Ayala, 1983, Glaphropyga - 28  
*bolivari* Kaletta, 1986, Cerotainia - 91  
*bombimorpha* (Rondani), 1950 (Dasypogon), Lastaurus - 74  
*bomboides* (Wiedemann), 1821 (Asilus), Mallophora - 37  
*Bombomima* Enderlein, 1914 - 100  
*bonariensis* (Macquart), 1838 (Dasypogon), Blepharepium - 67  
*boraceae* Carrera, 1958, Lecania - 31  
*boraceana* Carrera, 1952, Senobasis - 80  
*borburatensis* Ayala, 1981, Pteralbis - 12  
*Boropis* Hull, 1962 - 126  
*borroi* Schumann, 1973, Lochmorhynchus, error - 32  
*borrori* Artigas, 1970, Lochmorhynchus - 32  
*brachyptera* (Philippi), 1865 (Asilus), Myaptex - 46  
*brasiliae* Martin, 1971, Leptopteromyia - 111  
*brasiliensis* Schiner, 1866, Apesthia - 85  
*brasiliensis* Schiner, 1867, Cerotainia - 91  
*brasiliensis* (Schiner), 1867 (Senoprosopis), Stenasilus - 13  
*brethesi* (Gemignani), 1936 (Tolmerolestes), Prolepsis - 124  
*brevicornis* (Macquart), 1838 (Laphria), Atomosia - 87  
*brevicornis* (Philippi), 1865 (Clavator), Alyssomyia - 119  
*brevis* Martin, 1975, Machimus - 9  
*brevis* Martin, 1968, Ospriocerus - 128  
*brevis* Martin, 1975, Polacantha - 11  
*brevistylata* (Williston), 1901 (Atonia), Atoniomyia - 89  
*breviusculus* Loew, 1872, Stenopogon - 130  
*?breviusculus* (Walker), 1855 (Trupanea), Amblyonychus - 34  
*breviventris* (Macquart), 1848 (Dasypogon), Aphemartania - 62  
*breviventris* Macquart, 1850, Mallophora - 39  
*?breviventris* (Rondani), 1848 (Gonypes), Systologaster - 112  
*bromleyana* Carrera, 1949, Senobasis - 80  
*bromleyanus* (Carrera & d'Andretta), 1950 (Asilus), Machimus  
 - 9  
*bromleyi* Carrera, 1949, Diogmites - 70  
*bromleyi* (Carrera & d'Andretta), 1950 (Dizonias), Prolepsis -  
 125  
*bromleyi* Curran, 1930, Mallophora - 39  
*bromleyi* (Curran), 1931 (Proctacanthus), Taurhynchus - 55  
*bromleyi* D. E. Hardy, 1943, Nicocles - 65  
*bruneri* Bromley, 1929, Mallophora - 41  
*brunnescens* (Bromley), 1929 (Erax), Nerax - 19  
*brunneus* (Fabricius), 1787 (Asilus), Diogmites - 70  
*bryanti* Wilcox, 1966, Saropogon - 60  
*Brychomyia* Hull, 1962 - 99  
*Buckellia* Curran, 1925 - 63  
*bulbosa* Artigas, 1970, Alyssomyia - 119  
*bullatus* (Bromley), 1934 (Holopogon), Haplopogon - 136  
*bullatus* (Bromley), 1929 (Asilus), Wilcoxius - 47  
*bullatus* Scarbrough, 2002, Ommatius - 48  
*bullatus* Wulp, 1882 (Holopogon) - 118  
*burmeisteri* Roeder, 1900, Trichioscelis - 106  
*busiris* Lynch Arribálzaga, 1881, Phonicocleptes - 75  
*Cacodaemon* Schiner, 1866 - 123  
*Cacodaemonides* Strand, 1927 - 123  
*caedens* (Wiedemann), 1828 (Dasypogon), Plesiomma - 126  
*Caenorolia* Thomson, 1869 - 68  
*Caenorolia* Williston, 1891, error - 68  
*caeruleiventris* Macquart, 1846 (Asilus) - 140  
*caeruleum* Scarbrough & Perez-Gelabert, 2006, Eumecosoma -  
 94  
*cajennense* (Fabricius), 1787 (Asilus), Blepharepium - 66  
*?calatina* (Walker), 1849 (Asilus), Lecania - 31  
*calcarata* Williston, 1901, Apesthia, error - 86  
*calceata* Schiner, 1867, Apesthia - 86  
*calceolata* (Bigot), 1878 (Lasioctenus), Systologaster - 112  
*calderense* Artigas, 1970, Rhadinosoma - 47  
*calida* (Fabricius), 1787 (Asilus), Mallophora - 38  
*caliente* (Wilcox), 1966 (Efferia), Carinefferia - 16  
*californicus* Wilcox, 1935, Ablautus - 114  
*calla* Pritchard, 1943, Cophura - 64  
*callida* Curran, 1934, Mallophora, error - 38  
*Callinicus* Loew, 1872 - 114  
*calogastra* (Philippi), 1865 (Laphria), Andrenosoma - 82  
*calopyga* (Schiner), 1868 (Cylindrophora), Theromyia - 65  
*calverti* Hine, 1917, Eumecosoma - 94  
*?caminarium* (Wiedemann), 1828 (Dasypogon), Plesiomma - 127  
*campestris* Curran, 1941, Mallophora - 37  
*camposi* Curran, 1931, Andrenosoma - 81  
*camposi* Curran, 1934, Cerotainia - 91  
*camposi* Curran, 1931, Psilocurus - 106  
*camposi* (Curran), 1934 (Proctacanthus), Taurhynchus - 55  
*camposianus* (Curran), 1931 (Erax), Nerax - 19  
*cana* (Hine), 1916 (Erax), Pogoniofferia - 22  
*canceriae* Martin, 1975, Machimus - 9  
*candens* (Walker), 1851 (Trupanea), Mallophora - 38  
*candida* Coquillett, 1893, Efferia - 18  
*candidus* (Macquart), 1846 (Dasypogon), Stichopogon - 135  
     *cannella* (Bromley), 1934 (Erax), Pogoniofferia - 22  
*canus* (Hine), 1919 (Erax), Pogonefferia - 22  
*capillatus* (Williston), 1901 (Asilus (Neoitamus)), Prolatiforceps  
 - 12  
*capnoptera* (Wiedemann), 1828 (Dasypogon), Archilestris - 120  
*capnopterus* Martin & Papavero, 1970, Archilestris, error - 120  
*capronae* Maryin, 1961, Lissoteles - 135  
*captans* (Walker), 1851 (Trupanea), Promachus - 45  
*caputitis* Scarbrough & Perez-Gelabert, 1995, Wilcoxius - 47  
*?caracasae* (Martin), 1975 (Pachychaeta), Lecania - 31  
*carbonaria* (Wiedemann), 1828 (Asilus), Threnia - 14  
*carbonarius* (Philippi), 1865 (Dasypogon), Saropogon - 60  
*Carebaricus* Artigas & Papavero, 1991 - 113  
*carinata* (Bellardi), 1861 (Erax), Carinefferia - 16  
*carinatus*-group of Hine, 1919, Erax - 16  
*carinatus* Wilcox, 1964, Metapogon - 117  
*Carinefferia* Artigas & Papavero, 1997 - 16  
*carmina* Kaletta, 1974, Eumecosoma - 94  
*carrascoi* (Artigas), 1974 (Scylaticus), Scylaticodes - 132  
*carrerai* Artigas & Papavero, 1988, Neodiogmites - 75  
*carrerai* Ayala, 1982, Glaphropyga - 28  
*carrerai* (Bromley), 1951 (Doryclius), Pseudorus - 79  
*carrerai* (Hull), 1958 (Catostola), Ctenodontina - 30

- carrerae Hull, 1958, Lycosimyia – 96  
*Carreraia* Cole & Pritchard, 1964 – 35  
*Carreraomyia* Cole, 1969 – 35  
*castaneipes* Bigot, 1878, Lamprozona – 96  
*castaneus* (Macquart), 1838 (Dasypogon), Diogmites - 70  
*castanipes* Bigot, 1879, Lamprozona, emend. – 96  
*castigans* (Walker), 1851 (Dasypogon), Caenarolia - 68  
*catastygnum* Papavero, 1971, Microsylum – 122  
*Catonomyia* Hull, 1962 – 93  
*Catostola* Hull, 1958 – 30  
*catulus* Osten Sacken, 1887, Stichopogon - 135  
*caudatus* Hine, 1941, Proctacanthus - 54  
*caudatus* Williston, 1901, Psilocurus – 106  
*caudex* (Walker), 1849 (Asilus), Nerax – 19  
*cayennensis* (Gmelin), 1792 (Asilus), Blepharepium, error - 66  
*caymanensis* Scarbrough, 1988, Efferia – 18  
*cazieri* (Curran), 1953 (Erax), Nerax – 19  
*?cellata* (Schiner), 1868 (Erax), Diplosynopsis – 17  
*Centrolaphria* Enderlein, 1914 – 93  
*cephicus* Say, 1829 (Dasypogon) – 140  
*cerasinus* Martin, 1975, Machimus – 9  
*Ceratotaenia* Lynch Arribázcaga, 1880, emend. – 91  
*Ceraturgus* Wiedemann of authors, misident. – 61  
*cerdai* Tomasovic, 2022, Porasilus – 23  
*Cerotaenia* Schiner, 1866 – 91  
*Cerotaeniops* Curran, 1930 – 83  
*Cerozodus* Bigot, 1857 – 30  
*cerverai* Bromley, 1929, Atomosia - 87  
*chalcoprocta* (Loew), 1866 (Sphageus), Prolepsis - 125  
*chalybea* Hermann, 1912, Pronomopsis – 77  
*chalybeiventris* (Loew), 1851 (Dasypogon (Saropogon)), Saropogon - 60  
*chalybeum* Williston, 1885, Andrenosoma - 81  
*chapadensis* (Bromley), 1928 (erax), Nerax – 19  
*chetsomela* Cresson Jr., 1926, Mallophora, error - 38  
*chilechicoensis* (Artigas), 1970 (Philonerax), Lochmorhynchus – 33  
*chilensis* (Brèthes), 1925 (Atomosia), Lamprozona – 96  
*chilensis* (Hermann), 1912 (Automolina), Lamprozona – 196  
*chilensis* Macquart, 1850 (Dasypogon) – 140  
*chilensis* (Macquart), 1850 (Dasypogon), Scylaticodes – 132  
*Chileus* Bromley, 1932 – 7  
*chiliensis* (Macquart), 1850 (Erax), Cratolestes – 17  
*chiloensis* (artigas), 1970 (Nesiotes), Neotes – 29  
*choapensis* (artigas), 1970 (Araiopogon), Saropogon - 60  
*chrysauges* (Osten Sacken), 1887 (Asilus), Wylia – 14, 1907 - 114  
*Chrysoceria* Williston  
*chrysomela* Bromley, 1925, Mallophora – 38  
*chrysops* Martin, 1957, Beameromyia – 108  
*chrysorhea* Hull, 1958, Helolaphyctis – 114  
*Chrysotriclis* Artigas, Papavero & Costa, 1997 – 103  
*ciénagaensis* (Hengst & Artigas), 2003 (Philonerax), Lochmorhynchus – 32  
*ciguaya* Scarbrough & Perez-Gelabert, 2006, Atomosia - 87  
*ciliata* Walker, 1851, Mallophora – 41  
*cilicrura* Rondani, 1850, Mallophora – 37  
*cilipes* Walker, 1857, Lampria - 99  
*cinctum* (Bellardi), 1851 (Laphria), Andrenosoma - 81  
*cinctus* Bellardi, 1861, Promachus – 45  
*cinerascens* (Bellardi), 1861 (Erax), Albibarbefferia – 15  
*cinerascens* Walker, 1855, Mallophora – 41  
*cinerescens* Papavero & Ibáñez Bernal, 2001 (Erax), Albibarbefferia, error - 15  
*cinereum* (Bellardi), 1861 (Laphria), Andrenosoma - 82  
*cinereum* Bigot, 1878 (Bathypogon) – 140  
*cinereus* (Philippi), 1865 (Erax), Lochmorhynchus – 33  
*cingulata* Artigas & Angulo, 1980, Mallophora – 38  
*cingulata* (Bellardi), 1861 (Erax), Albibarbefferia – 15  
*cingulipes* Wakker, 1849, Leptogaster - 109  
*cinnamomeus* Scarbrough, 1984, Ommatius - 48  
*cinthiae* Vieira, Castro & Bravo, 2004, Ommatius - 48  
*circumdata* Bellardi, 1861, Lampria - 99  
*circumflava* Artigas & Angulo, 1980, Mallophora – 38  
*claripennis* (Schiner), 1868 (Bathypogon), Creolestes – 121  
*claripennis* (Schiner), 1967 (Lochites), Senobasis - 80  
*clarkei* Hull, 1958, Zabrotica – 133  
*clausicella* (Carrera), 1960 (Atractia), Hybozelodes - 95  
*clausicella* (Macquart), 1850 (Laphria), Pilica - 84  
*clavata* (Macquart), 18387 (Asilus), Lecania – 31  
*Clavator* Philippi, 1865 – 132  
*clavigera* (Rondani), 1850 (Astylum), Senobasis - 80  
*clavigera* Rondani of Carrera, 1952, Senobasis, misident. - 80  
*clavigeroides* Papavero, 1975, Senobasis - 80  
*clavijoi* Kaletta, 1986, Cerotaenia - 91  
*clavipes* Curran, 1941, Mallophora – 38  
*clavipes* (Fabricius), 1805 (Laphria), Lampria - 99  
*clavipes* (Johnson), 1894 (Leptogaster), Apachekolos – 107  
*clavistylus* (Rondani), 1848 (Gonypes), Leptogaster - 109  
*clavitarsis* Curran, 1941, Mallophora – 38  
*Cleptomysia* Carrera, 1949 – 59  
*Cnodalomyia* Hull, 1962 – 7  
*coachellus* Wilcox, 1966, Ablautus - 114  
*coarctatum* (Perty), 1833 (Laphria), Blepharepium - 67  
*coarctatum* Perty of Snow, 1896; Aldrich, 1905; Martin, 1956, Blepharepium, misident. - 67  
*Cochleariocera* Artigas, Papavero & Costa, 1997 – 104  
*cockerellorum* (James), 1953 (Erax), Nerax – 19  
*coerulea* Williston, 1901, Laphria – 101  
*coeruleiventris* Thomson, 1869, Mallophora – 36  
*coffeatus* (Wiedemann), 1819 (Dasypogon), Diogmites - 70  
*colalao* Lamas M., 1973, Prolepsis - 124  
*coleus* Martins, 1975, Machimus – 9  
*colimae* Martin, 1968, Stenopogon - 130  
*colombiae* Macquart, 1838 (Asilus) – 140  
*colombiae* Martin, 1971, Leptopteromyia - 111  
*columbiae* Williston, 1891 (Asilus), error – 40  
*columbiana* (Enderlein), 1914 (Centrolaphria), Dissmeryngodes – 93  
*columbina* Schiner, 1868 (Laphystia) – 107  
*comata* (Bellardi), 1861 (Erax), Carinefferia – 16  
*comatus* (Hermann), 1912 (Atractia), Hybozelodes – 95  
*combustus* Loew, 1874, Saropogon – 60  
*combustus* Loew of Back, 1909, Saropogon, misident. - 60  
*commiles* (Walker), 1851 (Erax), Nerax – 20  
*complanatus* Scarbrough, 1993, Ommatius - 48  
*complicata* (James), 1953 (Pachychaeta), Lecania – 31  
*componens* Walker, 1860, Laphria – 100  
*composita* (Hine), 1918 (Asilus), Polacantha – 11  
*concepcionensis* (Bromley), 1932 (Asilus), Menexenus – 10  
*concinata* (Williston), 1901 (Erax), Carinefferia – 16  
*concinata* Williston, 1901, Leptogaster - 109  
*concolor* Walker, 1851 (Erax), Triorla – 24  
*conjungens* (Hermann), 1912 (Atractia), Hybozelodes - 95  
*connexus* (Wiedemann), 1828 (Asilus), Eichoichemus – 26  
*consanguineus* (Loew), 1866 (Stenopogon), Ospriocerus - 128  
*conspectus* Tomasovic, 2001, Pseudorus – 78  
*constrictus* Scarbrough, 2002, Ommatius - 48  
*contraria* Walker, 1851, Mallophora – 43  
*contusa* (Wiedemann), 1828 (Laphria), Pilica - 84  
*conus* Scarbrough, 2002, Ommatius - 48  
*copelloi* Gemignani, 1930, Mallophora – 41  
*Cophura* Osten Sacken, 1887 – 63  
*cophuroides* Carrera, 1949, Aspidopyga – 63

- coprates* Walker, 1848, *Proctacanthus* - 54  
*copulata* (Wiedemann), 1819 (*Asilus*), *Lecania* - 31  
*coquilletti* Back, 1909, *Saropogon* - 60  
*coquilletti* (Hine), 1919 (), *Pogoniofferia* - 22  
*coquilletti* Hine, 1911, *Proctacanthus* - 54  
*coquilletti* Wilcox, 1935, *Ablautus* - 114  
*coquimbensis* Artigas, 1970, *Dasycyrton* - 114  
*cora* Curran, 1941, *Mallophora* - 37  
*cora* Pritchard, 1943, *Cophura* - 64  
*corallium* Martin, 1966, *Andrenosoma* - 82  
*corallogaster* (Bigot), 1878 (*Laphria*), *Lampria* - 99  
*?coriacea* (Wiedemann), 1821 (*Dasypogon*), *Holcocephala* - 137  
*coronata* Schiner, 1867, *Attractia* - 90  
*corsairi* Bromley, 1951, *Senobasis* - 80  
*cortesi* Artigas & Angulo, 1980, *Mallophora* - 38  
*coscaronorum* Artigas, Papavero & Costa, 1997, *Gymnotriclis* - 104  
*costai* Artigas, Papavero & Serra, 1991, *Cyphomyiactia* - 93  
*costalis* Lynch Arribálzaga, 1880 (*Dasypogon*) - 140  
*costaricensis* Lamas M., 1973, *Prolepsis* - 124  
*costatus* Rondani, 1850, *Ommatius* - 49  
*costatus* (Schiner), 1868 (*Erax*), *Eicherax* - 25  
*coxalis* Curran, 1930, *Atomosia* - 87  
*crabroniformis* (Schiner), 1867 (*Cacodaemon*), *Prolepsis* - 124  
*crassitarsis* (Macquart), 1838 (*Dasypogon*), *Lastaurus* - 73  
*crassitarsis* (Macquart), 1846 (*Megapoda*), *Pseudorus* - 78  
*crassitarsus* (Bromley), 1946 (*Dasypogon*), *Lastaurus*, error - 73  
*crassum* Bromley, 1929, *Andrenosoma* - 82  
*crassus* (Bromley), 1932 (*Asilus*), *Lochyrus* - 8  
*Cratolestes* Hull, 1962 - 17  
*Cratopoda* Hull, 1962 - 8  
*craverii* (Bellardi), 1861 (*Dasypogon*), *Diogmites* - 70  
*craverii* Bellardi, 1861, *Mallophora* - 40  
*craverii* Bellardi, 1861, *Proctacanthus* - 54  
*crenus* Martin, 1975, *Wilcoxius* - 47  
*Creolestes* Hull, 1962 - 121  
*cressoni* (Hine), 1919 (*Erax*), *Carinefferia* - 16  
*cribatus* (Hengst & Artigas), 2003 (*Philonerax*), *Lochmotrhynchus*, error. - 33  
*cribratus* (Hull), 1962 (*Lonchodogonus*), *Lochmorhynchus* - 33  
*crinita* Martin, 1957, *Apachekolos* - 108  
*critesi* (Artigas), 1970 (*Hypenetes*), *Tillobroma* - 132  
*crocea* Williston, 1901, *Leptogaster* - 109  
*croceiventris* (Wiedemann), 1821 (*Laphria*), *Dasyllis* - 83  
*crocuscopa* Artigas & Angulo, 1980, *Mallophora* - 38  
*cruciger* Hermann, 1921 (*Scylaticus*) - 134  
*cruentum* (McAtee), 1919 (), *Andrenosoma* - 82  
*cruentus* (Lynch Arribálzaga), 1880 (*Proctacanthus*), *Taurhynchus* - 55  
*cruralis* Rondani, 1863, *Mallophora* - 40  
*Cryptomerynx* Enderlein, 1914 - 97  
*Ctenodontina* Enderlein, 1914 - 30  
*ctescicles* (Walker), 1851 (*Asilus*), *Lecania* - 31  
*cuantlensis* (Bellardi), 1861 (*Dasypogon*), *Diogmites* - 70  
*cubana* Artigas & Papavero, 1997, *Mallophora* - 38  
*cubanus* Scarbrough, 1985, *Ommatius* - 49  
*cubensis* (Bigot), 1857 (*Gonypes*), *Beameromyia* - 108  
*cubensis* (Bromley), 1929 (*Erax*), *Nerax* - 20  
*culiciformis* (Walker), 1855 (*Asilus*), *Eicherax* - 25  
*cunctabundum* Papavero & Bernardi, 1973, *Blepharepium* - 67  
*cuneigaster* (Artigas), 1970 (*Scylaticus*), *Scylaticodes* - 132  
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*Stictopogon* Wilcox, 1937, error - 135  
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*Stilopogon* Costa, 1883 – 135  
*stimicon* (Walker), 1851 (Erax), Triorla – 24  
*Stizolestes* Hull, 1962 – 13  
*stonei* Bromley, 1937, Stenopogon - 130  
*stramineus* Scarbrough, 1984, Ommatius - 52  
*strigarius* Curran, 1931, Regasilus – 29  
*strigitibia* Curran, 1931 (Dysmachus) – 57  
*striola* (Fabricius), 1805 (Dasypogon), Triorla – 24  
*Strobilopygius* Hull, 1956 – 123  
*Strombocodia* Hermann, 1912 – 97  
*stylata* (Fabricius), 1773 (Asilus), Efferia – 18  
*stylata* Pritchard, 1938, Holcocephala - 138  
*subappendiculatus* (Macquart), 1838 (Erax), Nerax – 21  
*subchalybeus* (Bromley), 1928 (Erax), Nerax – 21  
*subcontractum* (Walker), 1856 (Dasypogon), Blepharepium - 67  
*subheros* Bromley, 1931, Andrenosoma - 82  
*subialapensis*, Diogmites, error - 72  
*submaculus* Martin, 1975, Machimus – 10  
*substitulus* (Walker), 1851 (Trupanea), Amblyonychus – 35  
†*subtulus* Scarbrough & Poinar, 1992, Ommatius - 52  
*subviolacea* Rondani, 1850, Mallophora, error – 37  
*sucinopedis* Artigas, 1970, Dasycyrtus – 115  
*sundra* Pritchard, 1943, Cophura - 64  
*superbus* Carrera, 1953, Diogmites – 72  
*surrufus* Martin, 1968, Stenopogon - 130  
*surumu* Papavero & Bernardi, 1973, Blepharepium - 68  
*sylveirii* Macquart, 1838, Mallophora – 43  
*symmachus* Loew, 1872, Diogmites – 72  
*Systellogaster* Hermann, 1926 – 112  
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*tachirensis* Ayala, 1983, Glaphropyga – 28  
*taeniatus* (Bellardi), 1861 (Asilus, Philonicus), Philonicus – 11  
*tagax* (Williston), 1883 (Triclis), Zabrops – 107  
*taina* Scarbrough & Perez-Gelabert, 2006, Proctacanthella – 54  
*talabrensis* Artigas, 1964, Pronomopsis – 78  
*tanbarki* Wilcox, 1965, Cophura - 64  
*tandapiensis* Scarbrough, 2002, Ommatius – 52  
*tanpadiensis* Scarbrough, 2002, Ommatius, error - 52  
*Taperigna* Artigas & Papavero, 1991 – 125  
*taperignae* Artigas, Papavero & Pimentel, 1988, Smeryngolaphria – 98  
*Tapinostylus* Enderlein, 1914 – 28  
*Taracticus* Loew, 1872 – 61  
*tarsale* Curran, 1930, Eumecosoma – 94  
*tatius* Walker, 1851 (Asilus) – 142  
*tau* Oten Sacken, 1887, Diogmites – 72  
*tauauna* Artigas & Papavero, 1988, Neodiogmites - 75  
*Taurhynchus* Artigas & Papavero, 1995 – 55  
*tenebrosus* Carrera, 1949, Neodiogmites - 75  
*tenebrosus* (Coquillett), 1904 (Stenopogon), Ospriocerus - 129  
*tenebrosus* (Williston), 1901 (Asilus), Machimus – 10  
*tenebrosus* Williston of Williston, 1901, Machimus, misident. - 9  
*tener* (Bigot), 1878 (Holopogon), Lonquimayus – 117  
*tenuis* Curran, 1930, Atomosia - 89  
*tenuis* (Walker), 1851 (Dioctria), Cyrtophrys – 76  
*tenuis* (Wiedemann), 1828 (Asilus), Stenasilus – 13  
*tenuiventris* Macquart, 1866 (Asilus) – 142  
*tepu* Scarbrogh, 2008, Ommatius - 52  
*tequilae* Martin, 1968, Ospriocerus - 129  
*terebratus* (Macquart), 1850 (Dasypogon), Obelophorus - 126  
*teresita* Lamas M., 1972, Diogmites – 72  
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*tertialis* (Bromley), 132 (Hypenetes), Pritchardia - 123  
*tertiavitrea* Artigas & Angulo, 1980, Mallophora – 43  
*tessellata* (Wiedemann), 1828 (Dasypogon), Caenarolia - 68  
*testacea* Loew of Williston, 1901, Leptogaster, misident. - 110  
*testaceipes* Macquart, 1850, Mallophora – 36  
*testaceitarsis* Macquart, 1954, Mallophora – 36  
*testaceum* (Fabricius), 1805 (Dasypogon), Plesiomma - 128  
*testaceum* Macquart, 1838, Plesiomma – 127

- texana* (Bromley), 1919 (Erax), Efferia - 18  
*texanus* (Bromley), 1931 (Stenopogon), Scleropogon - 129  
*therevinus* Rondani, 1850 (Asilus) - 142  
*therimachus* (Walker), 1851 (Asilus), Threnia - 14  
*Theromyia* Williston, 1891 - 65  
*thologaster* Fisher, 1977, Zabrops - 107  
*thompsoni* Artigas & Angulo, 1980, Mallophora - 43  
*thoracica* Fabricius, 1805, Laphria - 101  
*Threnia* Schiner, 1866 - 14  
*tiarensis* (Kaletta), 1978 (Josmayala), Eumecosoma - 94  
*tiarensis* Ayala, 1983, Glaphyropyga - 28  
*tibialis* Curran, 1934, Senobasis - 80  
*tibialis* (Hengst & Artigas), 2003 (Philonerax), Lochmorhynchus, nom. nud. - 32  
*tibialis* Macquart, 1846, Atomosia - 89  
*tibialis* (Macquart), 1838 (Erax), Nerax - 21  
*tibialis* Macquart, 1838, Mallophora - 43  
*tibialis* Macquart, 1846, Mallophora - 40  
*tibialis* (Macquart), 1850 (Proctacanthus), Taurhynchus - 56  
*?tibialis* (Rondani), 1850 (Asilus), Eraxasilus - 26  
*tijucana* Carrera, 1958, Seabramyia - 139  
*Tillobroma* Hull, 1962 - 132  
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*timberlakei* Wilcox, 1949, Itolia - 117  
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*tisiphones* Schiner, 1866, Mallophora, error - 42  
*titan* (Bromley), 1934 (Erax), Nerax - 22  
*titan* (Carrera), 1959 (Promachina), Amblyonychus - 35  
*titanus* Carrera, 1958, Leptogaster - 110  
*Tocantinia* Carrera, 1955 - 62  
*toconoensis* Artigas, 1970, Zoticus - 30  
*tolandi* Wilcox, 1959, Cophura - 64  
*tolandi* Wilcox, 1961, Hodophylax - 65  
*tolandi* Wilcox, 1965, Proctacanthella - 54  
*Tolmerolestes* Lynch Arribálzaga, 1881 - 123  
*tolmides* (Walker), 1849 (Laphria), Lampria - 100  
*tolteca* Curran, 1941, Mallophora - 40  
*tornowii* Brèthes, Leptogaster - 110  
*tortola* (Curran), 1928 (Erax), Nerax - 22  
*Townsendia* Williston, 1895 - 135  
*tractus* Scarbrough, 2006, Ommatius - 52  
*transatlantica* Schiner, 1868 (Laphria) - 103  
*transiens* (Walker), 1949 (Dasypogon), Lastaurus - 74  
*trapezoidalis* (Bellardi), 1861 (Promachus), Amblyonychus - 35  
*travassosi* (Carrera), 1949 (Lastauronia), Lastaurina - 73  
*tregualemuensis* Artigas, Lewis & Parra, 2005, Tillobroma - 133  
*triangularis* Artigas & Papavero, 1991, Nothopogon - 118  
*triangularis* (Hermann), 1912 (Othoniomyia), Oidardis - 97  
*triangularis* Scarbrough, 2002, Ommatius - 52  
*triangulata* Martin, 1968, Leptogaster, error - 110  
*triangulata* Martin, 1966, Townsendia - 136  
*tricella* (Bromley), 1951 (Erax), Efferia - 18  
*?trichina* Tomasovic, 2002, Triorla - 24  
*tricellus* Wilcox, 1964, Metapogon - 117  
*trichonotus* (Wiedemann), 1828 (Asilus), Amblyonychus - 35  
*trichostica* Williston, 1901, Mallophora - 38  
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*tricolor* (Bellardi), 1861 (Erax), Albibarbefferia - 15  
*tricolor* (Bellardi), 1861 (Dasypogon), Diogmites - 72  
*tricolor* Carrera & Machado-Allison, 1968, Lastaurus - 74  
*tricolor* (Philippi), 1865 (Dasypogon), Scylaticodes - 132  
*tricolor* (Schiner), 1868 (Triclis), Hexameritia - 105  
*tricolor* (Walker), 1850 (Mallophora), Eccritosia - 53  
*tridens* Martin, 1975, Polacantha - 11  
*trifarius* Loew, 1866, Ablautus - 114  
*trifasciatus* (Say), 1823 (Dasypogon), Stichopogon - 135  
*Trigomiminae* Lehr, 1988 - 136  
*Trigonomiminae* Papavero, 1973 - 136  
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*Trigonomimini* Enderlein, 1914 - 136  
*triligata* Walker, 1861 (Laphria) - 103  
*Triorla* Parks, 1968 - 23  
*tripartita* (Walker), 1854 (Dasypogon), Cleptomysia - 59  
*tristis* (Walker), 1851 (Dasypogon), Prolepsis - 125  
*tristis* Wiedemann, 1828 (Asilus) - 142  
*triton* (Osten Sacken), 1887 (Erax), Pogoniefferia - 22  
*triungulata* Williston, 1901, Leptogaster - 110  
*tropica* Curran, 1934, Leptogaster - 110  
*tropidus* Scarbrough, 2002, Ommatius - 52  
*truncatus* Martin, 1975, Machimus - 9  
*truncus* Martin, 1975, Wilcoxius - 47  
*Trupanea* Macquart, 1838 - 45  
*truquii* Bellardi, 1861, Leptogaster - 109  
*truquii* (Bellardi), 1861 (Asilus, Mochterus), Philonicus - 11  
*truquii* Bellardi, 1861, Promachus - 45  
*truquii* (Bellardi), 1861 (Dasypogon), Stenopogon - 130  
*truquii* Bellardi of Williston, 1901, Stenopogon, misident. - 131  
*trux* McAtee, 1919, Laphria - 101  
*tsacasi* Artigas & Angulo, 1980, Mallophora - 43  
*tsacasi* Papavero, 1971, Aczelia - 58  
*Tsacasia* Artigas & Papavero, 1995 - 29  
*tucma* Lynch Arribálzaga, 1880, Dicanus - 122  
*tuberculata* (Coquillett), 1904 (Erax), Efferia - 18  
*tucumana* Artigas & Papavero, 1991, Scylaticina - 132  
*tucumanensis* Scarbrough, 2002, Ommatius - 52  
*tumbrensis* (Artigas), 1980 (Eremomyia), Lochmorhynchus - 33  
*tumidus* Scarbrough & Perez-Gelabert, 1995, Wilcoxius - 47  
*tuxpanganus* (Bellardi), 1862 (Asilus), Philonicus - 11  
  
*umbrina* Artigas & Angulo, 1980, Mallophora, nom. nud. - 38  
*uncatus* Scarbrough, 1993, Ommatius - 52  
*unguiculatus* Scarbrough, 2002, Ommatius - 52  
*unicolor* (Bellardi), 1861 (Erax), Carinefferia - 16  
*unicolor* Hermann, 1912, Cerotainia - 92  
*unicolor* Macquart, 1838, Atomosia - 89  
*uruguayensis* Lynch Arribálzaga, 1882, Holcocephala - 138  
  
*valdivianus* (Philippi), 1865 (Asilus), Stizolestes - 13  
*valentinei* (Artigas), 1970 (Hypenetes), Tillobroma - 133  
*valllestris* Ayala, 1982, Holcocephala - 138  
*vanduzeei* Cole, 12923, Lissoteles - 135  
*vandykei* Wilcox & Martin, 1936, Cyrtopogon - 114  
*varipennis* (Walker), 1855 (Ampyx), Pseudorus - 78  
*varipes* (Banks), 1920 (Laphria), Andrenosoma - 83  
*varipes* (Schiner), 1867 (Senoprosopis), Stenasilus - 13  
*vauriei* (Curran), 1933 (Erax), Nerax - 22  
*vegeta* Lynch Arribálzaga, 1882, Mallophora - 41  
*velox* (Wiedemann), 1828 (Asilus), Nerax - 22  
*velutinus* (Carrera & Papavero), 1962 (Oberon), Saropogon - 61  
*venezuelanus* Kaletta, 1976, Stichopogon - 135  
*venezuelensis* Carrera & Machado-Allison, 1963, Glaphyropyga - 28  
*venezuelensis* Macquart, 1846 (Laphria) - 103  
*ventralis* Coquillett, 1898, Ospricerus - 128  
*ventralis* Macquart, 1838, Mallophora - 36  
*ventralis* Martin, 1975, Machimus - 10  
*venustula* Lynch Arribálzaga, 1880, Atomosia - 89  
*venustus* (Bromley), 1929 (Leptogaster), Psilonyx - 111  
*venustus* Carrera & d'Andretta, 1950, Promachus - 45  
*venustus* (Philippi), 1865 (Dasypogon), Euthrixius - 131  
*veredus* Artigas, 1970, Menexenus - 10  
*vertebrata* (Bromley), 1940 (Erax), Albibarbefferia - 16

- vetusta* (Walker), 1837 (Asilus), Eccritosia – 53  
*vexillaria* (Artigas), 1970 (Myapex), Myaptexaria – 46  
*?vicina* (Macquart), 1838 (Dioctria), Holcocephala - 139  
*viduata* (Wiedemann), 1819 (Laphria), Atoniomyia - 90  
*villosus* (Bellardi), 1861 (Erax), Triorla – 23  
*villosus* (Carrera), 1949 (Lastauropsis), Lastaurus - 74  
*villosus* Scarbrough, 1985, Ommatius - 52  
*violacea* Macquart, 1846 (Laphria) – 103  
*violaceithorax* (Lynch Arribálzaga), 1880 (Ceratotaenia),  
 Cerotainia - 93  
*violaceus* Williston, 1901, Holopogon – 116  
*virescens* (Bellardi), 1861 (Dasypogon), Diogmites - 72  
*virginensis* Scarbrough, 1977, Beameromyia – 108  
*virginianus* (Wulp), 1882 (Proctacanthus), Pogoniefferia - 22  
*virilis* (Artigas), 1970 (Myaptex), Myaptexaria – 46  
*virilis* (Wiedemann), 1828 (Erax), Lecania – 32  
*vitreus* Bigot, 1875, Ommatius - 52  
*vitripennis* (Bellardi), 1861 (Ceraturgus), Taracticus - 62  
*vitripennis* Schiner, 1867, Leptogaster - 110  
*vittata* (Walker), 1837 (Xylophagus), Holcocephala - 139  
*vittatus* (Lynch Arribálzaga), 1880 (Proctacanthus), Taurhynchus  
 - 56  
*vittatus* (Olivier), 1789 (Asilus), Proctacanthus - 55  
*vittata* (Wiedemann), 1828 (Dasypogon), Caenarolia - 69  
*vivax* (Hermann), 1912 (Atractia), Aphractia – 86  
*vivus* Scarbrough, 1997, Ommatius – 53  
*volubilis* Scarbrough & Perez-Gelabert, 2005, Apachekolos - 108  
*Volutarius* Kaletta, 1978 – 96  
*vorax* Curran, 1942, Blepharepium - 67  
*vorax* Curran, 1934, Leptogaster - 110  
*vorax* Curran, 1941, Mallophora – 37  
*vulgaris* Carrerag, 1947, Diogmites – 72  
*vultus* Scarbrough & Perez-Gelabert, 2005, Apachekolos - 108  
  
*wagneri* Artigas & Papavero, 1995, Tsacasia – 29  
*wenzeli* Papavero & Bernardi, 1974, Archilestris - 120  
*westcotti* Martin, 1968, Acronyches - 113  
*weyenberghi* (Wulp), 1882 (Deromyia), Caenarolia - 69  
*weyrauchi* Carrera, 1952, Senobasis - 81  
*wiedemanni* (Schiner), 1868 (Promachus), Amblyonychus – 35  
*wilcoxi* Bromley, 1937, Stenopogon - 131  
*wilcoxi* Kaletta, 1983, Cophura – 64  
*wilcoxi* Papavero, 1971, Saropogon – 61  
*wilcoxi* (Pritchard), 1935 (Buckellia), Cophura - 64  
*wilcoxi* Pritchard, 1942, Cerotainiops – 83  
*Wilcoxia* James, 1941 – 118  
*Wilcoxius* Martin, 1975 – 47  
*wilhelmi* Artigas & Angulo, 1980, Mallophora – 44  
*williamsi* Wilcox, 1971, Stenopogon - 131  
*willinkinorum* Artigas, Papavero & Costa, 1997, Chrysotriclis –  
 104  
*willistoni* (Bromley), 1928 (Erax), Eichoichemus – 28  
*willistoni* (Cole), 1964 (Mallophora), Megaphorus - 44  
  
*willistoni* Curran, 1930, Cerotainia - 93  
*willistoni* Curran, 1928, Ommatius - 53  
*willistoni* Hermann, 1921, Acronyches – 113  
*willistoni* Hermann, 1926, Leptopteromyia, nom. nud. - 111  
*willistoni* (Hine), 1919 (Erax), Carinefferia – 17  
*willistoni* Martin, 1962, Heteropogon – 116  
*willistoni* Pritchard, 1943, Cophura - 64  
*willistoniana* Enderlein, 1914, Laphria – 101  
*winthemi* (Wiedemann), 1821 (Dasypogon), Diogmites - 73  
*wirthi* Artigas, 1970, Cratolestes – 17  
*wirthi* Paramonov, 1964, Eccritosia – 54  
*Wygodasilus* Artigas & Papavero, 1995 – 27  
*wygodzinskiyi* Carrera, 1949, Diogmites - 73  
*Wyliea* Martin, 1975 – 14  
  
*xanthocera* (Williston), 1901 (Asilus (Heligmoneura)), Polacantha  
 – 11  
*xanthocnemum* (Wiedemann), 1828 (Laphria), Andrenosoma - 83  
*xanthopogon* (Burmeister), 1861 (Asilus (Proctacanthus)),  
 Eccritosia – 53  
*xanthoptera* (Wiedemann), 1828 (Laphria), Cerotainia - 93  
*xanthopterus* (Wiedemann), 1828 (Asilus), Taurhynchus - 56  
*xanthopus* (Wiedemann), 1828 (Laphria), Atomosia - 89  
*Xenomyzini* G. G. Hardy, 1948 – 133  
*xochimilcae* Martin, 1968, Stenopogon - 131  
*xylocopides* Walker, 1855; Schiner, 1866; Williston, 1891,  
 Mallophora, error – 36  
*xylocopiides* Walker, 1851, Mallophora – 36  
*xygota* (Curran), 1942 (Panamasilus), Smeryngolaphria – 98  
  
*yepezi* (Carrera & Machado-Allison), 1962 (Promachina),  
 Amblyonychus – 35  
*youngi* Martin, 1968, Ospriocerus - 129  
*yuma* (Wilcox), 1966 (Efferia), Pogonioefferia - 22  
*yurabia* Scarbrough & Perez-Gelabert, 2006, Atomosia – 89  
  
*Zabrops* Hull, 1958 – 107  
*Zabrotica* Hull, 1958 – 133  
*zamon* (Townsend), 1895 (Proctacanthus), Eccritosia – 54  
*zandra* Pritchard, 1943, Cophura - 65  
*zanutoi* Artigas, Papavero & Pimentel, 1988, Pilica – 85  
*zebra* Martin, 1968, Stenopogon - 131  
*zephyreus* Aldrich, 1923, Eurhabdus – 109  
*zephyrus* Scarbrough & Page, 2005, Psilonyx - 111  
*zetterstedti* (Jaenicke), 1865 (Erax), Triorla – 24  
*zikani* Carrera, 1951, Ichneumolaphria – 99  
*zita* Curran, 1941, Mallophora – 44  
*zonatus* Cole & Wilcox, 1938, Lasiopogon - 134  
*zonae* Martin, 1975, Schildia – 112  
*Zoticus* Artigas, 1970 – 30  
*zottai* Gemignani, 1930, Mallophora – 39