

# Catalogue of the Neotropical Hepialidae (Lepidoptera)

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## Introduction

Mielke & Grehan (2012) published the catalogue of the Hepialidae from the Latin America. The present version, not considered as published, is an update and subsequent version namely by its date and version.

The main purpose of the present list is to provide an updated information for consulting.

## Systematic part

Abbreviations (collections housing primary types are mentioned by the following abbreviation):

INBIO	Instituto Nacional de Biodiversidad, Santo Domingo de Heredia, Costa Rica.
NHMUK	The Natural History Museum, London, England (visited by CGCM).
MACN	Museo Argentino de Ciencias Naturales Bernardino Rivadavia, Buenos Aires, Argentina.
MNHC	Museo Nacional de Historia Natural, Santiago, Chile.
MNHN	Museum National d'Historie Naturelle, Paris, France (visited by CGCM).
MUSM	Museo de Historia Natural UNMSN, Lima, Peru.
NHMMW	Naturhistorisches Museum, Vienna, Austria (visited by CGCM).
SMFL	Senckenberg-Museum, Lepidoptera collection, Frankfurt am Main, Germany (visited by CGCM).
SMFT	Type catalogue number of Senckenberg-Museum, Lepidoptera collection, Frankfurt am Main, Germany.
NRSS	Naturhistoriska Riksmuseet, Stockholm, Sweden.
RMNH	Naturalis, formerly Rijksmuseum van Natuurlijke Historie, Leiden, Holland.
USNM	United States National Museum of Natural History, Washington DC, USA (visited by CGCM).
UVG	Universidad del Valle de Guatemala, Guatemala.
ZIRAS	Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia.
ZMHB	Museum für Naturkunde der Humboldt-Universität, Berlin, Germany (visited by CGCM).
ZSBS	Zoologische Sammlungen des bayerischen Staates, Munich, Germany (visited by CGCM).
ZMUC	Zoological Museum, Copenhagen, Denmark.

Further abbreviations:

◊ Indicating the same author[s] as the one[s] just before (name[s] not repeated).

gen. Genitalia figure.

GP Genitalia preparation/dissection/slide number.

## *Aepytus* Herrich-Schäffer, [1856]

**Type-species:** *Epialus* [sic] *exclamans* Herrich-Schäffer, [1854], by subsequent designation by Kirby (1892: 887).

*Aepytus* Herrich-Schäffer ([1856]: 5); included species: *exclamans* Herrich-Schäffer, [1854], *costalis* Herrich-Schäffer, [1854], *nanus* Herrich-Schäffer, [1854], *catocalus* Herrich-Schäffer, [1854].

Herrich-Schäffer ([1858]: 56); syn.: *Dalaca* Walker, 1856 — Neave (1939: 75). — Viette (1950a: 73); ◊ (1951b: 116); ◊ (1951d: 74). — Paclt (1953: 143); syn.: *Alloaepytus* Viette, 1951, *Hampsoniella* Viette, 1949, *Hepialyxodes* Viette, 1951, *Parana* Viette, 1949, *Philoenia* Kirby, 1892, *Pseudodalaca* Viette, 1949, *Pseudophilaenia* Viette, 1950, *Yleuxas* Viette, 1951; ◊ (1957: 51); syn.: *Gymelloxos* Viette, 1952, *Pfitzneriana* Viette, 1952, *Aplatissa* Viette, 1953. — Nielsen & Robinson (1983: 19). — Winder & Harley (1983: 355). — Robinson & Nielsen (1984: 17). — Grehan (1989: 805). — Nye & Fletcher (1991: 8). — Hilje et al. (1992b: 152-154; fig. 54 [larva]). — Hilje et al. (1992a: 152). — Kristensen (1998: 62). — Nair (2001: 21). — Grehan & Rawlins (2003: 734); as synonym 133 of *Cibyra* Walker, 1856. — Macías et al. (2005: 100). — Arguedas (2004: 6; fig. 7a, b [larva]); ◊ (2006: 7); ◊ (2007: 9, 28, 57). — Mielke & Grehan (2012: 132). — Grehan (2012: 13). — Mielke & Grehan (2015: 66).

*Aepytus* (*Aepytus*): Viette (1950a: 74). — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Aepytus*) Walker, 1856: Nielsen et al. (2000: 842). — Simonsen (2002: 65). — Grehan (2010: 49).

## *Aepytus biedermanni* (Viette, 1950)

*Schaefferiana biedermanni* Viette (1950c: 60; fig. 10 (valva)): [holo-]type ♂, Brazil meridional, Sud de l'Etat de Minas Geraes [*recte* Gerais], [Catas Altas], Caraça, 2<sup>o</sup> semestre 1884, P. Germain [leg.]; coll. R. Biedermann, ex coll. C. Oberthür; GP Viette 1365; MNHN.

*Aepytus biedermanni*: Viette (1951c: 96). — Mielke & Grehan (2012: 133). — Mielke & Grehan (2015: 69; figs. 6 (holotype ♂ dorsal), 32 (♂ genitalia), 42 (geographical distribution)).

*Aepytus (Aepytus) biedermanni*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepytus) biedermanni*: Nielsen et al. (2000: 842).

### *Aepytus cataguas* C. Mielke & Grehan, 2015

Mielke & Grehan (2015: 71; figs. 7a-b (holotype ♂ dorsal/ventral), 26 (holotype ♂ abdominal segment), 33 (holotype ♂ genitalia), 39 (holotype phallus), 42 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Aepytus cataguas* C. Mielke & Grehan det. 2015/ BRASIL – MG [Minas Gerais], Conceição dos Ouros, 800 m, 20.X.2009, G. Almeida leg./ 23.119 CGCM/ DZ 25.714/ BC-CGCM [BC JX215569; 658 bp]; DZUP.

### *Aepytus exclamans* (Herrich-Schäffer, [1854])

*Epialus [sic] exclamans* Herrich-Schäffer ([1854] (Boisduval, *in litt.*): cover; pl. [31], fig. 145 ([♂ dorsal])); Brazil; [ex coll. Boisduval]; [GP P. Viette no. 2326]; [MNHN]; ♀ ([1858]: 79).

*Dalaca exclamans*: Walker ([v.] 1856: 1561). — Gerstaecker (1857: 425). — Wagner & Pfitzner (1911: 13). — Pfitzner (1937: 1293; pl. 185a ([♂ dorsal])).

*Aepytus exclamans*: Herrich-Schäffer ([ix. 1856]: 5); ♀ ([1858]: 56). — Kirby (1892: 887). — Viette (1951c: 95). — Mielke & Grehan (2012: 133). — Mielke & Grehan (2015: 67; figs. 1-3 (♂ dorsal/ventral), 4-5 (♀ dorsal), 25 (♂ abdominal segment), 30 (♂ genitalia), 31 (♀ genitalia), 38 (phallus), 42 (geographical distribution)).

*Aepytus (Aepytus) exclamans*: Viette (1950a: 75; fig. 1 (♂ gen. [error, *Cibyra dormita* Schaus, 1901])). — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepytus) exclamans*: Nielsen et al. (2000: 842).

### *Aepytus guarani* (Pfitzner, 1914)

*Dalaca guarani* Pfitzner (1914: 105): Southern Brazil, St. Katharina (*recte* Santa Catarina); coll. Pfitzner; [SMFL]; ♀ (1937: 1296; pl. 100b ([♀ dorsal])). — Viette (1952a: 144; fig. 2 (♀ gen.)). — Schröder (1967: 339; "holotype" [*recte* lectotype] [♀], SMFT 90). — Zikán & Zikán (1968: 103). — Nielsen & Robinson (1983: 20, 44). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844).

= *Schaefferiana jeanneli* Viette (1950c: 59; fig. 8 (♂ gen.)): [holo-]type ♂, Brazil, Parana, Curitiba [*recte* Curitiba], IX. 1911, P. Lombard [leg.]; GP P. Viette 951; MNHN.

*Aepytus jeanneli*: Viette (1951c: 96); ♀ (1951e: 1275). — Mielke & Grehan (2012: 133); as synonym of *Aepytus guarani* (Pfitzner, 1914). — Mielke & Grehan (2015: 72); as synonym of *Aepytus guarani* (Pfitzner, 1914).

*Aepytus (Aepytus) jeanneli*: Nielsen & Robinson (1983: 19, 44). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepytus) jeanneli*: Nielsen et al. (2000: 842). — Simonsen (2002: 65).

*Dalaca (Aepytus) gaurani [sic]*: Grehan (2010: 51; fig. a, appendix).

*Aepytus guarani*: Mielke & Grehan (2012: 133); syn: *Aepytus jeanneli* (Viette, 1951). — Mielke & Grehan (2015: 72; figs. 8-17 (♂ dorsal/ventral), 18-20 (♀ dorsal), 27 (♂ abdominal segment), 28 (♀ abdominal segment), 34a-b (♂ genitalia), 35-36 (♀ genitalia), 40 (phallus), 42 (geographical distribution)); syn.: *Aepytus jeanneli* (Viette, 1950). — Grehan (2012: 4, 5, 24; figs. (valva, intermediate plate, venation)). — Favretto (2016: 72).

*Aepytus gaurani [sic]*: — Grehan (2012: 26; fig. (sternum II)).

### *Aepytus tupi* C. Mielke & Grehan, 2015

Mielke & Grehan (2015: 75; figs. 21a-b (holotype ♂ dorsal/ventral), 22-24 (♂ dorsal), 29 (holotype ♂ abdominal segment VIII), 37 (holotype ♂ genitalia), 41 (holotype phallus), 42 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Aepytus tupi* C. Mielke & Grehan det. 2015/ BRASIL – SC, Rio Natal, 500 m, São Bento do Sul, XII.2004, A. Rank leg./ 17.959 CGCM/ DZ 25.715/ BC-CGCM [BC JX215564; 608 bp]; DZUP. — Favretto (2016: 72).

### *Alloaepytus* Viette, 1951

**Type-species:** *Dalaca tesselloides* Schaus, 1901 by original designation.

*Aepytus (Alloaepytus)* Viette (1951a: 2); included species: *tesselloides* (Schaus, 1901), *coscinophora* (Pfitzner, 1914).

Edwards & Hopwood (1966: 9). — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Alloaepytus*: Viette (1956: 378). — Nye & Fletcher (1991: 12). — Mielke & Grehan (2012: 133). — Grehan (2012: 13).

*Cibyra (Alloaepytus)*: Nielsen et al. (2000: 842). — Grehan (2010: 49).

### *Alloaepytus tesselloides* (Schaus, 1901)

*Dalaca tesselloides* Schaus (1901: 76): [♀], Paraguay; [GP Viette no. 91519, type no. USNM 18610]; USNM. — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1296). — Zukowski (1954: 93); syn.: *C. stigmatica* (Pfitzner, 1937).

= *Dalaca coscinophora* Pfitzner (1914: 105): [Brazil], Matto-Grosso [*recte* Mato Grosso do Sul], Nivac [*recte* Nioaque]; coll. Pfitzner; [SMFL]; ♂ (1937: 1294; pl. 100b ([♂] dorsal)). — Schröder (1967: 339): lectotype ♂, SMFT 83.

*Aepytus (Alloaepytus) coscinophora*: Viette (1951a: 4). — Nielsen & Robinson (1983: 19); as synonym of *Aepytus (Alloaepytus) tesselloides* (Schaus, 1901). — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Alloaepytus) tesselloides* (Schaus, 1901).

*Aepytus (Alloaepytus) tesselloides*: Viette (1951a: 4; fig. 2 (♂ gen.)). — Nielsen & Robinson (1983: 19); syn.: *Aepytus (Alloaepytus) coscinophora* (Pfitzner, 1914). — Robinson & Nielsen (1984: 17); syn.: *Aepytus (Alloaepytus) coscinophora* (Pfitzner, 1914).

*Alloaepytus coscinophora*: Viette (1956: 378). — Mielke & Grehan (2012: 133); as synonym of *Alloaepytus tesselloides* (Schaus, 1901).

*Alloaepytus tesselloides*: Viette (1956: 379). — Mielke & Grehan (2012: 133); syn.: *Alloaepytus coscinophora* (Pfitzner, 1914). — Grehan (2012: 6, 7, 23, 26; figs. (male genitalia, antennae, venation, sternum II)).

*Cibyra (Alloaepytus) coscinophora*: Nielsen et al. (2000: 842); as synonym of *Cibyra (Alloaepytus) tesselloides* (Schaus, 1901).

*Cibyra (Alloaepytus) tesselloides*: Nielsen et al. (2000: 842); syn.: *Cibyra (Alloaepytus) coscinophora* (Pfitzner, 1914). — Grehan (2010: 51; fig. b, appendix).

### *Andeabatis* Nielsen & Robinson, 1983

**Type-species:** *Xyleutes chilensis* Ureta, 1951, by original designation; monotypic.

Nielsen & Robinson (1983: 108). — Robinson & Nielsen (1984: 16). — Nye & Fletcher (1991: 19). — Edwards et al. (1996: 34). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan (2010: 49). — Mielke & Grehan (2012: 133).

#### *Andeabatis chilensis* (Ureta, 1951)

*Xyleutes chilensis* Ureta (1951: 75; 2 figs. (♀ [*recte* ♂] dorsal, ventral)); holotype ♀ [*recte* ♂], Chile, [Malleco], Curacautín, Termas de Río Blanco, II. 1946 (*recte* 1944; see Nielsen & Robinson 1983: 110)), A. Wagenknecht leg.; MNHC. — Camousseight (1980: 31).

*Phassus chilensis*: Ureta (1956: 282). — Mallet (1984: 77).

*Andeabatis chilensis*: Nielsen & Robinson (1983: 110; figs. 71 (prelabium, labial palpus), 72 (venation), 73 (forewing scale), 212 (♂ dorsal), 252 (♂ antennae flagellum), 277 (♂ foretibia), 333 (♂ gen.), 363 (♀ gen.), 415 (flight period), 431 (distribution)); type no. 705. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Pastrana (2004: 5). — Mielke & Grehan (2012: 133). — Grehan (2012: 9, 11, 21, 27; figs. (sternum II, pseudotegumen, venation)). — Grehan & Rawlins (2016: 56; fig. 12 (wing ornamentation)).

### *Aplatissa* Viette, 1953

**Type-species:** *Aplatissa strangoides* Viette, 1953, by original designation; monotypic.

Viette (1953b: 81) — Paclt (1957: 51); as synonym of *Aepytus* Herrich-Schäffer, [1858]. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 26). — Nielsen et al. (2000: 841). — Grehan (2010: 49). — Mielke & Grehan (2012: 133).

#### *Aplatissa michaelis* (Pfitzner, 1914)

*Dalaca michaelis* Pfitzner (1914: 105): a pair, Peru, [Junín], Chanchamayo, 1000 m; single specimen, high Amazonas, Otto Michael leg.; coll. Pfitzner; [SMFL]. — Schröder (1967: 340): lectotype ♂ [♀?], SMFT 87.

*Dalaca michaeli* [sic]: Pfitzner (1937: 1294; pl. 99 d ([♂, ♀] dorsal)). — Zukowski (1954: 93).

*Aplatissa michaelis*: Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 134).

#### *Aplatissa strangoides* Viette, 1953

*Aplatissa strangoides* Viette (1953b: 81; fig. 1 (♂ gen.)): holotype ♂, Brazil, [Amazonas], Fonte Boa, VI. 1906, S. M. Klages leg.; GP P. Viette no. 2414; NHMUK. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 134).

### *Blanchardinella* Nielsen, Robinson & Wagner, 2000

**Type-species:** *Hepialus venosus* Blanchard, 1852, by original designation by Viette (1950e: 145).

*Blanchardina* Viette (1950e: 145), monotypic; **praecoc.**: *Blanchardina* Labbé, 1899 [Protozoa]. — Paclt (1953: 145); as synonym of *Dalaca* Walker, 1856. — Edwards & Hopwood (1966: 37). — Nielsen & Robinson (1983: 17, 88). — Robinson & Nielsen (1984: 16). — Nye & Fletcher (1991: 45). — Nielsen et al. (2000: 840).

*Blanchardinella* Nielsen et al. (2000: 823, 840); replacement name for *Blanchardina* Viette, 1950. — Simonsen (2002: 65). — Grehan (2010: 49). — Mielke & Grehan (2012: 134).

#### *Blanchardinella venosus* (Blanchard, 1852)

*Hepialus venosus* Blanchard (1852: 70; pl. 4, fig. 6 ([♂ dorsal])); Chile, Coquimbo; [MNHN]. — Walker (1856: 1557).

*Dalaca venosa* [sic]: Butler (1882: 25); syn.: *Dalaca nigricornis* Walker, 1856. — Aurivillius (1884: 524); syn.: *Dalaca nigricornis* Walker, 1856. — Kirby (1892: 886); syn.: *Dalaca nigricornis* Walker, 1856. — Wagner & Pfitzner (1911: 14); syn.: *Dalaca nigricornis* Walker, 1856. — Pfitzner

(1937: 1295); syn.: *Dalaca nigricornis* Walker, 1856. — Paclt (1949: 149); syn.: *Dalaca parviguttata* (Bryk, 1944); ♂ (1953: 146); syn.: *Dalaca parviguttata* (Bryk).

*Blanchardina venosus*: Viette (1950e: 145; fig. 4 ([syn-]type ♂ gen., GP Viette no. 939)). — Nielsen & Robinson (1983: 17, 90; figs. 54 (prelabium and labial palpus), 55 (venation), 187–188 (♂ dorsal), 189–191 (♀ dorsal), 244 (♂ antennae flagellum), 268 (♂ foretibia), 269 (♀ foretibia), 323–324 (♂ gen.), 355a, b (♀ gen.), 380 (bursa copulatrix), 407 (flight period), 428 (distribution)). — Robinson & Nielsen (1984: 16).

*Blanchardinella venosus*: Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan (2010: 60; fig. M, appendix). — Mielke & Grehan (2012: 134). — Grehan (2012: 22, 28; fig. (venation, sternum II)).

### *Calada* Nielsen & Robinson, 1983

**Type-species:** *Calada fuegensis* Nielsen & Robinson, 1983, by original designation.

*Calada* Nielsen & Robinson (1983: 17, 91); included species: *fuegensis* Nielsen & Robinson, 1983, *migueli* Nielsen & Robinson, 1983.

Robinson & Nielsen (1984: 16). — Nye & Fletcher (1991: 51). — Edwards et al. (1996: 107). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan (2010: 49). — Mielke & Grehan (2012: 134).

### *Calada fuegensis* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 93; figs. 56 (prelabium and labial palpus), 57 (venation), 192–195 (♂ dorsal), 196 (♀ dorsal), 245 (♂ antennae flagellum), 270 (♂ foretibia), 271 (♀ foretibia), 325 (holotype ♂ gen.), 356 (♀ gen.), 381 (bursa copulatrix), 408 (flight period), 429 (distribution)); holotype ♂, Argentina, Tierra del Fuego, Isla Grande, W of Ushuaia, Lapataia, 20 m, 2. III. 1979, Mision Cientifica Danesa leg., sta. 34; GP ESN 2740; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Pastrana (2004: 5). — Mielke & Grehan (2012: 134).

### *Calada migueli* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 94; figs. 197 (holotype ♂ dorsal), 272 (♂ foretibia), 326 (♂ gen.), 409 (flight period), 429 (distribution)); holotype ♂, Argentina, Rio Negro, Lago Nahuel Huapi, Porto Blest, 770 m, 2. III. 1979, Mision Cientifica Danesa leg., sta. 8; GP ESN 2548; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Pastrana (2004: 5). — Mielke & Grehan (2012: 134).

### *Callipielus* Butler, 1882

**Type-species:** *Callipielus arenosus* Butler, 1882 by monotypy.

Butler (1882: 23). — Kirby (1892: 893). — Wagner & Pfitzner (1911: 22). — Pfitzner (1938: 1298). — Neave (1939: 536). — Bryk (1944: 26). — Paclt (1944: 143). — Viette (1950c: 52); ♂ (1951d: 74). — Paclt (1953: 143). — Robinson (1977: 110; figs. 1 (♂ gen.), 2 (aedeagus), 3 (caudal sclerites), 4 (venation)); syn.: *Stachyocera* Ureta, 1957. — Nielsen & Robinson (1983: 17, 73); syn.: *Stachyocera* Ureta, 1957. — Mallet (1984: 77). — Robinson & Nielsen (1984: 16); syn.: *Stachyocera* Ureta, 1957. — Nielsen & Scoble (1986: 43). — Nye & Fletcher (1991: 52). — Kristensen (1998: 62). — Nielsen et al. (2000: 839); syn.: *Stachyocera* Ureta, 1957. — Simonsen (2002: 65). — Grehan (2010: 44). — Mielke & Grehan (2012: 134); syn.: *Stachyocera* Ureta, 1957. — Grehan (2012: 13).

= *Stachyocera* Ureta (1957: 159); type-species: *Stachyocera izquierdoi* Ureta, 1957, by original designation. — Edwards & Ververs (1975: 325). — Robinson (1977: 110); as synonym of *Callipielus* Butler, 1882. — Nielsen & Robinson (1983: 17, 73); as synonym of *Callipielus* Butler, 1882. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus* Butler, 1882. — Nye & Fletcher (1991: 285). — Nielsen et al. (2000: 839); as synonym of *Callipielus* Butler, 1882. — Mielke & Grehan (2012: 134); as synonym of *Callipielus* Butler, 1882.

*Callipielus* [sic]: Dumbleton (1966: 924).

### *Callipielus arenosus* Butler, 1882

*Callipielus arenosus* Butler (1882: 24; pl. 1, fig. 6 (venation)); [Chile], Valdivia, coll. Reed; [NHMUK]. — Aurivillius (1884: 524). — Kirby (1892: 893). — Wagner & Pfitzner (1911: 22). — Pfitzner (1938: 1298). — Viette (1950c: 52; figs. 1–2 (♂ gen.)). — Ureta (1957: pl. 1, fig. 9 ([♂ dorsal])). — Robinson (1977: 112; pl. 1, fig. 1 (♂ dorsal), pl. 2, fig. 10 (♂ gen., holotype of *Callipielus leukogramma* Bryk, 1944), pl. 3, fig. 18 (caudal sclerites, holotype of *Callipielus leukogramma* Bryk, 1944), pl. 5, figs. 26 (aedeagus, holotype of *Callipielus leukogramma* Bryk, 1944), 28 (♀ gen.), pl. 6, fig. 30 (antennal segments, lectotype)); lectotype ♂ designated; GP NHMUK Hepial. 12348; syn.: *Callipielus leukogramma* Bryk, 1944. — Nielsen & Robinson (1983: 17, 76; figs. 159–161 and 163–164 (♂ dorsal), 162 and 165 (♀ dorsal), 232 (♂ antennae flagellum), 233 (♀ antennae flagellum), 262 (♂ foretibia), 263 (♀ foretibia), 303–305 (♂ gen.), 306 (holotype ♂ gen. of *Callipielus leukogramma* Bryk, 1944), 349–350 (♀ gen.), 374 (bursa copulatrix), 397 (flight period), 424 (distribution)); syn.: *Callipielus antarcticus* (Staudinger, 1899) (*nec* Wallengren, 1860), *Callipielus staudingeri* (Wagner, 1911), *Callipielus leukogramma* Bryk, 1944, *Callipielus chiliensis* Viette, 1950, *Callipielus Antarctica* [sic] (Staudinger, 1899) (*nec* Wallengren, 1860). — Robinson & Nielsen (1984: 16); syn.: *Callipielus antarcticus* (Staudinger, 1899) (*nec* Wallengren, 1860), *Callipielus staudingeri* (Wagner, 1911), *Callipielus leukogramma* Bryk, 1944, *Callipielus chiliensis* Viette, 1950. — Nielsen et al. (2000: 839); syn.: *Callipielus antarcticus* (Staudinger, 1899) (*nec* Wallengren, 1860), *Callipielus staudingeri* (Wagner, 1911), *Callipielus leukogramma* Bryk, 1944, *Callipielus chiliensis* Viette, 1950. — Simonsen (2002: 66; figs. 6–10 (scales)). — Dapoto et al. (2003: 100). — Pastrana (2004: 5). — Grehan (2010: 61; fig. P, appendix). — Mielke & Grehan (2012: 134); syn.: *Callipielus antarcticus* (Staudinger, 1899) (*nec* Wallengren, 1860), *Callipielus staudingeri* (Wagner, 1911), *Callipielus leukogramma* Bryk, 1944, *Callipielus chiliensis* Viette, 1950. — Grehan (2012: 23, 28; figs. (venation, sternum II)).

= *Hepialus antarcticus* Staudinger (1899: 42); one ♀ [holotype], [Argentina], Ostkuste Feuerlands [East Tierra del Fuego], [Peninsula El] Paramo, North of Sebastians-Bay, 2. I. 1896, Ohlin leg; [NRSS], **praecoc.**: *Hepialus antarcticus* Wallengren, 1860 [Hepialidae]. — Pagenstecher (1902: 399). — Wagner & Pfitzner (1911: 10). — Enderlein (1912: 90).

= *Hepialus staudingeri* Wagner (1911: 10): replacement name for *Hepialus antarcticus* Staudinger.

*Hepialus (Hepialus) staudingeri*: Pfitzner (1937: 1290).

= *Callipielus leukogramma* Bryk (1944: 26; pl. 2, figs. 15 (♂ dorsal), 16 (♀ dorsal)); holotype ♂, [Argentina, Río Negro, San Carlos de Bariloche], Nahuel Huapí, Peninsula Llau Llau, N of Puerto Nuevo, Patagonia, 770–780 m, X. 1933–III. 1934, Ljungner leg.; NRSS. — Viette (1950c: 52). — Robinson (1977: 112); holotype GP GSR S-02; as synonym of *Callipielus arenosus* Butler, 1882. — Nielsen & Robinson (1983: 17, 76; fig. 306 (holotype gen.)); as synonym of *Callipielus arenosus* Butler, 1882. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus arenosus* Butler, 1882. — Nielsen et al. (2000: 840); as synonym of *Callipielus arenosus* Butler, 1882. — Mielke & Grehan (2012: 135); as synonym of *Callipielus arenosus* Butler, 1882.

= *Callipielus chiliensis* Viette (1950f: 74; figs. 16 (♂ dorsal), 18–19 (♂ gen.)); [holo-]type ♂, Chile, Valdivia, I. 1938, Andreas & de Graag; GP P. Viette no. 2187; RMNH. — Robinson (1977: 113; pl. 1, fig. 2 (♂ dorsal), pl. 2, fig. 11 (♂ gen.), pl. 3, fig. 19 (caudal sclerites)). — Nielsen & Robinson (1983: 17, 76); as synonym of *Callipielus arenosus* Butler, 1882. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus arenosus* Butler, 1882. — Nielsen et al. (2000: 840); as synonym of *Callipielus arenosus* Butler, 1882. — Mielke & Grehan (2012: 135); as synonym of *Callipielus arenosus* Butler, 1882.

*Callipielus antarctica* [sic]: Nielsen & Robinson (1983: 17); as synonym of *Callipielus arenosus* Butler, 1882.

*Callipielus staudingeri*: Nielsen & Robinson (1983: 17, 76); as synonym of *Callipielus arenosus* Butler, 1882. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus arenosus* Butler, 1882. — Nielsen et al. (2000: 840); as synonym of *Callipielus arenosus* Butler, 1882. — Mielke & Grehan (2012: 135); as synonym of *Callipielus arenosus* Butler, 1882.

### *Callipielus argentata* Ureta, 1957

Ureta (1957: 162; fig. 3 (♂ gen.)); holotype ♂, Chile, [Talca], Laguna del Maule, 1800 m, 31. III. 1957, G. Marchant leg.; coll. M.N. no. 6203; MNHC. — Robinson (1977: 118; pl. 1, fig. 8 (♂ dorsal), pl. 3, fig. 17 (♂ gen.), pl. 4, fig. 25 (caudal sclerites), pl. 6, fig. 35 (antennal segments)). — Camousseight (1980: 31). — Nielsen & Robinson (1983: 17, 84; figs. 177 (♂ dorsal), 240 (♂ antennal flagellum), 318 (♂ gen.), 403 (flight period), 427 (distribution)); type no. 1050. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 135).

### *Callipielus digitata* Robinson, 1977

Robinson (1977: 114; pl. 1, fig. 3 (holotype dorsal), pl. 2, fig. 12 (holotype gen.), pl. 4, fig. 20 (holotype caudal sclerites), pl. 6, figs. 31 (holotype antennal segments), 38 (holotype labium, labial palpus)); holotype ♂, Chile; GP GSR H-01; ZMHB. — Nielsen & Robinson (1983: 17, 79; figs. 166–167 (♂ dorsal), 168 (♀ dorsal), 234 (♂ antennae flagellum), 264 (♂ foretibia), 265 (♀ foretibia), 307–309 (♂ gen.), 310 (holotype ♂ gen. of *C. castilloi* Robinson, 1977), 351 (♀ gen.), 375 (bursa copulatrix), 398 (flight period), 425 (distribution)); syn.: *Callipielus brunnescens* Robinson, 1977, *Callipielus castilloi* Robinson, 1977. — Robinson & Nielsen (1984: 16); syn.: *Callipielus brunnescens* Robinson, 1977, *Callipielus castilloi* Robinson, 1977. — Nielsen et al. (2000: 840); syn.: *Callipielus brunnescens* Robinson, 1977, *Callipielus castilloi* Robinson, 1977. — Mielke & Grehan (2012: 135); syn.: *Callipielus brunnescens* Robinson, 1977, *Callipielus castilloi* Robinson, 1977.

*Callipielus arenosus* [misidentification]: Pfitzner (1938; pl. 185e ([♂] dorsal)); see Robinson (1977: 115).

= *Callipielus brunnescens* Robinson (1977: 115; pl. 1, fig. 4 (holotype dorsal), pl. 2, fig. 13 (holotype gen.), pl. 4, fig. 21 (holotype caudal sclerites), pl. 6, fig. 32 (holotype antennal segments)); holotype ♂, Chile, Lossberg leg.; GP GSR H-02; ZMHB. — Nielsen & Robinson (1983: 17, 79); as synonym of *Callipielus digitata* Robinson, 1977. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus digitata* Robinson, 1977. — Nielsen et al. (2000: 840); as synonym of *Callipielus digitata* Robinson, 1977. — Mielke & Grehan (2012: 135); as synonym of *Callipielus digitata* Robinson, 1977.

= *Callipielus castilloi* Robinson (1977: 116; pl. 1, fig. 5 (holotype dorsal), pl. 3, fig. 14 (holotype gen.), pl. 4, fig. 22 (holotype caudal sclerites)); holotype ♂, Chile, Cautín, Temuco, Carillanca Experimental Station, 3. VII. 1975, Salas leg.; gen. slide no. 13147; NHMUK. — Nielsen & Robinson (1983: 17, 79; fig. 310 (holotype ♂ gen.)); as synonym of *Callipielus digitata* Robinson, 1977. — Robinson & Nielsen (1984: 16); as synonym of *Callipielus digitata* Robinson, 1977. — Nielsen et al. (2000: 840); as synonym of *Callipielus digitata* Robinson, 1977. — Mielke & Grehan (2012: 135); as synonym of *Callipielus digitata* Robinson, 1977.

*Callipielus digitatus* [sic]: Pastrana (2004: 5).

### *Callipielus fumosa* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 83; figs. 176 (holotype dorsal), 239 (♂ antennae flagellum), 317 (holotype gen.), 402 (flight period), 426 (distribution)); holotype ♂, Chile, Nuble, SW side of Vulcan Chillan, Shangri-la, 1600 m, 19.–21. I. 1979, D. & M. Davis, Akerbergs leg.; GP GSR 1044, type no. 100597; USNM. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 135).

### *Callipielus gentilii* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 82; figs. 174–175 (♂ dorsal), 238 (♂ antennae flagellum), 315 (♂ gen.), 316 (holotype gen.), 401 (flight period), 426 (distribution)); holotype ♂, Argentina, Neuquén, Paso Carrirrine, 1000 m, 15. II. 1966, Gentili leg.; GP GSR 1033; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Pastrana (2004: 5). — Mielke & Grehan (2012: 135).

### *Callipielus izquierdoi* (Ureta, 1957)

*Stachycera izquierdoi* Ureta (1957: 159; figs. 1 (venation), 2 (♂ gen.), pl. 1, fig. 10 (♂ dorsal)); holotype ♂, Chile, [Arauco], Caramavida, 1000 m, Cordillera de Nahuelbuta, 5. II. 1953, Luis Peña leg.; coll. M.N. no. 6158; MNHC. — Camousseight (1980: 31).

*Callipielus izquierdoi*: Robinson (1977: 117; pl. 1, fig. 7 (♂ dorsal), pl. 3, fig. 16 (♂ gen.), pl. 4, fig. 24 (8th caudal sclerites), pl. 5, fig. 29 (♀ gen.), pl. 6, fig. 34 (antennal segments)). — Nielsen & Robinson (1983: 17, 85; figs. 179–180 (♂ dorsal), 181 (♀ dorsal), 242 (♂ antennae flagellum), 319–320 (♂ gen.), 353b (♀ gen.), 378 (bursa copulatrix), 405 (flight period), 427 (distribution)); type no. 1048. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 135).

#### *Callipielus krahmeri* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 85; figs. 178 (holotype dorsal), 241 (♂ antennae flagellum), 321 (♂ gen.), 404 (flight period), 427 (distribution)); holotype ♂, Chile, Valdivia, Valdivia, 16. I. 1959, Krahmer leg.; GP ESN 2633; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 136).

#### *Callipielus perforata* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 81; figs. 172 (holotype dorsal), 173 (♀ dorsal), 237 (♂ antennae flagellum), 313–314 (♂ gen.), 353a (♀ gen.), 377 (bursa copulatrix), 400 (flight period), 426 (distribution)); holotype ♂, Argentina, Rio Negro, S of San Carlos de Bariloche, Pampa del Toro, 900 m, 22.–23. X. 1981, Nielsen & Karsholt leg., sta. 38; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 136).

*Callipielus perforatus* [sic]: Pastrana (2004: 5). — Grehan (2010: 46).

#### *Callipielus salasi* Robinson, 1977

Robinson (1977: 117; pl. 1, fig. 6 (♂ dorsal), pl. 3, fig. 15 (♂ holotype gen.), pl. 4, fig. 23 (holotype caudal sclerites), pl. 6, figs. 33 (antennal segments), 37 (labium, labial palpus)); holotype ♂, Chile, Cautín, Temuco, Carillanca Experimental Station, 20. V. 1975, Salas leg.; gen. slide no. 13160; NHMUK. — Nielsen & Robinson (1983: 17, 80; figs. 169–170 (♂ dorsal), 171 (♀ dorsal), 235 (♂ antennae flagellum), 236 (♀ antennae flagellum), 266 (♀ foretibia), 311–312 (♂ gen.), 352 (♀ gen.), 376 (bursa copulatrix), 399 (flight period), 425 (distribution)). — Robinson & Nielsen (1984: 16). — Giganti et al. (1994: 69). — Nielsen et al. (2000: 840). — Dapoto et al. (2003: 100). — Pastrana (2004: 5). — Mielke & Grehan (2012: 136).

*Callipielus* sp.: Robinson (1977: 119; pl. 2, fig. 9 (♀ dorsal, pl. 5), fig. 27 (♀ gen., pl. 6), fig. 36 (antennal segments)); see Nielsen & Robinson (1983: 80).

#### *Callipielus vulgaris* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 87; figs. 182–184 (♂ dorsal), 185–186 (♀ dorsal), 243 (♂ antennae flagellum), 267 (♂ foretibia), 322 (holotype ♂ gen.), 354a–b (♀ gen.), 379 (bursa copulatrix), 406 (flight period), 428 (distribution)); holotype ♂, Argentina, Chubut, Esquel, Lago Menendez, El Sagrario Puerto, 600 m, 2.–4. I. 1982, Nielsen & Karsholt leg., sta. 50; GP ESN 2629; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 66; figs. 1–5, scales). — Pastrana (2004: 5). — Mielke & Grehan (2012: 136).

#### *Cibyra* Walker, 1856

**Type-species:** *Cibyra ferruginosa* Walker, 1856, by monotypy.

Walker (1856: 1770). — Kirby (1892: 938). — Quail (1900: 426); *Cibyra sylvinus* [sic] [probably *Triodia sylvina* (Linnaeus, 1761)]. — Neave (1939: 734). — Paclt (1944: 142); syn.: *Alphus* Wallengren, 1869, **praecoc.**: *Alphus* White, 1855 and *Alphus* Thomson, 1860 [Coleoptera]. — Viette (1949c: 102). — Paclt (1953: 145); ♂ (1957: 52). — Nye & Fletcher (1991: 69). — Nielsen et al. (2000: 841). — Grehan & Rawlins (2003: 734); syn.: *Aepythus* Herrich-Schäffer, [1858]. — Grehan (2010: 43). — Mielke & Grehan (2012: 136); syn: *Aepythus* (*Xytrops*) Viette, 1951. — Grehan (2012: 4; fig. (valva)). — Grehan (2012: 13).

*Hepialus* (*Cibyra*): Quail (1903: 502), *Hepialus* (*Cibyra*) *sylvinus* [sic], probably *Triodia sylvina* (Linnaeus, 1761).

= *Aepythus* (*Xytrops*) Viette (1951a: 1); type-species: *Aepythus* (*Xytrops*) *monoargenteus* Viette, 1951, by original designation. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Mielke & Grehan (2012: 136); as synonym of *Cibyra* Walker, 1856.

*Xytrops*: Viette (1951e: 1277). — Paclt (1953: 145); as synonym of *Roseala* Viette, 1952. — Edwards & Hopwood (1966: 315). — Nye & Fletcher (1991: 323).

*Aepythus* (*Cibyra*): Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Xytrops*): Nielsen et al. (2000: 842).

#### *Cibyra danieli* (Viette, 1961)

*Aepythus danieli* Viette (1961: 2; fig. 2 ([holotype] gen.)); holotype ♂, Argentina, Jujuy, Yala, 1450 m, 20. II. 1955, Juan Foerster leg.; GP P. Viette no. 3789; ZSBS.

*Aepythus* (*Aepythus*) *danieli*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Aepythus*) *danieli*: Nielsen et al. (2000: 842).

*Cibyra danieli*: Mielke & Grehan (2012: 136)

#### *Cibyra dorita* Schaus, 1901

Schaus (1901: 76); [♂], [Brazil], Parana, Castro; [GP Viette no. 91516, type no. 18607]; USNM.

= *Cibyra poltrona* Schaus (1901: 77); [♀], [Brazil], Parana, Castro; [GP P. Viette no. 91515, type no. 18605]; USNM.

= *Aepytus helga* Schaus (1929: 55; fig. 22 (♀ dorsal)); [holo] type ♀, Brazil, Santa Catarina, [H. 1922, E. D. Jones leg.]; [GP P. Viette 91522], type no. 33544; USNM.

*Hepialus (Cibyra) dorita*: Pfitzner (1937: 1292).

*Hepialus (Hepialus) helga*: Pfitzner (1937: 1291).

*Hepialus (Cibyra) poltrona*: Pfitzner (1937: 1293).

*Xytrops dorita*: Viette (1951e: 1277).

*Aepytus (Xytrops) dorita*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Aepytus (Aepytus) helga*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Aepytus (Cibyra) poltrona*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Xytrops) dorita*: Nielsen et al. (2000: 842).

*Cibyra (Aepytus) helga*: Nielsen et al. (2000: 842).

*Cibyra (Cibyra) poltrona*: Nielsen et al. (2000: 843).

*Cibyra dorita*: Mielke & Grehan (2012: 136); syn: *Cibyra helga* (Schaus, 1929), *Cibyra poltrona* Schaus, 1901; lectotype ♂ with the following labels: /Castro, Parana/ *Cibyra dorita* type Schaus/ Type n°. 18607 USNM/ Genitalia slide P. Viette USNM 91516/ Photo, det. E. S. Nielsen 1984/. — Grehan (2012: 4, 23; figs. (valva, venation)). — Favretto (2016: 72).

*Cibyra helga*: Mielke & Grehan (2012: 136); as a synonym of *Cibyra dorita* Schaus, 1901.

*Cibyra poltrona*: Mielke & Grehan (2012: 136); as a synonym of *Cibyra dorita* Schaus, 1901; lectotype ♀ with the following labels: /Castro, Parana/ *Cibyra poltrona* type Schaus/ Type n°. 18605 USNM/ Genitalia slide P. Viette USNM 91515/ Photo, det. E. S. Nielsen 1984/.

### *Cibyra endyra* Mielke, 2015

Mielke (2015: 12; figs. 1a-b (holotype ♂ dorsal/ventral), 2a-b (♀ female), 14 (holotype ♂ abdominal segment VIII), 15 (holotype ♂ genitalia), 16 (holotype phallus), 23 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Cibyra endyra* C. Mielke det. 2014/ 22. I. 2004, Pedra do Baú, São Bento do Sapucaí, 1800 m, SP, Brasil. Pereira leg./ CGCM 9.368/ DZ 15.573/ BC-CGCM [BC-JX215633]/; DZUP.

### *Cibyra ferruginosa* Walker, 1856

Walker (1856: 1770), Brazil, coll. Steven; NHMUK. — Kirby (1892: 938). — Viette (1949c: 102); ♂ (1951c: 95); syn.: *Cibyra dormita* Schaus, 1901; ♂ (1951e: 1277). — Grehan (2010: 45). — Mielke & Grehan (2012: 137); syn.: *Cibyra dormita* Schaus, 1901. — Grehan (2012: 4, 23; figs. (valva, venation)). — Mielke & Casagrande (2013: 84; figs. 5 (lectotype ♂), 6 (lectotype ♂ of *Cibyra dormita* Schaus, 1901), 7a-b (♂ dorsal/ventral), 8a-b (♀ dorsal/ventral), 9 (lectotype ♀ of *Cibyra schausi* (Viette, 1952)), 42 (phallus), 43 (foreleg), 44 (abdomen segment VIII), 45-47 (♀ genitalia), text-fig. 1 (geographical distribution)); lectotype ♂ with the following labels: /*ferruginosa*/ Brazil/ Type/ Lectotype, *Cibyra ferruginosa* Walker, 1856, C. Mielke & Casagrande det. 2013/; syn.: *Cibyra dormita* Schaus, 1901, *Cibyra schausi* (Viette, 1952).

*Cibyra ferruginea* [sic]: Kirby (1892: 866).

= *Cibyra dormita* Schaus (1901: 77), [Brazil, Rio de Janeiro], Petrópolis; [coll. Schaus]; [type no. 18602]; USNM. — Viette (1950a: 75; fig. 1 ♂ gen.), cited as *Aepytus exclamans* (Herrich-Schäffer, [1854]), see Viette (1951c: 95); ♂ (1951c: 95; fig. 2 ([syn-]type ♂ gen.)); as synonym of *Cibyra ferruginosa* Walker, 1856. — Mielke & Grehan (2012: 137); as synonym of *Cibyra ferruginosa* Walker, 1856. — Mielke & Casagrande (2013: 85); as synonym of *Cibyra ferruginosa* Walker, 1856; lectotype ♂ with the following labels: /*Dalaca dormita* Schaus Type/ Petropolis, Brazil/ Type No. 18602 U.S.N.M./ Photo det. E. S. Nielsen 1984/ Collection WM Schaus/ Lectotype, *Dalaca dormita* Schaus, 1901, C. Mielke & Casagrande det. 2013/.

*Hepialus (Cibyra) dormita*: Pfitzner (1937: 1293).

= *Paragorgopis schausi* Viette (1952a: 142; fig. 3 (♀ gen.)); holotype ♀, Brazil, São Paulo, Araras, J. G. Foetterle [leg.]; GP P. Viette no. 2260; NHMW.

*Aepytus (Cibyra) dormita*: Nielsen & Robinson (1983: 20); as synonym of *Aepytus (Cibyra) ferruginosa* (Walker, 1856). — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Cibyra) ferruginosa* (Walker, 1856).

*Aepytus (Cibyra) ferruginosa*: Nielsen & Robinson (1983: 20); syn.: *Aepytus (Cibyra) dormita* (Schaus, 1901). — Robinson & Nielsen (1984: 17); syn.: *Aepytus (Cibyra) dormita* (Schaus, 1901).

*Aepytus (Paragorgopis) schausi*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Cibyra) dormita*: Nielsen et al. (2000: 843); as synonym of *Cibyra (Cibyra) ferruginosa* Walker, 1856.

*Cibyra (Cibyra) ferruginosa*: Nielsen et al. (2000: 843); syn.: *Cibyra (Cibyra) dormita* Schaus, 1901. — Grehan (2010: 51; fig. c, appendix).

*Cibyra (Paragorgopis) schausi*: Nielsen et al. (2000: 842).

*Vietteogorgopis schausi*: Özdikmen (2007: 117). — Koçak & Koçak (2008: 31).

*Cibyra schausi*: Mielke & Grehan (2012: 137). — Mielke & Casagrande (2013: 85); syn.: as synonym of *Cibyra ferruginosa* Walker, 1856.

*Cibyra feruginosa* [sic]: Grehan (2012: 26; fig. (sternum II)).

*Cibyra ferrugisona* [sic]: Favretto (2016: 72).

*Cibyra forsteri* (Viette, 1961)

*Aepytus forsteri* Viette (1961: 1; fig. 1 ([holotype] gen.)); holotype ♂, Bolivia, Cochabamba, 2600 m, 10. XI. 1956, R. Zischka leg.; GP P. Viette no. 3552; ZSBS.

*Aepytus (Aepytus) forsteri*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepytus) forsteri*: Nielsen et al. (2000: 842).

*Cibyra forsteri*: Mielke & Grehan (2012: 137)

*Cibyra meridionalis* C. Mielke & Casagrande, 2013

Mielke & Casagrande (2013: 74; figs. 1a-b (♂ holotype dorsal/ventral), 2 (♂ dorsal), 3a-b and 4 (♀ dorsal/ventral), 10-13 (head), 14 (labial palpus), 15 (antennae), 16 (antennal segment), 17-20 and 29 (thorax), 21a-b (wing venation), 24-28 (legs), 30-33 (abdomen), 34-36 (holotype ♂ genitalia), 37-41 (♀ genitalia), text-fig. 1 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Cibyra meridionalis* C. Mielke & Casagrande det. 2013/ Brasil, Santa Catarina, Urubici, Morro da Igreja, 1250 m, 26.-31. XII. 2001 (7). C. Mielke leg./ DZ 15.562/; DZUP. — Favretto (2016: 72).

*Cibyra monoargenteus* (Viette, 1951)

*Aepytus (Xytrops) monoargenteus* Viette (1951a: 2; fig. 3 ([holotype] ♂ gen.)); [holo-]type ♂, Brazil, Parana, Curitiba [recte Curitiba], February; GP P. Viette no. 1345; MNHN. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Xytrops) monoargenteus*: Nielsen et al. (2000: 842). — Grehan (2010: 54; fig. n, appendix).

*Cibyra monoargenteus*: Mielke & Grehan (2012: 137). — Grehan (2012: 27; fig. (sternum II). — Mielke (2014: 213; figs. 1 (geographical distribution), 2 a-b and 3 (♂ dorsal/ventral), 4 a-b (♀ dorsal/ventral), 5 (♂ abdominal segment VIII), 6 (♂ genitalia), 7 (phallus), 8-9 (♀ genitalia). — Favretto (2016: 72).

*Cibyra munona* (Schaus, 1929)

*Aepytus munona* Schaus (1929: 56; fig. 21 (♂ dorsal)); [holo-] type ♂, Brazil, Santa Catarina, [II. 1922, E. D. Jones leg.]; [GP P. Viette no. 91521], type no. 33545; USNM.

*Hepialus (Hepialus) munona*: Pfitzner (1937: 1291).

*Aepytus (Aepytus) munona*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepytus) munona*: Nielsen et al. (2000: 842).

*Cibyra munona*: Mielke & Grehan (2012: 137). — Favretto (2016: 72).

*Aepytus munona* [sic]: Favretto (2016: 72).

*Cibyra ochracea* C. Mielke, 2014

Mielke (2014: 214; figs. 1 (geographical distribution), 14 a-b (holotype ♂ dorsal/ventral), 15 (♂ dorsal), 16 a-b (♀ dorsal/ventral), 17 (holotype phallus), 18 (♀ abdominal segment VIII), 19 (♀ genitalia); holotype ♂ with the following labels: /Holotypus, *Cibyra ochracea* C. Mielke det. 2012/ Brasil, Santa Catarina, Rio Vermelho, 800 m, 15. II. 2004 (5), O. Rank leg./ DZ 15.601/; DZUP. — Favretto (2016: 72).

*Cibyra oreas* (Schaus, 1892)

*Dalaca oreas* Schaus (1892: 330); Brazil, [Rio de Janeiro], Petropolis, Schaus leg.; coll. Schaus; [GP P. Viette no. 91527, type no. 18604]; USNM. — Bertkau (1893: 190). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295).

*Aepytus oreas*: Schaus (1929: 56).

*Aepytus (Paragorgopis) oreas*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) oreas*: Nielsen et al. (2000: 842).

*Vietteogorgopis oreas*: Özdikmen (2007: 117).

*Cibyra oreas*: Mielke & Grehan (2012: 137); lectotype ♀ with the following labels: /Petropolis, Brazil/ *Cibyra oreas* type Schaus/ Coll. Wm. Schaus/ Type n°. 18604 USNM/ Genitalia slide P. Viette USNM 91527/ Photograph on file USNM/ Photo, det. E. S. Nielsen 1984/.

*Cibyra pluriargenteus* (Viette, 1956)

*Xytrops pluriargenteus* Viette (1956: 378; fig. 4 (♂ gen.)); holotype ♂, Brazil, São Paulo, Alto da Serra, I. 1923, R. Spitz leg.; GP P. Viette no. 2296; NHMUK.

*Aepytus (Xytrops) pluriargenteus*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Xytrops) pluriargenteus*: Nielsen et al. (2000: 843).

*Cibyra pluriargenteus*: Mielke & Grehan (2012: 137).

*Cibyra stigmatica* (Pfitzner, 1937)



*Dalaca stigmatica* Pfitzner (1937: 1296; pl. 100b ([♀] dorsal)); no data; coll. Seitz; [SMFL]. — Zukowski (1954: 93); as synonym of *Dalaca tesselloides* Schaus, 1901. — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844).

*Cibyra stigmatica*: Mielke & Grehan (2012: 137); lectotype ♀ with the following labels: /*stigmatica*, S<sup>a</sup> Catarina (?) od. Costarica/ Coll. A. Seitz/. — Grehan (2012: 4, 5, 23; fig. (valva, intermediate plate, venation)). — Favretto (2016: 72).

### *Cibyra tessellata* Mielke, 2014

Mielke (2014: 214; figs. 1 (geographical distribution), 10 a-b (holotype ♂ dorsal/ventral), 11 (holotype ♂ 8<sup>th</sup> abdominal segment), 12 (holotype ♂ genitalia), 13 (holotype phallus); holotype ♂ with the following labels: /Holotypus, *Cibyra tessellata* C. Mielke det. 2012/ Brasil, Paraná, Guaratuba, Serra do Itararé, 1000 m, 27. III. 2006. C. Mielke leg./ DZ 15.594/ BC-CGCM [BC-JX215592]/ 20.945 Col. C. Mielke/; DZUP.

### *Cibyra verresi* (Schaus, 1929)

*Aepyptus verresi* Schaus (1929: 56; fig. 23 (♂ dorsal)); [holo-] type ♂, Brazil, Santa Catarina, [2. IV. 1924, E. D. Jones leg.]; [GP P. Viette no. 91523], type no. 33546; USNM.

*Dalaca verresi*: Pfitzner (1937: 1296).

*Aepyptus (Xytrops) verresi*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Xytrops) verresi*: Nielsen et al. (2000: 843).

*Cibyra verresi*: Mielke & Grehan (2012: 137). — Favretto (2016: 72).

### *Cibyra ybyra* Mielke, 2015

Mielke (2015: 13; figs. 8a-b (holotype ♂ dorsal/ventral), 9-12 (♂ dorsal), 13a-b (♀ female), 20 (holotype ♂ abdominal segment VIII), 21 (holotype ♂ genitalia), 22 (holotype phallus), 23 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Cibyra ybyra* C. Mielke det. 2014/ 18.-22. XII. 2000, Morro da Igreja, 1250 m, Urubici, SC, [Brazil], Miers & C. Mielke leg./ CGCM 6.850/ DZ 15.541/ BC-CGCM [BC-JX215585]/; DZUP. — Favretto (2016: 72).

### *Cibyra ykeyra* Mielke, 2015

Mielke (2015: 13; figs. 3a-b (holotype ♂ dorsal/ventral), 4-6 (♂ dorsal), 7a-b (♀ female), 17 (holotype ♂ abdominal segment VIII), 18 (holotype ♂ genitalia), 19 (holotype phallus), 23 (geographical distribution)); holotype ♂ with the following labels: /Holotypus, *Cibyra ykeyra* C. Mielke det. 2014/ Brasil, SC, São Bento do Sul, Rio Vermelho, 700 m, 8. I. 2006, I. Rank leg./ CGCM 19.962 / DZ 15.534/ BC-CGCM [BCJX215634]/; DZUP. — Favretto (2016: 72).

### *Cibyra yungas* (Viette, 1961)

*Xytrops yungas* Viette (1961: 3; fig. 4 ([holotype] ♂ gen.)); holotype ♂, Bolivia, [Cochabamba], Yungas del Palmar, 2000 m, R. Zischka leg.; GP P. Viette no. 3790; ZSBS.

*Aepyptus (Xytrops) yungas*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Xytrops) yungas*: Nielsen et al. (2000: 842).

*Cibyra yungas*: Mielke & Grehan (2012: 137).

### *Cibyra zischkai* (Viette, 1961)

*Aepyptus zischkai* Viette (1961: 2; fig. 3 ([holotype] ♂ gen.)); holotype ♂, Bolivia, Cochabamba, 2600 m, 5. XII. 1954, R. Zischka leg.; GP P. Viette no. 3788; ZSBS.

*Aepyptus (Aepyptus) zischkai*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Aepyptus) zischkai*: Nielsen et al. (2000: 842).

*Cibyra zischkai*: Mielke & Grehan (2012: 137).

### *Dalaca* Walker, 1856

**Type-species:** *Dalaca nigricornis* Walker, 1856 by subsequent designation by Druce (1887: 232).

*Dalaca* Walker (1856: 1549, 1559); included species: *nigricornis* Walker, 1856, *exul* (Herrich-Schäffer, [1853]), *nomaqua* Walker, 1856, *exclamans?* (Herrich-Schäffer, [1854]), *epigramma?* (Herrich-Schäffer, [1854]).

Gerstaecker (1857: 425). — Herrich-Schäffer ([1858]: 56; as synonym of *Triodia* Hubner, [1820], *Aepyptus* Herrich-Schäffer, [1856]. — Butler (1882: 25). — Druce (1887: 232). — Kirby (1892: 886); type-species: *Dalaca nomaqua* Walker 1856, by subsequent designation [incorrect designation]. — Druce (1898: 450). — Quail (1900: 432). — Wagner & Pfitzner (1911: 13). — Strand (1914: 59). — Janse (1919: 240). — Gaede (1930: 555); misidentification. — Pfitzner (1937: 1293). — Neave (1939: 8). — Janse (1942: 5). — Paclt (1944: 143); ♂ (1949: 152); syn.: *Huapina* Bryk, 1944. — Viette (1950e: 144); syn.: *Huapina* Bryk, 1944, *Maculella* Viette, 1950; ♂ (1951d: 74, 80). — Paclt (1953: 143); syn.: *Blanchardina* Viette, 1950. — Zukowski (1954: 94). — Dumbleton (1966: 924). — Schröder (1967: 339). — Nielsen & Robinson (1983: 16, 51); syn.: *Huapina* Bryk, 1944, *Maculella* Viette, 1950, *Toenga* Tindale, 1954. — Mallet (1984: 77). — Robinson & Nielsen (1984: 16); syn.: *Huapina* Bryk, 1944, *Maculella* Viette, 1950, *Toenga* Tindale, 1954. — Nielsen & Scoble (1986: 43). — Grehan (1989: 805). — Nye & Fletcher (1991: 87). — Kristensen (1998: 62). — Nielsen et al. (2000: 839); syn.: *Huapina* Bryk, 1944, *Maculella* Viette, 1950, *Toenga* Tindale, 1954. —

Simonsen (2002: 65). — Grehan (2010: 49; fig. L, appendix). — Mielke & Grehan (2012: 138); syn.: *Huapina* Bryk, 1944, *Maculella* Viette, 1950, *Toenga* Tindale, 1954. — Grehan (2012: 29; fig. (sternum II)).

= *Huapina* Bryk (1944: 28); type-species: *Huapina parviguttata* Bryk, 1944, by monotypy. — Paclt (1949: 152); as synonym of *Dalaca* Walker, 1856. — Neave (1950: 119). — Viette (1950e: 144); as synonym of *Dalaca* Walker, 1856; ♀ (1951d: 80). — Nielsen & Robinson (1983: 16); as synonym of *Dalaca* Walker, 1856. — Robinson & Nielsen (1984: 16); as synonym of *Dalaca* Walker, 1856. — Nye & Fletcher (1991: 153). — Nielsen et al. (2000: 839); as synonym of *Dalaca* Walker, 1856. — Mielke & Grehan (2012: 138); as synonym of *Dalaca* Walker, 1856.

= *Maculella* Viette (1950c: 55); type-species: *Dalaca noctuides* Pfitzner, 1914 by original designation. — Viette (1950e: 144); as synonym of *Dalaca* Walker, 1856; ♀ (1951d: 76). — Edwards & Hopwood (1966: 157). — Schröder (1967: 338). — Nielsen & Robinson (1983: 16); as synonym of *Dalaca* Walker, 1856. — Robinson & Nielsen (1984: 16); as synonym of *Dalaca* Walker, 1856. — Nye & Fletcher (1991: 182). — Nielsen et al. (2000: 839); as synonym of *Dalaca* Walker, 1856. — Mielke & Grehan (2012: 138); as synonym of *Dalaca* Walker, 1856.

= *Toenga* Tindale (1954: 13); type-species: *Toenga oceanica* Tindale, 1954, by original designation. — Paclt (1957: 52). — Dumbleton (1966: 924, 971). — Edwards & Hopwood (1966: 296). — Nielsen & Robinson (1983: 16, 51); as synonym of *Dalaca* Walker, 1856. — Robinson & Nielsen (1984: 16); as synonym of *Dalaca* Walker, 1856. — Nye & Fletcher (1991: 309). — Nielsen et al. (2000: 839), as synonym of *Dalaca* Walker, 1856. — Mielke & Grehan (2012: 138); as synonym of *Dalaca* Walker, 1856.

### *Dalaca chiliensis* (Viette, 1950)

*Maculella chiliensis* Viette (1950c: 57; fig. 6 (♂ gen.)); [holo-]type ♂, Chile, Valdivia, Arturo von Lossberg [leg.], 1901; coll. Biedermann, ex coll. Oberthür; GP P. Viette no. 950; MNHN. — Durán (1976: 121, 123).

*Dalaca chilensis* [sic]: Viette (1950c: 55, 56).

*Meculella* [sic] *chiliensis*: Carrillo (1974: 46).

*Dalaca chiliensis*: Nielsen & Robinson (1983: 16, 56; figs. 45 (ductus bursae), 77–80 (♂ dorsal), 81 (♀ dorsal), 215 (♂ antennae flagellum), 216 (♀ antennae flagellum), 254 (♂ foretibia), 255 (♀ foretibia), 280–281 (♂ gen.), 335 (♀ gen.), 365 (bursa copulatrix), 388 (flight period), 418 (distribution)). — Robinson & Nielsen (1984: 16). — Cisternas (1989: 10); ♀ (1992: 88); ♀ (2000: 1). — Koch & Waterhouse (2000: 31, 72, 87, 121, 142, 159). — Nielsen et al. (2000: 839). — Jackson (2007: 35). — Cisternas et al. (2007: 42). — Pape (2009: 4). — Mielke & Grehan (2012: 138).

### *Dalaca crocatus* (Ureta, 1956)

*Hepialus crocatus* Ureta (1956: 284); holotype ♂, Chile, “Araucania [Cautín and Malleco], II. 1892”; coll. M.N. no. 2247; [GP ESN 2634, type no. 759]; MNHC. — Ureta (1957; pl. 1, fig. 8 (♂ dorsal)). — Camousseight (1980: 31).

*Dalaca crocatus*: Nielsen & Robinson (1983: 16, 55; figs. 76 (♂ holotype), 214 (antennae flagellum), 279 (♂ gen.), 387 (flight period), 418 (distribution)). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Mielke & Grehan (2012: 138).

### *Dalaca laminata* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 67; figs. 129–131 (♂ dorsal), 132 (♀ dorsal), 224 (♂ antennae flagellum), 225 (♀ antennae flagellum), 260 (♀ foretibia), 293 (♂ gen.), 294 (holotype gen.), 343–344 (♀ gen.), 369 (bursa copulatrix), 393 (flight period), 421 (distribution)); holotype ♂, Chile, Malleco, Cordillera Nahuelbuta, Cabrería, 9.–15. I. 1977, Pena [leg.]; GP ESN 2561; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Mielke & Grehan (2012: 138).

### *Dalaca nigricornis* Walker, 1856

Walker (1856: 1560); ♂, Chile, coll. Cuming; NHMUK. — Butler (1882: 25); as synonym of *Dalaca venosa* (Blanchard, 1852). — Aurivillius (1884: 524); as synonym of *Dalaca venosa* (Blanchard, 1852). — Druce (1887: 232). — Kirby (1892: 886); as synonym of *Dalaca venosa* (Blanchard, 1852). — Wagner & Pfitzner (1911: 14); as synonym of *Dalaca venosa* (Blanchard, 1852). — Pfitzner (1937: 1295); as synonym of *Dalaca venosa* (Blanchard, 1852). — Viette (1950e: 145; fig. 3 (type ♂ gen.)). — Nielsen & Robinson (1983: 17, 64; figs. 50 (hindwing apex), 124 (holotype [recte syntype] ♂ dorsal), 125–126 (♀ dorsal), 221 (♂ antennae flagellum), 222 (♂ [error, ♀] antennae flagellum), 259 (♀ foretibia), 290 (holotype [recte syntype] gen.), 342 (♀ gen.), 368 (bursa copulatrix), 391 (flight period), 420 (distribution)); holotype [recte syntype] ♂, Chile; gen. slide no. 2086. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Pastrana (2004: 5). — Mielke & Grehan (2012: 138).

### *Dalaca pallens* (Blanchard, 1852)

*Hepialus pallens* Blanchard (1852: 69; pl. 4, fig. 5 (dorsal)); Chile, Coquimbo. — Walker (1856: 1556). — Kirby (1892: 884). — Wagner & Pfitzner (1911: 9). — Lloyd & Blackman (1966: 14). — Carrillo (1974: 46). — Durán (1976: 123).

*Dalaca* (*Triodia*) *venosa* [sic] [misidentification]; Berg (1882: 219); see Nielsen & Robinson (1983: 90).

= *Aepytyus dimidiatus* Berg (1882: 220); single ♂ [holotype], Chile, Concepcion, 26. ii. 1879, Berg leg. — Aurivillius (1884: 524). — Kirby (1892: 887).

= *Dalaca hemileuca* Butler (1882: 27); 1 ♂, 1 ♀, Chile, Edmonds leg.; NHMUK. — Aurivillius (1884: 524). — Kirby (1892: 887). — Wagner & Pfitzner (1911: 13). — Pfitzner (1937: 1295). — Nielsen & Robinson (1983: 16, 57); lectotype ♂; as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 138); as synonym of *Dalaca pallens* (Blanchard, 1852).

= *Dalaca marmorata* Butler (1882: 25); 2 ♂♂, Chile, Las Zonas, Edmonds leg.; NHMUK. — Aurivillius (1884: 524). — Kirby (1892: 887). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295). — Nielsen & Robinson (1983: 16, 57); lectotype ♂; GP NHMUK Hepial. 10777; as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 138); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Dalaca pallens*: Butler (1882: 26). — Pfitzner (1937: 1295). — Nielsen & Robinson (1983: 16, 57; figs. 46–47 (♂ and ♀ forewing base), 48 (saccus), 82–96 (♂ dorsal), 97–99 (♀ dorsal), 217 (♂ antennae flagellum), 218 (♀ antennae flagellum), 256 (♂ foretibia), 257 (♀ foretibia), 282–286 (♂ gen.), 336–338 (♀ gen.), 366 (bursa copulatrix), 389 (flight period), 419 (distribution)); syn.: *Dalaca hemileuca* Butler, 1882, *Dalaca marmorata* Butler, 1882, *Dalaca subfervens* Butler, 1882, *Dalaca violacea* Butler, 1882, *Dalaca dimidiatus* (Berg, 1882), *Dalaca noctuides* Pfitzner, 1914, *Dalaca parviguttata* (Bryk, 1944), *Dalaca pseudodimiata* (Paclt, 1953), *Dalaca oceanica* (Tindale, 1954), *Dalaca venosa* [sic] Berg (1882, nec Blanchard 1852). — Robinson & Nielsen (1984: 16); syn.: *Dalaca hemileuca* Butler, 1882, *Dalaca marmorata* Butler, 1882, *Dalaca subfervens* Butler, 1882, *Dalaca violacea* Butler, 1882, *Dalaca dimidiatus* (Berg, 1882), *Dalaca noctuides* Pfitzner, 1914, *Dalaca parviguttata* (Bryk, 1944), *Dalaca pseudodimiata* (Paclt, 1953), *Dalaca oceanica* (Tindale, 1954). — Cisternas (1989: 10); ♀ (1992: 88). — Giganti et al. (1994: 70). — Cisternas (2000: 1). — Koch & Waterhouse (2000: 31, 72, 87, 121, 142, 159). — Nielsen et al. (2000: 839); syn.: *Dalaca hemileuca* Butler, 1882, *Dalaca marmorata* Butler, 1882, *Dalaca subfervens* Butler, 1882, *Dalaca violacea* Butler, 1882, *Dalaca dimidiatus* (Berg, 1882), *Dalaca noctuides* Pfitzner, 1914, *Dalaca parviguttata* (Bryk, 1944), *Dalaca pseudodimiata* (Paclt, 1953), *Dalaca oceanica* (Tindale, 1954). — Simonsen (2002: 66; figs. 11–19 (scales)). — Cisternas et al. (2003: 51). — Dapoto et al. (2003: 100). — Pastrana (2004: 5); syn.: *Dalaca noctuides* Pfitzner, 1914. — Devotto et al. (2007: 508). — Cisternas et al. (2007: 42). — Devotto et al. (2008: 228). — Aguilera et al. (2009: 35). — Pape (2009: 4). — Mielke & Grehan (2012: 138); syn.: *Dalaca hemileuca* Butler, 1882, *Dalaca marmorata* Butler, 1882, *Dalaca subfervens* Butler, 1882, *Dalaca violacea* Butler, 1882, *Dalaca dimidiatus* (Berg, 1882), *Dalaca noctuides* Pfitzner, 1914, *Dalaca parviguttata* (Bryk, 1944), *Dalaca pseudodimiata* (Paclt, 1953), *Dalaca oceanica* (Tindale, 1954). — Maldonado, Merino, & France (2012: 201). — Grehan (2012: 21; fig. (venation)).

= *Dalaca subfervens* Butler (1882: 25); Chile, Las Zonas, Edmonds leg.; NHMUK. — Aurivillius (1884: 524). — Kirby (1892: 886). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295). — Nielsen & Robinson (1983: 16, 57); lectotype ♂; as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

= *Dalaca violacea* Butler (1882: 26); 1 ♂ [holotype], Chile, Edmonds leg.; NHMUK. — Aurivillius (1884: 524). — Kirby (1892: 887). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295). — Nielsen & Robinson (1983: 16, 57); as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Hepialus dimidiatus*: Wagner & Pfitzner (1911: 4).

= *Dalaca noctuides* Pfitzner (1914: 105); Chile, Valdivia; coll. Pfitzner; [SMFL]; ♀ (1937: 1295; pl. 99e ([♂] dorsal)). — Zukowski (1954: 94); as synonym of *Dalaca fusca* [sic] Mabilie, 1885. — Ihl (1947: 78). — Caballero (1955: 7). — Isla (1959: 16). — Carrillo (1974: 46). — Nielsen & Robinson (1983: 17, 57); as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Pastrana (2004: 5); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Hepialus (Hepialus) dimidiatus*: Pfitzner (1937: 1291).

= *Huapina parviguttata* Bryk (1944: 28; pl. 2, fig. 17 (♀ dorsal)); [holo-]type ♀, [Argentina, Rio Negro, San Carlos de Bariloche], Nahuel Huapí, Peninsula Llau Llau, N Puerto Nuevo, Patagonia, 770–780 m, X. 1933–III. 1934, Ljungner leg.; NRSS.

*Dalaca parviguttata*: Paclt (1949: 149, 152); as synonym of *Dalaca venosa* [sic] (Blanchard). — Viette (1950e: 145; figs. 1–2 ([holo-]type ♀ gen.)); GP P. Viette no. 2171. — Paclt (1953: 146); as synonym of *Dalaca venosa* [sic] (Blanchard). — Nielsen & Robinson (1983: 17, 57); as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Aepytus dimidiatus* [misidentification]: Paclt (1949: 149); see Paclt (1953: 145).

*Maculella hemileuca*: Viette (1950c: 55); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Maculella pallens*: Viette (1950c: 55).

*Maculella marmorata*: Viette (1950c: 55); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Maculella noctuides*: Viette (1950c: 56; fig. 5 (♂ gen.)). — Schröder (1967: 338); lectotype ♂, SMFT 1002; GP P. Viette no. 1410. — Durán (1976: 121, 123). — Rodriguez et al. (1980: 73).

*Maculella subfervens*: Viette (1950c: 55); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Maculella violacea*: Viette (1950c: 55); as synonym of *Dalaca pallens* (Blanchard, 1852).

= *Lossbergiana pseudodimiata* Paclt (1953: 145); [holotype] ♀, [Argentina, Rio Negro, San Carlos de Bariloche], Nahuel Huapí, Peninsula Llau Llau, N of Puerto Nuevo, Patagonia, 770–780 m, X. 1933–III. 1934, Ljungner leg., syn.: *Aepytus dimidiatus* Paclt, 1949, nec Berg.

= *Toenga oceanica* Tindale (1954: 15; figs. 1a (antenna), 1b (labial palpus), 1c (venation), 1d–1e (abdomen), pl. 1, fig. [2] ([holotype] ♀ dorsal)); single specimen [= holotype ♀], Cook Islands, Rarotonga [mislabelled, probably Chile or Argentina]; no. 93: 162; NHMUK. — Tindale (1981: 966).

*Dalaca dimidiatus*: Viette (1961: 7). — Carrillo (1974: 46). — Nielsen & Robinson (1983: 17, 57); as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 138); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Maculella (Dalaca) noctuides*: Lloyd & Blackman (1966: 14).

*Maculella dimidiata* [sic]: Durán (1976: 119, 127).

*Dalaca pseudodimidiata*: Nielsen & Robinson (1983: 17, 57); as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Dalaca oceanica*: Nielsen & Robinson (1983: 17, 57); holotype GP NHMUK Hepial. 20444; as synonym of *Dalaca pallens* (Blanchard, 1852). — Robinson & Nielsen (1984: 16); as synonym of *Dalaca pallens* (Blanchard, 1852). — Nielsen et al. (2000: 839); as synonym of *Dalaca pallens* (Blanchard, 1852). — Mielke & Grehan (2012: 139); as synonym of *Dalaca pallens* (Blanchard, 1852).

*Dalaca dimidiata* [sic]: Pastrana (2004: 5).

### *Dalaca parafuscus* Nielsen, Robinson & Wagner, 2000

*Hepialus fuscus* Mabille (1885: 56); [Chile, Magallanes], “Ex insulis Magellanicas”; **praecoc.**: *Hepialus fuscus* Haworth, 1809 [Hepialidae]. — Mabille (1888: 8; fig. 6 (dorsal)). — Staudinger (1899: 44). — Pagenstecher (1902: 398, 399). — Enderlein (1912: 90). — Viette & Fletcher (1968: 392); type not found.

*Dalaca fusca* [sic]: Kirby (1892: 887). — Wagner & Pfitzner (1911: 13). — Pfitzner (1937: 1295; pl. 185b ([ $\sigma$ ] dorsal)). — Zukowski (1954: 94); syn.: *Dalaca noctuides* Pfitzner, 1914. — Pastrana (2004: 5).

*Dalaca fuscus*: Nielsen & Robinson (1983: 17, 68; figs. 133–135 ( $\sigma$  dorsal), 136 ( $\varphi$  dorsal), 226 ( $\sigma$  antennae flagellum), 227 ( $\varphi$  antennae flagellum), 295–296 ( $\sigma$  gen.), 345 ( $\varphi$  gen.), 370 (bursa copulatrix), 394 (flight period), 422 (distribution)). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839).

*Dalaca parafuscus* Nielsen, Robinson & Wagner (2000: 839); replacement name for *Hepialus fuscus* Mabille, 1885. — Mielke & Grehan (2012: 139).

### *Dalaca patriciae* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 66; figs. 127 (holotype  $\sigma$  dorsal), 128 ( $\sigma$  dorsal), 223 ( $\sigma$  antennae flagellum), 291–292 ( $\sigma$  gen.), 392 (flight period), 421 (distribution)); holotype  $\sigma$ , Argentina, Neuquén, San Martín de los Andes, Cerro Chapelco, 1400–1650 m, 1. XII. 1981, Nielsen & Karsholt leg., sta. 36; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Pastrana (2004: 5). — Mielke & Grehan (2012: 140).

### *Dalaca postvariabilis* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 69; figs. 137–141 ( $\sigma$  dorsal), 142–143 ( $\varphi$  dorsal), 228 ( $\sigma$  antennae flagellum), 229 ( $\varphi$  antennae flagellum), 261 ( $\varphi$  foretibia), 297–298 ( $\sigma$  gen.), 346 ( $\varphi$  gen.), 371 (bursa copulatrix), 395 (flight period), 422 (distribution)); holotype  $\sigma$ , Argentina, Neuquén, Lago Lacar, Pucara, 650 m, 26. XII. 1978, Mision Científica Danesa leg., sta. 9; GP ESN 2543; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Simonsen (2002: 66; figs. 20–23). — Pastrana (2004: 5). — Mielke & Grehan (2012: 140).

### *Dalaca quadricornis* Nielsen & Robinson, 1983

Nielsen & Robinson (1983: 17, 62; figs. 49 (saccus), 100–119 ( $\sigma$  dorsal), 120–123 ( $\varphi$  dorsal), 219 ( $\sigma$  antennae flagellum), 220 ( $\varphi$  antennae flagellum), 258 ( $\varphi$  foretibia), 287–289 ( $\sigma$  gen.), 339–341 ( $\varphi$  gen.), 367 (bursa copulatrix), 390 (flight period), 420 (distribution)); holotype  $\sigma$ , Argentina, Chubut, Esquel, Lago Menendez, El Sagrario Puerto, sta. 50, 600 m, 2.–4. I. 1982, Nielsen & Karsholt leg.; GP ESN 2834; ZMUC. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 839). — Pastrana (2004: 5). — Mielke & Grehan (2012: 140).

### *Dalaca variabilis* (Viette, 1950)

*Maculella variabilis* Viette (1950c: 57; fig. 7 ( $\sigma$  gen.)); [holo-]type  $\sigma$ , Chile, Valdivia, Arturo von Lossberg [leg.], 1901; coll. Biedermann, ex coll. Oberthür; GP P. Viette no. 946; MNHN.

*Dalaca variabilis*: Nielsen & Robinson (1983: 17, 71; figs. 144–154 ( $\sigma$  dorsal), 155–158 ( $\varphi$  dorsal), 230 ( $\sigma$  antennae flagellum), 231 ( $\varphi$  antennae flagellum), 299–302 ( $\sigma$  gen.), 347–348 ( $\varphi$  gen.), 372–373 (bursa copulatrix), 396 (flight period), 423 (distribution)). — Robinson & Nielsen (1984: 16). — Cisternas (2000: 1). — Nielsen et al. (2000: 839). — Cisternas et al. (2007: 42). — Mielke & Grehan (2012: 140).

*Dalaca variables* [sic]: Cisternas (2000: 4).

### *Druceiella* Viette, 1949

**Type-species:** *Hepialus momus* Druce, 1890, by original designation.

*Druceiella* Viette (1949a: 52); included species: *metellus* (Druce, 1890), *momus* (Druce, 1890).

Viette (1951d: 75). — Paclt (1953: 145); as synonym of *Pseudophassus* Pfitzner & Gaede [recte *Pseudophassus* Weymer [ms.] in Pfitzner 1938]. — Edwards & Hopwood (1966: 83). — Schröder (1967: 342). — Nielsen & Robinson (1983: 18, 111). — Robinson & Nielsen (1984: 16). — Nye & Fletcher (1991: 100). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan (2010: 43). — Mielke & Grehan (2012: 140). — Grehan (2012: 5, 6, 13; figs. (intermediate plate, male genitalia)). — Grehan & Rawlins (2016: 47).

*Druceiella amazonensis* Viette, 1950

Viette (1950d: 168; figs. 10 (holotype tergite VIII), 11 (holotype gen.)); holotype ♂, Brazil, [Pará], Obidos; GP P. Viette no. 2113; MNHN. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 140). — Grehan (2012: 11, 26; figs. (pseudotegumen, sternum II)).

*Druceiella basirubra* (Schaus, 1901)

*Dalaca basirubra* Schaus (1901: 76); Peru; [GP Viette no. 2628]; USNM. — Wagner & Pfitzner (1911: 13). — Pfitzner (1937: 1296). — Zukowski (1954: 93).

= *Pseudophassus metricus* var. *songoensis* Pfitzner (1914: 110); Bolivia, Rio Songo, [1912, Fassl leg.]; coll. Pfitzner; [SMFL]. — Forbes (1942: 406); as synonym of *Dalaca metellus* (Druce, 1890). — Viette (1961: 6); as synonym of *Druceiella basirubra* (Schaus, 1901).

*Pseudophassus momus songoensis*: Pfitzner (1938: 1301).

*Dalaca metricus* var. *songoensis*: Forbes (1942: 406); as synonym of *Dalaca metellus* (Druce, 1890).

*Druceiella metellus* [misidentification]: Viette (1949a: 54; figs. 4 (♂ tergite VIII), 5 (♂ gen.), 9 (sternite VIII)); see Viette (1950d: 167), Nielsen & Robinson (1983: 112).

*Druceiella songoensis*: Viette (1950d: 167; figs. 4–9, ♂ tergite VIII). — Schröder (1967: 342); lectotype [♂], SMFT 1013. — Nielsen & Robinson (1983: 18); as synonym of *Druceiella basirubra* (Schaus, 1901). — Robinson & Nielsen (1984: 16); as synonym of *Druceiella basirubra* (Schaus, 1901). — Nielsen et al. (2000: 840); as synonym of *Druceiella basirubra* (Schaus, 1901). — Mielke & Grehan (2012: 140); as synonym of *Druceiella basirubra* (Schaus, 1901). — Grehan (2012: 9; fig. (sternum II)).

*Druceiella basirubra*: Viette (1961: 6); syn.: *Pseudophassus metricus* var. *songoensis* Pfitzner, 1914. — Nielsen & Robinson (1983: 18, 112; figs. 74a (prelabium, labial palpus), 74b (venation), 75 (sternite and tergite VIII), 213 (♂ dorsal), 253 (♂ antennae flagellum), 278 (♂ foretibia), 334 (♂ gen.), 364 (♀ gen.), 386 (bursa copulatrix), 416 (flight period), 431 (distribution)); syn.: *Druceiella songoensis* (Pfitzner, 1914). — Robinson & Nielsen (1984: 16); syn.: *Druceiella songoensis* (Pfitzner, 1914). — Nielsen et al. (2000: 840); syn.: *Druceiella songoensis* (Pfitzner, 1914). — Simonsen (2002: 65). — Grehan (2010: 45). — Mielke & Grehan (2012: 140); syn.: *Druceiella songoensis* (Pfitzner, 1914). — Grehan (2012: 26; fig. (sternum II)).

*Pseudophassus monus* [sic] *songoensis*: Schröder (1967: 342).

*Druceiella metellus* (Druce, 1890)

*Hepialus metellus* Druce (1890: 509; fig. 2 ([♂] dorsal)); Ecuador, Sarayacu, Buckley leg.; coll. Druce; [GP P. Viette, NHMUK GP Hepial. 2081]; [NHMUK]. — Bertkau (1891: 196).

*Phassus metellus*: Kirby (1892: 890). — Wagner & Pfitzner (1911: 18).

*Dalaca metellus*: Hampson (1903: 260). — Forbes (1942: 406); syn.: *Hepialus momus* Dyar, 1915, nec Druce, 1890, *Pseudophassus metricus*, var. *songoensis* Pfitzner 1914, var. [sic] *momus metricus* Pfitzner, 1938.

*Hepialus momus* [misidentification]: Dyar (1915b: 350); see Forbes (1942: 406).

*Pseudophassus momus metellus*: Pfitzner (1938: 1301; pl. 99g ([♂] dorsal)). — Forbes (1942: 406); as synonym of *Dalaca metellus*.

*Druceiella metellus*: Viette (1950d: 167; figs. 1 (♂ tergite VIII), 2 (♂ gen.)); ♀ (1961: 6). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 140). — Grehan (2012: 23, 26; figs. (venation, sternum II)).

*Druceiella momus* (Druce, 1890)

*Hepialus momus* Druce (1890: 508; fig. 3 ([♂] dorsal)); Ecuador, Sarayacu, Buckley leg.; coll. Druce; [GP P. Viette no. BM Gen slide 2085]; [NHMUK]. — Bertkau (1891: 196).

*Phassus momus*: Kirby (1892: 890). — Wagner & Pfitzner (1911: 18).

*Pseudophassus momus*: Pfitzner (1938: 1301; pl. 185e ([♂] dorsal)). — Zukowski (1954: 94).

= *Pseudophassus momus* f. *metricus* Pfitzner (1938: 1301; pl. 99h ([♂] dorsal)); Bolivia, Rio Songo, Fassl [leg.].

*Pseudophassus* var. [sic] *momus metricus*: Forbes (1942: 406); as synonym of *Dalaca metellus* (Druce, 1890).

*Druceiella momus*: Viette (1949a: 53; figs. 6 (♂ tergite VIII), 7 (♂ sternite VIII), 8 (♂ gen.)). — Viette (1961: 6). — Robinson & Nielsen (1984: 16); syn.: *Druceiella metricus* (Pfitzner, 1938). — Nielsen et al. (2000: 840); syn.: *Druceiella metricus* (Pfitzner, 1938). — Mielke & Grehan (2012: 141); syn.: *Druceiella metricus* (Pfitzner, 1938). — Grehan (2012: 7, 23; figs. (antennae, venation)).

*Druceiella nomus* [sic]: Nielsen & Robinson (1983: 18); syn.: *Druceiella metricus* (Pfitzner, 1938).

*Druceiella metricus*: Nielsen & Robinson (1983: 18); as synonym of *Druceiella momus* (Druce, 1890). — Robinson & Nielsen (1984: 16); as synonym of *Druceiella momus* (Druce, 1890). — Nielsen et al. (2000: 840); as synonym of *Druceiella momus* (Druce, 1890). — Mielke & Grehan (2012: 141); as synonym of *Druceiella momus* (Druce, 1890).

*Gymelloxes* Viette, 1952

**Type-species:** *Dalaca terea* Schaus, 1892, by original designation.

*Gymelloxes* Viette (1952b: 27); included species: *terea* (Schaus, 1892), *trilinearis* (Pfitzner, 1914). — Grehan (2012: 13).

Paclt (1957: 51); as synonym of *Aepytyus* Herrich-Schäffer, [1858]. — Edwards & Hopwood (1966: 114). — Nye & Fletcher (1991: 139). — Mielke & Grehan (2012: 141).

*Aepytyus* (*Gymellox*): Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Gymellox*): Nielsen et al. (2000: 842). — Grehan (2010: 44).

### *Gymellox* *prosopus* (Druce, 1901)

*Hepialus prosopus* Druce (1901: 436); Colombia, Bonda; coll. Druce; NHMUK.

*Hepialus propopus* [sic]: Wagner & Pfitzner (1911: 9).

= *Dalaca chiriquensis* Pfitzner (1914: 105); [Panama], Chiriqui; coll. Pfitzner; [SMFL]; ♂ (1937: 1294; pl. 99b ([♀] dorsal)). — Schröder (1967: 339); lectotype ♀, SMFT 81. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 843). — Mielke & Grehan (2012: 141); as synonym of *Gymellox prosopus* (Druce, 1901).

= *Dalaca muysca* Pfitzner (1914: 105); [Panama], Chiriqui; coll. Pfitzner; [SMFL]. — Schröder (1967: 340); "holotype" [recte lectotype] ♀, SMFT 99; syn.: *Dalaca terea* Schaus, 1892. — Mielke & Grehan (2012: 141); as synonym of *Gymellox prosopus* (Druce, 1901).

*Dalaca terea* f. *muysca*: Pfitzner (1937: 1294; pl. 99f ([♀] dorsal)).

*Pseudophassus prosopus* Pfitzner (1938: 1301).

*Aepytyus* (*Gymellox*) *muysca*: Nielsen & Robinson (1983: 19); as synonym of *Aepytyus* (*Gymellox*) *terea* (Schaus, 1892). — Robinson & Nielsen (1984: 17); as synonym of *Aepytyus* (*Gymellox*) *terea* (Schaus, 1892).

*Pfitzneriana prosopus*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841).

*Cibyra* (*Gymellox*) *muysca*: Nielsen et al. (2000: 842); as synonym of *Cibyra* (*Gymellox*) *terea* (Schaus, 1892).

*Gymellox prosopus*: Mielke & Grehan (2012: 141); lectotype ♀ with the following labels: /*Hepialus prosopus* Druce type/ Bonda, Colombia, 150 ft., H. H. Smith/ Sept/ Joicey Coll. B.M. 1929–122/ Ex Coll. Herbert Druce 1913/; syn: *Dalaca chiriquensis* Pfitzner, 1914, *Dalaca muysca* Pfitzner, 1914.

### *Gymellox* *terea* (Schaus, 1892)

*Dalaca terea* Schaus (1892: 330); Mexico, Paso de San Juan, Schaus leg.; coll. Schaus; [GP P. Viette 91513, type no. 18603]; [USNM]. — Bertkau (1893: 190). — Druce (1898: 451; pl. 89, fig. 3 type ([♂] dorsal)). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1294). — Schröder (1967: 340).

*Gymellox terea*: Viette (1952b: 28; fig. 2 ♂ ([syn-]type gen.)); coll. Schaus; GP P. Viette 2240. — Mielke & Grehan (2012: 141). — Grehan (2012: 6, 23, 27; figs. (pseudotegumen, male genitalia, venation, sternum II)).

*Aepytyus* (*Gymellox*) *terea*: Nielsen & Robinson (1983: 19); syn.: *Aepytyus* (*Gymellox*) *muysca* (Pfitzner, 1914). — Robinson & Nielsen (1984: 17); syn.: *Aepytyus* (*Gymellox*) *muysca* (Pfitzner, 1914).

*Cibyra* (*Gymellox*) *terea*: Nielsen et al. (2000: 842); syn.: *Cibyra* (*Gymellox*) *muysca* (Pfitzner, 1914). — Grehan (2010: 51; fig. d appendix).

### *Gymellox* *trilinearis* (Pfitzner, 1914)

*Dalaca trilinearis* Pfitzner (1914: 105); [Colombia], Sosomoco, 800 m, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Schröder (1967: 340); "holotype" [recte lectotype] ♂, SMFT 84; iii. 1911; GP Viette no. 2097.

*Dalaca trilinearides* [sic]: Pfitzner (1937: 1294; pl. 99c ([♂] dorsal)).

*Gymellox trilinearis*: Viette (1952b: 28); lectotype. — Mielke & Grehan (2012: 141).

[no genus] *trilinearides* [sic]: Zukowski (1954: 93).

*Aepytyus* (*Gymellox*) *trilinearis*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Gymellox*) *trilinearis*: Nielsen et al. (2000: 842).

### *Hampsoniella* Viette, 1950

**Type-species:** *Dalaca assa* Druce, 1887 by original designation.

*Aepytyus* (*Hampsoniella*) Viette (1950a: 74); included species: *assa* (Druce, 1887), *equatorialis* Viette, 1950, *sladeni* (Hampson, 1903). Edwards & Hopwood (1966: 116). — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Hampsoniella*: Viette (1951b: 116). — Viette (1951d: 76). — Paclt (1953: 145); as synonym of *Aepytyus* Herrich-Schäffer, [1856]. — Nye & Fletcher (1991: 141). — Mielke & Grehan (2012: 141). — Grehan (2012: 6, 13, 22; figs. (pseudotegumen, venation)).

*Cibyra* (*Hampsoniella*): Nielsen et al. (2000: 841). — Grehan (2010: 49; fig. f, appendix).

### *Hampsoniella* *assa* (Druce, 1887)

*Dalaca assa* Druce (1887: 232; pl. 24, fig. 10 ([♂] dorsal)); Guatemala, Volcan de Atitlan, 2500–3000 feet, and Pantaleon, 1700 feet, Champion [leg.]; NHMUK. — Kirby (1892: 886). — Schaus (1894: 236). — Druce (1898: 450). — Wagner & Pfitzner (1911: 13). — Dyar (1915b: 350). — Pfitzner (1937: 1293; pl. 99c ([♂] dorsal)). — Forbes (1942: 406). — Biezanko (1961a: 8) [misidentification, unknown species].

*Aepyptus (Hampsoniella) assa*: Viette (1950a: 74; fig. 3 (♂ gen.)) [error, unknown species; see Viette (1951c: 95)]. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Hampsoniella assa*: Viette (1951c: 95; fig. 3 ([syn]type ♂ gen.)). — Mielke & Grehan (2012: 141).

*Cibyra (Hampsoniella) assa*: Nielsen et al. (2000: 841).

### *Hampsoniella equatorialis* (Viette, 1950)

*Aepyptus (Hampsoniella) equatorialis* Viette (1950a: 77; fig. 2 (♂ gen.)); [holo-]type ♂, Ecuador, Bolivar, Balzapampa, M. de Mathan [leg.], IX. 1893–II. 1894; ex coll. Oberthür, coll. Biedermann; GP P. Viette no. 901; MNHN. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Hampsoniella equatorialis*: Viette (1951c: 95). — Viette (1951e: 1277). — Mielke & Grehan (2012: 142).

*Cibyra (Hampsoniella) equatorialis*: Nielsen et al. (2000: 841).

### *Hepialyxodes* Viette, 1951

**Type-species:** *Hepialyxodes rileyi* Viette, 1951, by original designation; monotypic.

Viette (1951e: 1278). — Paclt (1953: 145); as synonym of *Aepyptus* Herrich-Schäffer, [1856]. — Edwards & Hopwood (1966: 120). — Nye & Fletcher (1991: 146). — Mielke & Grehan (2012: 142). — Grehan (2012: 13).

*Aepyptus (Hepialyxodes)*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Hepialyxodes)*: Nielsen et al. (2000: 842). — Grehan (2010: 44; fig. h, appendix).

*Cibyra (Hepialyxoides)* [sic]; Grehan (2010: 49).

### *Hepialyxodes rileyi* Viette, 1951

Viette (1951e: 1279; fig. 2 (♂ gen.)): holotype ♂, Brazil, São Paulo, Ypiranga [recte Ipiranga], III. 1932, R. Spitz [leg.]; GP P. Viette no. 2300; NHMUK. — Mielke & Grehan (2012: 142). — Grehan (2012: 5, 23; figs. (intermediate plate, venation)).

*Aepyptus (Hepialyxodes) rileyi*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Hepialyxodes) rileyi*: Nielsen et al. (2000: 842).

### *Pallas* C. Mielke & Grehan, 2015,

**Type-species:** *Pallas reynaudi* C. Mielke & Grehan, 2015, by original designation; monotypic.

Mielke & Grehan (2015b: 115). — Grehan & Rawlins (2016: 47).

### *Pallas reynaudi* C. Mielke & Grehan, 2015

Mielke & Grehan (2015b: 116; figs. 1a-b (paratype ♂ dorsal/ventral), 2a-b (holotype ♀), 3 (paratype ♀), 13 (paratype ♂ tergosternal bar), 14 (paratype ♂ abdominal segments), 15 a-b (paratype ♂ genitalia), 16-17 (holotype ♀ genitalia), 23 (geographical distribution); holotype ♀ with the following labels (separated by forward slashes): /Holotypus, *Pallas reynaudi* C. Mielke & Grehan det. 2015/ Guatemala, Huehuetenango, Chiantla, Majadas, 3000 m, 26.IV.2011, Camposeco y Monzón leg./24.956CGCM/; UVG.

### *Parapielus* Viette, 1949

**Type-species:** *Pielus luteicornis* Berg, 1882, by original designation; monotypic.

Viette (1949a: 54); ♂ (1951d: 78). — Paclt (1953: 142). — Dumbleton (1966: 971). — Edwards & Hopwood (1966: 213). — Nielsen & Robinson (1983: 17, 100), syn.: *Lossbergiana* Viette, 1951. — Mallet (1984: 77). — Robinson & Nielsen (1984: 16), syn.: *Lossbergiana* Viette, 1951. — Nielsen & Scoble (1986: 43). — Nye & Fletcher (1991: 223). — Nielsen et al. (2000: 840), syn.: *Lossbergiana* Viette, 1951. — Simonsen (2002: 65). — Grehan (2010: 50). — Mielke & Grehan (2012: 142).

= *Lossbergiana* Viette (1951a: 5); type-species: *Lossbergiana oberthuri* Viette, 1951, by original designation. — Paclt (1953: 143). — Edwards & Hopwood (1966: 153). — Nielsen & Robinson (1983: 17, 100); as synonym of *Parapielus* Viette, 1949. — Robinson & Nielsen (1984: 16); as synonym of *Parapielus* Viette, 1949. — Nye & Fletcher (1991: 177). — Nielsen et al. (2000: 840); as synonym of *Parapielus* Viette, 1949. — Mielke & Grehan (2012: 142); as synonym of *Parapielus* Viette, 1949.

### *Parapielus heimlich* (Ureta, 1956)

*Hepialus heimlich* Ureta (1956: 283); holotype ♂, Chile, Santiago, Aculeo, cerros bajos, 30. IV. 1955, Heimlich leg.; [GP ESN 2637, type no. 758]; coll. M.N. no. 6156; MNHC. — Ureta (1957; pl. 1, fig. 7 (♀ dorsal)). — Camousseight (1980: 31).

*Parapielus heimlich*: Nielsen & Robinson (1983: 17, 105; figs. 68 (prelabium, labial palpus), 206–208 (♂ dorsal), 209 (♀ dorsal), 250 (♂ antennae flagellum), 331 (♂ holotype gen., ESN slide no. 2638), 362 (♀ gen.), 385 (bursa copulatrix), 413 (flight period), 430 (distribution)). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Dapoto et al. (2003: 100). — Pastrana (2004: 6). — Mielke & Grehan (2012: 142).

### *Parapielus luteicornis* (Berg, 1882)

*Pielus luteicornis* Berg (1882: 218); [Chile], Patagonia (Fretum Magellanicum), Punta Arenas, Estrecho de Magallanes, 13. III. 1879; coll. Staudinger; [MACN]. — Pfitzner (1938: 1297; pl. 99h ([ $\sigma$ ] dorsal)).

*Epialus [sic] luteicornis*: Berg (1882: 218).

*Oxycanus luteicornis*: Kirby (1892: 893). — Wagner & Pfitzner (1911: 21). — Tindale (1981: 966). *Hepialus (Pielus) luteicornis*: Staudinger (1899: 41; fig. 17 [ $\sigma$ ]). — Pagenstecher (1902: 399).

*Oxycanus niphadias* (Meyrick, 1890) [misidentification]: Quail (1900: 421); see Tindale (1981: 966).

*Pialus [sic] luteicornis*: Pagenstecher (1902: 398).

*Hepialus luteicornis*: Enderlein (1912: 90).

= *Pielus luteicornis* f. *popperi* Pfitzner (1938: 1297); [Chile and Argentina], Patagonia, Fuegia, Magallanes, Punta Arenas.

*Parapielus luteicornis*: Viette (1949a: 55; figs. 1 (labial palpus), 2–3 (antennal segment)). — Robinson (1977: 108). — Nielsen & Robinson (1983: 17, 102; figs. 66 (prelabium, labial palpus), 69 (venation), 202 ( $\sigma$  dorsal), 203 ( $\varphi$  dorsal), 248 ( $\sigma$  antennae flagellum), 274 ( $\sigma$  foretibia), 275 ( $\varphi$  foretibia), 329 ( $\sigma$  gen.), 359 ( $\varphi$  gen.), 383 (bursa copulatrix), 411 (flight period), 430 (distribution)); lectotype  $\sigma$ , Chile, Magallanes, Punta Arenas, 13. iii. 1879, Berg [leg.]; MACN; syn.: *Parapielus popperi* (Pfitzner, 1938). — Robinson & Nielsen (1984: 16); syn.: *Parapielus popperi* (Pfitzner, 1938). — Nielsen et al. (2000: 840); syn.: *Parapielus popperi* (Pfitzner, 1938). — Pastrana (2004: 6). — Grehan (2010: 44; fig. N, appendix). — Mielke & Grehan (2012: 142); syn.: *Parapielus popperi* (Pfitzner, 1938). — Grehan (2012: 11; fig. (pseudotegumen)).

*Parapielus popperi*: Nielsen & Robinson (1983: 17, 103); as synonym of *Parapielus luteicornis* (Berg, 1882). — Robinson & Nielsen (1984: 16); as synonym of *Parapielus luteicornis* (Berg, 1882). — Nielsen et al. (2000: 840); as synonym of *Parapielus luteicornis* (Berg, 1882). — Mielke & Grehan (2012: 142); as synonym of *Parapielus luteicornis* (Berg, 1882).

*Parapielus leuticornis [sic]*: Grehan (2012: 24; fig. (venation)).

*Parapielus leuticornis [sic]*: Grehan (2012: 28; fig. (sternum II)).

### *Parapielus oberthuri* (Viette, 1951)

*Lossbergiana oberthuri* Viette (1951a: 5; fig. 4 ( $\sigma$  gen.)); [holo]type  $\sigma$ , Chile, Valdivia, Arturo von Lossberg [leg.], 1904; ex coll. C. Oberthür, coll. R. Biedermann; GP P. Viette no. 1356; MNHN.

*Parapielus oberthuri* Nielsen & Robinson (1983: 17, 104; figs. 67 (prelabium, labial palpus), 70 (venation), 204 ( $\sigma$  dorsal), 205 ( $\varphi$  dorsal), 249 ( $\sigma$  antennae flagellum), 330 ( $\sigma$  gen.), 360–361 ( $\varphi$  gen.), 384 (bursa copulatrix), 412 (flight period), 430 (distribution)). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Pastrana (2004: 6). — Mielke & Grehan (2012: 142).

### *Parapielus reedi* (Ureta, 1957)

*Hepialus reedi* Ureta (1957: 163; fig. 4 ( $\sigma$  gen.)); holotype  $\sigma$ , Chile, [Osorno, Lago Llanquihue], Puerto Octay, 23. II. 1956, E. Oehren leg.; coll. M.N. no. 6200; MNHC. — Camousseight (1980: 31).

*Parapielus reedi*: Nielsen & Robinson (1983: 17, 107; figs. 210 ( $\sigma$  holotype dorsal), 211 ( $\sigma$  dorsal), 251 ( $\sigma$  antennae flagellum), 276 ( $\sigma$  foretibia), 332 ( $\sigma$  holotype gen.), 414 (flight period), 431 (distribution)); GP ESN 2635, type no. 1054. — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Mielke & Grehan (2012: 142).

### *Pfitzneriana* Viette, 1952

**Type-species:** *Dalaca olivescens* Pfitzner, 1914, by original designation.

*Pfitzneriana* Viette (1952b: 29); included species: *olivescens* (Pfitzner, 1914), *vogli* Viette, 1952. Paclt (1957: 51); as synonym of *Aepytyus* Herrich-Schäffer, [1856]. — Edwards & Hopwood (1966: 223). — Nielsen & Robinson (1983: 18); syn.: *Pseudophassus* Weymer [ms.] (*neq* Pfitzner, 1914). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 232). — Nielsen et al. (2000: 841). — Grehan (2010: 43). — Mielke & Grehan (2012: 143). — Grehan (2012: 6, 7, 8, 13, 23, 26; figs. (male genitalia, antennae, sternum II and VIII, venation)).

### *Pfitzneriana allura* Viette, 1961

Viette (1961: 5; fig. 6 ( $\sigma$  gen.)); holotype  $\sigma$ , Bolivia, Santa Cruz, 500 m, 15. X. 1955, R. Zischka leg.; GP P. Viette no. 3854; ZSBS. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 143).

### *Pfitzneriana obliquestrigata* (Strand, 1912)

*Dalaca obliquestrigata* Strand (1912a: 156); [holo-]type  $\sigma$ , Peru, oberer Madre de Dios; ZMHB. — Strand (1914: 59, pl. IV, fig. 4 ( $\sigma$  dorsal));  $\delta$  (1927: 42). — Pfitzner (1937: 1294). — Zukowski (1954: 93). — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844).

*Pfitzneriana obliquestrigata*: Mielke & Grehan (2012: 143).

### *Pfitzneriana olivescens* (Pfitzner, 1914)

*Dalaca olivescens* Pfitzner (1914: 105); single specimen [= holotype], Colombia, Sosomoco, 800 m, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Pfitzner (1937: 1294; pl. 99e ([ $\sigma$ ] dorsal)). — Schröder (1967: 340); holotype  $\sigma$ , SMFT 85; i. 1911; GP P. Viette no. 2349.

*Pfitzneriana olivescens*: Viette (1952b: 30). — Nielsen et al. (2000: 841); syn.: *Pfitzneriana boliviensis* Viette, 1961. — Mielke & Grehan (2012: 143); syn.: *Pfitzneriana boliviensis* Viette, 1961.



= *Pfitzneriana olivescens boliviensis* Viette (1961: 6); holotype ♂, Bolivia, [Cochabamba], Yungas del Palmar, 1000 m, 5. III. 1949, R. Zischka leg.; GP P. Viette no. 3549; ZSBS. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Pfitzneriana olivescens olivescens*: Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17).

*Pfitzneriana boliviensis*: Nielsen et al. (2000: 841); as synonym of *Pfitzneriana olivescens* (Pfitzner, 1914). — Mielke & Grehan (2012: 143); as synonym of *Pfitzneriana olivescens* (Pfitzner, 1914).

### *Pfitzneriana vogli* Viette, 1952

Viette (1952b: 30; fig. 1 (holotype gen.)); holotype ♂, Venezuela, Caracas, Cerro Avila, 10.–15. IV. 1936, P. Cor. Vogl leg.; GP P. Viette no. 2396; ZSBS. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 143).

### *Pfitzneriella* Viette, 1951

**Type-species:** *Triodia remota* Pfitzner, 1906, by original designation; monotypic.

Viette (1951b: 116). — Paclt (1953: 142); ♀ (1957: 52). — Edwards & Hopwood (1966: 223). — Schröder (1967: 338). — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 232). — Nielsen et al. (2000: 844). — Grehan (2010: 47). — Mielke & Grehan (2012: 143). — Grehan & Rawlins (2016: 47).

### *Pfitzneriella lucicola* (Maassen, 1890)

*Triodia lucicola* Maassen (1890: 137; pl. 4, fig. 16 ([♂] dorsal)); 4 specimens, Putzulagua near Latacunga, Ecuador, 3600 m; [ZMHB]. — Bertkau (1891: 196). — Pfitzner (1906: 276); ♀ (1938: 1297; pl. 185f ([♂] dorsal)). — Zukowski (1954: 94).

*Dalaca lucicola*: Kirby (1892: 886). — Wagner & Pfitzner (1911: 14).

(no genus) *lucicola*: Viette (1951b: 116).

*Pfitzneriella lucicola*: Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 143).

### *Pfitzneriella monticola* (Maassen, 1890)

*Triodia monticola* Maassen (1890: 136; pl. 4, fig. 14 ([♂] dorsal)); 11 specimens, Ecuador, Sincholagua, XI; [ZMHB]. — Bertkau (1891: 196). — Pfitzner (1906: 276); ♀ (1938: 1297; pl. 185b ([♂] dorsal)). — Zukowski (1954: 94).

*Dalaca monticola*: Kirby (1892: 886). — Wagner & Pfitzner (1911: 14).

(no genus) *monticola*: Viette (1951b: 116).

*Pfitzneriella monticola*: Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Grehan (2010: 57; fig. A, appendix). — Mielke & Grehan (2012: 143). — Grehan (2012: 27, 28; fig. (sternum II)).

### *Pfitzneriella remota* (Pfitzner, 1906)

*Triodia remota* Pfitzner (1906: 276); two specimens, Peru, Challabamba, 13400 feet, Schultz leg.; coll. Pfitzner; [SMFL]; ♀ (1938: 1297; pl. 99e ([♂] dorsal)). — Zukowski (1954: 94).

*Hepialus remotus* [sic]; Wagner & Pfitzner (1911: 10).

*Pfitzneriella remota*: Viette (1951b: 117; fig. 5 (lectotype ♂ gen.)). — Schröder (1967: 338); lectotype ♂, SMFT 1000; GP P. Viette no. 2100. — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 143). — Grehan (2012: 22, 27; figs. (venation, sternum II)).

### *Pfitzneriella similis* (Zukowski, 1954)

*Triodia similis* Zukowski (1954: 94); [holo-]type, southern Peru, Rio Sondondo, 2400 m, 18. IV. 1936, Hamb. Südperu-Expedition; Hamburger Zoolog. Museum (specimen destroyed in war 1943).

*Pfitzneriella similis*: Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 143).

### *Phassus* Walker, 1856

**Type-species:** *Phassus argentiferus* Walker, 1856, by subsequent designation by Kirby (1892: 889).

*Phassus* Walker (1856: 1566); included species: *argentiferus* Walker, 1856, *giganteus* (Herrich-Schäffer, [1853]), *agrionides* Walker, 1856, *transversus* Walker, 1856, *tessellatus* (Herrich-Schäffer, [1854]), *signifer* Walker, 1856.

Druce (1887: 232); ♀ (1892: 278). — Hampson ([1893]: 318); type-species: *Pharmacis huebneri* Geyer, ([1838]: pl. [53]) [incorrect designation]. — Druce (1898: 451). — Quail (1900: 422); [probably *Endoclita* C. & R. Felder, 1874]. — Wagner & Pfitzner (1911: 17). — Walsingham (1915: 457). — Strand (1916: 25). — Le Cerf (1919: 469). — Andrade (1928: 451). — Lima (1936: 282). — Pfitzner (1938: 1298). — Neave (1940: 701). — Tindale (1941: 45). — Paclt (1944: 143). — Bourgogne (1949: 69); syn.: *Trichophassus* Le Cerf, 1919. — Viette (1950c: 60); ♀ (1951d: 78). — Paclt (1953: 143). — Schröder (1967: 342). — Silva et al. (1968: 202). — Tindale (1981: 966). — Nielsen & Robinson (1983: 18). — Mallet (1984: 76). — Robinson & Nielsen (1984: 16). — Grehan (1989: 805). — Nye & Fletcher (1991: 234). — Kristensen (1998: 62). — Nielsen et al. (2000: 841). — Simonsen (2002: 65). — Grehan & Rawlins (2003: 733; fig. 1 (larva), figs. 2–8

(chaetotaxy)). — Arguedas (2007: 48, 58). — Ramos-Elorduy & Viejo (2007: 80). — CENGICAÑA (2008: 37). — Grehan (2010: 46). — Ramos-Elorduy, Moreno, Vásquez, Landero, Oliva-Rivera, & Camacho (2011: 4). — Mielke & Grehan (2012: 143). — Gómez & Junghans (2014: 19). — Sandoval & Nishida (2015: 46). — Grehan & Rawlins (2016: 47).

*Phassus [sic]*: Monte (1934: 211). — Ramos-Elorduy, Pino & Morales (2002: 20).

#### *Phassus aurigenus* Pfitzner, 1914

Pfitzner (1914: 110); single specimen [= holotype], Costa Rica, Orosi, 1200 m; coll. Pfitzner; [SMFL]; ♂ (1938: 1299; pl. 99h ([♂] dorsal)). — Viette (1951e: 1282). — Schröder (1967: 342); holotype ♂, SMFT 47, GP Viette no. 2357. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144).

#### *Phassus basirei* Schaus, 1890

Schaus (1890: 46); two ♀♀, [Mexico], Coatepec; [GP P. Viette no. 91526, type no. 18788]; USNM. — Kirby (1892: 890). — Druce (1898: 451). — Wagner & Pfitzner (1911: 17). — Pfitzner (1938: 1300). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

#### *Phassus championi* Druce, 1887

Druce (1887: 233; pl. 24, fig. 11 ([♀] dorsal)); single specimen [= holotype], Guatemala, Purula, 4000 feet, Champion leg.; NHMUK. — Kirby (1892: 890). — Wagner & Pfitzner (1911: 17). — Pfitzner (1938: 1300; pl. 185d ([♀] dorsal)). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144).

#### *Phassus chrysodidyma* Dyar, 1915

Dyar (1915a: 85); [holo-]type ♂ [recte ♀], Mexico, Zacualpan, VI. 1914, R. Müller [leg.]; [GP Viette no. 91524], type no. 19334; USNM. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144). — Grehan (2012: 22; fig. (venation)). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

#### *Phassus exclamationis* Pfitzner, 1938

Pfitzner (1938: 1299); no data. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144).

#### *Phassus huebneri* (Geyer, [1838])

*Pharmacis huebneri* Geyer ([1838]: 53; pl. [53], figs. 1–2 ([dorsal, ventral])).

= *Phassus argentiferus* Walker (1856: 1566); Mexico; coll. Hartweg; NHMUK. — Gerstaecker (1857: 425). — Druce (1887: 233); ♂ (1892: 279). — Kirby (1892: 890). — Druce (1898: 451). — Barrett (1900: 235). — Snodgrass (1909: 565; figs. 149–152 (thorax), 202–203 (axilar sclerites)). — Wagner & Pfitzner (1911: 17). — Künneth (1914: 77). — Walsingham (1915: 457); as synonym of *Phassus huebneri* (Geyer, [1838]). — Pfitzner (1938: 1300). — Tindale (1941: 45; pl. 7, fig. 73 (dorsal)). — Viette (1950c: 61; fig. 4 (♂ gen.)). — Krauss (1962: 135). — Nielsen & Robinson (1983: 18); as synonym of *Phassus huebneri* (Geyer, [1838]). — Robinson & Nielsen (1984: 16); as synonym of *Phassus huebneri* (Geyer, [1838]). — Nielsen et al. (2000: 841); as synonym of *Phassus huebneri* (Geyer, [1838]). — Day et al. (2003: 74). — Mielke & Grehan (2012: 144); as synonym of *Phassus huebneri* (Geyer, [1838]).

*Phassus huebneri*: Druce (1887: 233). — Hampson ([1893]: 318). — Walsingham (1915: 457); syn.: *Phassus argentiferus* Walker, 1856. — Shepard (1930: 239, 241, 242, 243, 255; pl. 1, fig. 6 (thorax)). — Nielsen & Robinson (1983: 18); syn.: *Phassus argentiferus* Walker, 1856, *Phassus pedipogon* Strand, 1916. — Robinson & Nielsen (1984: 16); syn.: *Phassus argentiferus* Walker, 1856, *Phassus pedipogon* Strand, 1916. — Nielsen et al. (2000: 841); syn.: *Phassus argentiferus* Walker, 1856, *Phassus pedipogon* Strand, 1916. — Mielke & Grehan (2012: 144); syn.: *Phassus argentiferus* Walker, 1856, *Phassus pedipogon* Strand, 1916. — Grehan (2012: 22; fig. (venation)). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

= *Phassus pedipogon* Strand (1916: 25; pl. 15, fig. 6 ([♀] dorsal)); single specimen [= holotype ♀], Costa Rica; coll. Niepelt; [NHMUK]. — Strand (1927: 42). — Pfitzner (1938: 1299). — Nielsen & Robinson (1983: 18); as synonym of *Phassus huebneri* (Geyer, [1838]). — Robinson & Nielsen (1984: 16); as synonym of *Phassus huebneri* (Geyer, [1838]). — Nielsen et al. (2000: 841); as synonym of *Phassus huebneri* (Geyer, [1838]). — Mielke & Grehan (2012: 144); as synonym of *Phassus huebneri* (Geyer, [1838]).

*Phassus triangularis* f. *huebneri*: Pfitzner (1938: 1299; pl. 100c (dorsal)).

*Phassus heubneri* [sic]: — Grehan (2012: 29; fig. (sternum II)).

#### *Phassus marcius* Druce, 1892

Druce (1892: 278); Mexico, near Durango City, Becker [leg.]; [NHMUK]. — Kirby (1892: 890). — Bertkau (1893: 190). — Druce (1898: 451; pl. 89, fig. 4 (dorsal)). — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1300; pl. 100a (dorsal)). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

#### *Phassus n-signatus* Weymer, 1907

Weymer (1907: 37); single ♀ [= holotype], Guatemala; coll. Wernicke. — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1300). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144).

*Phassus triangularis* [misidentification]: Pfitzner (1938; pl. 100a ([♀] dorsal)).

### *Phassus phalerus* Druce, 1887

Druce (1887: 233; pl. 24, fig. 8 (♂ dorsal)); single ♂ [= holotype], Mexico, [Vera Cruz], Jalapa, Hoge [leg.]; [NHMUK]. — Kirby (1892: 890). — Druce (1898: 451). — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1300; pl. 185f ([♂] dorsal)). — Nielsen & Robinson (1983: 18). — Mallet (1984: 77). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — CENGICANA (2007: 57). — Mielke & Grehan (2012: 144). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

### *Phassus pharus* (Druce, 1887)

*Hepialus pharus* Druce (1887: 232; pl. 24, fig. 12 (♂ dorsal)); Guatemala, Las Mercedes, 3000 feet, and Dueñas, Champion [leg.]; Costa Rica, Irazu, 6000–7000 feet, Rogers [leg.]; [NHMUK]. — Kirby (1892: 884). — Wagner & Pfitzner (1911: 9). — Williams (1935: 292; figs. 1.1 (dorsal), 1.2 (egg), 1.3 (larva), 1.4–5 (pupa), 1.6 (resting), 1.7 (♂ hindleg), 2–3 (behaviour)).

*Hepialus (Hepialus) pharus*: Pfitzner (1937: 1291).

*Phassus pharus*: Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144). — Grehan (2012: 22, 29 (venation, sternum II)).

### *Phassus rosulentus* Weymer, 1907

Weymer (1907: 35); single ♂ [= holotype], Mexico, [Vera Cruz], Jalapa; coll. Ficke. — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1299). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 144). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

### *Phassus triangularis* Edwards, 1885

Edwards (1885: 129); Mexico, [Vera Cruz], Jalapa, W. Schaus leg. — Druce (1887: 233). — Schaus (1888: 64). — Kirby (1892: 890). — Packard (1895: 74; fig. 34 (pupa)). — Druce (1898: 451; pl. 89, fig. 1 ([♀] dorsal)). — Barrett (1900: 235). — Headlee (1907: 285; pl. 60, fig. 9 (hindwing [error])). — Snodgrass (1909: 565; figs. 153–154 (thorax)). — Wagner & Pfitzner (1911: 19). — Dyar (1917: 132). — Pfitzner (1938: 1299). — Nielsen & Robinson (1983: 18); syn.: *Phassus triangularides* (Pfitzner, 1938). — Robinson & Nielsen (1984: 16); syn.: *Phassus triangularides* (Pfitzner, 1938). — Hilje et al. (1992a: 152). — Nielsen et al. (2000: 841); syn.: *Phassus triangularides* (Pfitzner, 1938). — Arguedas & Espinoza (2007: 3); fig. 7 (larva). — Arguedas (2007: 5, 57). — Grehan (2010: 62; fig. U, appendix). — Jiménez, Melo, Santos, Jiménez & Noguera H. (2011: 91). — Ramos-Elorduy, Moreno, Vásquez, Landero, Oliva-Rivera, & Camacho (2011: 4). — Mielke & Grehan (2012: 144); syn.: *Phassus triangularides* (Pfitzner, 1938). — Grehan (2012: 29 (sternum II)). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

= *Phassus triangularis* f. *triangularides* Pfitzner (1938: 1299; pl. 100c ([♀] dorsal)); Mexico.

= *Phassus* [sic] *triangularis*: Ramos-Elorduy, Pino & Cuevas (1998: 77). — Ramos-Elorduy & Pino (2001: 70). — Ramos-Elorduy, Landero-Torres, Murguía-González & Pino (2008: 307). — Escamilla-Prado, Escamilla-Femat, Gómez-Utrilla, Tuxtla, Ramos-Elorduy & Pino (2012: S102).

*Phassus triangularides*: Nielsen & Robinson (1983: 18); as synonym of *Phassus triangularis* Edwards, 1885. — Robinson & Nielsen (1984: 16); as synonym of *Phassus triangularis* Edwards, 1885. — Nielsen et al. (2000: 841); as synonym of *Phassus triangularis* Edwards, 1885. — Mielke & Grehan (2012: 144); as synonym of *Phassus triangularis* Edwards, 1885.

### *Phassus violetteae* C. Mielke & Grehan, 2015

Mielke & Grehan (2015b: 117; figs. 4a–b (holotype ♂ dorsal/ventral), 5a–b (paratype ♂), 6a–b (paratype ♀), 7 (paratype ♀), 18 (paratype ♂ tergosternal bar), 19 (paratype ♂ abdominal segments), 20 (paratype ♀ abdominal segments), 20 (“21”, holotype ♂ genitalia), 20 (“22”, paratype ♀ genitalia), 23 (geographical distribution); holotype ♀ with the following labels (separated by forward slashes): /Holotypus, *Phassus violetteae* C. Mielke & Grehan det. 2015/ Costa Rica - Cartago, Tapantí, 1.600 m, 21.IV.2012, Camposeco & Monzón leg./ CGCM 25.436; INBIO.

### *Phialuse* Viette, 1961

**Type-species:** *Phialuse palmar* Viette, 1961, by original designation; monotypic.

Viette (1961: 4). — Edwards & Vevers (1975: 258). — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 235). — Nielsen et al. (2000: 843). — Grehan (2010: 50). — Mielke & Grehan (2012: 145).

### *Phialuse palmar* Viette, 1961

Viette (1961: 4; fig. 5 (♂ gen.)); holotype ♂, Bolivia, [Cochabamba], Yungas del Palmar, 1500 m, 22. VII. 1952, R. Zischka leg.; GP P. Viette no. 3785; ZSBS. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 843). — Mielke & Grehan (2012: 145).

### *Philoenia* Kirby, 1892

**Type-species:** *Pharmacis lagopus* Moschler, 1877, by original designation; monotypic.

Kirby (1892: 885). — Neave (1940: 711). — Paclt (1944: 143); ♀ (1953: 145); as synonym of *Aepytyus* Herrich-Schäffer, [1856]. — Nye & Fletcher (1991: 236). *Philaenia* [sic]: Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1293). — Viette (1951b: 116); ♀ (1951d: 78). — Schröder (1967: 340). — Nye & Fletcher (1991: 235). — Mielke & Grehan (2012: 145).

*Aepytyus (Philaenia) [sic]*: Viette (1951a: 1). — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia)*: Nielsen et al. (2000: 843). — Grehan (2010: 49).

#### *Philoenia brasiliensis* Viette, 1952

*Philaenia [sic] brasiliensis* Viette (1952a: 143; fig. 6 (saccus)); holotype ♂, Brazil, [Rio de Janeiro], Petropolis, 31. III. 1913, J. G. Foetterle leg; GP P. Viette no. 2259; NHMW.

*Aepytyus (Philaenia) [sic] brasiliensis*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia) brasiliensis*: Nielsen et al. (2000: 843).

*Philoenia brasiliensis*: Mielke & Grehan (2012: 145).

#### *Philoenia fasslii* (Pfitzner, 1914)

*Dalaca fasslii* Pfitzner (1914: 106); 2 ♂♂, 1 ♀, Colombia, Sosomoco, 800 m, [III. 1910], and Villavicencio, 450 m, [IV.1910], Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Pfitzner (1937: 1296; pl. 99f ([♂, ♀] dorsal)).

*Philaenia [sic] fasslii*: Viette (1951b: 118; fig. 4 (lectotype ♂ gen.)); lectotype ♂, gen prep. Viette nr. 1395; ♂ (1951e: 1276); ♂ (1952a: 143). — Schröder (1967: 340); lectotype ♂, III. 1910, SMFT 93.

*Aepytyus (Philaenia) [sic] fasslii*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia) fasslii*: Nielsen et al. (2000: 843).

*Philoenia fasslii*: Mielke & Grehan (2012: 145).

#### *Philoenia guyanensis* (Viette, 1951)

*Aepytyus (Philaenia) [sic] guyanensis* Viette (1951a: 3); [holo-] type ♂, French Guyana; coll. C. Bar, in coll. C. Oberthür, coll. R. Biedermann; GP P. Viette no. 1346; MNHN. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Philaenia [sic] guyanensis*: Viette (1952a: 143).

*Cibyra (Philoenia) guyanensis*: Nielsen et al. (2000: 843).

*Philoenia guyanensis*: Mielke & Grehan (2012: 145).

#### *Philoenia indicata* (Strand, 1912)

*Dalaca indicata* Strand (1912b: 100); [holo-]type ♂, Ecuador, Macas, [1905–06]; coll. W. Niepelt; [GP P. Viette no. 2025]; [NHMUK]. — Strand (1914: 59; pl. 11, fig. 13 (♂ dorsal)). — Strand (1927: 42). — Pfitzner (1937: 1294). — Zukowski (1954: 93).

*Aepytyus (Philaenia) [sic] indicata*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia) indicata*: Nielsen et al. (2000: 843).

*Philoenia indicata*: Mielke & Grehan (2012: 145).

#### *Philoenia lagopus* (Möschler, 1877)

*Pharmacis lagopus* Möschler (1877: 670; pl. 9, fig. 34 ([♂] dorsal)); 2 ♂♂, Inner Surinam; [ZMHB].

*Philoenia lagopus*: Kirby (1892: 885). — Mielke & Grehan (2012: 145).

*Philaenia [sic] lagopus*: Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1293; pl. 99c ([♂] dorsal)). — Viette (1952a: 143). — Biezanko (1961a: 8 [misidentification, unknown species]).

*Aepytyus (Philaenia) [sic] lagopus*: Viette (1951a: 3; fig. 1 (♂ gen.)). — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia) lagopus*: Nielsen et al. (2000: 843).

#### *Philoenia saguanmachica* (Pfitzner, 1914)

*Dalaca saguanmachica* Pfitzner (1914: 110); East Colombia, Buenavista, 1200 m, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Pfitzner (1937: 1296; pl. 99g ([♂] dorsal)).

*Philaenia [sic] saguanmachica*: Viette (1951b: 118; fig. 6 (♂ gen. [lectotype])); lectotype ♂; GP P. Viette no. 2101; ♂ (1952a: 143). — Schröder (1967: 341); lectotype ♂, SMFT 1011.

*Aepytyus (Philaenia) [sic] saguanmachica*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Philoenia) saguanmachica*: Nielsen et al. (2000: 843).

*Philoenia saguanmachica*: Mielke & Grehan (2012: 145).

#### *Philoenia thisbe* (Druce, 1901)

*Dalaca thisbe* Druce (1901: 437); Colombia, Don Amo; coll. Druce; [NHMUK]. — Pfitzner (1937: 1296).

= *Dalaca thisbe* f. *hemichrysea* Pfitzner (1937: 1296; pl. 99g ([♂ dorsal]); East Colombia, Sosomoco, 800 m, Fassl [leg.]; [SMFL]. — Mielke & Grehan (2012: 145); as synonym of *Philoenia thisbe* (Druce, 1901).

*Dalaca hemichrysea*: Schröder (1967: 339); III. 1911, Fassl leg.; “holotype” [recte lectotype] ♂, SMFT 91, GP Viette no. 2352.

*Aepytus (Philaenia) [sic] thisbe*: Nielsen & Robinson (1983: 20); syn.: *Aepytus (Philaenia) [sic] hemichrysea* (Pfitzner, 1937). — Robinson & Nielsen (1984: 17); syn.: *Aepytus (Philaenia) [sic] hemichrysea* (Pfitzner, 1937).

*Aepytus (Philaenia) [sic] hemichrysea*: Nielsen & Robinson (1983: 20); as synonym of *Aepytus (Philaenia) [sic] thisbe* (Druce, 1901). — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Philaenia) [sic] thisbe* (Druce, 1901).

*Cibyra (Philoenia) thisbe*: Nielsen et al. (2000: 843), syn.: *Cibyra (Philoenia) hemichrysea* (Pfitzner, 1937).

*Cibyra (Philoenia) hemichrysea*: Nielsen et al. (2000: 843); as synonym of *Cibyra (Philoenia) thisbe* (Druce, 1901).

*Philoenia thisbe*: Mielke & Grehan (2012: 145); syn.: *Philoenia hemichrysea* (Pfitzner, 1937).

## *Pseudodalaca* Viette, 1950

**Type-species:** *Dalaca sarta* Schaus, 1894, by original designation.

*Aepytus (Pseudodalaca)* Viette (1950a: 74); included species: *sarta* (Schaus, 1894), *gugelmanni* Viette, 1950.

Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17).

*Pseudodalaca*: Viette (1951c: 95); type-species *Pseudodalaca gugelmanni* Viette, 1950, by subsequent designation [incorrect designation]. — Viette (1951b: 116); ♀ (1951d: 78). — Paclt (1953: 145); as synonym of *Aepytus* Herrich-Schäffer, [1856]. — Edwards & Hopwood (1966: 244). — Nye & Fletcher (1991: 257). — Mielke & Grehan (2012: 145). — Grehan (2012: 13).

*Cibyra (Pseudodalaca)*: Nielsen et al. (2000: 842). — Grehan (2010: 49).

### *Pseudodalaca gugelmanni* (Viette, 1950)

*Aepytus (Pseudodalaca) gugelmanni* Viette (1950a: 78; fig. 6 (♂ gen.)); [holo-]type ♂, Mexico, [Vera Cruz], Misantla, W. Gugelmann [leg.], IV.–V. 1912; ex coll. Oberthür, coll. R. Biedermann; GP P. Viette no. 918; MNHN. — Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Pseudodalaca gugelmanni*: Viette (1951c: 95); ♀ (1951e: 1277). — Mielke & Grehan (2012: 146). — Grehan (2012: 7, 22, 27; figs. (antennae, sternum II)).

*Cibyra (Pseudodalaca) gugelmanni*: Nielsen et al. (2000: 842). — Grehan (2010: 53; fig. j, appendix).

*Pseudodalaca gugelmanni* [sic]: — Grehan (2012: 22, 27; fig. (venation)).

### *Pseudodalaca mexicanensis* Viette, 1953

Viette (1953a: 20; fig. 1 (holotype ♂ gen.)); holotype ♂, [Mexico], [Vera Cruz], Jalapa; coll. C. Oberthür, coll. R. Biedermann; GP P. Viette no. 920; MNHN; ♀ (1950a: 78; fig. 5 (♂ gen., as *Aepytus (Pseudodalaca) sarta* (Schaus, 1894))). — Mielke & Grehan (2012: 146).

*Aepytus (Pseudodalaca) mexicanensis*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Pseudodalaca) mexicanensis*: Nielsen et al. (2000: 842).

### *Pseudodalaca sarta* (Schaus, 1894)

*Dalaca sarta* Schaus (1894: 236); ♂, Mexico, [Vera Cruz], Jalapa; [GP P. Viette 91514, type no. 18601]; USNM. — Druce (1898: 450; pl. 89, fig. 2 [syn-]type ♂ dorsal). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1294).

*Aepytus (Pseudodalaca) sarta*: Viette (1950a: 78; fig. 5 (♂ gen. [error, *P. mexicanensis* Viette, 1953])). — Rojas & Chacon (1980: 63). — Aguiar-Menezes et al. (2002: 377). — Vergara (2005: 98; figs. 15 (biology), 16 (♂ dorsal)).

*Hampsoniella sarta*: Viette (1951c: 95; fig. 1 ([syn-]type ♂ gen.)).

*Aepytus (Hampsoniella) sarta*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Hampsoniella) sarta*: Nielsen et al. (2000: 841).

*Pseudodalaca sarta*: Mielke & Grehan (2012: 146). — Grehan (2012: 6; fig. (pseudotegumen)).

## *Pseudophassus* Pfitzner, 1914

**Type-species:** *Pseudophassus mahagoniatus* Pfitzner, 1914, by subsequent designation by Viette (1961: 6).

*Pseudophassus* Pfitzner (1914: 110); included species: *songoensis* Pfitzner, 1914, *mahagoniatus* Pfitzner, 1914. Viette (1961: 6); syn.: *Parana* Viette, 1951. — Schröder (1967: 342). — Nye & Fletcher (1991: 258). — Mielke & Grehan (2012: 146); syn: *Aepytus (Parana)* (Viette, 1950). — Grehan (2012: 13).

*Pseudophassus* Weymer [ms.]: Pfitzner (1938: 1301). — Viette (1950d: 165); type-species: *Hepialus prosopus* Druce, 1901, by subsequent designation [incorrect designation]. — Paclt (1953: 145); syn.: *Druceiella* Viette, 1949. — Zukowski (1954: 94). — Edwards & Hopwood (1966: 247). — Nielsen & Robinson (1983: 18); as synonym of *Pfitzneriana* Viette, 1952; **praecoc.**: Pfitzner, 1914 [Hepialidae].

*Phassus (Pseudophassus)*: Paclt (1944: 143).

= *Aepytus (Parana)* Viette (1950a: 75); type-species: *Aepytus (Parana) philiponi* Viette, 1950, by original designation. — Nielsen & Robinson (1983: 20); as synonym of *Aepytus (Tricladia)* C. & R. Felder, 1874. — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Tricladia)* C. & R. Felder, 1874. — Mielke & Grehan (2012: 146); as synonym of *Pseudophassus* Pfitzner (1914).

*Parana*: Viette (1951b: 116). — Paclt (1953: 145); as synonym of *Aepytus* Herrich-Schäffer, [1856]. — Viette (1961: 6); as synonym of *Pseudophassus* Pfitzner, 1914. — Edwards & Hopwood (1966: 211). — Nye & Fletcher (1991: 223); **praecoc.**: *Parana* Nixon, 1943 [Hymenoptera]; ♀ (1951d: 78).

*Aepytus (Pseudophassus)*: Nielsen & Robinson (1983: 18, 20); as synonym of *Aepytus (Tricladia)* C. & R. Felder, 1874. — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Tricladia)* C. & R. Felder, 1874.

*Cibyra (Pseudophassus)*: Nielsen et al. (2000: 843); as synonym of *Cibyra (Tricladia)* C. & R. Felder, 1874.

*Cibyra (Parana)*: Nielsen et al. (2000: 843); as synonym of *Cibyra (Tricladia)* C. & R. Felder, 1874.

### *Pseudophassus mahagoniatus* Pfitzner, 1914

Pfitzner (1914: 110); [Bolivia], Rio Songo, 1912, Fassl [leg.]; coll. Pfitzner; [SMFL]; ♀ (1938: 1301; pl. 99h ([σ] dorsal)). — Schröder (1967: 342); lectotype ♂, SMFT 49; GP Viette no. 2356. — Mielke & Grehan (2012: 146). — Grehan (2012: 6, 7, 8, 22, 27; figs. (valva, pseudotegumen, male genitalia, sternum II and VIII, venation)).

*Parana mahagoniatus*: Viette (1951e: 1277).

*Aepytus (Tricladia) mahagoniatus*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Tricladia) mahagoniatus*: Nielsen et al. (2000: 843). — Grehan (2010: 54; fig. m, appendix).

### *Pseudophassus philiponi* (Viette, 1950)

*Aepytus (Parana) philiponi* Viette (1950a: 80; fig. 7 (♂ gen.)); [holo-]type ♂, Brazil, Para [recte Para], 1927, Comte R. Philipon [leg.]; GP P. Viette no. 1360; MNHN.

*Parana philiponi*: Viette (1951e: 1277).

*Aepytus (Tricladia) philiponi*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Tricladia) philiponi*: Nielsen et al. (2000: 843).

*Pseudophassus philiponi*: Mielke & Grehan (2012: 146)

### *Pseudophilaenia* Viette, 1951

**Type-species**: *Philaenia [sic] lagopus* f. *omagua* Pfitzner, 1937, by original designation; monotypic.

Viette (1951b: 116). — Paclt (1953: 145); as synonym of *Aepytus* Herrich-Schäffer, [1856]. — Edwards & Hopwood (1966: 247). — Schröder (1967: 341). — Nye & Fletcher (1991: 258). — Mielke & Grehan (2012: 146). — Grehan (2012: 13).

*Aepytus (Pseudophilaenia)*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Pseudophilaenia)*: Nielsen et al. (2000: 843). — Grehan (2010: 44).

### *Pseudophilaenia omagua* (Pfitzner, 1937)

*Philaenia [sic] lagopus* f. *omagua* Pfitzner (1937: 1293); [Brazil, Amazonas], Upper Rio Negro and [Peru, Loreto], Amazons (Pebas); [SMFL].

*Pseudophilaenia omagua*: Viette (1951b: 117; figs. [♂ lectotype]: 1 (tergite VIII), 2 (gen.), 3 (sternite VIII)); lectotype ♂, GP Viette nr. 1393; coll. Pfitzner; ♀ (1951e: 1276). — Schröder (1967: 341); lectotype ♂, SMFT 1029. — Mielke & Grehan (2012: 146). — Grehan (2012: 23, 27; figs. (venation [near *omagua*], sternum II)).

*Aepytus (Pseudophilaenia) omagua*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Pseudophilaenia) omagua*: Nielsen et al. (2000: 843). — Grehan (2010: 53; fig. i, appendix).

### *Puermytrans* Viette, 1951

**Type-species**: *Puermytrans chiliensis* Viette, 1951, by original designation; monotypic.

Viette (1951e: 1273). — Paclt (1953: 143); ♀ (1957: 51). — Edwards & Hopwood (1966: 251). — Nielsen & Robinson (1983: 17, 95). — Robinson & Nielsen (1984: 16). — Nye & Fletcher (1991: 263). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan & Rawlins (2003: 734). — Grehan (2010: 50). — Mielke & Grehan (2012: 147). — Grehan & Rawlins (2016: 52).

### *Puermytrans chiliensis* Viette, 1951

Viette (1951e: 1274; fig. 1 (♂ gen.)); holotype ♂, Chile, Walker; coll. H. Druce; GP P. Viette 2294; NHMUK. — Nielsen & Robinson (1983: 17, 98; figs. 58 (prelabium, labial palpus), 59 (venation), 60–63 (wing scent organ), 64–65 (hind leg, abdomen), 198–199 (♂ dorsal), 200–201 (♀ dorsal), 246 (♂ antennae flagellum), 247 (♀ antennae flagellum), 273 (♂ foretibia), 327–328 (♂ gen.), 357–358 (♀ gen.), 382 (bursa copulatrix), 410 (flight period), 429 (distribution)). — Mallet (1984: 77). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan (2010: 63; fig. Z, appendix). — Mielke & Grehan (2012: 147). — Grehan (2012: 22, 27; figs. (venation, sternum II)). — Grehan & Rawlins (2016: 56; fig. 13a-b (♂ genitalia)).

## *Roseala* Viette, 1950

**Type-species:** *Roseala bourgognei* Viette, 1950, by original designation; monotypic.

Viette (1950c: 53); ♀ (1951d: 79). — Paclt (1953: 145); syn.: *Thiastyx* Viette, 1951, *Xytrops* Viette, 1951 [see under *Cibyra* Walker, 1856]. — Edwards & Hopwood (1966: 261). — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 269). — Nielsen et al. (2000: 843). — Mielke & Grehan (2012: 147); syn.: *Thiastyx* Viette, 1951. — Grehan (2012: 13).

= *Thiastyx* Viette (1951e: 1275); type-species: *Thiastyx catharinae* Viette, 1951 by original designation. — Paclt (1953: 145); as synonym of *Roseala* Viette, 1950. — Edwards & Hopwood (1966: 293). — Nye & Fletcher (1991: 303). — Mielke & Grehan (2012: 147); as synonym of *Roseala* Viette, 1950.

*Aepytus* (*Thiastyx*): Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Thiastyx*): Nielsen et al. (2000: 842). — Grehan (2010: 49); as a synonym of *Cibyra* (*Roseala*) Viette, 1950.

*Cibyra* (*Roseala*): Grehan (2010: 50); syn.: *Cibyra* (*Thiastyx*) Viette, 1951

## *Roseala tessellatus* (Herrich-Schäffer, [1854])

*Epialus* [*sic*] *tessellatus* Herrich-Schäffer ([1854] (Boisduval *in litt.*); cover, [pl. 31], fig. 147 ([♀ dorsal])); Nov. Holl.; [MNHN]; ♀ ([IX. 1856]: 5; fig. 147; ♀ ([1858]: 57, 79; fig. 147; Port Natal [Durban, South Africa — error])).

= *Phassus agrionides* Walker (1856: 1567); Brazil; coll. Becker; NHMUK. — Kirby (1892: 890). — Wagner & Pfitzner (1911: 17). — Pfitzner (1938: 1299). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 147); as synonym of *Roseala tessellatus* (Herrich-Schäffer, [1854])

*Phassus tessellatus*: Walker ([v.] 1856: 1568). — Kirby (1892: 890). — Wagner & Pfitzner (1911: 19). — Janse (1917: 219). — Le Cerf (1919: 470). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16).

= *Roseala bourgognei* Viette (1950c: 54; fig. 3 (♂ gen.)); [holo-] type ♂, Brazil, Petropolis, 18. IV. [19]07, J. G. Foetterle [leg.]; GP P. Viette no. 1363; NHMW. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 843). — Mielke & Grehan (2012: 147); as synonym of *Roseala tessellatus* (Herrich-Schäffer, [1854]).

= *Thiastyx catharinae* Viette (1951e: 1276; fig. 3 (♂ gen.)); holotype ♂, Brazil, Santa Catarina, Nova Bremen [Dalbergia], Rio Laeiss [*recte* Rio Lais], IV. 1936, F. H. Hoffmann [leg.]; GP P. Viette no. 2370; ex coll. Tring Museum; NHMUK. — Mielke & Grehan (2012: 147); as synonym of *Roseala tessellatus* (Herrich-Schäffer, [1854]).

*Aepytus* (*Thiastyx*) *catharinae*: Nielsen & Robinson (1983: 19, 44). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Thiastyx*) *catharinae*: Nielsen et al. (2000: 842).

*Phassus tessellatus* [*sic*]: Nielsen et al. (2000: 841).

*Cibyra* (*Roseala*) *catharinae*: Grehan (2010: 53; fig. k, appendix).

*Roseala tessellatus*: Mielke & Grehan (2012: 147); syn.: *Phassus agrionides* Walker, 1856, *Roseala bourgognei* Viette, 1950, *Thiastyx catharinae* Viette, 1951; lectotype ♀ with the following labels: /holotype/ 3. *Phassus agrionides*/ 46 46/ syn. of *tessellatus* HS. new synonymy 1936 N. B. Tindale in MS/ ... Bras 1/. — Grehan (2012: 6, 27; figs. (male genitalia, sternum II)). — Favretto (2016: 72).

## *Schaefferiana* Viette, 1950

**Type-species:** *Epialus* [*sic*] *epigramma* Herrich-Schäffer, [1854], by original designation.

*Schaefferiana* Viette (1950c: 58); included species: *epigramma* (Herrich-Schäffer, [1854]), *jeanneli* Viette, 1950, *biedermanni* Viette, 1950. Viette (1951d: 79). — Paclt (1953: 143). — Edwards & Hopwood (1966: 266). — Nye & Fletcher (1991: 273). — Mielke & Grehan (2012: 147). — Grehan (2012: 13).

*Aepytus* (*Schaefferiana*): Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Schaefferiana*): Nielsen et al. (2000: 842). — Grehan (2010: 44).

## *Schaefferiana epigramma* (Herrich-Schäffer, [1854])

*Epialus* [*sic*] *epigramma* Herrich-Schäffer ([1854] (Boisduval, *in litt.*): cover; pl. [31], fig. 146 ([♂ dorsal])); [Brazil]; [MNHN]; ♀ ([1858]: 79).

*Dalaca epigramma*: Walker ([v.] 1856: 1561). — Gerstaecker (1857: 425). — Pfitzner (1937: 1293; pl. 185a ([♂ dorsal])). — Biezanko et al. (1957: 9). — Biezanko (1961a: 8); ♀ (1961b: 8). — Zikán & Zikán (1968: 103).

*Triodia epigramma*: Herrich-Schäffer ([ix. 1856]: 5; fig. 141 ([*recte* 146])); ♀ ([1858]: 56); Brazil.

*Aepytus epigramma*: Kirby (1892: 887).

*Hepialus epigramma*: Wagner & Pfitzner (1911: 4).

*Schaefferiana epigramma*: Viette (1950c: 58; fig. 9 (♂ gen.)); ♀ (1951c: 96). — Mielke & Grehan (2012: 147). — Grehan (2012: 5, 23, 27; figs. (intermediate plate, venation, sternum II)). — Favretto (2016: 72).

*Schaefferiana epigramme* [*sic*]: Viette (1950c: 58).

*Aepytus* (*Schaefferiana*) *epigramma*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Schaefferiana*) *epigramma*: Nielsen et al. (2000: 842). — Grehan (2010: 53; fig. l, appendix).

*Schaefferiana simplex* Viette, 1956

Viette (1956: 378; fig. 5 ( $\sigma$  gen.)); holotype  $\sigma$ , Brazil, Minas Gerais, San Jacintho Valley, Teophilo Ottoni [*recte* Teófilo Otoni], 1907–8, R. Birch [leg.]; GP P. Viette no. 2991; NHMUK. — Mielke & Grehan (2012: 148).

*Aepytus (Schaefferiana) simplex*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Schaefferiana) simplex*: Nielsen et al. (2000: 842).

*Schausiana* Viette, 1950

**Type-species:** *Phassus trojesa* Schaus, 1901, by original designation; monotypic.

Viette (1950a: 80);  $\diamond$  (1951d: 79). — Paclt (1953: 143). — Edwards & Hopwood (1966: 266). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nye & Fletcher (1991: 273). — Nielsen et al. (2000: 841). — Grehan (2010: 47; fig. V, appendix). — Mielke & Grehan (2012: 148). — Grehan (2012: 14). — Grehan & Rawlins (2016: 47).

*Schausiana trojesa* (Schaus, 1901)

*Phassus trojesa* Schaus (1901: 76); Mexico, Trojes; [type no. 18613]; [USNM]. — Wagner & Pfitzner (1911: 19). — Pfitzner (1938: 1300; pl. 100d dorsal). — Viette (1950b: 190).

*Schausiana trojesa*: Viette (1950a: 80; fig. 8 ( $\sigma$  gen.)). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 148). — Grehan (2012: 29; fig. (sternum II)). — López, Mariaca & Gómez (2013: 73; fig. 2 (larva)). — López de la Cruz, Gómez, Sánchez, Junghans & Martínez (2015: 76). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

*Phassus trajesa* [sic]: Ramos-Elorduy, Moreno, Vásquez, Landero, Oliva-Rivera, & Camacho (2011: 4).

*Schausiana* [sic] *trojesa*: Gómez & Junghans (2014: 18).

*Trichophassus* Le Cerf, 1919

**Type-species:** *Epiolus* [sic] *giganteus* Herrich-Schäffer, [1853], by original designation; monotypic.

Le Cerf (1919: 470). — Neave (1940: 545). — Bourgogne (1949: 69); as synonym of *Phassus* Walker, 1856. — Viette (1949b: 72);  $\diamond$  (1951d: 79). — Paclt (1953: 142). — Dumbleton (1966: 926, 927, 940, 971). — Nielsen & Robinson (1983: 18). — Mallet (1984: 77). — Robinson & Nielsen (1984: 16). — Grehan (1989: 805). — Nye & Fletcher (1991: 313). — Nielsen et al. (2000: 840). — Simonsen (2002: 65). — Grehan & Rawlins (2003: 734). — Grehan (2010: 43). — Mielke & Grehan (2012: 148). — Grehan (2012: 13).

*Trichophassus* [sic]: Grehan (1984: 52).

*Trichophassus giganteus* (Herrich-Schäffer, [1853])

*Epiolus* [sic] *giganteus* Herrich-Schäffer ([1853] (Boisduval, *in litt.*): cover; pl. 10, fig. 45 ([♀] dorsal)); “Amer. aequin.”;  $\diamond$  ([1858]: 78); [ZIRAS].

*Phassus giganteus*: Walker (1856: 1567). — Gerstaecker (1857: 425). — Kirby (1892: 890). — Wagner & Pfitzner (1911: 18). — Hoffmann (1931: 3). — Pfitzner (1938: 1301; pl. 100d ([♀] dorsal)). — Lima (1945: 12, 146; figs. 7 (thorax), 45 ([♀] dorsal), 46 (venation)). — Oiticica Filho (1947: 389; figs. 7–12 ( $\sigma$  gen.)). — Briquetot (1956: 1; figs. 1 (larva), 2 (pupae), 3 ( $\sigma$  dorsal), 4 ( $\sigma$  resting), 5 ( $\sigma$  dorsal), 6a, b (scales), 7 (venation), 8 (jugum), 9 ( $\sigma$  gen.), 13–18, 20 (biology)). — Biezanko (1961: 8). — Silva et al. (1968: 203). — Zikán & Zikán (1968: 103). — Pastrana (2004: 6).

*Epiolus* [sic] *giganteus*: Herrich-Schäffer ([1856]: 5; fig. 45);  $\diamond$  ([1858]: 57).

= *Phassus hayeki* Foetterle (1903: 649; fig. 1 ( $\sigma$  dorsal)); 3  $\sigma\sigma$ , [Brazil, Rio de Janeiro], Petropolis. — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1301; pl. 185b ([ $\sigma$ ] dorsal)).

*Trichophassus giganteus*: Le Cerf (1919: 470). — Viette (1949b: 72; figs. 1–2 (antenna), 3 ( $\sigma$  gen.)), syn.: *Trichophassus hayeki* (Foetterle, 1903). — Bourgogne (1949: 69, 76; figs. 11–12 ( $\sigma$  gen.)). — Dumbleton (1966: 925). — Nielsen & Robinson (1983: 18), syn.: *Trichophassus hayeki* (Foetterle, 1903). — Robinson & Nielsen (1984: 16), syn.: *Trichophassus hayeki* (Foetterle, 1903). — Sbordoni & Forestiero (1985: 88). — Buzzi (1994: 29, 141, 204). — Dugdale (1994: 12). — Kristensen (1998: 62). — Nielsen et al. (2000: 840), syn.: *Trichophassus hayeki* (Foetterle, 1903). — Simonsen (2002: 65). — Buzzi (2009: 71, 298, 484). — Grehan (2010: 45). — Muscat (2011: 4; figs. male). — Mielke & Grehan (2012: 148); syn.: *Phassus hayeki* Foetterle, 1903. — Grehan (2012: 5, 6, 7, 26; figs. (valva, intermediate plate, pseudotegumen, sternum II)). — Favretto (2016: 72; fig. 60 (adult)). — Nuñez (2016: 55; figs. 1 (male), 2 (female)).

*Trichophassus hayeki*: Viette (1949b: 72); as synonym of *Trichophassus giganteus* (Herrich-Schäffer, [1853]). — Nielsen & Robinson (1983: 18); as synonym of *Trichophassus giganteus* (Herrich-Schäffer, [1853]). — Robinson & Nielsen (1984: 16); as synonym of *Trichophassus giganteus* (Herrich-Schäffer, [1853]). — Nielsen et al. (2000: 840); as synonym of *Trichophassus giganteus* (Herrich-Schäffer, [1853]). — Mielke & Grehan (2012: 148); as synonym of *Trichophassus giganteus* (Herrich-Schäffer, [1853]).

*Tricladia* C. & R. Felder, 1874

**Type-species:** *Tricladia umbrifera* C. & R. Felder, 1874, by monotypy.

(*Tricladia* C. & R. Felder, 1874 is senior homonym of *Tricladia* Oberthür, 1894 [Lepidoptera, Zygaenidae] and of *Tricladia* Mercet, 1918 [Hymenoptera, Encyrtidae, Tetracneminae].)

C. & R. Felder (1874: 9). — Kirby (1892: 889). — Neave (1940: 550). — Viette (1951d: 79). — Paclt (1953: 143). — Nye & Fletcher (1991: 314). — Mielke & Grehan (2012: 148); syn.: *Lamelliformia* Viette, 1951. — Grehan (2012: 13).



= *Lamelliformia* Viette (1951e: 1274): type-species: *Dalaca prytanes* Schaus, 1892 by original designation; included species: *tupi* (Pfitzner, 1914), *prytanes* (Schaus, 1892); ♀ (1952a: 142). — Paclt (1953: 145); ♀ (1957: 51). — Edwards & Hopwood (1966: 143). — Nye & Fletcher (1991: 165). — Mielke & Grehan (2012: 148); as synonym of *Tricladia* C. & R. Felder, 1874.

*Aepytus (Lamelliformia)*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Aepytus (Tricladia)*: Nielsen & Robinson (1983: 20); syn.: *Aepytus (Pseudophassus)* Pfitzner, 1914, *Aepytus (Parana)* Viette, 1950. — Robinson & Nielsen (1984: 17); syn.: *Aepytus (Pseudophassus)* Pfitzner, 1914, *Aepytus (Parana)* Viette, 1950.

*Cibyra (Lamelliformia)*: Nielsen et al. (2000: 843). — Grehan (2010: 44).

*Cibyra (Tricladia)*: Nielsen et al. (2000: 843); syn.: *Cibyra (Pseudophassus)* Pfitzner, 1914, *Cibyra (Parana)* Viette, 1950. — Grehan (2010: 49).

*Cibyra (Lamelleformia) [sic]*: Grehan (2010: 52).

### *Tricladia prytanes* (Schaus, 1892)

*Dalaca prytanes* Schaus (1892: 329); Brazil, [Rio de Janeiro], Petrópolis, Schaus leg.; coll. Schaus; [gen. slide. P. Viette no. 91518, type no. 18608]; [USNM]. — Bertkau (1893: 190). — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295). — Zikán & Zikán (1968: 103).

*Lamelliformia prytanes*: Viette (1952a: 143; fig. 7); [syn-]type ♂, GP P. Viette no. 2242.

*Aepytus (Lamelliformia) prytanes*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Lamelliformia) prytanes*: Nielsen et al. (2000: 843).

*Cibyra (Lamelleformia) [sic] prytanes [sic]*: Grehan (2010: 52; fig. g, appendix).

*Tricladia prytanes*: Mielke & Grehan (2012: 148). — Grehan (2012: 7, 8, 24; figs. (cornutus, sternum VIII, venation)).

### *Tricladia sladeni* (Hampson, 1903)

*Dalaca sladeni* Hampson (1903: 260); [holo-]type ♂; Brazil, Mato Grosso, [Santa Anna da Chapada], Chapada, A. Robert leg.; [NHMUK]. — Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1294).

*Aepytus (Hampsoniella) sladeni*: Viette (1950a: 77; fig. 4 (♂ gen. [error, unidentified species])).

*Hampsoniella sladeni*: Viette (1951c: 95).

*Aepytus (Lamelliformia) sladeni*: Nielsen & Robinson (1983: 20); syn.: *Aepytus (Lamelliformia) tupi* (Pfitzner, 1914). — Robinson & Nielsen (1984: 17); syn.: *Aepytus (Lamelliformia) tupi* (Pfitzner, 1914).

*Cibyra (Lamelliformia) sladeni*: Nielsen et al. (2000: 843); syn.: *Cibyra (Lamelliformia) tupi* (Pfitzner, 1914).

*Tricladia sladeni*: Mielke & Grehan (2012: 149).

### *Tricladia tupi* (Pfitzner, 1914)

*Cibyra tupi* Pfitzner (1914: 105); Southern Brazil, Sao [recte São] Paulo, [Iperó], Ypanena [recte Ipanema]; coll. Seitz; [SMFL].

*Hepialus (Cibyra) tupi*: Pfitzner (1937: 1293; pl. 99c ([♂] dorsal)); single specimen in coll. Seitz.

*Lamelliformia tupi*: Viette (1951e: 1274).

*Hepialus tupi*: Schröder (1967: 338); "holotype" [recte lectotype] ♂, SMFT 79, GP Viette no. 2348. — Biezanko (1961a: 8).

*Aepytus (Lamelliformia) tupi*: Nielsen & Robinson (1983: 20); as synonym of *Aepytus (Lamelliformia) sladeni* (Hampson, 1903). — Robinson & Nielsen (1984: 17); as synonym of *Aepytus (Lamelliformia) sladeni* (Hampson, 1903).

*Cibyra (Lamelliformia) tupi*: Nielsen et al. (2000: 843); as synonym of *Cibyra (Lamelliformia) sladeni* (Hampson, 1903).

*Tricladia tupi*: Mielke & Grehan (2012: 149).

### *Tricladia umbrifera* C. & R. Felder, 1874

C. & R. Felder (1874: 9; pl. 80, fig. 2 ([♀] dorsal)); Brasilia [Brazil]. — Kirby (1892: 889). — Mielke & Grehan (2012: 149).

*Phassus umbrifera*: Wagner & Pfitzner (1911: 19). — Pfitzner (1938: 1300; pl. 185f ([♀] dorsal)).

*Aepytus (Tricladia) umbrifera*: Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra (Tricladia) umbrifera*: Nielsen et al. (2000: 843).

### *Vietteogorgopis* Özdikmen, 2007

**Type-species:** *Paragorgopis pittionii* Viette, 1952 by original designation by Viette (1952a: 140) (replacement name).

*Paragorgopis* Viette (1952a: 140): included species: *pittionii* Viette, 1952, *foetterlei* Viette, 1952, *schausi* Viette, 1952; **praEOcc.**: *Paragorgopis* Giglio-Tos, 1893 [Diptera]. Paclt (1957: 52). — Edwards & Hopwood (1966: 209). — Nye & Fletcher (1991: 221).

*Aepytus (Paragorgopis)*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis)*: Nielsen et al. (2000: 842). — Grehan (2010: 49; fig. e, appendix).

*Vietteogorgopis* Özdikmen (2007: 116); replacement name for *Paragorgopis* Viette, 1952. — Grehan (2010: 47). — Mielke & Grehan (2012: 149). — Grehan (2012: 7, 8, 13, 27; figs. (cornutus, sternum II and VIII)).

### *Vietteogorgopis absyrtus* (Schaus, 1892)

*Phassus absyrtus* Schaus (1892: 330); Brazil, [Rio de Janeiro], Petrópolis, Schaus leg.; [GP P. Viette 91517, type no. 18612], USNM. — Bertkau (1893: 190). — Wagner & Pfitzner (1911: 17). — Pfitzner (1938: 1299). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841).

*Vietteogorgopis absyrtus*: Mielke & Grehan (2012: 149); lectotype ♀ with the the following labels: /Petrópolis, Brazil/ *Phassus absyrtus* type Schaus/ type n°. 18612 USNM/ Coll. Wm. Schaus/ Genitalia slide by P. Viette USNM 91517/ Photo, det. E. S. Nielsen 1984/ Photograph on file USNM/.

### *Vietteogorgopis foetterlei* (Viette, 1952)

*Paragorgopis foetterlei* Viette (1952a: 141); holotype ♂, Brazil, Rio de Janeiro, Petrópolis, 28. VIII. 1913, J. G. Foetterle [leg.]; GP P. Viette 1351; NHMW.

*Aepytus (Paragorgopis) foetterlei*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) foetterlei*: Nielsen et al. (2000: 842).

*Vietteogorgopis foetterlei*: Özdikmen (2007: 117). — Mielke & Grehan (2012: 149)

### *Vietteogorgopis jordani* (Viette, 1956)

*Paragorgopis jordani* Viette (1956: 377; fig. 3 (♂ gen.)); holotype ♂, Brazil, Minas Gerais, Theophilo Ottoni [*recte* Teófilo Otoni], San Jacintho Valley, 1907–8, F. Birch [leg.]; GP P. Viette 2329; NHMUK.

*Aepytus (Paragorgopis) jordani*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) jordani*: Nielsen et al. (2000: 842).

*Vietteogorgopis jordani*: Özdikmen (2007: 117). — Koçak & Koçak (2008: 31). — Mielke & Grehan (2012: 149). — Grehan (2012: 24; fig. (venation)).

### *Vietteogorgopis katharinae* (Pfitzner, 1914)

*Dalaca katharinae* Pfitzner (1914: 110); [Brazil, Santa Catarina]; coll. Pfitzner; [SMFL]; ♀ (1937: 1296). — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844).

*Dalaca guarani katharinae*: Schröder (1967: 339); “holotype” [*recte* lectotype] [♂], SMFT 98; GP Viette no. 2353.

*Vietteogorgopis katharinae*: Mielke & Grehan (2012: 149). — Favretto (2016: 72).

### *Vietteogorgopis nigrovenosalis* (Viette, 1956)

*Paragorgopis nigrovenosalis* Viette (1956: 375; fig. 6 (♂ gen.)); holotype ♂, Brazil, Minas Gerais, Aqua [*recte* Água] Suja, X.1906, E. A. Baer [leg.]; GP P. Viette 2990; NHMUK.

*Aepytus (Paragorgopis) nigrovenosalis*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) nigrovenosalis*: Nielsen et al. (2000: 842).

*Vietteogorgopis nigrovenosalis*: Özdikmen (2007: 117). — Mielke & Grehan (2012: 149).

### *Vietteogorgopis pittionii* (Viette, 1952)

*Paragorgopis pittionii* Viette (1952a: 141; figs. 4 (♂ dorsal), 5 (♂ gen.)); holotype ♂, [Brazil], Rio de Janeiro, Petropolis, 14. XI.1907, J. G. Foetterle [leg.]; GP P. Viette 1350; NHMW.

*Aepytus (Paragorgopis) pittionii*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) pittionii*: Nielsen et al. (2000: 842).

*Vietteogorgopis pittionii*: Özdikmen (2007: 117). — Mielke & Grehan (2012: 149).

### *Vietteogorgopis spitzi* (Viette, 1956)

*Paragorgopis spitzi* Viette (1956: 375; fig. 2 (♂ gen.)); holotype ♂, Brazil, São Paulo, Ypiranga [*recte* Ipiranga], VIII. 1922, R. Spitz [leg.]; GP P. Viette 2297; NHMUK.

*Aepytus (Paragorgopis) spitzi*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra (Paragorgopis) spitzi*: Nielsen et al. (2000: 842).

*Vietteogorgopis spitzi*: Özdikmen (2007: 117). — Mielke & Grehan (2012: 149).

## *Viridigigas* Grehan & Rawlins, 2016

**Type-species:** *Viridigigas ciseskii* Grehan & Rawlins, 2016, by original designation; monotypic.

Grehan & Rawlins (2016: 50).

### *Viridigigas ciseskii* Grehan & Rawlins, 2016

*Viridigigas ciseskii* Grehan & Rawlins (2016: 55; figs. 1a-b (♂ paratype dorsal/ventral), 2a-b (♀ dorsal/ventral), 3a-c (♂ and ♀ head), 4 (♂ legs), 5 a-d (♂ and ♀ venation), 6 a-f (♂ wing structures), 7a-f (♂ abdomen), 7g (♀ abdomen), 8a-e (♂ genitalia), 9 (♀ genitalia), 10 (geographical distribution); holotype ♀ with the following labels: /Holotype *Viridigigas ciseskii* Grehan and Rawlins, 2016/ Male dissection Number JRG 247/ Peru: Oxapampa, 2,600 m, September 22, 2006, leg. Jose Bottger [sic]/; MUSM.

### *Yleuxas* Viette, 1951

**Type-species:** *Yleuxas bradleyi* Viette, 1951, by original designation; monotypic.

Viette (1951e: 1280). — Paclt (1953: 145); as synonym of *Aepytus* Herrich-Schäffer, [1858]. — Edwards & Hopwood (1966: 316). — Nye & Fletcher (1991: 323). — Mielke & Grehan (2012: 150).

*Aepytus* (*Yleuxas*): Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Yleuxas*): Nielsen et al. (2000: 843). — Grehan (2010: 49).

### *Yleuxas bradleyi* Viette, 1951

*Yleuxas bradleyi* Viette (1951e: 1280; fig. 4 (♂ gen.)); holotype ♂, Peru, S. Domingo, Carabaya, 6000 ft., end of wet season, IV. 1901, Ockenden [leg.]; GP P. Viette no. 2295; NHMUK. — Mielke & Grehan (2012: 150).

*Aepytus* (*Yleuxas*) *bradleyi*: Nielsen & Robinson (1983: 20); as synonym of *Aepytus* (*Yleuxas*) *brunnea* (Schaus, 1901). — Robinson & Nielsen (1984: 17); as synonym of *Aepytus* (*Yleuxas*) *brunnea* (Schaus, 1901).

*Cibyra* (*Yleuxas*) *bradleyi*: Nielsen et al. (2000: 843); as synonym of *Cibyra* (*Yleuxas*) *brunnea* Schaus, 1901.

### *Yleuxas brunnea* (Schaus, 1901)

*Cibyra brunnea* Schaus (1901: 77); Venezuela, Aroa; [GP Viette no. 91525, type no. 18609]; [USNM].

*Hepialus* (*Cibyra*) *brunnea*: Pfitzner (1937: 1293).

*Aepytus* (*Yleuxas*) *brunnea*: Nielsen & Robinson (1983: 20), syn.: *Aepytus* (*Yleuxas*) *bradleyi* (Viette, 1951). — Robinson & Nielsen (1984: 17), syn.: *Aepytus* (*Yleuxas*) *bradleyi* (Viette, 1951).

*Cibyra* (*Yleuxas*) *brunnea*: Nielsen et al. (2000: 843), syn.: *Cibyra* (*Yleuxas*) *bradleyi* (Viette, 1951).

*Yleuxas brunnea*: Mielke & Grehan (2012: 150); lectotype ♂ with the the following labels: /Aroa, Venezuela. / *Cibyra brunnea* type Schaus/ type n°. 18609 USNM/ Coll. Wm. Schaus/ Genitalia slide by P. Viette USNM 91525/ Photo, det. E. S. Nielsen 1984/.

## Taxa incertae sedis

### *Cibyra* (*Aepytus*) *petropolisensis* (Viette, 1952)

*Aepytus petropolisensis* Viette (1952a: 140; fig. 1 (♀ dorsal)); holotype ♀, Brazil, Petrópolis, 25. III. 1903, J. G. Foetterle [leg.]; specimen without abdomen; NHMW.

*Aepytus* (*Aepytus*) *petropolisensis*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Aepytus*) *petropolisensis*: Nielsen et al. (2000: 842). — Mielke & Grehan (2012: 150).

### *Cibyra* (*Gymelloxes*) *paropus* (Druce, 1890)

*Hepialus paropus* Druce (1890: 508); Ecuador, Sarayacu, Buckley [leg.]; coll. Druce; [GP P. Viette no. 2026]; [NHMUK]. — Bertkau (1891: 196). — Kirby (1892: 884). — Wagner & Pfitzner (1911: 9). — Zukowski (1954: 93).

*Hepialus* (*Hepialus*) *paropus*: Pfitzner (1937: 1291).

*Aepytus* (*Gymelloxes*) *paropus*: Nielsen & Robinson (1983: 19). — Robinson & Nielsen (1984: 17).

*Cibyra* (*Gymelloxes*) *paropus*: Nielsen et al. (2000: 842). — Mielke & Grehan (2012: 150).

### *Dalaca cocama* Pfitzner, 1914

*Dalaca* (*Triodia*) *cocama* Pfitzner (1914: 110); Peru, Huancabamba, 6400'; coll. Pfitzner; [SMFL].

*Dalaca cocama*: Pfitzner (1937: 1296). — Viette (1951e: 1282). — Zukowski (1954: 93). — Schröder (1967: 339); "holotype" [recte lectotype] [♀], SMFT 95. — Nielsen & Robinson (1983: 20), syn.: *Dalaca nannophyes* Pfitzner, 1914. — Robinson & Nielsen (1984: 17), syn.: *Dalaca nannophyes* Pfitzner, 1914. — Nielsen et al. (2000: 843), syn.: *Dalaca nannophyes* Pfitzner, 1914. — Mielke & Grehan (2012: 150); syn.: *Dalaca nannophyes* Pfitzner, 1914.

= *Dalaca* (*Triodia*) *nannophyes* Pfitzner (1914: 110); [Colombia], Sosomoco, 800 m, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19).

*Dalaca* (*Triodia*) *nannophyes*: Pfitzner (1938: 1297); single specimen [= holotype?], [Colombia], Sosomoco, 800 m, Fassl leg; **praecoc.**: Pfitzner, 1914 [Hepialidae].

*Dalaca cocama nannophyes*: Schröder (1967: 339); "holotype" [*recte* lectotype] ♂, SMFT 96, GP Viette no. 2354.

*Dalaca nannophyes*: Nielsen & Robinson (1983: 20); as synonym of *Dalaca cocama* Pfitzner, 1914. — Robinson & Nielsen (1984: 17); as synonym of *Dalaca cocama* Pfitzner, 1914. — Nielsen et al. (2000: 843); as synonym of *Dalaca cocama* Pfitzner, 1914. — Mielke & Grehan (2012: 150); as synonym of *Dalaca cocama* Pfitzner, 1914.

#### *Dalaca cuprifera* Pfitzner, 1914

*Dalaca cuprifera* Pfitzner (1914: 105); Peru; ex coll. Staudinger; [SMFL]; ♂ (1937: 1294; pl. 99f ([♀] dorsal)). — Zukowski (1954: 93). — Schröder (1967: 339); "holotype" [*recte* lectotype] [♀], SMFT 88. — Nielsen & Robinson (1983: 20). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 150).

#### *Dalaca manoa* Pfitzner, 1914

*Dalaca manoa* Pfitzner (1914: 105); single ♀ [= holotype], Ostkolumbien (East Colombia), Villavicencio, 450 m, ii. 1911, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Pfitzner (1937: 1294; pl. 99d ([♀] dorsal)). — Schröder (1967: 340); holotype ♀, SMFT 89. — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 150).

#### *Dalaca mummia* Schaus, 1892

*Dalaca mummia* Schaus (1892: 330); holotype ♀, Brazil, [Rio de Janeiro], Petropolis, Schaus leg.; coll. Schaus; [GP P. Viette no. 91520, type no. 18606]; USNM. — Bertkau (1893: 190). — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 151).

*Dalaca mummea* [sic]: Wagner & Pfitzner (1911: 14). — Pfitzner (1937: 1295).

#### *Dalaca niepelti* Pfitzner, 1914

*Dalaca niepelti* Pfitzner (1914: 59; pl. 11, figs. 14 (♂ dorsal), 15 (♀ dorsal)); Ecuador, Macas; coll. Niepelt; [NHMUK]. — Strand (1927: 42). — Pfitzner (1937: 1296). — Zukowski (1954: 94). — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 151).

#### *Dalaca usaque* Pfitzner, 1914

*Dalaca usaque* Pfitzner (1914: 105); Colombia, Muzo, 700 m, Fassl [leg.]; coll. Pfitzner; [SMFL]; ♂ (1937: 1294; pl. 99f ([♂] dorsal)). — Schröder (1967: 340); "holotype" [*recte* lectotype: Pfitzner described the taxon based on an incertain number of specimens, so a type designation creates a lectotype] ♂, SMFT 82; East Gramal near Muzo; GP Viette no. 2351. — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 151).

#### *Dalaca vibicata* Pfitzner, 1914

*Dalaca vibicata* Pfitzner (1914: 105); [Colombia], Sosomoco, Fassl [leg.]; coll. Pfitzner; [SMFL]. — Fassl (1918: 19). — Pfitzner (1937: 1294; pl. 99c ([♂] dorsal)). — Schröder (1967: 340); "holotype" [*recte* lectotype, see *usaque* Pfitzner, 1914, similar case] ♂, SMFT 86; III. 1911; GP Viette no. 2350. — Nielsen & Robinson (1983: 21). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 844). — Mielke & Grehan (2012: 151).

#### "*Hepialus* sp."

*Hepialus* sp.: Koebele (1924: 56–59, 68). — Swezey (1925: 376). — Gara & Onore (1989: 142; fig. 115 (larva)).

#### *Phassus costaricensis* Druce, 1887

*Phassus costaricensis* Druce (1887: 234; pl. 24, fig. 4 ([♀] dorsal)); single specimen [= holotype], Costa Rica, Van Patten [leg.]; NHMUK. — Kirby (1892: 890). — Wagner & Pfitzner (1911: 17). — Pfitzner (1938: 1300; pl. 185c ([♀] dorsal)). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 151).

*Dalaca costaricensis*: Forbes (1942: 406); as synonym of *Dalaca assa* Druce, 1887.

#### *Phassus eldorado* Pfitzner, 1906

Pfitzner (1906: 276); single ♂ [= holotype], Venezuela, Merida; coll. Pfitzner; [SMFL]. — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1298; pl. 99g ([♂] dorsal)). — Schröder (1967: 342); holotype ♂, SMFT 48; GP Viette no. 2355. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 151).

#### *Phassus guianensis* Schaus, 1940

Schaus (1940: 83, 88); [holo-]type [♂], British Guiana, Kartabo; type no. 34749; USNM. — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 151). — Grehan (2012: 5, 6, 11, 13; figs. (intermediate plate, male genitalia, pseudotegumen)).

*Phassus guienensis* [sic]: Grehan (2012: 4).

#### *Phassus pretiosus* (Herrich-Schäffer, [1856])

*Epialus* [sic] *pretiosus* Herrich-Schäffer ([1856]: cover; pl. 88, fig. 505 ([♂] dorsal)); Brazil; ♀ ([1856]: 5; fig. 505; ♀ ([1858]: 57, 84; fig. 505), syn.: *plusia* Boisduval, in litt.

= *Epialus plusia* Herrich-Schäffer ([1856]: 57); as synonym of *Epialus* [sic] *pretiosus* Herrich-Schäffer, [1856]

*Hepialus pretiosus*: Kirby (1892: 884). — Wagner & Pfitzner (1911: 9).

*Hepialus* (*Hepialus*) *pretiosus*: Pfitzner (1937: 1291).

*Phassus pretiosus*: Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 151).

### *Phassus smithi* Druce, 1889

Druce (1889: 92); single specimen [= holotype], Mexico, Atoyac, Vera Cruz, v. 1888, H. H. Smith [leg.]; [NHMUK]. — Kirby (1892: 890). — Druce (1898: 452; pl. 89, fig. 5 ([♀] dorsal)). — Wagner & Pfitzner (1911: 18). — Pfitzner (1938: 1300; pl. 185d ([♀] dorsal)). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 16). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 151). — Gómez, Junghans, Aldaroso, & Grehan (2016: 54).

### *Phassus transversus* Walker, 1856

Walker (1856: 1567); [Brazil], Rio de Janeiro; coll. Fry [not found in Oxford University Museum, UK]. — Kirby (1892: 890). — Wagner & Pfitzner (1911: 19). — Nielsen & Robinson (1983: 18). — Robinson & Nielsen (1984: 17). — Nielsen et al. (2000: 841). — Mielke & Grehan (2012: 152).

## Checklist

### *Aepytus* Herrich-Schäffer, [1856]

<i>Aepytus biedermanni</i> (Viette, 1950) ( <i>Schaefferiana</i> )	Brazil (MG)
<i>Aepytus cataguas</i> C. Mielke & Grehan, 2015	Brazil (MG)
<i>Aepytus exclamans</i> (Herrich-Schäffer, [1854]) ( <i>Epialus</i> [sic])	Brazil
<i>Aepytus guarani</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Brazil (SC)
= <i>Aepytus jeanneli</i> (Viette, 1950) ( <i>Schaefferiana</i> )	Brazil (PR)
<i>Aepytus tupi</i> C. Mielke & Grehan, 2015	Brazil (SC)

### *Alloaepytus* Viette, 1951

<i>Alloaepytus tesselloides</i> (Schaus, 1901) ( <i>Dalaca</i> )	Paraguay
= <i>Alloaepytus coscinophora</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Brazil (MS)

### *Andeabatis* Nielsen & Robinson, 1983

<i>Andeabatis chilensis</i> (Ureta, 1951) ( <i>Xyleutes</i> )	Chile (Malleco)
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### *Aplatissa* Viette, 1953

<i>Aplatissa michaelis</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Peru [Junín]
<i>Aplatissa strangoides</i> Viette, 1953	Brazil (AM)

### *Blanchardinella* Nielsen, Robinson & Wagner, 2000

<i>Blanchardina</i> Viette, 1950; <b>praeocc.</b>	
<i>Blanchardinella</i> Nielsen et al., 2000; replacement name	
<i>Blanchardinella venosus</i> (Blanchard, 1852) ( <i>Hepialus</i> )	Chile (Coquimbo)

### *Calada* Nielsen & Robinson, 1983

<i>Calada fuegensis</i> Nielsen & Robinson, 1983	Argentina (Tierra del Fuego)
<i>Calada migueli</i> Nielsen & Robinson, 1983	Argentina (Río Negro)

### *Callipielus* Butler, 1882

= <i>Stachyocera</i> Ureta, 1957	
<i>Callipielus arenosus</i> Butler, 1882	
= <i>Hepialus antarcticus</i> Staudinger, 1899; <b>praeocc.</b>	Argentina (Tierra del Fuego)
[nec <i>Hepialus antarcticus</i> Wallengren, 1860]	
= <i>Callipielus leukogramma</i> Bryk	Argentina (Río Negro)
= <i>Callipielus chiliensis</i> Viette, 1950	Chile, Valdivia
= <i>Callipielus staudingeri</i> (Wagner, 1911) ( <i>Hepialus</i> )	
replacement name for <i>Hepialus antarcticus</i> Staudinger	
<i>Callipielus argentata</i> Ureta, 1957	Chile (Talca)
<i>Callipielus digitata</i> Robinson, 1977	Chile
= <i>Callipielus brunnescens</i> Robinson, 1977	Chile
= <i>Callipielus castilloi</i> Robinson, 1977	Chile (Cautín)
<i>Callipielus fumosa</i> Nielsen & Robinson, 1983	Chile (Ñuble)

*Callipielus gentilii* Nielsen & Robinson, 1983  
*Callipielus izquierdoi* (Ureta, 1957) (*Stachyocera*)  
*Callipielus kraehmeri* Nielsen & Robinson, 1983  
*Callipielus perforata* Nielsen & Robinson, 1983  
*Callipielus salasi* Robinson, 1977  
*Callipielus vulgaris* Nielsen & Robinson, 1983

Argentina (Neuquén)  
 Chile (Arauco)  
 Chile (Valdivia)  
 Argentina (Río Negro)  
 Chile (Cautín)  
 Argentina (Chubut)

### *Cibyra* Walker, 1856

= *Aepytus* (*Xytrops*) Viette, 1951  
*Cibyra danieli* (Viette, 1961) (*Aepytus*)  
*Cibyra dorita* Schaus, 1901  
 = *Cibyra poltrona* Schaus, 1901  
 = *Cibyra helga* (Schaus, 1929) (*Aepytus*)  
*Cibyra endyra* C. Mielke, 2015  
*Cibyra ferruginosa* Walker, 1856  
 = *Cibyra dormita* Schaus, 1901  
 = *Cibyra schausi* (Viette, 1952) (*Paragorgopis*)  
*Cibyra forsteri* (Viette, 1961)  
*Cibyra meridionalis* C. Mielke & Casagrande, 2013  
*Cibyra monoargenteus* (Viette, 1951) (*Aepytus*)  
*Cibyra munona* (Schaus, 1929) (*Aepytus*)  
*Cibyra ochracea* C. Mielke, 2014  
*Cibyra oreas* (Schaus, 1892) (*Dalaca*)  
*Cibyra pluriargenteus* (Viette, 1956) (*Xytrops*)  
*Cibyra stigmatica* (Pfitzner, 1937) (*Dalaca*)  
*Cibyra tessellata* C. Mielke, 2014  
*Cibyra verresi* (Schaus, 1929) (*Aepytus*)  
*Cibyra ybyra* C. Mielke, 2015  
*Cibyra ykeyra* C. Mielke, 2015  
*Cibyra yungas* (Viette, 1961) (*Xytrops*)  
*Cibyra zischkai* (Viette, 1961) (*Aepytus*)

Argentina (Jujuy)  
 Brazil (PR)  
 Brazil (PR)  
 Brazil (SC)  
 Brazil (SP)  
 Brazil  
 Brazil (RJ)  
 Brazil (SP)  
 Bolivia (Cochabamba)  
 Brazil (SC)  
 Brazil (PR)  
 Brazil (SC)  
 Brazil (SC)  
 Brazil (RJ)  
 Brazil (SP)  
 Brazil (SC)  
 Brazil (PR)  
 Brazil (SC)  
 Brazil (SC)  
 Brazil (SC)  
 Bolivia (Cochabamba)  
 Bolivia (Cochabamba)

### *Dalaca* Walker, 1856

= *Huapina* Bryk, 1944  
 = *Maculella* Viette, 1950  
 = *Toenga* Tindale, 1954  
*Dalaca chiliensis* (Viette, 1950) (*Maculella*)  
*Dalaca crocatus* (Ureta, 1956) (*Hepialus*)  
*Dalaca laminata* Nielsen & Robinson, 1983  
*Dalaca nigricornis* Walker, 1856  
*Dalaca pallens* (Blanchard, 1852) (*Hepialus*)  
 = *Dalaca dimidiatus* (Berg, 1882) (*Aepytus*)  
 = *Dalaca hemileuca* Butler, 1882  
 = *Dalaca marmorata* Butler, 1882  
 = *Dalaca subfervens* Butler, 1882  
 = *Dalaca violacea* Butler, 1882  
 = *Dalaca noctuides* Pfitzner, 1914  
 = *Dalaca parviguttata* (Bryk, 1944) (*Huapina*)  
 = *Dalaca pseudodimiata* (Paclt, 1953) (*Lossbergiana*)  
 = *Dalaca oceanica* (Tindale, 1954) (*Toenga*)  
*Dalaca parafuscus* Nielsen, Robinson & Wagner, 2000  
 replacement name for *Hepialus fuscus* Mabilite  
 = *Hepialus fuscus* Mabilite, 1885; **praeocc.**  
 [nec *Hepialus fuscus* Haworth, 1809]  
*Dalaca patriciae* Nielsen & Robinson, 1983  
*Dalaca postvariabilis* Nielsen & Robinson, 1983  
*Dalaca quadricornis* Nielsen & Robinson, 1983  
*Dalaca variabilis* (Viette, 1950) (*Maculella*)

Chile (Valdivia)  
 Chile ([Cautín and Malleco])  
 Chile (Malleco)  
 Chile  
 Chile (Coquimbo)  
 Chile (Concepción)  
 Chile  
 Chile  
 Chile  
 Chile  
 Chile (Valdivia)  
 Argentina (Río Negro)  
 Argentina (Río Negro)  
 Cook Islands, Rarotonga [mislabelled]

[Chile, Magallanes]

Argentina (Neuquén)  
 Argentina (Neuquén)  
 Argentina (Chubut)  
 Chile (Valdivia)

### *Druceiella* Viette, 1949

*Druceiella amazonensis* Viette, 1950  
*Druceiella basirubra* (Schaus, 1901) (*Dalaca*)  
 = *Druceiella songoensis* (Pfitzner, 1914) (*Pseudophassus*)  
*Druceiella metellus* (Druce, 1890) (*Hepialus*)  
*Druceiella momus* (Druce, 1890) (*Hepialus*)  
 = *Druceiella metricus* (Pfitzner, 1938) (*Pseudophassus*)

Brazil (PA)  
 Peru  
 Bolivia [La Paz]  
 Ecuador  
 Ecuador  
 Bolivia [La Paz]

### *Gymelloxes* Viette, 1952

<i>Gymelloxos prosopus</i> (Druce, 1901) ( <i>Hepialus</i> ) = <i>Dalaca chiriquensis</i> Pfitzner, 1914 = <i>Dalaca muysca</i> Pfitzner, 1914	Colombia Panama Panama
<i>Gymelloxos terea</i> (Schaus, 1892) ( <i>Dalaca</i> )	Mexico [Veracruz]
<i>Gymelloxos trilinearis</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Colombia
<b>Hampsoniella Viette, 1950</b>	
<i>Hampsoniella assa</i> (Druce, 1887) ( <i>Dalaca</i> )	Guatemala
<i>Hampsoniella equatorialis</i> (Viette, 1950) ( <i>Aepytus</i> ( <i>Hampsoniella</i> ))	Ecuador
<b>Hepialyxodes Viette, 1951</b>	
<i>Hepialyxodes rileyi</i> Viette, 1951	Brazil (SP)
<b>Pallas C. Mielke &amp; Grehan, 2015</b>	
<i>Pallas reynaudi</i> C. Mielke & Grehan, 2015	Guatemala
<b>Parapielus Viette, 1949</b>	
= <i>Lossbergiana</i> Viette, 1951	
<i>Parapielus heimlichii</i> (Ureta, 1956) ( <i>Hepialus</i> )	Chile (Santiago)
<i>Parapielus luteicornis</i> (Berg, 1882) ( <i>Pielus</i> ) = <i>Parapielus popperi</i> (Pfitzner, 1938) ( <i>Pielus</i> )	Chile (Punta Arenas) [Chile and Argentina, Patagonia]
<i>Parapielus oberthuri</i> (Viette, 1951) ( <i>Lossbergiana</i> )	Chile (Valdivia)
<i>Parapielus reedi</i> (Ureta, 1957) ( <i>Hepialus</i> )	Chile (Osorno)
<b>Pfitzneriana Viette, 1952</b>	
<i>Pfitzneriana allura</i> Viette, 1961	Bolivia (Santa Cruz)
<i>Pfitzneriana obliquestrigata</i> (Strand, 1912) ( <i>Dalaca</i> )	Peru (Madre de Dios)
<i>Pfitzneriana olivescens</i> (Pfitzner, 1914) ( <i>Dalaca</i> ) = <i>Pfitzneriana boliviensis</i> Viette, 1961	Colombia [Cundinamarca] Bolivia [Cochabamba]
<i>Pfitzneriana vogli</i> Viette, 1952	Venezuela (Caracas)
<b>Pfitzneriella Viette, 1951</b>	
<i>Pfitzneriella lucicola</i> (Maassen, 1890) ( <i>Triodia</i> )	Ecuador
<i>Pfitzneriella monticola</i> (Maassen, 1890) ( <i>Triodia</i> )	Ecuador
<i>Pfitzneriella remota</i> (Pfitzner, 1906) ( <i>Triodia</i> )	Peru [Cusco]
<i>Pfitzneriella similis</i> (Zukowski, 1954) ( <i>Triodia</i> )	Peru
<b>Phassus Walker, 1856</b>	
<i>Phassus aurigenus</i> Pfitzner, 1914	Costa Rica
<i>Phassus basirei</i> Schaus, 1890	Mexico [Veracruz]
<i>Phassus championi</i> Druce, 1887	Guatemala
<i>Phassus chrysodidyma</i> Dyar, 1915	Mexico [Mexico]
<i>Phassus exclamationis</i> Pfitzner, 1938	?
<i>Phassus huebneri</i> (Geyer, [1838]) ( <i>Pharmacis</i> ) = <i>Phassus argentiferus</i> Walker, 1856 = <i>Phassus pedipogon</i> Strand, 1916	? Mexico Costa Rica
<i>Phassus marcius</i> Druce, 1892	Mexico (Durango)
<i>Phassus n-signatus</i> Weymer, 1907	Guatemala
<i>Phassus phalerus</i> Druce, 1887	Mexico [Veracruz]
<i>Phassus pharus</i> (Druce, 1887) ( <i>Hepialus</i> )	Guatemala
<i>Phassus rosulentus</i> Weymer, 1907	Mexico [Veracruz]
<i>Phassus triangularis</i> Edwards, 1885 = <i>Phassus triangularides</i> Pfitzner, 1938	Mexico [Veracruz] Mexico.
<i>Phassus violetteae</i> C. Mielke & Grehan, 2015	Costa Rica
<b>Phialuse Viette, 1961</b>	
<i>Phialuse palmar</i> Viette, 1961	Bolivia [Cochabamba]
<b>Philoenia Kirby, 1892</b>	
<i>Philoenia brasiliensis</i> Viette, 1952	Brazil [RJ]
<i>Philoenia fasslii</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Colombia [Cundinamarca]
<i>Philoenia guyanensis</i> (Viette, 1951) ( <i>Aepytus</i> ( <i>Phialenia</i> [sic]))	French Guiana
<i>Philoenia indicata</i> (Strand, 1912) ( <i>Dalaca</i> )	Ecuador
<i>Philoenia lagopus</i> (Möschler, 1877) ( <i>Pharmacis</i> )	Surinam
<i>Philoenia saguanmachica</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	Colombia [Quindío]
<i>Philoenia thisbe</i> (Druce, 1901) ( <i>Dalaca</i> ) = <i>Dalaca thisbe</i> f. <i>hemichrysea</i> Pfitzner, 1937	Colombia [Magdalena] Colombia [Cundinamarca]

<i>Pseudodalaca</i> Viette, 1950	
<i>Pseudodalaca gugelmanni</i> (Viette, 1950) ( <i>Aepytus</i> ( <i>Pseudodalaca</i> ))	Mexico [Vera Cruz]
<i>Pseudodalaca mexicanensis</i> Viette, 1953	Mexico [Vera Cruz]
<i>Pseudodalaca sertae</i> (Schaus, 1894) ( <i>Dalaca</i> )	Mexico [Vera Cruz]
<i>Pseudophassus</i> Pfitzner, 1914	
= <i>Pseudophassus</i> Pfitzner 1938; <b>praeocc.</b>	
= <i>Aepytus</i> ( <i>Parana</i> ) Viette, 1950	
<i>Pseudophassus mahagoniatus</i> Pfitzner, 1914	[Bolivia] [La Paz]
<i>Pseudophassus philiponi</i> (Viette, 1950) ( <i>Aepytus</i> ( <i>Parana</i> ))	Brazil (PA)
<i>Pseudophilaenia</i> Viette, 1951	
<i>Pseudophilaenia omagua</i> (Pfitzner, 1937) ( <i>Philaenia</i> [sic])	Brazil (AM), Peru (Loreto)
<i>Puermytrans</i> Viette, 1951	
<i>Puermytrans chiliensis</i> Viette, 1951	Chile
<i>Roseala</i> Viette, 1950	
= <i>Thiastyx</i> Viette, 1951	
<i>Roseala tessellatus</i> (Herrich-Schäffer, [1854]) ( <i>Epialus</i> [sic])	"Nov. Holl."
= <i>Phassus agrionides</i> Walker, 1856	Brazil
= <i>Roseala bourgognei</i> Viette, 1950	Brazil (RJ)
= <i>Thiastyx catharinae</i> Viette, 1951	Brazil (SC)
<i>Schaefferiana</i> Viette, 1950	
<i>Schaefferiana epigramma</i> (Herrich-Schäffer, [1854]) ( <i>Epialus</i> [sic])	Brazil
<i>Schaefferiana simplex</i> Viette, 1956	Brazil (MG)
<i>Schausiana</i> Viette, 1950	
<i>Schausiana trojesa</i> (Schaus, 1901) ( <i>Phassus</i> )	Mexico [Jalisco]
<i>Trichophassus</i> Le Cerf, 1919	
<i>Trichophassus giganteus</i> (Herrich-Schäffer, [1853]) ( <i>Epiolus</i> [sic])	"America"
= <i>Trichophassus hayeki</i> Foetterle, 1903 ( <i>Phassus</i> )	Brazil (RJ)
<i>Tricladia</i> C. & R. Felder, 1874	
= <i>Lamelliformia</i> Viette, 1951	
<i>Tricladia prytanes</i> (Schaus, 1892) ( <i>Dalaca</i> )	Brazil [RJ]
<i>Tricladia sladeni</i> (Hampson, 1903) ( <i>Dalaca</i> )	Brazil [MT]
<i>Tricladia tupi</i> (Pfitzner, 1914) ( <i>Cibyra</i> )	Brazil [SP]
<i>Tricladia umbrifera</i> C. & R. Felder, 1874	Brazil
<i>Vietteogorgopis</i> Özdikmen, 2007	
<i>Paragorgopis</i> Viette, 1952; <b>praeocc.</b>	
<i>Vietteogorgopis</i> Özdikmen, 2007; replacement name	
<i>Vietteogorgopis absyrtus</i> (Schaus, 1892) ( <i>Phassus</i> )	Brazil [RJ]
<i>Vietteogorgopis foetterlei</i> (Viette, 1952) ( <i>Paragorgopis</i> )	Brazil [RJ]
<i>Vietteogorgopis jordani</i> (Viette, 1956) ( <i>Paragorgopis</i> )	Brazil [MG]
<i>Vietteogorgopis katharinae</i> (Pfitzner, 1914) ( <i>Dalaca</i> )	[Brazil (SC)]
<i>Vietteogorgopis nigrovenosalis</i> (Viette, 1956) ( <i>Paragorgopis</i> )	Brazil [MG]
<i>Vietteogorgopis pittionii</i> (Viette, 1952) ( <i>Paragorgopis</i> )	Brazil (RJ)
<i>Vietteogorgopis spitzi</i> (Viette, 1956) ( <i>Paragorgopis</i> )	Brazil (SP)
<i>Viridigigas</i> Grehan & Rawlins, 2016	
<i>Viridigigas ciseskii</i> Grehan & Rawlins, 2016	Peru (Huanuco and Pasco)
<i>Yleuxas</i> Viette, 1951	
<i>Yleuxas bradleyi</i> Viette, 1951	Peru [Puno]
<i>Yleuxas brunnea</i> (Schaus, 1901) ( <i>Cibyra</i> )	Venezuela [Bolívar]
Taxa incertae sedis	
<i>Cibyra</i> ( <i>Aepytus</i> ) <i>petropolisensis</i> (Viette, 1952) ( <i>Aepytus</i> )	Brazil (RJ)
<i>Cibyra</i> ( <i>Gymelloxes</i> ) <i>paropus</i> (Druce, 1890) ( <i>Hepialus</i> )	Ecuador
<i>Dalaca cocama</i> Pfitzner, 1914	Peru [Pasco]



= <i>Dalaca (Triodia) nannophyes</i> Pfitzner, 1914	Colombia [Cundinamarca]
<i>Dalaca cuprifera</i> Pfitzner, 1914	Peru
<i>Dalaca manoa</i> Pfitzner, 1914	Colombia [Cundinamarca]
<i>Dalaca mummia</i> Schaus, 1892	Brazil (RJ)
<i>Dalaca niepelti</i> Pfitzner, 1914	Ecuador
<i>Dalaca usaque</i> Pfitzner, 1914	Colombia [Boyacá]
<i>Dalaca vibicata</i> Pfitzner, 1914	Colombia [Cundinamarca]
<i>Phassus costaricensis</i> Druce, 1887	Costa Rica
<i>Phassus guianensis</i> Schaus, 1940	Guyana
<i>Phassus smithi</i> Druce, 1889	Mexico [Veracruz]
<i>Phassus transversus</i> Walker, 1856	Brazil (RJ)

## References

- Aguiar-Menezes, E. L., Menezes, E. B., Cassino, P. C. R., & Soares, M. A. (2002): Passion fruit. — Pp. 360–390 in: Pena, J., Sharp, J., & Wysoki, M. (eds.), **Tropical fruit pests and pollinators: biology, economic importance, natural enemies and control**. — Trowbridge (CABI), 430 pp.
- Aguilera P., A., Ellena D., M., Seguel B., I., Montenegro B., A., Martín A., J. S., Torralbo B., L., & Rebolledo R., R. (2009): Nuevos registros de insectos fitófagos asociados a murta o murtila (*Ugni molinae* Turcz.) em Chile. — **IDESIA**, Arica (Chile), **27** (2): 33–37.
- Andrade, E. N. (1928): Contribuição para o estudo da entomologia florestal paulista. — **Boletim de Agricultura**, São Paulo, **29** (7/8): 446–453.
- Arguedas, M. (2004): Problemas fitosanitarios de la melina (*Gmelina arborea* (Roxb.)) em Costa Rica. Nota Técnica. — **Kurú: Revista Forestal**, Cartago (Costa Rica), **1** (2): 1–9.
- (2006): Clasificación de tipos de danos producidos por insectos forestales. Segunda parte. — **Kurú: Revista Forestal**, Cartago (Costa Rica), **3** (9): 1–8.
- (2007): Plagas y enfermedades forestales en Costa Rica. — **Kurú: Revista Forestal**, Cartago (Costa Rica), **4** (11/12): vi + 69 pp.
- , & Espinoza, D. (2007): Problemas fitosanitarios del jaúl (*Alnus acuminata* Kunth) en Costa Rica. — **Kurú: Revista Forestal**, Cartago (Costa Rica), **4** (10): 1–10.
- Aurivillius, P. O. C. (1884): Lepidoptera. — In: Mayer, P., & Giesbrecht, W. (ed.), Zoologischer Jahresbericht für 1883. **Herausgegeben von der Zoologischen Station zu Neapel. II. Abtheilung: Arthropoda**. — Leipzig (W. Engelmann), [iv] + 585 pp.
- Barrett, O. W. (1900): Some notes on “The Cambridge Natural history, vol. VI”. — **Canadian Entomologist**, Ottawa, **32** (8): 234–236.
- Berg, C. (1882): Farrago Lepidopterologia. Contribuciones al studio de la fauna Argentina y países limítrofes. — **Anales de la Sociedad Científica Argentina**, Buenos Aires, **13**: 164–184, 213–223, 257–279.
- Bertkau, P. (1891): Bericht über die wissenschaftlichen Leistungen im Gebiete der Entomologie während des Jahres 1890. — **Archiv für Naturgeschichte**, Berlin, **57** (2): 1–343.
- (1893): Bericht über die wissenschaftlichen Leistungen im Gebiete der Entomologie während des Jahres 1892. — **Archiv für Naturgeschichte**, Berlin, **59** (2): 1–348.
- Biezanko, C. M. (1961a): Castniidae, Zygaenidae, Dalceridae, Eucleidae, Megalopygidae, Cossidae et Hepialidae da Zona Sueste do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). — **Arquivos de Entomologia**, Pelotas, (A) **14**: 1–14.
- (1961b): Castniidae, Zygaenidae, Dalceridae, Eucleidae, Megalopygidae, Cossidae et Hepialidae da Zona Missioneira do Rio Grande do Sul (Contribuição ao conhecimento da fisiografia do Rio Grande do Sul). — **Arquivos de Entomologia**, Pelotas, (B) **14**: 1–8.
- , Ruffinelli, A., & Carbonell, C. S. (1957): Lepidoptera del Uruguay. Lista anotada de especies. — **Revista de la Facultad de Agronomía**, Montevideo, **46**: 1–152.
- Blanchard, E. (1852–1854): Fauna Chilena. Insectos. Orden VI Lepidopteros. — In: Gay, C. (ed.), **Historia física y política de Chile según documentos adquiridos en esta república durante doce años de residencia en ella y publicada bajo los auspicios del Supremo Gobierno. Zoología**. Vol. 7. — Paris (C. Gay), pp. 1–112 (1852), 7 pls. (1854).
- Bourgogne, J. (1949): Un type nouveau d’appareil génital femelle chez les Lépidoptères. — **Annales de la Société entomologique de France**, Paris, **115**: 69–80.
- Bryk, F. (1944): Über die Schmetterlingsausbeute der schwedischen wissenschaftlichen Expedition nach Patagonien 1932–1934. Report Number 11 of the Ljungner Expedition 1932–1934. — **Arkiv for Zoologi**, Stockholm, **36A** (3): 1–30, 2 pls.
- Briquetot, A. (1956): **Sobre a ocorrência de um macrolepidóptero em eucaliptus**. — Companhia Siderúrgica Belgo Mineira, Departamento de Terras, Matas e Carvão, Serviço Florestal, Boletim Técnico, Monlevade (MG, Brazil), 37 pp.

- Butler, A. G. (1882): Heterocerous Lepidoptera collected in Chili by Thomas Edmonds, Esq. Part I. Sphinges and Bombyces. — **Transactions of the Entomological Society of London**, London, **1882**: 1–30.
- Buzzi, Z. J. (1994): **Coletânea de nomes populares de insetos do Brasil**. — Universidade Federal do Paraná, Departamento de Zoologia, Curitiba, [v] + 230 pp.
- (2009): **Nomes populares de insetos e ácaros do Brasil**. — Curitiba (Ed. UFPR), 629 pp.
- Caballero V., C. (1955): La cuncunilla en los pastos del Sur. — **Agricultura y Ganadería**, Santiago (Chile), **1** (3): 7–8.
- Camousseight M., A. (1980): Catálogo de los tipos de insecta depositados en la colección del Museo Nacional de Historia Natural (Santiago, Chile). — Publicación ocasional. **Museo Nacional de Historia Natural**, Santiago (Chile), **32**: 3–46, 1 map.
- Carrillo, R. (1974): Eficacia de diversos insecticidas en el combate de cuncunillas negras en empastadas. — **Agro Sur**, Valdivia (Chile), **1** (2): 45–50.
- CENGICAÑA (Centro Guatemalteco de Investigación y Capacitación de la Caña de Azúcar) (ed.) (2007): **Eventos históricos y logros 1992–2007**. — Guatemala City (Guatemala), 85 pp.
- (2008): **Informe anual 2006–2007**, Guatemala City (Guatemala), 100 pp.
- Cisternas A., E. (1989): Caracterización morfológica de insectos asociados al suelo en el Sur de Chile. — Instituto de Investigaciones Agropecuarias, Estacion experimental Remehue, **Boletín técnico**, Osorno (Chile), **150**: 1–19.
- (1992): Biología y control de insectos plagas em praderas. — *In*: Seminario manejo de praderas permanentes, **Serie Remehue**, Osorno (Chile), **31**: 87–117.
- (2000): La cuncunilla negra. — **Informativo Remehue**, Osorno (Chile), **16**: 1–4.
- , France I., A., & Gerding P., M. (2007): Control de cuncunilla negra entomopatógeno. — **INIA Tierra adentro**, Santiago (Chile), **9–10**: 42–43.
- , Gerding G., M., & France L., A. (2003): Uso del hongo *Beauveria bassiana*: ¿Cómo controlar la cuncunilla negra de las praderas sin usar insecticidas? — **Informativo Agropecuario Bioleche INIA-Quilamapu**, Quilamapu (Chile), **16** (1): 51–52.
- Dapoto, G., Giganti, H., Gentili, M., & Bondoni, M. (2003): Lepidópteros de los bosques nativos del Departamento Aluminé (Neuquén-Argentina). II Contribución. — **Bosque**, Valdivia (Chile), **24** (1): 95–112.
- Day, M. D., Wiley, C. J., Playford, J., & Zalucki, M. P. (2003): **Lantana: current mangement status and future prospects**. — ACIAR (Australian Centre for International Agricultural Research), Canberra, Monograph 102, vii + 128 pp.
- Devotto, L., Cisternas, E., Carrillo, R., & Gerding, M. (2008): Non-target effects of *Dalaca pallens* Blanchard control e xamined through principal response curves: a guild approach in Southern Chile. — **Chilean Journal of Agricultural Research**, Chillán (Chile), **68** (3): 228–237.
- , ———, Gerding, M., & Carrillo, R. (2007): Response of grassland soil arthropod community to biological and conventional control of a native moth: using *Beauveria bassiana* and lambda-cyhalothrin for *Dalaca pallens* (Lepidoptera: Hepialidae) suppression. — **BioControl**, Dordrecht (NL), **52**: 507–531.
- Druce, H. (1881–1900): Heterocera. — *In*: Godman, F. C., & Salvin, O. (eds.), **Biologia Centrali-Americana**, Zoology. Insecta, Lepidoptera-Heterocera, vols. **I**: xxxi + 490 pp., **II**: 622 pp., **III**: 101 col. pls. — London.
- (1889): Descriptions of new species of Lepidoptera, chiefly from Central America. — **Annals and Magazine of Natural History**, London, (6) **4**: 77–94.
- (1890): Descriptions of new species of Lepidoptera Heterocera from Central and South America. — **Proceedings of the Zoological Society of London**, London, **1890**: 493–520.
- (1892): Description of a new genus and some species of Heterocera from Central America. — **Annals and Magazine of Natural History**, London, (6) **9**: 275–279.
- (1901): Descriptions of some new species of Lepidoptera from East Africa and tropical America. — **Annals and Magazine of Natural History**, London, (7) **7**: 432–444.
- Dugdale, J. S. (1994): Hepialidae (Insecta: Lepidoptera). — *In*: Duval, C. T. (ed.), **Fauna of New Zealand/Ko te Aitanga Pepeke o Aotearoa**, vol. **30**. — Lincoln, Canterbury (New Zealand) (Manaaki Whenua), 164 pp., 349 + 25 figs., 27 + 5 maps.
- Dumbleton, L. J. (1966): Genitalia, classification and zoogeography of the New Zealand Hepialidae (Lepidoptera). — **New Zealand Journal of Science**, Wellington, **9** (4): 920–981.

- Duran M., L. (1976): Problemas de la entomología agrícola em Chile Austral. — **Agro Sur**, Valdivia (Chile), **4** (2): 119–127.
- Dyar, H. G. (1915a): New American Lepidoptera chiefly from Mexico. — **Insector Inscitiae Menstruus**, Washington D.C., **3**: 79–85.
- (1915b): Report on the Lepidoptera of the Smithsonian Biological Survey of the Panama Zone. — **Proceedings of the United States National Museum**, Washington D.C., **47**: 139–350.
- (1917): Description of some lepidopterous larvae from Mexico. — **Insector Inscitiae Menstruus**, Washington D.C., **5** (1–3): 128–132.
- Edwards, H. (1885): Notes on Mexican Lepidoptera, with descriptions of new species. — **Entomologica Americana**, New York, **1** (7): 128–129.
- Edwards, M. A., & Hopwood, A. T. (1966): **Nomenclator Zoologicus**, vol. **6**. — Zoological Society of London, London, x + 329 pp.
- , & Manly, P., & Tobias, M. (1996): **Nomenclator Zoologicus**, vol. **9**. — Zoological Society of London, London, iv + 747 pp.
- , & Vevers, H. G. (1975): **Nomenclator Zoologicus**, vol. **7**. — Zoological Society of London, London, iii + 374 pp.
- Enderlein, G. (1912): **Die Insekten des Antarkto-Archiplata-Gebietes (Feuerland, Falkland-Inseln, Süd-Georgien)**. **20. Beitrag zur Kenntnis der Antarktischen Fauna**. — Kungliga Svenska Vetenskapsakademiens Handlingar, Stockholm, **8** (3): 170 pp. + 4 pls.
- Escamilla-Prado, E., Escamilla-Femat, S., Gómez-Utrilla, J. M., Tuxtla A., M., Ramos-Elorduy, J., & Pino M., J. M. (2012): Uso tradicional de tres especies de insectos comestibles en agroecosistemas cafetaleros de estado de Veracruz. **Tropical and Subtropical Agroecosystems**, Mérida, **15** (supplement 2): S101-S109.
- Fassl, A. H. (1918): Verzeichnis neu beschriebener Schmetterlingsformen und Jugendzustände tropischer Lepidopteren von meiner Columbien-Reise (1908–1912). — **Entomologische Rundschau**, Stuttgart, **33**: 1–31.
- Favretto, M. A. (2016): Hepialidae, pp. 71-73. *In*: Orlandin, E., Favretto, M. A., Piovesan, M., & Santos, E. B. **Borboletas e Mariposas de Santa Catarina: uma introdução**. — Campos Novos: Mario Arthur Favretto, 214 pp. + 318 figs.
- Felder, C., & Felder, R. (1874): Heft 4 (partim), Heterocera, Bombyces & Sphinges, plates 75–107. — *In*: Felder, C., Felder, R., & Rogenhofer, A. F. (eds.) ([1864] 1865–1875), **Reise der österreichischen Fregatte Novara um die Erde in den Jahren 1857, 1858, 1859 unter den Befehlen des Commodore B. von Wüllerstorff-Urbair**. Zoologischer Theil, Zweiter Band, Zweite Abtheilung: Lepidoptera, Atlas [= butterflies plates + Hefte 4 + 5 with all legends and explanations]. — Vienna (K.-k. Hof- und Staatsdruckerei), pp. 1–9, 1–10, 1–20, pls. 1–140.
- Foetterle, J. G. (1903): Descrição de Lepidopteros novos do Brazil. — **Revista do Museu Paulista**, São Paulo, **5**: 618–653, 1 pl.
- Forbes, W. T. M. (1942): The Lepidoptera of Barro Colorado Island, Panama, no. 2. — **Bulletin of the Museum of Comparative Zoology at Harvard College**, Cambridge (Mass.), **90** (2): 261–406, pls. 9–16.
- Gaede, M. (1930): 24. Familie: Hepialidae. — Pp. 553–559, pl. 80 *in*: Seitz, A. (ed.) (1926–1930), **Die Gross-Schmetterlinge der Erde**, **14**. Band. Die Afrikanischen Spinner und Schwarmer. — Stuttgart (A. Kernen), vii + 597 + vii pp., pls. 1–80.
- Gara, R. I., & Onore, G. (1989): **Entomologia forestal**. — Proyecto DINAF-AID, Quito (Ecuador), 267 pp.
- Gerstaecker, A. (1857): Bericht die wissenschaftlichen Leistungen im Gebiete der Entomologie während des Jahres 1856. — **Archiv für Naturgeschichte**, Berlin, **23** (2): 273–486.
- Geyer, C. ([1838]): pl. [53] with legend, *in*: Hübner, J. ([1827–1838] [dated according to Hemming 1937]), **Sammlung exotischer Schmettlinge** [*sic*], vol. **3**. — Augsburg (J. Hübner), 53 pls.
- Giganti, H., Dapoto, G., & Gentili, P. (1994): Lepidópteros de los bosques nativos del Departamento Aluminé (Neuquén-Argentina). — **Bosque**, Valdivia (Chile), **15** (1): 67–74.
- Gómez, B., & Junghans, C. (2014): **Julieta Ramos Elorduy y la antropoentomofagia en Chiapas, México**, pp. 16-21. *In*: Costa-Neto, E. (ed.), **Julieta Ramos Elorduy, una vida de enseñanzas y labor** — San Cristóbal de Las Casas, Chiapas, México. Asociación Etnobiológica Mexicana, A.C., 31 pp.
- , ——, Aldaroso, E. M., & Grehan, J. R. (2016): The ghost moth (Lepidoptera: Hepialidae) as food of indigenous people in Mexico. — **Journal of Insects as Food and Feed**, Wageningen, **2**(1): 53-59.
- Grehan, J. R. (1984): The host range of *Aenetus virescens* (Lepidoptera: Hepialidae) and its evolution. — **New Zealand Entomologist**, Nelson, **8**: 52–61.
- (1989): Larval feeding habits of the Hepialidae (Lepidoptera). — **Journal of Natural History**, London, **23**: 803–824.

- (2010): Structural variants in the morphology of the first abdominal tergite supporting the monophyly of the Latin American genera *Cibyra* Walker, *Druceiella* Viette, *Pfizeriana* Viette and *Trichophassus* Le Cerf (Lepidoptera: Hepialidae). — **Bulletin of the Buffalo Museum of Science**, Buffalo (N.Y.), **39**: 43–63.
- (2012): Morphological evidence for phylogenetic relationships within the Hepialidae (Lepidoptera: Exoporia). — **Bulletin of the Buffalo Museum of Science**, Buffalo (N.Y.), **42**: 1–30.
- , & Rawlins, J. E. (2003): Larval description of a new world ghost moth, *Phassus* sp., and the evolutionary biogeography of wood-boring Hepialidae (Lepidoptera: Exoporia: Hepialoidea). — **Proceedings of the Entomological Society of Washington**, Washington D.C., **105**(3): 733–755.
- , & Rawlins, J. E. (2016): A remarkable new genus and species of ghost moth from Peru (Lepidoptera: Exoporia: Hepialidae). — **Annals of Carnegie Museum**, Pittsburgh, **84**(1): 47–57.
- Hampson, G. F. (1893 [“1892”]): Moths. Vol. 1. — In: Blanford, W. T. (ed.), **The Fauna of the British India, including Ceylon and Burma**. — London (Taylor & Francis), Calcutta (Thacker, Spink), Bombay (Thacker), Berlin (R. Friedlander), xxiii + 527 pp. [For the publication year 1893, see Opinion 1698.]
- (1903): Lepidoptera Phalæna. — In: Heron, F. A., & Hampson, G. F., On the Lepidoptera collected at Chapada, Matto Grosso by Mr. A. Robert (Percy Sladen Expedition to Central Brazil). — **Proceedings of the Zoological Society of London**, London, **1903** (2): 259–260.
- Headlee, T. J. (1907): A study in butterfly wing-venation, with special regard to the radial vein of the front wing. — **Smithsonian Miscellaneous Collections**, Washington D.C., **48** (3): 284–296, 46 figs., 5 pls.
- Hemming, F. (1937): **Hübner. A bibliographical and systematic account of the entomological works of Jacob Hübner and of the supplements thereto by Carl Geyer, Gottfried Franz von Frölich and Gottlieb August Wilhelm Herrich-Schäffer**. 2 vols. — London (Royal Entomological Society), xxxiv + 605 + [xi] + 274 pp.
- Herrich-Schäffer, G. A. W. (1850–[1858]): **Sammlung neuer oder wenig bekannter aussereuropäischer Schmetterlinge**. — Regensburg (G. J. Manz), 84 pp., 120 pls.
- Hilje Q, L., Araya F., C., & Scorza R., F. (1992a): **Forest pests in Central America. Field Guide. Technical Manual 4**. — Technical series, CATIE (Tropical Agriculture Research and Training Center), Turrialba (Costa Rica), 261 pp.
- , ———, ———, & Viquez C., M. (1992b): **Forest pests in Central America. Handbook. Technical Manual 3**. — Technical series, CATIE (Tropical Agriculture Research and Training Center), English edition, Turrialba (Costa Rica), 187 pp.
- Hoffmann, F. (1931): Beiträge zur Naturgeschichte brasilianischer Schmetterlinge. II. — **Zeitschrift für wissenschaftliche Insektenbiologie**, Husum, **26** (1): 1–8.
- Ihl, E. (1947): Cuncunilla de los pastos. — **Simiente**, Temuco (Chile), **17** (1/2): 78–80.
- Isla M., R. (1959): El control de cuncunilla negra del trebol. — **Agricultura y Ganaderia**, Santiago (Chile), **5** (23): 16–18.
- Jackson S., D. (2007): Observaciones sobre el período de vuelo de *Dalaca chiliensis* (Viette, 1950), en la Provincia de Valdivia, Chile (Lepidoptera: Hepialidae). — **Acta Entomológica Chilena**, Santiago de Chile, **31** (1): 35–38.
- Janse, A. J. T. (1917): **Check-list of the South African Lepidoptera Heterocera**. — Pretoria (Transvaal Museum), 1–219 + xii pp.
- (1919): Notes on the Hepialid genera *Gorgopis* and *Dalaca*, with descriptions of six apparently new South African species. — **Records of the Albany Museum**, Grahamstown, **3** (3): 233–246.
- (1942): **The moths of South Africa 4**, Part I. Suborder Jugata. — London (J. Bale & Sons & Staples), Durban (E.P. & Commercial Pr.), xxv + 78 pp, pls. 47–62.
- Jiménez A., H. D., Melo R., V., Santos M., S. S., Jiménez A., C. E., & Noguera H., N. (2011): El gusano de Tepozán *Phassus triangularis* E. un alimento con alto contenido proteico como alternativa alimenticia. **Revista Latinoamericana de Química**, Naucalpan de Juárez, **supplement 38**: 91.
- Kirby, W. F. (1892): **A synonymic catalogue of Lepidoptera Heterocera (moths). Vol. I, Sphingies and Bombyces**. — London (Guerney & Jackson), Berlin (R. Friedlander), xii + 951 pp.
- Koçak, M. K., & Koçak, A. O. (2008): First attempt for a list of the patronyms in the Lepidopterology based upon the info-system of the CESA. — **Priamus**, Ankara, **Supplement 12**: 1–89.
- Koch, C. K., & Waterhouse, D. F. (eds.) (2000): **The distribution and importance of arthropods associated with agriculture and forestry in Chile (Distribucion e importancia de los artropodos asociados a la agricultura y silvicultura en Chile)**. — ACIAR (Australian Centre for International Agricultural Research), Canberra, Monograph 68: 234 pp.

Koebele, A. (1924): Report on enemies of *Lantana camara* in Mexico, and their introduction into the Hawaiian Islands. — Pp. 54–71 in: Perkins, R. C. L., & Swezey, O. H. (eds.), The introduction into Hawaii of insects that attack *Lantana*. — **Bulletin of the Experiment Station of the Hawaiian Sugar Planters' Association**, Honolulu, **16**: 1–83.

Krauss, N. L. H. (1962): Biological control investigations on *Lantana*. — **Proceedings of the Hawaiian Entomological Society**, Honolulu, **18** (1): 134–136.

Kristensen, N. P. (1998): 5. The homoneurous glossata. — Pp. 51–63 in: Kristensen, N. P. (ed.), Lepidoptera, moths and butterflies, 1: Evolution, systematics, and biogeography. — In: Fischer, M. (serial ed.), **Handbook of Zoology 4** (35): **Arthropoda: Insecta**. — Berlin, New York (W. de Gruyter), x + 491 pp.

Künnet, F. (1914): Die Stigmenversorgung des Insektenthorax. — **Zeitschrift für wissenschaftliche Zoologie**, Leipzig, **112** (1): 70–92, 1 pl.

Le Cerf, F. (1919): Observations sur le genre *Phassus* Wlkr.; diagnoses de genres nouveaux et description d'une espèce nouvelle [Lépidopt. Hepialidae]. — **Bulletin du Museum National d'Historie Naturelle**, Paris, **25**: 469–471.

Lima, A. M. Costa (1936): **Terceiro catálogo do insectos que vivem nas plantas do Brasil**. — Ministério da Agricultura, Departamento Nacional da Produção vegetal, Escola Nacional de Agronomia, Rio de Janeiro, 460 + iv pp.

——— (1945): **Insetos do Brasil. Lepidópteros. 5º Tomo, 1ª parte. Série didática no. 7**. — Escola Nacional de Agronomia, Rio de Janeiro, 379 pp.

Lloyd, D. C., & Blackman, R. L. (1966): **Investigations of natural enemies of Melolonthinae and Hepialidae**. — Report, South American Station, Rio Negro (Argentina, Commonwealth Institute of Biological Control), 20 pp.

López de la Cruz, E., Gómez G., B., Sánchez C., M. S., Junghans, C., & Martínez J., L. V. (2015): Insectos útiles entre los Tsotsiles del municipio de San Andrés Larráinzar, Chiapas, México. **Etnobiología**, México City, **13**(2): 72–84.

López G., J. A., Mariaca M., R., & Gómez G., B. (2013): Conocimiento tradicional y antropofagia del Chanulte' en Oxchuc, Chiapas, México. **Etnobiología**, México City, **11**(2): 69–80.

Mabille, M. P. (1885): Diagnoses de Lépidoptères nouveaux. — **Bulletin de la Société Philomathique de Paris**, Paris, (7) **9** (2): 55–70.

——— (1888): **Mission scientifique de Cap Horn. 1882–1883. 6. Zoologie, Insectes, Lépidoptères**. — Paris (Gauthier Villars et fils), 35 pp., 3 pls.

Macías, J., Arguedas, M., Hilje, L., & Zanuncio, J. (2005): Plagas forestales neotropicales. — **Manejo Integrado de Plagas y Agroecología**, Turrialba (Costa Rica), **74** (16): 99–100.

Maldonado, A., Merino, L., & France, A. (2012): Selection of entomopathogenic nematodes against *Dalaca pallens* (Lepidoptera: Hepialidae). **Chilean Journal of Agricultural Research**, Chillán, **72**(2): 201–205.

Mallet, J. (1984): Sex roles in the ghost moth *Hepialus humuli* (L.) and a review of mating in the Hepialidae (Lepidoptera). — **Zoological Journal of the Linnean Society**, London, **79**: 67–82.

Mielke, C. G. C. (2014): Notes about *Cibyra* Walker, 1856 (second note), with description of two new species from southeastern and southern Brazil (Lepidoptera, Hepialidae). **Nachrichten des Entomologischen Vereins Apollo** (N.F.) **34** (4): 213–217.

——— (2015): Notes about *Cibyra* Walker, 1856 (third note), with description of three new species from southeastern and southern Brazil (Lepidoptera, Hepialidae). **Nachrichten des Entomologischen Vereins Apollo** (N.F.) **36** (1): 12–17.

———, & Casagrande, M. M. (2013): A new *Cibyra* Walker, 1856 from southern Brazil (Lepidoptera, Hepialidae). **Nachrichten des Entomologischen Vereins Apollo** (N.F.) **34** (1/2): 73–86.

———, & Grehan, J. R. (2012): Catalogue of the Latin American Hepialidae with taxonomic remarks (Lepidoptera). **Nachrichten des Entomologischen Vereins Apollo** (N.F.), Frankfurt am Main, **32** (3/4): 131–158.

———, & Grehan, J. R. (2015): Revision of the genus *Aepytus* Herrich-Schäffer, [1856] (Lepidoptera, Hepialidae) with description of two new species from Brazil. **The European Entomologist** **7**(3): 65–90.

———, & Grehan, J. R. (2015b): Description of a new species of *Phassus* Walker, 1856 from Costa Rica, *Pallas*, gen. n., with a new species from Guatemala, and taxonomic notes on *Sthenopsis* Packard, [1865] (Lepidoptera, Hepialidae). **The European Entomologist** **7**(4): 113–134.

Monte, O. (1934): Borboletas que vivem em plantas cultivadas. — **Boletim de Agricultura, Zootecnia e Veterinária**, Série agrícola, Belo Horizonte, **21**: iv + 219 + i pp.

Möschler, H. B. (1877): Beiträge zur Schmetterlings-Fauna von Surinam. II. — **Verhandlungen der kaiserlich-königlichen zoologisch-botanischen Gesellschaft in Wien**, Vienna, **27**: 629–700.

- Muscat, E. (2011): The incredible tarantula moth. *Anima mundi*, **1**(4): 4-6 - <http://www.animamundimag.com/> accessed: Sept 2016.
- Nair, K. S. S. (2001): **Pest outbreaks in Tropical forest plantations: is there a greater risk for exotic tree species?** — Center for International Forestry Research, Desa Putera (Indonesia), vii + 74 pp.
- Nässig, W. A., & Speidel, W. (2007): On the authorships of the Lepidoptera Atlas of the "Reise der Novara", with a list of the taxa of Bombycoidea [s.l.] therein described (Insecta, Lepidoptera, Bombycoidea). — **Senckenbergiana biologica**, Frankfurt am Main, **87**: 63–74.
- Neave, A. S. (1939a): A list of the names of genera and subgenera in Zoology from the tenth edition of Linnaeus 1758 to the end of 1935. — **Nomenclator Zoologicus 1**, London (Zoological Society of London), xiv + 957 pp.
- (1939b): A list of the names of genera and subgenera in Zoology from the tenth edition of Linnaeus 1758 to the end of 1935. . — **Nomenclator Zoologicus 2**, London (Zoological Society of London), ii + 1025 pp.
- (1940a): A list of the names of genera and subgenera in Zoology from the tenth edition of Linnaeus 1758 to the end of 1935. . — **Nomenclator Zoologicus 3**, London (Zoological Society of London), ii + 1065 pp.
- (1940b): A list of the names of genera and subgenera in Zoology from the tenth edition of Linnaeus 1758 to the end of 1935. — **Nomenclator Zoologicus 4**, London (Zoological Society of London), ii + 758 pp.
- (1950): **Nomenclator Zoologicus 5**. — London (Zoological Society of London), viii + 308 pp.
- Nielsen, E. S., & Robinson, G. S. 1983. Ghost moths of southern South America (Lepidoptera: Hepialidae). [With a summary in Spanish prepared by P. Gentili: >>Mariposas Fantasma del sur de Sudamerica<<.] — **Entomograph**, Copenhagen, **4**: 1–192, 431 figs.
- , ———, & Wagner, D. L. (2000): Ghost-moths of the world: a global inventory and bibliography of the Exoporia (Mnesarchaeoidea and Hepialoidea) (Lepidoptera). — **Journal of Natural History**, London, **34**: 823–878.
- , & Scoble, M. J. (1986): *Afrotheora*, a new genus of primitive Hepialidae from Africa (Lepidoptera: Hepialoidea). — **Entomologica scandinavica**, Copenhagen, **17**: 29–54.
- Nuñez B., E. (2016): La "polilla fantasma gigante" *Trichophassus giganteus* (Herrich-Schäffer, 1853) (Lepidoptera: Hepialidae), confirmación de su presencia en Argentina. — **Historia Natural**, Buenos Aires, (3)6(1): 55-60.
- Nye, I. W. B., & Fletcher, D. S. (1991): Microlepidoptera. — In: Nye, I. W. B. (ed.), **The generic names of moths of the world**, vol. **6**. — London (Trustees of the NHMUK), xxix + 368 pp.
- Özdikmen, H. (2007): New substitute names for three preoccupied lepidopteran genera: *Hercynella* Bethune-Baker, 1893, *Coloneura* Davis, 1964 and *Paragorgopis* Viette, 1951 (Lepidoptera). — **Munis Entomology & Zoology**, Ankara, **2** (1): 115–118.
- Oiticica Filho, J. (1947): Sobre a genitália das fêmeas de Hepialidae (Lepidoptera). — **Summa Brasiliensis Biologiae**, Rio de Janeiro, **1** (16): 384–428.
- Opinion 1698 (1992): *Brahmaea* Walker, 1855 (Insecta, Lepidoptera): *Bombyx certhia* Fabricius, 1793 confirmed as the type species [Case 2737]. — **Bulletin of Zoological Nomenclature**, London, **49** (4): 294.
- Packard, A. S. (1895): Monograph of the bombycine moths of America north of Mexico, including their transformations and origin of the larval markings and armature. — **Memoirs of the National Academy of Sciences**, Washington D.C., **7**: 5–390, 88 figs., 49 pls., 10 maps.
- Pactl, J. (1944): Zur systematischen Klassifikation der Hepialiden und Nomenklatorisches über dieselbe Familie (Lep.). — **Časopis České Společnosti Entomologicke**, Prague, **41**: 141–144.
- (1949): On some Hepialidae (Lepidoptera) from Patagonia. Critical remarks on the reports no. 11 from the Ljungner's Expedition 1932–1934. — **Tijdschrift voor Entomologie**, s'-Gravenhage, **91**: 149–152.
- (1953): Genera of the Hepialidae (Insecta, Lepidoptera). — **Journal of the Asiatic Society**, Calcutta, **19** (2): 141–148.
- (1957): A protest against the atomizing of genera, with special reference to the Hepialidae (Lepidoptera). — **Systematic Zoology**, Baltimore, **6** (1): 51–52.
- Pagenstecher, A. (1902): Die arktische Lepidopterenfauna. — Pp. 197–400 in: Römer, F., & Schaudinn, F. (eds.), **Fauna Arctica. Eine Zusammenstellung der arktischen Tierformen, mit besonderer Berücksichtigung des Spitzbergen-Gebietes auf Grund der Ergebnisse der Deutschen Expedition in das nördliche Eismeer im Jahre 1898**. Vol. **2** (2): pp. 1–560, 6 pls. — Jena (G. Fischer).
- Pape V., H. (2009): *Cuncunilla negra*, alternativas de manejo. — **Cooprinforma**, Osorno (Chile), **93**: 4–6.
- Pastrana, J. A. (2004): **Los Lepidópteros argentinos. Sus plantas hospedadoras y otros sustratos alimenticios**. — South American Biological Control Laboratory USDA-ARS; Sociedad Entomologica Argentina, San Miguel de Tucuman (Argentina), viii + 334 pp.

- Pfizer, R. (1906): Zwei neue Hepialiden aus Süd-Amerika. — **Deutsche Entomologische Zeitschrift "Iris"**, Dresden, **18**: 276–277.
- (1914): Neue Hepialiden. — **Entomologische Rundschau**, Stuttgart, **31** (18): 105–106, (19): 110.
- (1937–1938): Familie: Hepialidae. — Pp. 1289–1302, pls. 99–100 + 185 in: Seitz, A. (ed.) (1913–1940), **Die Gross-Schmetterlinge der Erde 6. Band. Die Amerikanischen Spinner und Schwärmer**. — Stuttgart (A. Kernen), viii pp. + pp. [1–711 + 713–1452 = 2 text parts] + viii pp. + pls. 1–185 [i.e., more than 185 pls.].
- Quail, A. (1900): Life histories in the hepialid group of Lepidoptera, with description of one new species, and notes on imaginal structure. — **Transactions of the Entomological Society of London**, London, **1900** (3): 411–432, 2 pls.
- (1903): On the antennae of Hepialidae — Lepidoptera Jugatae. — **Transactions of the Entomological Society of London**, London, **1903** (4): 400–508, 1 pl.
- Ramos-Elorduy, J., Landero-Torres, I., Murguía-González, J., & Pino M., J. M. (2008): Biodiversidad antropofágica de la región de Zongolica, Veracruz, México. **Revista de Biología Tropical**, San José, **56**(1): 303–316.
- , & Pino M., J. M. (2001): Contenido de vitaminas de algunos insectos comestibles de México. **Revista de la Sociedad Química de México**, México City, **45**(2): 66–76.
- , ——— & Cuevas C., S. (1998): Insectos comestibles del estado de México y determinación de su valor nutritivo. **Anales del Instituto de Biología**, Serie Zoología, México City, **69**(1): 65–104.
- , ——— & Morales L., J. (2002): Análisis químico proximal, vitaminas y nutrimentos inorgánicos de insectos consumidos en el estado de Hidalgo, México. **Folia Entomológica Mexicana**, Texcoco, **41**(1): 15–29.
- , Moreno, J. M. P., Vásquez, A. I., Landero, I., Oliva-Rivera, H., & Camacho, V. H. M. (2011): Edible Lepidoptera in Mexico: Geographic distribution, ethnicity, economic and nutritional importance for rural people. — **Journal of Ethnobiology and Ethnomedicine**, London, **7** (2): 1–22.
- , & Viejo M., J. L. (2007): Los insectos como alimento humano: Breve ensayo sobre la entomofagia, con especial referencia a México. — **Boletín de la Real Sociedad Española de Historia Natural** (Sección Biológica), Madrid, **102** (1–4): 61–84.
- Robinson, G. S. (1977): A taxonomic revision of the genus *Callipielus* Butler (Lepidoptera, Hepialidae). — **Bulletin of the British Museum** (Natural History), London, Entomology, **35** (4): 101–121, pls. 1–6.
- , & Nielsen, E. S. (1984): Hepialidae. — In: Heppner, J. B. (ed.), **Atlas of Neotropical Lepidoptera. Checklist: Part 1. Micropterigoidea-Immoidea**. — Den Haag (W. Junk), xxvii + 112 pp.
- Rodríguez, C., Cerda, L., & Peredo, H. (1980): Detección de insectos causantes de daños en viveros de *Pinus radiata* de la decima region. — **Bosque**, Valdivia, **3** (2): 73–76.
- Rojas H., M., & Chacón U., P. (1980): *Aepytus (Pseudolaca) [sic] sarta* (Schaus), barrenador del tallo de la curuba. — **Revista Colombiana de Entomología**, Bogotá, **6** (3/4): 63–67.
- Sandoval, L., & Nishida, K. (2015): The first record of an audible sound produced by a ghost moth, *Phassus* (Hepialidae) from Costa Rica. — **The Journal of Research on the Lepidoptera**, San Francisco, **48**: 45–49.
- Sbordoni, V., & Forestiero, S. (1985): **The world of butterflies**. — Dorset, 312 pp., 112 pls.
- Schaus, W. (1888): Larva of the large species of Hepialidae, *Phassus triangularis* Hy. Edw., from Vera Cruz, Mex. — **Entomologica Americana**, Brooklyn, **4** (4): 64.
- (1890): New species of Mexican Lepidoptera. — **Entomologica Americana**, Brooklyn, **6** (3): 45–47.
- (1892): Descriptions of new species of Lepidoptera Heterocera from Brazil, Mexico, and Peru. — Part II. — **Proceedings of the Zoological Society of London**, London, **1892**: 318–340.
- (1894): On new species of Heterocera from tropical America. — **Proceedings of the Zoological Society of London**, London, **1894**: 225–243.
- (1901): New species of Heterocera from tropical America — II. — **Journal of the New York Entomological Society**, New York, **9** (2): 73–77.
- (1929): New species of Heterocera (Lepidoptera) from southern Brazil. — **Proceedings of the Entomological Society of Washington**, Washington D.C., **31** (3): 45–61.
- (1940): 7. New species of British Guiana Heterocera. — **Zoologica, Scientific Contributions of the New York Zoological Society**, New York, **25**: 83–88.

- Schröder, H. (1967): Die Typen und Typoide des Natur-Museums Senckenberg, 38: Insecta, Lepidoptera, Hepialidae. — **Senckenbergiana biologica**, Frankfurt am Main, **48** (5/6): 337–344.
- Shepard, H. H. (1930): The pleural and sternal sclerites of the Lepidopterous thorax. — **Annals of the Entomological Society of America**, Lanham (Md.), **23** (2): 237–260, 50 figs.
- Silva, A. G. A., Gonçalves, C., Galvão, D., Gonçalves, A., Gomes, J., Silva, M., & Simoni, L. (1968): **Insetos, hospedeiros e inimigos naturais. Quarto catálogo dos insetos que vivem nas plantas do Brasil. Seus parasitos e predadores. 1° Tomo, parte II.** — Rio de Janeiro, GB (Ministério da Agricultura, Departamento de Defesa e Inspeção Agropecuária, Serviço de Defesa Sanitária Vegetal, Laboratório Central de Patologia Vegetal), xxvi + 622 pp.
- Simonsen, T. (2002): Wing scale covering supports close relationship between *Callipielus* and *Dalaca*, Austral South American ghost moths (Lepidoptera: Hepialidae). — **Studies on Neotropical Fauna and Environment**, Lisse (NL), **37** (1): 65–69, 23 figs.
- Snodgrass, R. E., 1909. The thorax of insects and the articulation of the wings. — **Proceedings of the United States National Museum**, Washington D.C., **36**: 511–595, 212 figs., 69 pls.
- Staudinger, O. (1899): Lepidopteren. — *In: Naturhistorisches Museum*, Hamburg (ed.), Ergebnisse der Hamburger Magalhaensischen Sammelreise 1892–1893, 2 (6): 1–117, 1 pl. — Hamburg (L. Friederichsen).
- Strand, E. (1912a): Exotisch-Lepidopterologisches. — **Archiv für Naturgeschichte**, Berlin, **78A** (9): 143–158.
- (1912b): Sechs neue exotische Grossschmetterlinge. — **Archiv für Naturgeschichte**, Berlin, **77A** (1, Supplement 4): 99–102.
- (1914): **Lepidoptera Niepeltiana. Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt.** (Ed. W. Niepelt). — Leipzig (Urban), pp. 1–64 + pls. i–xii (4 col., 8 b.&w.).
- (1916): **Lepidoptera Niepeltiana 2. Abbildungen und Beschreibungen neuer und wenig bekannter Lepidoptera aus der Sammlung W. Niepelt.** (Ed. W. Niepelt). — Zirlau (the editor), pp. [2] + 1–26 + pls. xiii–xvii (b.&w.).
- (1927): Énumération des Hétérocères exotiques (à l'exclusion des Noctuides, des Microlépidoptères, des espèces de l'île Formosa et des espèces que j'ai décrites dans Seitz "Macrolépidoptères"). — **Entomologisches Nachrichtenblatt**, Troppau, **1** (3): 42–55.
- Swezey, O. H. (1925): Records of introduction of beneficial insects into the Hawaiian Islands. — **Hawaiian Planters' Record**, Honolulu, **29** (4): 369–376.
- Tindale, N. B. (1941): Revision of the ghost moths (Lepidoptera, Homoneura, family Hepialidae). Part IV. — **Records of the South Australian Museum**, Adelaide, **7**: 15–46, 3 pls.
- (1954): On a new genus of hepialid moths from Rarotonga in the Pacific Islands. — **Annals and Magazine of Natural History**, London, (12) **7**: 13–15, 1 pl.
- (1981): The origin of the Lepidoptera relative to Australia. — Pp. 957–976 *in*: Keast, A. (ed.), **Ecological Biogeography of Australia**. — Den Haag (W. Junk), Monographiae Biologicae 41 (2): ix + pp. 609–1434.
- Ureta R., E. (1951): Una nueva especie de *Xyleutes* Hbn. (Lep. Zeuzeridae). — **Boletín del Museo Nacional de Historia Natural**, Santiago de Chile, **25**: 73–77.
- (1956): Nuevos Heteroceros (Lep.) de Chile. — **Boletín del Museo Nacional de Historia Natural**, Santiago de Chile, **26** (6): 271–284.
- (1957): Nuevos Heteroceros (Lep.) de Chile (II parte). — **Boletín del Museo Nacional de Historia Natural**, Santiago de Chile, **27** (2): 154–164, 1 pl.
- Vergara R., R. A. (2005): IV. Insectos. — *In*: Bernal E., J. A., & Díaz D., C. A. (eds.), **Tecnología para el cultivo de la curuba**. — **Manual técnico 6**. — Rionegro (Colombia, Corporación Colombiana de Investigación Agropecuaria, CORPOICA; Centro de Investigación La Selva), 180 pp.
- Viette, P. (1949a): Contribution a l'étude des Hepialidae (4<sup>e</sup> note). Description de deux nouveaux genres sud-américains. — *Revue Française d'Entomologie*, Paris, **16** (1): 52–55.
- (1949b): Contribution a l'étude des Hepialidae (7<sup>e</sup> note). Le genre *Trichophassus* Le Cerf. — **Bulletin de la Société entomologique de France**, Paris, **54** (5): 72–73.
- (1949c): Contribution a l'étude des Hepialidae (12<sup>e</sup> note). Genres et synonymie. — **Lambillionea**, Bruxelles, **49** (9/10): 101–104.
- (1950a): Contribution a l'étude des Hepialidae (11<sup>e</sup> note). Sur quelques espèces sud-américaines. — **Annales de la Société entomologique de France**, Paris, **116**: 73–81.



- (1950b): Contribution to the study of Hepialidae (9<sup>th</sup> note): The genus *Phassodes* Bethune-Baker (Lepidoptera). — **Proceedings of the Hawaiian Entomological Society**, Honolulu, **14** (1): 189–190.
- (1950c): Contribution a l'étude des Hepialidae (15<sup>a</sup> note). Genres et espèces de l'Amérique latine. — **Revue Francaise d'Entomologie**, Paris, **17** (1): 52–62.
- (1950d): Contribution a l'étude des Hepialidae (20<sup>e</sup> note). Le genre *Druceiella* Vtt. — **Bulletin de la Société zoologique de France**, Paris, **75** (4): 165–169.
- (1950e): Contribution a l'étude des Hepialidae (19<sup>ème</sup> note). — **Entomologisk Tidskrift**, Lund, **71** (2): 144–146.
- (1950f): Contribution a l'étude des Hepialidae (22<sup>ème</sup> note). Hepialidae du Musée de Leiden. — **Zoologische Mededelingen**, Leiden, **31** (7): 67–77.
- (1951a): Contribution a l'étude des Hepialidae (13<sup>a</sup> note) (1). Sur quelques espèces sud-américaines. — **Bulletin Scientifique de Bourgogne**, Dijon, **13**: 1–[7].
- (1951b): Contribution a l'étude des Hépiàlides (16<sup>e</sup> note). Sur quelques espèces de la collection Pfitzner. — **Bulletin de la Société entomologique de France**, Paris, **55** (8): 116–119.
- (1951c): Contribution a l'étude des Hépiàlides (Lepid.) (24<sup>ème</sup> note). — **Bulletin mensuel de la Société Linneenne de Lyon**, Lyon, **20** (4): 95–96.
- (1951d): Contribution a l'étude des Hépiàlides (17<sup>e</sup> note). Les genres et leur espèce type. — **Lambillionea**, Bruxelles, **50** (7–10): 73–80.
- (1951e): Contribution to the study of Hepialidae (25<sup>th</sup> note). On some new or little known species in the British Museum. — **Annals and Magazine of Natural History**, London, (12) **4**: 1272–1282.
- (1952a): Contribution à l'étude des Hepialidae (Lepidoptera) (23<sup>ème</sup> note). — **Annalen des Naturhistorischen Museums Wien**, Vienna, **58**: 140–144.
- (1952b): Contribucion al estudio de los Hepialidae. — **Boletín de la Sociedad Venezolana de Ciencias Naturales**, Caracas, **14** (78): 27–30.
- (1953a): Contribution à l'étude des Hepialidae (27<sup>ème</sup> note). Une nouvelle espèce du Mexique. — **Mitteilungen der Munchner Entomologischen Gesellschaft**, Munich, **42**: 20–21.
- (1953b): Contribution to the study of Hepialidae (29<sup>th</sup> note). — **The Entomologist**, London, **86**: 81–82.
- (1956): Contribution à l'étude des Hepialidae (31<sup>ème</sup> note). Sur quelques spécimens du Tring Museum. — **Transactions of the Royal Entomological Society of London**, London, **107**: 373–379.
- (1961): Beiträge zur Kenntnis der Insektenfauna Boliviens XV. Lepidoptera II. Contribution à l'étude des Hepialidae. 34<sup>ème</sup> note. Espèces sud-américaines nouvelles ou peu connues du Muséum de Munich. — **Opuscula Zoologica**, Munich, **55**: 1–7, 6 figs.
- , & Fletcher, D. S. (1968): The types of Lepidoptera Heterocera described by P. Mabille. — **Bulletin of the British Museum** (Natural History), London, Entomology **21** (8): 389–425.
- Wagner, H., & Pfitzner, R. (1911): Hepialidae. — *In*: Aurivillius, C., & Wagner, H. (eds.), **Lepidopterorum Catalogus 4**. — Berlin (W. Junk), pp. 1–26.
- Walker, F. (1856 [10. v.]): **List of the specimens of lepidopterous insects in the collection of the British Museum**. Part VII. — Lepidoptera Heterocera. — London (Trustees of NHMUK), [4] pp. + pp. [1509]–1808.
- Walsingham, M. A. (1909–1915): Heterocera. Pyralidina and Hepialina (part.). — *In*: Godman, F. C., & Salvin, O. (eds.), **Biologia Centrali-Americana. Zoology. Insecta. Lepidoptera-Heterocera**. Vol. IV. Tineina. Pterophorina. Orneodina, and Pyralidina and Hepialina (part.). — London, xii + 482 pp.
- Weymer, G. (1907): Exotische Lepidopteren. — **Deutsche Entomologische Zeitschrift "Iris"**, Dresden, **20**: 1–51.
- , & Maassen, J. P. (1890): **Lepidopteren gesammelt auf einer Reise durch Columbien, Ecuador, Peru, Brasilien, Argentinien und Bolivien in den Jahren 1868–1877 von Alphons Stübel**. — Berlin (A. Asher), [1] + xi + 182 pp., 9 pls.
- Williams, F. X. (1935): *Hepialus pharus* Druce. A moth borer attacking sugar cane in Guatemala. — **Hawaiian planters' record**, Honolulu, **39** (4): 292–297.
- Winder, J. A., & Harley, K. L. S. (1983): The phytophagous insects on *Lantana* in Brazil and their potential for biological control in Australia. **Tropical Pest Management**, London, **29** (4): 346–362.

Zikán, J. F., & Zikán, W. (1968): Inseto-fauna do Itatiaia e da Mantiqueira. III. Lepidoptera. **Pesquisa agropecuária brasileira**, Rio de Janeiro, **3**: 45-109.

Zukowski, B. (1954): Aegeriidae, Cossidae und Hepialidae (Lep.). — *In*: Titschack, E. (ed.), **Beiträge zur Fauna Perus** **4**: 85-94. — Jena (G. Fischer).