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Catalogue of Neotropical Diptera. Mycetophilidae*

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Abstract

The catalogue of the Mycetophilidae of the Neotropical region is updated. The region now has records of 1145 species in 54 genera of the family. *Sytemna laticornis* Enderlein is transferred to genus *Dziedzickia* Johannsen, while *Aphelomera armata* Freeman, *A. cristata* Freeman, *A. inermis* Freeman, and *A. subcompleta* Edwards are transferred to *Neoaphelomera* Miller. *Dziedzickia coheri* Lane is proposed to be a subjective junior synonym of *D. laticornis* (Enderlein). *Coelosia neotropica* Lane, previously placed in *Coelophthina*, is reinstated in the genus *Coelosia*, while *Mycetophila macula* Enderlein, that had been transferred to *Epicyptha*, is reinstated in the genus *Mycetophila*. Specific status is given to *Tetragoneura minor* Enderlein and to *Mycomya dorsimacula* Enderlein. A new name, *Neoempheria kerteszi* Oliveira & Amorim, is given to *Neoempheria apicalis* Kertész, which is preoccupied. *Freemanomyia elongata* (Freeman), from Chile, is kept in the catalogue, though it is questionably a Mycetophilidae species. Information on the gender, status, and depositing institution of the types is included for all species whenever available. Comments are added to cases in which there is relevant new taxonomic information.

Introduction

The family Mycetophilidae (part of the fungus gnats) is worldwide in distribution, presently containing about 4.100 valid species described in 151 extant genera (Thompson & Pape, 2011). The Neotropical region encompasses more than 1,100 species in 54 genera. Most of these species were described by José Pedro Duret (280 species), John Lane (243 valid species), Paul Freeman (185 species), and Frederick Wallace Edwards (114 species), with a relevant contribution also from E.I. Coher (Papavero, 1978; Amorim *et al.*, 2002).

Until quite recently the Ditomyiidae, Bolitophilidae, Diadocidiidae, Keroplatidae, and Lygistorrhinidae were included as Mycetophilidae subfamilies (*e.g.*, Wood & Borkent, 1989; Vockeroth, 1981). Hennig (1973) accepted family rank for these taxa, a position reinforced by Matile (1990) and now accepted by most authors. Amorim & Rindal (2007) proposed a phylogeny for the Mycetophiliformia in which the Cecidomyiidae would be sister to the remainder of the clade and, within this group, the Sciaridae would be the sister to the set of other families. The family Lygistorrhinidae, according to Hennig

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(1973), Matile (1990), and Amorim & Rindal (2007), is accepted to be the sister group of the Mycetophilidae.

An extensive study of the phylogenetic relationships within the Mycetophilidae is still wanting. The monophyly of the family is, nevertheless, a consensus in the literature (Søli, 1997a; Tozoni, 1998; Amorim & Rindal, 2007; Rindal *et al.*, 2009a). Most recent classifications accept Sciophilinae, Gnoristinae, Mycomyinae, Leiinae, Manotinae, Allactoneurinae, and Mycetophilinae as subfamilies of Mycetophilidae (Søli, 1997a; Tozoni, 1998). This classification system follows the ideas previously proposed by Edwards (1925), Tuomikoski (1966b), Hennig (1973), and Väisänen (1984). Sciophilinae *s.l.*, has been demonstrated as paraphyletic in several phylogenetic studies both based on morphological (Søli, 1997a; Tozoni, 1998; Amorim & Rindal, 2007) and molecular data (Rindal *et al.*, 2009a), reinforcing the ranking these taxa as independent subfamilies, not as tribes of Sciophilinae.

The Sciophilinae *s.s.* may still be paraphyletic relative to the remaining mycetophilids (Søli, 1997a; Amorim & Rindal, 2007), but has been recovered as a monophyletic in some recent studies (*e.g.*, Borkent & Wheeler, 2013). The Neotropical region has 19 of 37 genera of sciophilines. A phylogenetic study performed by Oliveira (2013), with species from all mycetophilid subfamilies, highlights some doubtful points regarding the group classification especially concerning the Leiinae. The Gnoristinae, with more than 25 genera in the world, has a relatively poor fauna in the neotropics, with only six genera. The Leiinae comprises seven of the 26 genera of the subfamily. The study of Oliveira (2013) defines important subclades in Leiinae and solves some doubts about the position of some genera, *e.g.* *Tetragoneura* Winnertz and *Docosia* Winnertz (with *Novakia* Strobl and *Ectrepesthoneura* Enderlein). For the time being these genera were kept in the subfamily Gnoristinae, but it could be the case that they constitute a separate clade with subfamily status. The Mycomyinae comprises in the Neotropical region three of the ten genera of the world, but it is possible that *Neoempheria* is paraphyletic in relation to some of these genera. Allactoneurinae, to which a single genus has been assigned, is the only subfamily entirely missing in the Neotropical region, while the Manotinae is represented in the region by a single genus, with the other three genera of the subfamily not represented in the neotropics. The Mycetophilinae clearly comprises a monophyletic group, as stated by Tuomikoski (1966b), Søli (1997a), Tozoni (1998), and Oliveira (2013). Recent phylogenies for the world genera of Mycetophilinae based on molecular data were published by Rindal & Søli (2006), Rindal *et al.* (2007), and Rindal *et al.* (2009b).

The mycetophilids include small to medium-sized fungus gnats, with thorax distinctly arched, long coxae, and well developed tibial spurs. More adults can be found when fungi produce fruiting bodies (Hutson *et al.*, 1980). They are often found in dark places, including humid banks in woods, cliffs, rivers, root system of fallen trees, mouths of caves, culverts and tunnels. Most species show a crepuscular behaviour, with a peak of activity at dusk and another less important at dawn; during the daylight they may rest (Hutson *et al.*, 1980), but often fly actively where sunlight reaches mainly shaded humid situations, *e.g.* along streams in wooded areas.

According to Jakovlev *et al.* (2008), larvae are often found in fruiting bodies of epigeal fungi of different saprotrophic and mycorrhizal species, fruiting bodies of wood-growing fungi and slime moulds, decaying wood of deciduous or coniferous trees, and mineral soil and leaf litter with or without ground vegetation. The larvae are unknown for most species of the family. Many of the species with known biology live in fruiting bodies of various fungi or in mycelium (Søli, 1997a). Most known larvae feed on hyphae and on reproductive parts of fungi, sporophores of soft fungi, on mycelium penetrating dead wood, or other organic matter. They are more common in forests than in open environments (Hutson *et al.*, 1980; Rindal & Søli, 2006; Rindal *et al.*, 2009a). Some few genera have divergent biologies. Pupation takes place in the substrate in the case of rapidly decaying fungi or, in exceptional cases, in the host fungi (Vockeroth, 1981). Important information on the biology of mycetophilids were provided in the literature through the contributions of Chandler (*e.g.*, 1993, 2010b), and recently Ševčík (2010) and of Jakovlev (2011). There is an unpublished record of a *Sciophila* species with an association to galls in Brazil (Cid-Maia, *pers. comm.*).

Since most mycetophilid species are strongly dependent on fungi in forests and the fungi are dependent on the forest age, health and inner structure, human activity may strongly impact locally the species composition of the fungus gnat fauna. Hence, the Mycetophilidae can be objectively used as indicators in forest monitoring and conservation studies (Økland 1994, 1996; Økland *et al.*, 2005).

Most of the species and genera are known from cold and temperate areas, but there is a significant number of genera with tropical distribution (Søli *et al.*, 2000). The biology of the Neotropical species is poorly known, but it basically follows that of the genera elsewhere in the world, with adults more common in humid environments, especially forests. Larvae feed mainly on fungi growing over rotting trunks and leaves. Oliveira *et al.* (submitted) reported the first association between mycetophilids and fungi in Neotropics, *Neoempheria puncticoxa* Edwards was reared from a Polyporales fungus of the genus *Sparassis*. Temperate elements of the mycetophilid fauna in South America are strongly connected to the temperate forests, especially those with gymnosperms (*e.g.*, *Araucaria* in Chile and southern Brazil) and *Nothofagus* species.

The Mycetophiliformia are present in the fossil record of the Jurassic, but mostly with species that resemble the Rangomaramidae (Rohdendorf, 1964; Amorim & Rindal, 2007). The Mycetophilidae *s.s.* are quite abundant in the fossil record of the Cretaceous ((Evenhuis, 1994; Amorim & Silva, 2002; Blagoderov & Grimaldi, 2004), so it is possible that most clades of generic rank in the family were not differentiated prior to the first steps of the division of Gondwanaland. This seems corroborated by the absence of species in South Africa for genera with circumantarctic relationships (Amorim

et al., 2009). Nevertheless, different genera, especially in the Sciophilinae, but also in the Leiinae (*e.g.*, the set of genera around *Cycloneura*) have an amphitropic distribution (in the sense of Matile, 1990).

There were 749 valid species in the previous catalogue of the fauna of the Neotropical region (Papavero, 1978) and 1145 valid species in this catalogue. The number of species still to be described, however, is very high. Oliveira *et al.* (2007) reported new generic occurrences for the Neotropical Region and recently the diversity of some genera has been studied by Amorim & Oliveira (2008), Amorim *et al.* (2008a,b), Oliveira & Amorim (2010a,b, 2011, 2012), and Oliveira *et al.* (2012). The most species-rich genus in the Neotropical region is by far *Mycetophila*, with 328 species. A recent study of the dipteran diversity in Brazil (Amorim *et al.*, 2010) suggests that there may be between one and two undescribed species for each described species of Diptera in the Atlantic Forest, a proportion probably even higher in other areas, especially in the Amazon and northern Andes, to which very little attention has been given to date in terms of sampling and describing the mycetophilid fauna. The diversity of the Mycetophilidae in the Neotropical region may be over 4.000 species.

The types of Neotropical species of Mycetophilidae are deposited mostly at the Natural History Museum, London (334 holotypes)—with notes, label data and habitus photos made available by Amorim & Oliveira (2013)—, 268 in the Muséum National d’Histoire Naturelle, Paris (which acquired part of the Duret Collection), and the Museu de Zoologia da Universidade de São Paulo, São Paulo (224 holotypes). An important number of primary types of other Neotropical species of Mycetophilidae are also deposited in Ottawa, Warsaw and Vienna. Regional catalogues and lists of species have been published for the state of Mato Grosso do Sul, Brazil (Oliveira *et al.*, in press) and Colombia (Oliveira & Amorim, in press).

A comment should be added here on Philippi’s types mentioned along the catalogue. The Chilean dipterist Mario Elgueta (*in litt.*) very kindly commented that both Philippi father and son had private collections and sent specimens to other institutions, and there are indications that collections have been sold. Types of Scarabaeoidea are known to be, *e.g.*, in the Prague Museum. As well, syntypes of Bruchinae are known to be at the Museum of the Institute of Zoology in Warsaw. This suggests that types of Chilean species of Mycetophilidae described by Philippi may not be lost, though they have still not been found.

The original description of some of the mycetophilid species described for the neotropics are enough to assign them to a subfamily, genus or subgenus, but their types are unavailable or not revised, and they are unrecognizable at the specific level. They are kept unplaced in this catalog at the lowest level to which they can be assigned with certainty. Along the catalogue, the “†” symbol indicates a species known from the fossil record.

List of acronyms of the depository institutions of the types:

AMNH – American Museum of Natural History, New York, USA.

ANSP – Academy of Natural Sciences, Philadelphia, USA.

CAIM – Collection of Arthropods with Medical Importance, Mexico City, Mexico.

CAS – California Academy of Sciences, San Francisco, USA.

CC – Coher Collection, Florida, USA.

CNC – Canadian National Collection of Insects, Arachnids, and Nematodes, Ottawa, Canada.

CUC – Cornell University Collection, Ithaca, USA.

HNHM – Hungarian Natural History Museum, Budapest, Hungary [these types are presumed to be lost].

IAvH – Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, Bogotá, Colombia.

IML – Instituto Miguel Lillo, Tucumán, Argentina.

INBio – Instituto Nacional de Biodiversidad, Santo Domingo, Costa Rica.

IPPA – Instituto de la Patagonia, Punta Arenas, Argentina.

ISUM – Iowa State University Museum, Ames, Iowa, USA.

IZBE – Institute of Agricultural and Environmental Sciences, Estonian University of Life Sciences [former Institute of Zoology and Botany], Tartu, Estonia.

KUM – Kyushu University Museum, Fukuoka, Japan.

LEM – Lyman Entomological Museum, McGill University, Ste-Anne-de-Bellevue, Canada.

MCZ – Museum of Comparative Zoology, Harvard University, Cambridge, USA.

MFAS – Museo de la Facultad de Agronomía de Santiago, Santiago,

Chile.

MLP – Museo de La Plata, La Plata, Argentina.

MNGW – Museum von Natürlicher Geschichte von Wien, Vienna, Austria.

MNHN – Muséum national d’Histoire naturelle, Paris, France.

MTD – Museum für Tierkunde, Dresden, Germany.

MZUSP – Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil.

NHM – Natural History Museum, London, United Kingdom.

PAN – Polish Academy of Science, Museum of the Institute of Zoology (formerly at the Zoologischen Museums Stettin), Warsaw, Poland.

SMNH – Swedish Museum of Natural History, Stockholm, Sweden.

SNOW – Snow Entomological Museum, University of Kansas, USA.

SC – Shaw Collection.

UC – Universidad de Chile, Santiago, Chile.

UCB – University of California at Berkeley, Berkeley (Poinar collection), USA.

USNM – Smithsonian National Museum of Natural History, Washington DC, USA.

UT – Università di Torino, Turin, Italy.

WSU – Washington State University, Pullman, USA.

ZMUH – Zoologische Institut Zoologisches Museum, Hamburg, Germany.

ZSM – Zoologische Staatssammlung München, Germany.

ZMUN – University of Oslo, Zoological Museum, Oslo, Norway.

A synthesis of the number of Neotropical species of Mycetophilidae is given in Table I.

Table I. Synopsis of the Neotropical diversity of the family Mycetophilidae.

	Known species		
Sciophilinae		<i>Mycomya</i> Rondani	86
<i>Acnemia</i> Winnertz	5	<i>Neoempheria</i> Osten Sacken	69
<i>Allocotocera</i> Mik	4	Leiinae	
<i>Aneura</i> Marshall	4	<i>Aphrastomyia</i> Coher & Lane	11
<i>Azana</i> Walker	1	<i>Leia</i> Meigen	64
<i>Cluzobra</i> Edwards	41	<i>Leiella</i> Enderlein	11
<i>Duretophragma</i> Borkent	12	<i>Megophthalmidia</i> Dziedzicki	7
<i>Eudicrana</i> Loew	7	<i>Paraleia</i> Tonnoir	18
<i>Leptomorphus</i> Curtis	9	<i>Procydoneura</i> Edwards	4
<i>Megalopelma</i> Enderlein	4	<i>Rondaniella</i> Johannsen	1
<i>Monoclona</i> Mik	7	<i>Thoracotropis</i> Freeman	1
<i>Neophelomera</i> Miller	4	Manotinae	
<i>Neuratelia</i> Rondani	1	<i>Manota</i> Williston	51
<i>Paratrizygia</i> Tonnoir	4	Mycetophilinae	
<i>Parvicellula</i> Marshall	4	Exechiini	
<i>Phthinia</i> Winnertz	7	<i>Boraceomyia</i> Lane	8
<i>Sciophila</i> Meigen	11	<i>Brevicornu</i> Marshall	7
<i>Trizygia</i> Skuse	5	<i>Exechiopsis</i> Tuomikoski	8
Unplaced Sciophilinae	8	<i>Neallopedia</i> Edwards	2
Gnoristinae		<i>Rymosia</i> Winnertz	5
<i>Adicroneura</i> Vockeroth	2	<i>Synplasta</i> Skuse	1
<i>Austrosynapha</i> Tonnoir	36	Unplaced Exechiini	2
<i>Aysenmyia</i> Duret	1	Mycetophilini	
<i>Coelophthinia</i> Edwards	2	<i>Epicypsa</i> Winnertz	60
<i>Coelosia</i> Winnertz	8	<i>Mycetophila</i> Meigen	328
<i>Docosia</i> Winnertz	3	<i>Phronia</i> Winnertz	2
<i>Dziedzickia</i> Johannsen	40	<i>Platurocypta</i> Enderlein	2
<i>Schnusea</i> Edwards	5	<i>Pleurogymnus</i> Freeman	1
<i>Synapha</i> Meigen	10	<i>Sceptonia</i> Freeman	4
<i>Tetragoneura</i> Winnertz	79	<i>Trichonta</i> Winnertz	14
Unplaced Gnoristinae	2	<i>Zygomysia</i> Winnertz	15
Mycomyinae		Questionable Mycetophilidae	
<i>Echinopodium</i> Freeman	36	<i>Freemanomyia</i> Jaschhof	1
		Total	1145

FAMILY MYCETOPHILIDAE

Mycetophilites Newman, 1834: 379, 386.

Mycetophilidae Macquart, 1838a: 76 (1838b: 80).

Mycetophiloidea Malloch, 1917: 182, 246.

Ref.: Söli, 1997a (phylogeny), Tozoni, 1998 (phylogeny), Rindal *et al.*, 2009a (phylogeny).

Subfamily **Sciophilinae** Rondani, 1840

Sciophilinae Rondani, 1840: 6.

Sciophilina Loew, 1850: 34.

Sciophilinae Enderlein, 1910a: 207.

Schiophilidae Frey, 1942: 8.

Ref.: Borkent & Wheeler, 2013 (phylogeny).

Genus **Acnemia** Winnertz, 1863

Acnemia Winnertz, 1863: 798. Type-species, *Leia nitidicollis* Meigen (Johannsen, 1909: 63).

Agaricobia Philippi, 1865: 626. Type-species, *fulvicollis* Philippi (monotypy).

flavicoxa Freeman, 1951: 60, fig. 116 (♂ terminalia). Type-locality: “Chile”. Ref.: Amorim & Oliveira, 2013: 5 (comments on types and label data), fig. 1 (habitus). Holotype ♂, NHM.

freemani Lane, 1956a: 121, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Holotype ♂, MZUSP.

fulvicollis (Philippi, 1865): 626, pl. 24, fig. 11 (whole insect) (*Agaricobia*). Type-locality: Chile, Santiago, near Santiago. Distr.: Argentina (Neuquén), Chile (Valparaíso, Santiago, Llanquihué). Ref.: Freeman, 1951: 58, fig. 114 (♂ terminalia); Amorim & Oliveira, 2013: 5 (comments on types and label data), fig. 2 (habitus). Type, ?.

funerea Freeman, 1951: 59, fig. 115 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Ref.: Amorim & Oliveira, 2013: 6 (comments on types and label data), fig. 3 (habitus). Holotype ♂, NHM.

vittata Freeman, 1951: 59, fig. 274 (wing). Type-locality: Chile, Llanquihué, Casa Pangué. Ref.: Amorim & Oliveira, 2013: 6 (comments on types and label data), fig. 4 (habitus). Holotype ♀, NHM.

Genus **Allocotocera** Mik, 1886

Eurycera Dziedzicki, 1885: 169 (preocc. Laporte, 1833). Type-species, *E. flava* Dziedzicki (mon.) = *pulchella* (Curtis).

Allocotocera Mik, 1886a: 102 (*nom. nov.* for *Eurycera* Dziedzicki). Type-species, *Eurycera flava* Dziedzicki (auct.) = *pulchella* (Curtis).

coxiponensis Lane, 1952a: 134, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

flavicoxa Freeman, 1951: 51, figs. 102 (♂ terminalia), 275 (wing). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro), Chile (Osorno, Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 6 (comments on types and label data), fig. 5 (habitus). Holotype ♂, NHM.

glandularis Edwards, 1940a: 453. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 6 (comments on types and label data), fig. 6 (habitus). Holotype ♂, NHM.

nigricoxa Freeman, 1951: 52, figs. 103-104 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Nahuel Huapí. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihué, Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1984c: 39 (distribution); Amorim & Oliveira, 2013: 6 (comments on types and label data), fig. 6 (habitus). Holotype ♂, NHM.

Genus **Aneura** Marshall, 1896

Aneura Marshall, 1896: 256, 287. Type-species, *A. boletinoides* Marshall (mon.).

Ref.: Duret, 1975c (identification key).

basalis Freeman, 1951: 53, fig. 106 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro), Chile (Chiloé). Ref.: Duret, 1975c: 127 (distribution); Amorim & Oliveira, 2013: 8 (comments on types and label data), fig. 8 (habitus). Holotype ♂, NHM.

chilena Duret, 1975c: 128, figs. 2-3 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, MFAS.

longistila Freeman, 1951: 52, figs. 105 (♂ terminalia), 277 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Chiloé, Ñuble, Llanquihué, Magallanes). Refs.: Duret, 1975c: 127 (distribution), 1977b: 357 (distribution); Amorim & Oliveira, 2013: 8 (comments on types and label data), fig. 9 (habitus). Holotype ♂, NHM.

neuquina Duret, 1975c: 128, fig. 1 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

Genus **Azana** Walker, 1856

Azana Walker, 1856: 26. Type-species, *Azana scatopsoides* Walker, 1856: 26 (monotypy) (= *Azana anomala* Staeger, 1840).

Ref.: Coher, 1995 (revision); Matile, 1998 (new species).

atlantica Oliveira & Balbi in Amorim *et al.*, 2008b: 67. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia, Trilha dos Pilões. Holotype ♂, MZUSP.

atlantica Oliveira & Balbi in Amorim *et al.*, 2008a: 59, figs. 1-2 (head), 3 (thorax), 4 (wing), 5-6 (♂ terminalia) (*nomen nudum*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia, Trilha dos Pilões. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Genus **Cluzobra** Edwards, 1940

Cluzobra Edwards, 1940a: 463. Type-species, *Acnemia binocellaris* Edwards (orig. des.).

Ref.: Matile (1996) (revision, phylogeny); Coher (1997) (new species); Kurina (2008) (new species); Amorim & Oliveira (2008) (new species, distribution).

accola Amorim & Oliveira, 2008: 6, figs. 6 (wing), 21-22 (♂ terminalia). Type-locality: Brazil, Alagoas, Quebrangulo, Reserva Biológica Pedra Talhada. Distr.: Brazil (Alagoas). Holotype ♂, MZUSP.

aitkeni Lane, 1956a: 123, figs. 5 (wing), 6 (♂ terminalia). Type-locality: Trinidad, Arena Forest. Distr.: Trinidad, Brazil (Amapá, Roraima), French Guyana, Peru (Loreto). Ref.: Matile, 1996: 12 (redescription), figs. 40-44 (♂ terminalia), 53 (♀ terminalia). Holotype ♂, MZUSP.

annulicornis Matile, 1996: 13, figs. 26 (♂ terminalia), 54 (♀ terminalia). Type-locality: Ecuador, Pichincha, Las Palmeras, Réserve de Guyajalito, 1900 m. Distr.: Ecuador. Holotype ♂, MNHN.

binocellaris (Edwards, 1934): 362 (*Acnemia*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Paraguay, Brazil (São Paulo, Paraná, Santa Catarina), Argentina (Alto Paraná, Chaco, Corrientes). Refs.: Edwards, 1940a: 463 (as a new genus); Matile, 1996: 14 (redescription), figs. 1-4 (♂ terminalia); Amorim & Oliveira, 2008: 19 (distribution), figs. 2 (thorax), 4 (♂ terminalia), 14 (wing), 2013: 8 (comments on types and label data), fig. 10 (habitus). Holotype ♂, MNGW.

boliviana Matile, 1996: 16, figs. 10-11 (♂ terminalia), 55 (♀ terminalia). Type-locality: Bolivia (Tarija). Distr.: Bolivia. Holotype ♂, MNHN.

boulardi Matile, 1996: 18, fig. 31 (♂ terminalia), 56 (♀ terminalia). Type-locality: Brazil (Pará). Distr.: Brazil (Pará). Holotype ♂, MNHN.

brunneicauda Matile, 1996: 19, fig. 38 (♂ terminalia). Type-locality: Brazil (Pará). Distr.: Brazil (Pará). Holotype ♂, MNHN.

butleri Lane, 1959b: 118, fig. 11 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá), French Guyana, Peru (Loreto). Ref.: Matile, 1996: 20 (redescription), figs. 47-48 (♂ terminalia), 57 (♀ terminalia).

- Holotype ♂, MZUSP.
- christianae** Matile, 1996: 22, fig. 52 (♂ terminalia). Type-locality: Nicaragua, Zelaya, El Recreo. Distr.: Nicaragua. Holotype ♂, MNHN.
- claripennis** Amorim & Oliveira, 2008: 9, figs. 8 (wing), 23-24 (♂ terminalia). Type-locality: Brazil, Alagoas, Quebrangulo, Reserva Biológica Pedra Talhada. Distr.: Brazil (Paraíba, Alagoas, Bahia). Holotype ♂, MZUSP.
- coptolithus** Amorim & Oliveira, 2008: 13, figs. 10 (wing), 27-28 (♂ terminalia). Type-locality: Brazil, Alagoas, Quebrangulo, Reserva Biológica Pedra Talhada. Distr.: Brazil (Paraíba, Pernambuco, Alagoas). Holotype ♂, MZUSP.
- dureti** Matile, 1996: 23, fig. 9 (♂ terminalia). Type-locality: Argentina, Tucumán, Las Cejas. Distr.: Argentina (Tucumán). Holotype ♂, MNHN.
- edwardsi** Lane, 1960a: 381, fig. 5 (♂ terminalia). Type-locality: Trinidad, Navy Base. Distr.: Trinidad, Panama (Darién). Ref.: Matile, 1996: 23 (redescription), figs. 25 (♂ terminalia), 58 (♀ terminalia). Holotype ♂, MZUSP.
- elpidia** Amorim & Oliveira, 2008: 23, figs. 19 (wing), 37 (♂ terminalia). Type-locality: Brazil, Bahia, Ilhéus, Mata Esperança. Distr.: Brazil (Bahia). Holotype ♂, MZUSP.
- fascipennis** Edwards, 1940a: 464, fig. 8 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Goiás, Santa Catarina), Argentina (Misiones). Refs.: Lane, 1948b: 254, figs. 14-15 (♂ terminalia); Matile, 1996: 24 (redescription), figs. 51 (♂ terminalia), 59 (♀ terminalia); Amorim & Oliveira: 16 (conspecificity, distribution); Amorim & Oliveira, 2013: 8 (comments on types and label data), fig. 11 (habitus). Holotype ♀, NHM.
- fissisterna** Matile, 1996: 26, figs. 49-50 (♂ terminalia), 60 (♀ terminalia). Type-locality: French Guayana. Distr.: French Guayana. Holotype ♂, MNHN.
- flabellifera** Matile, 1996: 28, figs. 19-20 (♂ terminalia). Type-locality: Trinidad, Chaguaramas, Tucker Valley. Distr.: Trinidad. Holotype ♂, MNHN.
- flavorufa** Matile, 1996: 28, fig. 45 (♂ terminalia). Type-locality: Nicaragua, Rivas, Tola. Distr.: Nicaragua. Holotype ♂, MNHN.
- fluminense** Amorim & Oliveira, 2008: 18, figs. 13 (wing), 32 (♂ terminalia). Type-locality: Brazil, Rio de Janeiro, Nova Iguaçu, Reserva Biológica do Tinguá. Distr.: Brazil (Rio de Janeiro). Holotype ♂, MZUSP.
- fritzmuelleri** Amorim & Oliveira, 2008: 20, figs. 17 (wing), 33-34 (♂ terminalia). Type-locality: Brazil, Santa Catarina, São Bento do Sul, Rugendal. Distr.: Brazil (Santa Catarina). Holotype ♂, MZUSP.
- fuscipennis** Edwards, 1940a: 464, fig. 7 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (São Paulo, Paraná, Santa Catarina), Argentina (Misiones). Refs.: Lane, 1948b: 254, figs. 14-15 (♂ terminalia); Matile, 1996: 29 (redescription), figs. 7-8 (♂ terminalia), 61-62 (♀ terminalia); Amorim & Oliveira, 2008: 19, fig. 15 (wing) (distribution), 2013: 10 (comments on types and label data), fig. 12 (habitus). Holotype ♂, NHM.
- grandcolasi** Matile, 1996: 30, figs. 37 (♂ terminalia), 63 (♀ terminalia). Type-locality: French Guayana, Arataye. Distr.: French Guayana, Brazil (Pará). Holotype ♂, MNHN.
- lanei** Edwards, 1941a: 308, fig. 4 (wing). Type-locality: Brazil, Mato Grosso do Sul, Salobra. Distr.: Brazil (Mato Grosso do Sul, São Paulo). Refs.: Matile, 1996: 32 (redescription), figs. 30 (♂ terminalia), 64 (♀ terminalia); Amorim & Oliveira, 2008: 8 (comments on conspecificity, distribution), fig. 7 (wing), 2013: 10 (comments on types and label data), fig. 13 (habitus). Holotype ♂, NHM.
- matilei** Kurina, 2008: 65, figs. 2 (habitus), 4 (thorax), 5 (wing), 6-7, 12-13 (♂ terminalia). Type-locality: French Guyana, Régina, Kaw Mountains, Point Road 40. Distr.: French Guyana. Holotype ♂, IZBE.
- odileae** Matile, 1996: 32, figs. 21-22 (♂ terminalia), 65 (♀ terminalia). Type-locality: French Guayana, Camp des Nouragues. Distr.: French Guyana. Holotype ♂, MNHN.
- papaveroi** Amorim & Oliveira, 2008: 11, figs. 9 (wing), 25-26 (♂ terminalia). Type-locality: Brazil, Sergipe, Santa Luzia do Itanh, Crasto. Distr.: Brazil (Sergipe, Bahia). Holotype ♂, MZUSP.
- phallosoma** Matile, 1996: 33, figs. 23-24 (♂ terminalia), 66 (♀ terminalia). Type-locality: Peru, Loreto, Rio Ucayalli, Jenaro Herrera. Distr.: Peru, Ecuador. Holotype ♂, MNHN.
- plaumanni** Edwards, 1940a: 463, fig. 6 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Tucumán). Refs.: Matile, 1996: 34 (redescription, lectotype designation), figs. 5-6 (♂ terminalia), 67 (♀ terminalia); Amorim & Oliveira, 2008: 20 (distribution), fig. 16 (wing) (notes on the types), 2013: 10 (comments on types and label data), fig. 14 (habitus). Lectotype ♂, NHM.
- poulaini** Matile, 1996: 36, figs. 36 (♂ terminalia), 68 (♀ terminalia). Type-locality: Peru, Loreto, Rio Ucayali, Jenaro Herrera. Distr.: Peru (Loreto). Holotype ♂, MNHN.
- praedicta** Matile, 1996: 36, figs. 27-29 (♂ terminalia). Type-locality: Panama, Darién, Tapagra. Distr.: Panama, Trinidad. Holotype ♂, MNHN.
- sapiranga** Amorim & Oliveira, 2008: 16, figs. 12 (wing), 31 (♂ terminalia). Type-locality: Brazil, Bahia, Mata de São João, Reserva de Sapiranga. Distr.: Brazil (Paraíba, Pernambuco, Bahia). Holotype ♂, MZUSP.
- shannoni** (Lane, 1956a): 120 (*Parvicellula*). Type-locality: Panama, Canal Zone, Barro Colorado. Distr.: Panama,

- Nicaragua. Ref.: Matile, 1996: 38 (resdescription, new combination), figs. 17-18 (♂ terminalia), 69 (♀ terminalia). Holotype ♂, MNHN.
- spinata** Amorim & Oliveira, 2008: 21, figs. 3 (mesonotum), 18 (wing), 35-36 (♂ terminalia). Type-locality: Brazil, Pernambuco, Recife, Parque Dois Irmãos. Distr.: Brazil (Paraíba, Pernambuco, Alagoas, Bahia). Holotype ♂, MZUSP.
- spinulifera** Matile, 1996: 39, figs. 13-14 (♂ terminalia). Type-locality: Brazil, State of Pará, Santo Antônio do Tauá. Distr.: Brazil (Pará), French Guayana, Ecuador. Holotype ♂, MNHN.
- stangei** Matile, 1996: 40, fig. 12 (♂ terminalia). Type-locality: Argentina, Tucumán, Las Cejas. Distr.: Argentina (Tucumán). Holotype ♂, MNHN.
- tridigitata** Matile, 1996: 42, figs. 39 (♂ terminalia), 70 (♀ terminalia). Type-locality: Peru, Loreto, Rio Ucayali, Estirón. Distr.: Peru. Holotype ♂, MNHN.
- triocellata** Amorim & Oliveira, 2008: 4, figs. 5 (wing), 20 (♂ terminalia). Type-locality: Brazil, Pernambuco, Recife, Parque dos Dois Irmãos. Distr.: Brazil (Pernambuco). Holotype ♂, MZUSP.
- variegata** Matile, 1996: 44, figs. 32-33 (♂ terminalia). Type-locality: French Guayana, Camp des Nouragues. Distr.: French Guayana. Ref. Kurina, 2008: figs. 3 (habitus), 10-11 (♂ terminalia). Holotype ♂, MNHN.
- vicina** Matile, 1996: 44, figs. 34-35 (♂ terminalia). Type-locality: French Guayana, Camp des Nouragues. Distr.: French Guayana. Ref. Kurina, 2008: figs. 1 (habitus), 8-9 (♂ terminalia). Holotype ♂, MNHN.
- vockerothi** Amorim & Oliveira, 2008: 15, figs. 11 (wing), 29-30 (♂ terminalia). Type-locality: Brazil, Paraná, Morretes, Parque Estadual do Pau Oco. Distr.: Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná). Holotype ♂, MZUSP.
- yasuni** Matile, 1996: 45, figs. 15-16 (♂ terminalia). Type-locality: Ecuador, Estación Científica Yasuni. Distr.: Ecuador. Holotype ♂, MNHN.

Genus **Duretophragma** Borkent, 2013

- Duretophragma** Borkent, 2013: 419. Type-species: *Stenophragma longifurcata* Freeman, 1951: 57 (present designation).
Ref.: Duret, 1976b (identification key to Patagonian species); Borkent & Wheeler, 2013 (new combination).
- andina** (Duret, 1979c): 141, figs. 1-3 (♂ terminalia) (*Stenophragma*). Type-locality: Ecuador, Carchi, Cerro Pelado, 3200 m. Distr.: Ecuador. Ref.: Borkent & Wheeler, 2013: 419 (new combination). Holotype ♂, CNC.
- argentina** (Duret, 1976b): 80, figs. 7 (wing), 8-9 (♂ terminalia) (*Stenophragma*). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Ref.: Borkent & Wheeler, 2013: 419 (new combination). Holotype ♂, MNHN.
- fuscum** (Edwards, 1934): 362 (*Stenophragma*). Type-locality: Peru, Cuzco, 4000-4200 m. Distr.: Peru. Ref.: Borkent & Wheeler, 2013: 419 (new combination). Holotype ♂, MTD.
- humerale** (Edwards, 1934): 360 (*Stenophragma*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Paraguay. Refs.: Borkent & Wheeler, 2013: 419 (new combination); Amorim & Oliveira, 2013: 10 (comments on types and label data), fig. 15 (habitus). Holotype ♂, MNGW.
- intermedium** (Edwards, 1940a): 455 (*Stenophragma*). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Peru. Refs.: Borkent & Wheeler, 2013: 419 (new combination); Amorim & Oliveira, 2013: 10 (comments on types and label data), fig. 16 (habitus). Holotype ♂, NHM.
- longifurcata** (Freeman, 1951): 57, fig. 282 (wing) (*Stenophragma*). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro, Neuquén). Refs.: Duret, 1976b: 76 (distribution), figs. 1-2 (♀ terminalia), 3-4 (♂ terminalia); Borkent & Wheeler, 2013: 419 (new combination); Amorim & Oliveira, 2013: 11 (comments on types and label data), fig. 17 (habitus). Holotype ♀, NHM.
- morigenea** (Edwards, 1940a): 455 (*Stenophragma*). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Refs.: Borkent & Wheeler, 2013: 419 (new combination); Amorim & Oliveira, 2013: 11 (comments on types and label data), fig. 18 (habitus). Holotype ♂, NHM.
- naumanni** (Duret, 1976b): 82, figs. 10-12 (♂ terminalia), 13 (♀ terminalia) (*Stenophragma*). Type-locality: Argentina, Neuquén, Lago Nahuel Huapi, Isla Victoria. Distr.: Argentina (Neuquén). Ref.: Borkent & Wheeler, 2013: 419 (new combination). Holotype ♂, MNHN.
- nigricauda** (Edwards, 1940a): 454 (*Stenophragma*). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Argentina (Santa Catarina). Refs.: Borkent & Wheeler, 2013: 419 (new combination); Amorim & Oliveira, 2013: 11 (type comments, lectotype designation and labels data), fig. 19 (habitus). Lectotype ♂, NHM.
- obscurum** (Duret, 1976b): 84, figs. 14 (wing), 15-19 (♂ terminalia), 20-21 (♀ terminalia) (*Stenophragma*). Type-locality:

Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr. - Argentina (Neuquén), Chile (Ñuble). Refs.: Duret, 1979c: 144 (distribution); Borkent & Wheeler, 2013: 419 (new combination). Holotype ♀, MNHN.

ochraceum (Freeman, 1951): 58, fig. 281 (wing) (*Stenophragma*). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Ñuble). Refs.: Duret, 1976b: 78, figs. 5 (♀ terminalia), 6 (♂ terminalia) (distribution.), 1979c: 144 (distribution.); Borkent & Wheeler, 2013: 419 (new combination); ; Amorim & Oliveira, 2013: 11 (comments on types and label data), fig. 20 (habitus). Holotype ♀, NHM.

pleurale (Edwards, 1934): 361 (*Stenophragma*). Type-locality: Bolivia, La Paz. Distr.: Peru, Bolivia. Ref.: Borkent & Wheeler, 2013: 419 (new combination). Holotype ♀, MTD.

Genus **Eudicrana** Loew, 1869

Eudicrana Loew, 1869: 142. Type-species, *E. obumbrata* Loew (mon.).

basinerva Freeman, 1951: 49, figs. 99 (♂ terminalia), 302 (wing). Type-locality: Chile, Llanquihué, Casa Pangue. Distr.: Argentina (Río Negro), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 11 (comments on types and label data), fig. 21 (habitus). Holotype ♂, NHM.

claripennis Edwards, 1931: 258. Type-locality: Peru, Lima, Verrugas. Distr.: Peru. Ref.: Amorim & Oliveira, 2013: 13 (comments on types and label data), fig. 22 (habitus). Holotype ♀, NHM.

elegans Lane, 1948a: 251, figs. 8-10 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

pallida Freeman, 1951: 51, fig. 101 (♂ terminalia). Type-locality: "Chile". Distr.: Chile. Ref.: Amorim & Oliveira, 2013: 13 (comments on types and label data). Holotype ♂, NHM.

similis Freeman, 1951: 50, fig. 100 (♂ terminalia). Type-locality: Chile, Valparaiso, Marga-Marga. Distr.: Chile (Valparaiso). Ref.: Amorim & Oliveira, 2013: 13 (comments on types and label data). Holotype ♂, NHM.

splendens Lane, 1948a: 253, figs. 11-13 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, MZUSP.

vittata Edwards, 1931: 257. Type-locality: Peru, Junín, Colonia, Perené. Distr.: Peru, Trinidad. Refs.: Lane, 1960a: 383, fig. 8 (♂ terminalia); Amorim & Oliveira, 2013: 13 (comments on types and label data), fig. 23 (habitus). Holotype ♀, NHM.

Genus **Leptomorphus** Curtis, 1831

Leptomorphus Curtis, 1831: pl. 365. Type-species, *L. walkeri* Curtis (orig. des.).

Diomonus Walker, 1848: 87. Type-species, *D. nebulescens* Walker (mon.)

Ref.: Borkent & Wheeler, 2012 (revision, phylogeny, identification key, new species).

amorimi Borkent, in Borkent & Wheeler, 2012: 15, figs. 3 (habitus), 43 (wing), 92 (♂ terminalia), 142 (distribution map), 150, 155 (phylogeny). Type-locality: Brazil, Santa Catarina, Neudorf. Distr.: Brazil (Santa Catarina). Holotype ♂, MCZ.

brandiae Borkent, in Borkent & Wheeler, 2012: 20, figs. 6 (habitus), 46 (wing), 82 (palpus), 95 (♂ terminalia), 127 (larva), 143 (distribution map), 150, 155 (phylogeny). Type-locality: Costa Rica, Limon, Reserva Biológica Hitoy Cerere, Distr.: Costa Rica (Limon). Holotype ♂, LEM.

crassipilus Borkent, in Borkent & Wheeler, 2012: 25, figs. 10 (habitus), 50 (wing), 98 (♂ terminalia), 142 (distribution map), 150, 155 (phylogeny). Type-locality: Argentina, Tucuman, San Javier. Distr.: Argentina (Tucuman). Holotype ♂, MNHN.

eberhardi Borkent, in Borkent & Wheeler, 2012: 28, figs. 12-13 (habitus), 52 (wing), 100 (♂ terminalia), 143 (distribution map), 150, 155 (phylogeny). Type-locality: Costa Rica, San José region. Distr.: Costa Rica. Holotype ♂, ZMUN.

fasciculatus Edwards, 1933: 305. Type-locality: Bolivia, Mapiri, Sarampiuní, 700 m. Distr.: Ecuador, Peru, Bolivia, Brazil (Mato Grosso, Rio de Janeiro, São Paulo), Panama. Refs.: Edwards, 1940a: 452-453 (compared to *L. neivai*); Matile, 1977: 144 (subgeneric placement); Borkent & Wheeler, 2012: 30 (redescription), 31 (distribution), figs. 14 (habitus), 53 (wing), 80 (scutum), 101 (♂ terminalia), 142 (distribution map), 150, 155 (phylogeny); Amorim & Oliveira, 2013: 14 (comments on types and label data), fig. 24 (habitus). Holotype ♂, MTD.

femoratus Edwards, 1933: 306. Type-locality: Bolivia, Mapiri, Sarampiuní, 700 m. Distr.: Bolivia, Peru. Refs.: Edwards, 1940a: 452-453 (compared to *L. neivai*); Matile, 1977: 144 (subgeneric placement); Borkent & Wheeler, 2012: 31

- (redescription), 33 (distribution), figs. 15 (habitus), 54 (wing), 102 (♂ terminalia), 143 (distribution map), 150, 155 (phylogeny); Amorim & Oliveira, 2013: 14 (comments on types and label data). Holotype ♂, MTD.
- furcatus** Borkent, *in* Borkent & Wheeler, 2012: 35, figs. 17 (habitus), 56 (wing), 104 (♂ terminalia), 148 (distribution map) 150, 155 (phylogeny). Type-locality: USA, NM, Grant. Co., 14 mi N Silver City, Cherry Ck. Campground. Distr.: USA (New Mexico, Arizona), Mexico.
- neivai** Edwards, 1940a: 452, fig. 5 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (São Paulo, Paraná, Santa Catarina), Argentina (Misiones), Paraguay. Refs.: Lane 1958b: 150 (distribution list); Matile, 1977: 144 (subgeneric placement); Borkent & Wheeler, 2012: 49 (redescription), 50 (lectotype designation, distribution), figs. 29 (habitus), 65 (wing), 112 (♂ terminalia), 142 (distribution map), 150, 155 (phylogeny); Amorim & Oliveira, 2013: 14 (comments on types and label data), fig. 25 (habitus). Lectotype ♂, NHM.
- waodani** Borkent, *in* Borkent & Wheeler, 2012: 70, figs. 39 (habitus), 77 (wing), 90 (M foretibia), 124 (♂ terminalia), 143 (distribution map), 150, 155 (phylogeny). Type-locality: Ecuador, Orellana, Reserva Ethnica Waorani. Distr.: Ecuador. Holotype ♂, USNM.

Genus **Megalopelma** Enderlein, 1910

Megalopelma Enderlein, 1910a: 165. Type-species, *M. planiceps* Enderlein (orig. des.).

- cellulare** Edwards, 1940a: 458. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 15 (type comments, lectotype designation and labels data), fig. 26 (habitus). Lectotype ♀, NHM.
- fraudulentum** (Williston, 1896): 263, pl. 8, fig. 18 (wing) (*Phthinia*). Type-locality: St. Vincent, W.I., Windward side. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 15 (type comments, lectotype designation and labels data), fig. 27 (habitus). Lectotype ♂, NHM.
- planiceps** Enderlein, 1910a: 166, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Type F, PAN.
- platyura** Edwards, 1940a: 459. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Tucumán). Ref.: Amorim & Oliveira, 2013: 15 (type comments, lectotype designation and labels data), fig. 28 (habitus). Lectotype ♂, NHM.

Genus **Monoclona** Mik, 1886

Staegeria van der Wulp, 1876: xlix (preocc. Rondani, 1856). Type-species, *Sciophila halterata* Staeger (mon.).

Monoclona Mik, 1886b: 279 (*nom. nov.* for *Staegeria* van der Wulp). Type-species, *Sciophila halterata* Staeger (auct.) = *rufilatera* (Walker).

- abnormalis** Fisher, 1939: 229. Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.
- bicolor** (Enderlein, 1910a): 180 (*Acnemia*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♀, PAN.
vittidorsum (Enderlein, 1910a): 182 (*Acnemia*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Edwards, 1934: 363 (synonymy with *bicolor*). Holotype ♂, PAN.
- digitata** Edwards, 1940a: 460. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Paraguay (La Cordillera), Peru, Trinidad. Ref.: Amorim & Oliveira, 2013: 15 (type comments, lectotype designation and labels data), fig. 29 (habitus). Lectotype ♂, NHM.
- maculata** Edwards, 1933: 306. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro). Ref.: Amorim & Oliveira, 2013: 16 (comments on types and label data), fig. 30 (habitus). Holotype ♂, NHM.
- nigriventris** Edwards, 1940a: 461. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 16 (comments on types and label data), fig. 31 (habitus). Holotype ♂, NHM.
- tapicarei** Lane, 1952a: 136, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- trifasciata** Edwards, 1940a: 461. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 16 (comments on types and label data), fig. 32 (habitus). Holotype ♂, NHM.

Genus **Neoaphelomera** Miller, 1945

Aphelomera Skuse, 1888: 1206 (preocc. Stephens, 1833). Type-species: *A. sydneyensis* Skuse, 1888 (mon.).

Neoaphelomera Miller, 1945: 72 (*nom.nov.* for *Aphelomera* Skuse). Type-species: *A. sydneyensis* Skuse, 1888 (mon.).

armata (Freeman, 1951): 61, fig. 120 (♂ terminalia) (*Aphelomera*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina. Ref.: Amorim & Oliveira, 2013: 16 (comments on types and label data), fig. 33 (habitus). Holotype ♂, NHM. **n. comb.**

cristata (Freeman, 1951): 60, fig. 117-119 (♂ terminalia), 278 (wing) (*Aphelomera*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Ñuble, Llanquihué, Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1984c: 39 (distribution); Amorim & Oliveira, 2013: 16 (comments on types and label data), fig. 34 (habitus). Holotype ♂, NHM. **n. comb.**

inermis (Freeman, 1951): 61 (*Aphelomera*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 18 (comments on types and label data), fig. 35 (habitus). Holotype ♀, NHM. **n. comb.**

subcompleta (Edwards, 1940a): 462 (*Aphelomera*). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 18 (comments on types and label data), fig. 36 (habitus). Holotype ♂, NHM. **n. comb.**

Genus **Neuratelia** Rondani, 1856

Neuratelia Rondani, 1856: 195. Type-species, *Mycetophila nemoralis* Meigen (orig. des.).

sapaici Lane, 1952a: 135, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Genus **Paratrizygia** Tonnoir, 1929

Paratrizygia Tonnoir, 1929: 605. Type-species, *P. conformis* Tonnoir (orig. des.).

Refs.: Oliveira & Amorim, 2010a (identification key); Amorim *et al.*, 2011 (holotype redescription), figs. 1 (wing), 2-3 (♂ terminalia).

infuscata Freeman, 1951: 63, figs. 124-125 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro), Chile (Llanquihué, Magallanes). Refs.: Duret, 1984c: 39 (distribution); Amorim & Oliveira, 2013: 18 (comments on types and label data), fig. 37 (habitus). Holotype ♂, NHM.

lanfrancoae Duret, 1984c: 41, figs. 1-2 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Lago Lapataia. Distr.: Argentina (Tierra del Fuego), Chile (Magallanes). Ref.: Duret, 1984c: 39 (distribution). Holotype ♂, MNHN.

setifera Freeman, 1951: 62, figs. 121-122 (♂ terminalia), 279 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 18 (comments on types and label data), fig. 39 (habitus). Holotype ♂, NHM.

spinulosa Freeman, 1951: 62, fig. 123. Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 19 (comments on types and label data), fig. 40 (habitus). Holotype ♂, NHM.

Genus **Parvicellula** Marshall, 1896

Parvicellula Marshall, 1896: 256, 284. Type-species, *P. triangula* Marshall (mon.)

flabellifera Freeman, 1951: 55, fig. 110 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 19 (comments on types and label data), fig. 41 (habitus). Holotype ♂, NHM.

producta Freeman, 1951: 55, fig. 111 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 19 (comments on types and label data), fig. 42 (habitus). Holotype ♂, NHM.

quadripectinata Edwards, 1940a: 461. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa

Catarina). Ref.: Amorim & Oliveira, 2013: 18 (comments on types and label data), fig. 38 (habitus). Holotype ♂, NHM.

Comments. Amorim & Oliveira (2013) mistakenly listed this species together with the species of *Paratrizygia*, but it actually belongs to the genus *Parvicellula*.

shannoni Lane, 1956a: 120, fig. 3 (♂ terminalia). Type-locality: Panama, Canal Zone, Barro Colorado I. Distr.: Panama. Holotype ♂, USNM.

Genus **Phthinia** Winnertz, 1863

Phthinia Winnertz, 1863: 779. Type-species, *P. humilis* Winnertz (Johannsen, 1909: 83).

Ref.: Oliveira & Amorim, 2010b (new species, identification key).

fasciata Freeman, 1951: 54, fig. 109 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Chile (Llanquihué). Refs.: Oliveira & Amorim, 2010b: 31 (comments); Amorim & Oliveira, 2013: 19 (comments on types and label data), fig. 43 (habitus). Holotype ♂, NHM.

flagellata Freeman, 1951: 53, figs. 107 (♂ terminalia), 276 (wing). Type-locality: Argentina, Río Negro, Lago Nahuel Huai, eastern end. Distr.: Argentina (Río Negro). Refs.: Oliveira & Amorim, 2010b: 31 (comments); Amorim & Oliveira, 2013: 20 (comments on types and label data), fig. 44 (habitus). Holotype ♂, NHM.

freemani Oliveira & Amorim, 2010b: 28, 3 (wing), 7 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, MZUSP.

furcata Freeman, 1951: 54, fig. 108 (♂ terminalia). Type-locality: Chile, Chiloé. Distr.: Chile (Chiloé, Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1984c: 39 (distribution); Oliveira & Amorim, 2010b: 31 (comments); Amorim & Oliveira, 2013: 20 (comments on types and label data), fig. 45 (habitus). Holotype ♂, NHM.

parafurcata Oliveira & Amorim, 2010b: 30, 4 (wing), 8 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, MZUSP.

theresae Oliveira & Amorim, 2010b: 23, 1 (wing), 5 (♂ terminalia). Type-locality: Brazil, Espírito Santo, Estação Ecológica Santa Lúcia. Distr.: Brazil (Espírito Santo). Holotype ♂, MZUSP.

urubici Oliveira & Amorim, 2010b: 26, 2 (wing), 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Morro Igreja. Distr.: Brazil (Santa Catarina). Holotype ♂, MZUSP.

Genus **Sciophila** Meigen, 1818

Sciophila Meigen, 1818: 245. Type-species, *S. hirta* Meigen (Curtis, 1837: pl. 641).

Lasiosoma Winnertz, 1863: 748. Type-species, *Sciophila pilosa* Meigen (Coquillett, 1910: 558) = *Sciophila hirta* Meigen.

Ref.: Chandler, 2006 (revision of Neotropical species, lectotype designations).

aberrans Philippi, 1865: 625. Type-locality: Chile, Santiago, Mt. S. Cristóval. Distr.: Chile. Type, ?.

antarctica Walker, 1837: 334. Type-locality: Straits of Magellan, Port Famine. Distr.: Chile (Magallanes). Refs.: Freeman, 1951: 56, figs. 112 (♂ terminalia), 284 (wing); Amorim & Oliveira, 2013: 20 (comments on types and label data), fig. 46 (habitus). Holotype ♂, NHM.

arnaudi Zaitzev, 1982: 21, pl. 3, fig. 7 (♂ terminalia). Type-locality: Mexico, Sonora, Alamos. Distr.: Mexico. Holotype ♂, CAS.

australis Philippi, 1865: 625. Type-locality: Chile, Valdivia Prov. Distr.: Chile. Type, ?.

ciliata Edwards, 1940a: 456. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Refs.: Chandler, 2006: 22 (redescription, lectotype designation), figs. 1-3 (♂ terminalia); Amorim & Oliveira, 2013: 20 (comments on types and label data), fig. 47 (habitus). Lectotype ♂, NHM.

cincticornis Edwards, 1940a: 458. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Misiones). Ref.: Chandler, 2006: 22 (redescription, lectotype designation), figs. 4-5 (♂ terminalia), 13 (wing); Amorim & Oliveira, 2013: 22 (comments on types and label data), fig. 48 (habitus). Lectotype ♂, NHM.

cinctifemur Shaw, 1940: 808, fig. 8 (♂ terminalia). Type-locality: Costa Rica, Valley of the General, Pedregoso, 2075 ft. Distr.: Costa Rica. Holotype ♂, SC.

fidelis Edwards, 1940a: 457. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Refs.: Chandler, 2006: 23 (redescription), figs. 6-8 (♂ terminalia); Amorim & Oliveira, 2013: 22 (comments on types and label data), fig. 49 (habitus). Holotype ♂, NHM.

fractinervis Edwards, 1940a: 457. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa

Catarina), Europe (introduced: Netherlands, Great Britain). Refs.: Chandler, 2006: 24 (redescription, lectotype designation), figs. 9-10 (♂ terminalia); Chandler & Pijnakker, 2009: 91, fig. 20 (♂ terminalia); Chandler, 2010a: 50, figs. 1-2 (larva in web on *Lisianthus* plant), 3 (cocoon); Amorim & Oliveira, 2013: 22 (comments on types and label data), fig. 50 (habitus). Lectotype ♂, NHM.

garretti Zaitzev, 1982: 35, pl. 7, fig. 7 (♂ terminalia). Type-locality: Canada, British Columbia, Marysville. Distr.: Canada, USA (California, Idaho), Mexico (Baja California). Holotype ♂, NHM.

ocreata Philippi, 1865: 625. Type-locality: Chile, Santiago, Santiago. Distr.: Chile (Santiago, Juan Fernandez Isl.), New Zealand (introduced). Refs.: Toft & Chandler, 2004, 47 fig. 5 (whole female insect); Chandler, 2006: 25 (redescription), figs. 11-12 (♂ terminalia), 14 (wing); Amorim & Oliveira, 2013: 22 (comments on types and label data), fig. 51 (habitus). Type, ?.

Genus *Trizygia* Skuse, 1888

Trizygia Skuse, 1888: 1137, 1204. Type-species, *T. flavipes* Skuse (mon.).

Ref.: Oliveira & Amorim, 2010a (new species, identification key); Borkent & Wheeler, 2013 (new combination).

albidens (Oliveira & Amorim, 2010a): 40, 6 (wing), 12 (♂ terminalia), 13 (♀ terminalia) (*Paratrizygia*). Type-locality: Brazil, São Paulo, Sertãozinho, Estação Ecológica Augusto Ruschi. Distr.: Brazil (São Paulo). Ref.: Borkent & Wheeler, 2013: 424 (new combination). Holotype ♂, MZUSP.

alvesi (Oliveira & Amorim, 2010a): 32, figs. 2 (thorax), 4 (wing), 8 (♂ terminalia), 9 (♀ terminalia) (*Paratrizygia*). Type-locality: Brazil, Rio de Janeiro, Parque Estadual do Desengano. Distr.: Brazil (Rio de Janeiro, São Paulo, Minas Gerais, Santa Catarina). Ref.: Borkent & Wheeler, 2013: 424 (new combination). Holotype ♂, MZUSP.

balbii (Oliveira & Amorim, 2010a): 30, figs. 1 (habitus), 3 (wing), 7 (♂ terminalia) (*Paratrizygia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Ecológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Borkent & Wheeler, 2013: 424 (new combination). Holotype ♂, MZUSP.

camargoi (Oliveira & Amorim, 2010a): 34, figs. 5 (wing), 10 (♂ terminalia), 11 (♀ terminalia) (*Paratrizygia*). Type-locality: Brazil, Bahia, Ilhéus, Mata Esperança. Distr.: Brazil (Bahia). Ref.: Borkent & Wheeler, 2013: 424 (new combination). Holotype ♂, MZUSP.

nitens Edwards, 1940a: 462. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 22 (comments on types and label data), fig. 52 (habitus). Lectotype ♀, NHM.

Unplaced species of *Sciophilinae*

obsoleta Blanchard, *in* Gay, 1852: 347 (*Sciophila*). Type-locality: Chile, Valparaíso. Distr.: Chile (Valparaíso). Type lost.

paranensis Lynch Arribálzaga, 1892: 413 (1892: 39) (*Lasiosoma*). Type-locality: Argentina, Entre Ríos; Paraná, Buenos Aires; Baradero; Las Conchas; Navarro. Distr.: Argentina. Type lost.

popocatepetli Bellardi, 1859: 11 (*Sciophila*). Type-locality: Mexico, Volcan Popocatepetl, 3800 m. Distr.: Mexico. Type F, UT.

praecox Philippi, 1865: 624 (*Sciophila*). Type-locality: Chile, Santiago, Santiago. Distr.: Chile (Santiago). Type, ?.

pusilla Philippi, 1865: 625 (*Sciophila*). Type-locality: Chile, Valdivia. Distr.: Chile (Valdivia). Type, ?.

thoracica Philippi, 1865: 624 (*Sciophila*). Type-locality: Chile, Valdivia, Corral. Distr.: Chile (Valdivia). Type, ?. [homonym of *Sciophila thoracica* Staeger, 1840: 225 (Denmark)]

Comment. The type of this species still could not be localized. This is, as well, an unplaced sciophiline species, so we preferred to refrain ourselves of proposing a new name, despite it being a junior homonym of *S. thoracica* Staeger.

tristis Bigot, 1888: 13, pl. 3, fig. 2 (whole insect) (*Sciophila*). Type-locality: Cape Horn. Distr.: Argentina (Tierra del Fuego). Type, ?.

vernalis Philippi, 1865: 624 (*Sciophila*). Type-locality: Chile, Santiago, Santiago. Distr.: Chile (Santiago). Type, ?.

Subfamily *Gnoristinae* Edwards, 1925

Gnoristini Edwards, 1925: 546, 565.

Gnoristinae Hennig, 1948: 99, 101.

Genus **Adicroneura** Vockeroth, 1980

Adicroneura Vockeroth, 1980: 535. Type-species, *A. biocellata* Vockeroth (orig. des).

Ref.: Matile, 1995: 9 (generic delimitation).

Comments. Jaschhof & Jaschhof (2009) comment that the Chilean species described by Matile (1995) in this genus may not be congeneric with the Nearctic type-species of *Adicroneura*.

disjuncta Matile, 1995: 9, figs. 1 (wing), 3 (♂ terminalia). Type-locality: Chile, Osorno, N.W. Volcán Osorno. Distr.: Chile (Osorno, Talca). Holotype ♂, MNHN.

meridionalis Matile, 1995: 8, fig. 2 (♂ terminalia). Type-locality: Chile, Osorno, N.W. Volcán Osorno, La Picada. Distr.: Chile (Osorno). Holotype ♂, MNHN.

Genus **Austrosynapha** Tonnoir, 1929

Austrosynapha Tonnoir, 1929: 607. Type-species, *A. hirta* Tonnoir (orig. des).

Ref.: Duret, 1972: 76 (partial identification key).

A. (Paraaustrosynapha) Duret, 1980a: 146. Type-species, *A. filicauda* Edwards (orig. des.). **n. syn.**

A. (Neoaustrosynapha) Duret, 1980a: 148. Type-species, *A. cornuta* Duret (orig. des.). **n. syn.**

Comments. Duret (1980a) described the subgenera *A. (Paraaustrosynapha)* and *A. (Neoaustrosynapha)*. The diagnoses of both subgenera include some apomorphies and they probably correspond to clades within the genus. The diagnosis of the type subgenus, *A. (Austrosynapha)* in the way it is presently defined is based on plesiomorphies and would probably result in a paraphyletic arrangement inside the genus. A complete revision of the genus could result in the division of the subgenus *A. (Austrosynapha)* in such a way that all subgenera become monophyletic, case in which Duret's (1980a) subgenera may be reinstated.

andina Duret, 1977c: 77, figs. 11 (♂ terminalia). Type-locality: Ecuador, Carchi, Troya, 2950 m. Distr.: Ecuador. Holotype ♂, CNC.

argentiniensis Duret, 1972: 69, figs. 2-3 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

bejaranoi Duret, 1972: 69, figs. 4-5 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

bidentata Duret, 1975a: 311, fig. 1 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará, Parque Nacional Lanín, Lago Lácar. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

chilena Duret, 1980a: 152, figs. 9-10 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.

cornuta Duret, 1980a: 148, figs. 5-6 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.

cuzquena Duret, 1977c: 79, figs. 12 (♂ terminalia). Type-locality: Peru, Cuzco, Quincemil, 780 m. Distr.: Peru. Holotype ♂, CNC.

dentata Freeman, 1951: 72, figs. 139-140 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco). Refs.: Duret, 1977c: 70 (distribution), 1984a: 38 (distribution); Amorim & Oliveira, 2013: 23 (comments on types and label data), fig. 53 (habitus). Holotype ♂, NHM.

distincta Duret, 1980a: 150, figs. 7-8 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.

erecta Duret, 1974b: 119, figs. 1-3 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

filicauda (Edwards, 1934): 364 (*Synapha*). Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Paraguay, Argentina (Tucumán), Brazil (São Paulo). Ref.: Duret, 1980a: 147, fig. 1-2 (♂ terminalia), 3 (♀ terminalia) (distr.). Holotype ♂, MNGW.

forcipata Freeman, 1951: 71, fig. 137 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Aysen, Cautín, Curicó, Malleco, Ñuble, Chiloé, Llanquihué, Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1977c: 70 (distribution), 1984a: 38 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 23 (comments on types and label data), fig. 54 (habitus). Holotype ♂, NHM.

freemani Lane, 1960a: 382, fig. 6 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

furcata Lane, 1954a: 109, fig. 13 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo. Distr.: Brazil (São Paulo).

Holotype ♂, MZUSP.

- ibarra** Duret, 1972: 71, figs. 6-7 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Malleco). Refs.: Duret, 1977c: 71 (distribution), 1984a: 38 (distribution). Holotype ♂, MNHN.
- lamellata** Freeman, 1951: 73, fig. 144 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Aysen, Chiloé, Llanquihué). Refs.: Duret, 1977c: 71 (distribution); Duret, 1989b: 214 (corr.); Amorim & Oliveira, 2013: 23 (comments on types and label data), fig. 55 (habitus). Holotype ♂, NHM.
- martinezi** Duret, 1972: 71, figs. 8-9 (♂ terminalia). Type-locality: Argentina, Neuquén, Isla Victoria. Distr.: Argentina (Neuquén), Chile (Chiloé, Cautín, Malleco, Curicó, Aysen, Magallanes, Ñuble). Refs.: Duret, 1977b: 357 (distribution), 1977c: 71 (distribution), 1984a: 38 (distribution), 1984c: 40 (distribution). Holotype ♂, MNHN.
- naumanni** Duret, 1972: 73, figs. 11-12 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Aysen, Cautín). Ref.: Duret, 1977c: 71 (distribution). Holotype ♂, MNHN.
- neuquina** Duret, 1974b: 121, figs. 4-5 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Curicó, Malleco). Ref.: Duret, 1977c: 71 (distribution). Holotype ♂, MNHN.
- paulistana** Lane, 1956a: 123, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Embu. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- penai** Duret, 1977c: 75, figs. 1-2 (♂ terminalia). Type-locality: Chile, Arauco, Palo Botado, Contulmo. Distr.: Chile (Arauco, Cautín, Osorno). Refs.: Duret, 1980a: 147 (distribution), 1984a: 38 (distribution). Holotype ♂, CNC.
- peruana** Duret, 1977c: 79, figs. 13 (♂ terminalia). Type-locality: Peru, Cuzco, Quincemil, 700 m. Distr.: Peru. Holotype ♂, CNC.
- proseni** Duret, 1972: 74, fig. 13 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Llanquihué), Ref.: Duret, 1984a: 38 (distribution). Holotype ♂, MNHN.
- pseudolamellata** Duret, 1984a: 39, figs. 1-3 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Las Raíces. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- pseudoreducta** Duret, 1977c: 76, figs. 5-6 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Talca, Cautín, Los Coigües, Chiloé, Curicó, Aysen, Malleco, Ñuble, Osorno, Llanquihué, Magallanes). Refs.: Duret, 1984a: 38 (distribution), 1984c: 40 (distribution). Holotype ♂, MNHN.
- quadrisetosa** Freeman, 1951: 72, figs. 138 (♂ terminalia), 287 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Talca, Malleco, Aysen, Magallanes, Cautín, Valdivia). Refs.: Duret, 1977b: 358 (distribution), 1977c: 73 (distribution); Amorim & Oliveira, 2013: 24 (comments on types and label data), fig. 56 (habitus). Holotype ♂, NHM.
- reducta** Freeman, 1951: 70, fig. 135 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Chubut), Chile (Ñuble, Llanquihué, Chiloé, Malleco, Maule, Osorno). Refs.: Duret, 1977c: 73, figs. 7-8 (♂ terminalia) (distribution), 1984a: 38 (distribution); Amorim & Oliveira, 2013: 24 (comments on types and label data), fig. 57 (habitus). Holotype ♂, NHM.
- rossi** Lane, 1962b: 534, fig. 3 (♂ terminalia). Type-locality: Chile, Osorno, 20 km E Puyehé. Distr.: Chile (Osorno, Chiloé). Ref.: Duret, 1977c: 73 (distribution). Holotype ♂, CAS.
- schajovskoyi** Duret, 1972: 74, figs. 14-15 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Valdivia, Malleco, Llanquihué, Cautín, Osorno). Refs.: Duret, 1977c: 75, fig. 10 (♂ terminalia) (distribution), 1984a: 38 (distribution). Holotype ♂, MNHN.
- sergioi** Duret, 1977c: 77, figs. 9 (♂ terminalia). Type-locality: Chile, Curicó, El Coigual. Distr.: Chile (Curicó). Holotype ♂, MNHN.
- spinata** Lane, 1954a: 108, fig. 12 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo, Minas Gerais, Santa Catarina), Argentina (Misiones). Refs.: Duret, 1977c: 73 (distribution). Holotype ♂, MZUSP.
- ssp. *souzai* Lane, 1960a: 382, fig. 7 (♂ terminalia). Type-locality: Brazil, Minas Gerais, Serra do Cipó. Holotype ♂, MZUSP.
- spinifera** Freeman, 1951: 73, fig. 141-142 (♂ terminalia). Type-locality: Chile, Chiloé, Castro. Distr.: Argentina (Río Negro, Neuquén), Chile (Neuquén, Curicó, Aysen, Ñuble, Chiloé, Osorno, Santiago, Maule, Malleco, Cautín). Refs.: Duret, 1977c: 73, figs. 3-4 (♂ terminalia) (distribution), 1980a: 147 (distribution), 1984a: 38 (distribution); Amorim & Oliveira, 2013: 24 (comments on types and label data), fig. 58 (habitus). Holotype ♂, NHM.
- truncata** Freeman, 1951: 73, fig. 143 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Bío Bío, Ñuble, Aysen, Chiloé, Malleco, Osorno). Refs.: Duret, 1977c: 75 (distribution), 1984a: 39 (distribution); Amorim & Oliveira, 2013: 24 (comments on types and label data), fig. 59 (habitus). Holotype ♂, NHM.
- ungiculata** Freeman, 1951: 71, fig. 136 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué, Chiloé, Aysen, Cautín, Malleco, Magallanes). Refs.: Duret, 1977c: 75 (distribution), 1980a: 147 (♀ terminalia), 1984a: 39 (distribution), 1984c: 40 (distribution); Amorim &

Oliveira, 2013: 26 (comments on types and label data), fig. 60 (habitus). Holotype ♂, NHM.

vockerothi Duret, 1977c: 80, figs. 14-15 (♂ terminalia). Type-locality: Peru, Cuzco, Quincemil, 780 m. Distr.: Peru. Holotype ♂, CNC.

yivoffi Duret, 1972: 76, figs. 16-18 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Talca, Malleco, Osorno). Refs.: Duret, 1977c: 75 (distribution), 1984a: 39 (distribution). Holotype ♂, MNHN.

Genus *Aysenmyia* Duret, 1978

Aysenmyia Duret, 1978a: 23. Type-species, *Aysenmyia patagonica* Duret (orig. des.).

patagonica Duret, 1978a: 24, figs. 1 (antenna), 2 (wing), 3 (♂ terminalia), 4 (gonostyle), 5 (tergite 9), 6 (head), 7 (distal tarsomere). Type-locality: Chile, Aysen, Puerto Cisnes. Distr.: Chile (Aysen). Holotype ♂, CNC.

Genus *Coelophthinia* Edwards, 1941

Coelophthinia Edwards, 1941b: 67. Type-species, *Phthinia thoracica* Winnertz.

Ref.: Søli, 1997b (new combination).

Comments. Søli (1997b) transferred the Neotropical species of *Coelosia* to *Coelophthinia*. An examination of Nearctic species of *Coelophthinia* suggests that Freeman's (1951) species is actually a *Coelophthinia*, but the Brazilian species described by Lane as a *Coelosia* does not fit here. In Amorim & Oliveira (2013) both species were included in *Coelosia*.

accita (Plassmann & Vogel, 1990): 126, fig. 3 (♂ terminalia) (*Coelosia*). Type-locality: Chile, Cape Horn, in mixed soil forest of *Nothophagus antarctica* and *N. pumillo*, about 250 m above sea level from the Laguna Parillar, Peninsula Brunswick. Distr.: Chile (Magallanes). Holotype ♂, ZSM.

flavithorax (Freeman, 1951): 64, fig. 285 (wing) (*Coelosia*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Magallanes). Refs.: Duret, 1977b: 357 (distribution); Søli, 1997b: 71 (new combination); Amorim & Oliveira, 2013: 26 (comments on types and label data), fig. 61 (habitus). Holotype ♂, NHM.

Comments. Amorim & Oliveira (2013: 26) erroneously made reference to this species as a *Coelosia*.

Genus *Coelosia* Winnertz, 1863

Coelosia Winnertz, 1863: 96. Type-species, *Boletina flava* Staeger (Johannsen, 1909: 86).

huitzilopochtli Søli, 1997b: 93, figs. 3D (third palpomere), 5B (face, clypeus & labrum), 24A-D (♂ terminalia), 25A-B (♀ terminalia). Type-locality: Mexico, Popocatepetl, N. slope, 13,000'. Distr.: Mexico. Holotype ♂, CNC.

neotropica Lane, 1959b: 111, fig. 5 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP. **comb. reinst.**

Comments. Søli (1997) transferred this species to the genus *Coelophthinia*, without seeing Lane's holotype. We studied the holotype of *C. neotropica* housed at the MZUSP and the features typically fit the delimitation of *Coelosia*—costa produced well beyond tip of R_5 , sc-r and R_4 absent, point of furcation of the cubital fork distinctly beyond level of furcation of medial fork, both cubital branches straight or nearly so, and tibia with well developed setation. The most significant difference is the presence of setae on the laterotergite, a feature, however, known to be plastic in Mycetophilidae. Hence, we herein move the species back to its original generic placement.

quetzalcoatli Søli, 1997b: 104, figs. 33A-D (♂ terminalia), 34A-B (♀ terminalia). Type-locality: Mexico, Sinaloa, 4.5 mi. W. El Palmito, 6300'. Distr.: Mexico. Holotype ♂, CNC.

tezcatlipocai Søli, 1997b: 119, figs. 43A-D (♂ terminalia). Type-locality: Mexico, Oaxaca, Tuxtpec Rd. Distr.: Mexico. Holotype ♂, CNC.

tlaloci Søli, 1997b: 119, figs. 44A-D (♂ terminalia). Type-locality: Mexico, Sinaloa, 4.5 mi. W. El Palmito, 6300'. Distr.: Mexico. Holotype ♂, CNC.

xochiquetzali Søli, 1997b: 125, figs. 49A-D (♂ terminalia). Type-locality: Mexico, Oaxaca, 142 km S. Tuxtpec. Distr.: Mexico. Holotype ♂, CNC.

xolotli Söli, 1997b: 127, figs. 5C (face, clypeus & labrum), 50A-D (♂ terminalia), 51A-B (♀ terminalia). Type-locality: Mexico, Sinaloa, 15 mi. W. El Palmito, 5000'. Distr.: Mexico (Sinaloa, Oaxaca)z. Holotype ♂, CNC.
 sp. Freeman, 1951: 64. Argentina, Río Negro: Bariloche and Puerto Blest. F, NHM.

Genus **Docosia** Winnertz, 1863

Docosia Winnertz, 1863: 802. Type-species, *Mycetophila sciarina* Meigen (Johannsen, 1909: 92).
 Ref.: Oliveira & Amorim, 2011 (notes on the Neotropical fauna, new species).

adusta Oliveira & Amorim, 2011: 689, figs. 1 (habitus), 2 (thorax), 3 (wing), 4-6 (♂ terminalia), 7 (♀ terminalia). Type-locality: Colombia, Cundinamarca, Parque Nacional Natural Chingaza Alto de La Bandera. Distr.: Colombia (Cundinamarca). Holotype ♂, IAvH.

cuzcoensis Edwards, 1933: 321. Type-locality: Peru, Cuzco, 3500-4200 m. Distr.: Peru. Ref.: Amorim & Oliveira, 2013: 30, fig. 72 (habitus). Holotype ♂, MTD.

pammela Edwards, 1933: 322. Type-locality: Peru, Río Urubamba, 3000 m. Distr.: Peru, Paraguay (Hohenau, La Cordillera, San Bernardino, on *Caesaria silvestris* inflorescences). Ref.: Amorim & Oliveira, 2013: 30, fig. 73 (habitus).
 Lectotype ♂, MTD.

Genus **Dziedzickia** Johannsen, 1909

Hertwigia Dziedzickia, 1885: 166 (preocc. Schmidt, 1880). Type-species, *H. marginata* Dziedzicki (mon.).

Dziedzickia Johannsen, 1909: 44 (*nom. nov.* for *Hertwigia* Dziedzicki). Type-species, *Hertwigia marginata* Dziedzicki (auct.).

Syntemna, authors, not Winnertz.

Ref.: Duret, 1978b (new species, identification key to the Patagonian species), Oliveira, 2009 (redescription, phylogeny, identification key).

absyrta Lane, 1954a: 96, fig. 1 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Ecológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Ref.: Oliveira, 2009: 30 (redescription), 31 (distribution), figs. 8A (wing), 8B (♂ terminalia), 8C (M cercus), 44 (distribution map); Amorim & Oliveira, 2013: 26 (comments on types and label data), fig. 62 (habitus). Holotype ♂, MZUSP.

armata Freeman, 1951: 65, figs. 127 (♂ terminalia), 283 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Chubut), Chile (Llanquihué, Curicó, Ñuble, Malleco, Cautín, Aysen). Refs.: Duret, 1978b: 98 (distribution), figs. 1 (thorax), 2-4 (♂ terminalia), 5 (♀ terminalia); Amorim & Oliveira, 2013: 26 (comments on types and label data), fig. 63 (habitus). Holotype ♂, NHM.

aspasia Lane, 1954a: 96, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

basalis Freeman, 1951: 66, figs. 126 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 27 (comments on types and label data), fig. 64 (habitus). Holotype ♂, NHM.

beatricea Lane, 1960a: 380, fig. 4 (♂ terminalia). Type-locality: Trinidad, Navy Base. Distr.: Trinidad. Holotype ♂, MZUSP.

caipora Lane, 1961a: 248. Type-locality: Brazil, Amapá, Rio Felício. Distr.: Brazil (Amapá). Holotype ♀, MZUSP.

clio Lane, 1954a: 97, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

cryptura Edwards, 1941a: 308. Type-locality: Brazil, Mato Grosso do Sul, Salobra. Distr.: Brazil (Pernambuco, Alagoas, Sergipe, Mato Grosso do Sul, Minas Gerais, Espírito Santo, Rio de Janeiro, São Paulo, Santa Catarina). Refs.: Oliveira, 2009: 36 (redescription), 38 (distribution), figs. 11A (wing), 11B (F cercus), 11C (M cercus), 11D (♂ terminalia), 46 (distribution map); Amorim & Oliveira, 2013: 27 (comments on types and label data), fig. 65 (habitus). Holotype ♂, NHM.

diana Lane, 1959b: 112, fig. 6 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.

dubitans Lane, 1954a: 98, fig. 5 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♀, MZUSP.

edwardsiana Lane, 1954a: 99. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil

- (São Paulo, Santa Catarina). Ref.: Oliveira, 2009: 38 (redescription), 39 (distribution), figs. 12A (wing), 12B (♂ terminalia), 12C (M cercus), 44 (distribution map). Holotype ♀, MZUSP.
- endymion** Lane, 1959b: 113, fig. 7 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- fiebrigi** Edwards, 1934: 364. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Paraguay. Ref.: Amorim & Oliveira, 2013: 27 (comments on types and label data), fig. 66 (habitus). Holotype ♂, MNGW.
- flavonigra** Lane, 1954a: 100, fig. 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 27 (comments on types and label data), fig. 67 (habitus). Holotype ♀, NHM.
- freemani** Lane, 1954a: 100. Type-locality: Brazil, São Paulo, Juquiá. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- funerea** Freeman, 1951: 66, fig. 128 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutierrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Ñuble, Curicó). Refs.: Duret, 1978b: 102 (distribution), figs. 8 (wing), 9-11 (♂ terminalia), 12 (♀ terminalia); Amorim & Oliveira, 2013: 27 (comments on types and label data), fig. 68 (habitus). Holotype ♂, NHM.
- galindoi** Lane, 1961b: 10. Type-locality: Panama, Darién, Camp Tacarcuna. Distr.: Panama. Holotype ♀, MZUSP.
- gloriosa** Lane, 1959b: 114, fig. 8 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá, Acre). Ref.: Oliveira, 2009: 40 (redescription), 41 (distribution), figs. 13A (wing), 13B (♂ terminalia), 13C (M cercus), 42 (distribution map). Holotype ♂, MZUSP.
- hypsipile** Lane, 1954a: 101, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Argentina (Misiones). Refs.: Oliveira, 2009: 41 (redescription), 42 (distribution), figs. 14A (wing), 14B (♂ terminalia), 14C (M cercus), 14D (M tergite IX), 46 (distribution map). Holotype ♂, MZUSP.
- iara** Lane, 1961a: 248. Type-locality: Brazil, Amapá, Iguarapé do Sucuriju. Distr.: Brazil (Amapá). Holotype ♀, MZUSP.
- intermedia** Lane, 1954a: 102, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Costa Rica (Alajuela, San Mateo), Colômbia (Vaupés), Brazil (Amapá, Sergipe, Minas Gerais, São Paulo). Ref.: Oliveira, 2009: 43 (redescription), 44 (distribution), figs. 15A (wing), 15B (♂ terminalia), 15C (M cercus), 42 (distribution map). Holotype ♂, MZUSP.
- ionica** Lane, 1959b: 115, fig. 9 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- janus** Lane, 1959b: 115, fig. 10 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- jurupari** Lane, 1961a: 249. Type-locality: Brazil, Amapá, Rio Felício. Distr.: Colômbia (Amazonas, Nariño, Putumayo, Vaupés), Brazil (Amapá, Acre). Ref.: Oliveira, 2009: 44 (redescription), 46 (distribution), figs. 16A (wing), 16B (♂ terminalia), 16C (M cercus), 16D (F cercus), 43 (distribution map). Holotype ♂, MZUSP.
- laticornis** (Enderlein, 1910a): 163 (*Syntemna*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Minas Gerais, São Paulo, Paraná e Santa Catarina). Ref.: Oliveira, 2009: 46 (redescription, new combination), 48 (distribution), figs. 17A (wing), 17B (F cercus), 17C (♂ terminalia), 17D (M cercus), 47 (distribution map). Holotype ♂, PAN. **n. comb.**
- coheri* Lane, 1954a: 97, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP. **n. syn.**
- Comments.** We have examined the holotype of *Syntemna laticornis* Enderlein and it is a *Dziedzickia* as discussed in Oliveira (2009). This is the formal new combination of the species. Moreover, the holotype of *Dziedzickia coheri* Lane was examined and it is clearly a synonym of *D. laticornis* (Enderlein), as carefully considered by Oliveira (2009).
- liriope** Lane, 1954a: 102. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- magallanensis** Duret, 1984c: 42, figs. 3-4 (♂ terminalia). Type-locality: Chile, Magallanes, Cabo de Hornos, Islã Wollaston, Bahia Scourfield. Distr.: Chile (Tierra del Fuego). Holotype ♂, MNHN.
- medea** Lane, 1954a: 103, fig. 9 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (Goiás, Paraíba, Pernambuco, Mato Grosso do Sul, Minas Gerais, Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Misiones). Ref.: Oliveira, 2009: 48 (redescription), 50 (distribution), figs. 18A (wing), 18B (♂ terminalia), 18C (M cercus), 46 (distribution map). Holotype ♂, MZUSP.
- metallica** Lane, 1954a: 103, fig. 10 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Oliveira, 2009: 50 (redescription), 51 (distribution), figs. 19A (wing), 19B (♂ terminalia), 43 (distribution map). Holotype ♂, MZUSP.
- nigra** Fisher, 1939: 229. Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.
- oiampensis** Lane, 1961a: 250, fig. 2 (♂ terminalia). Type-locality: Brazil, Amapá, Rio Amapari. Distr.: Brazil (Amapá, Paraíba, Pernambuco, Bahia, Minas Gerais, Rio de Janeiro, São Paulo, Paraná). Ref.: Oliveira, 2009: 52 (redescription),

- 53 (distribution), figs. 20A (wing), 20B (♂ terminalia), 20C (M cercus), 20D (F cercus), 47 (distribution map). Holotype ♂, MZUSP.
- patagonica** Duret, 1978b: 104, figs. 14-15 (♂ terminalia). Type-locality: Chile, Ñuble, Invernada. Distr.: Chile (Ñuble). Holotype ♂, MNHN.
- penai** Duret, 1978b: 104, figs. 16 (thorax), 17-18 (♂ terminalia). Type-locality: Chile, Osorno, Antillanca. Distr.: Chile (Osorno, Chiloé). Holotype ♂, MNHN.
- pseudoarmata** Duret, 1978b: 98, figs. 6-7 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble, Llanquihué, Osorno, Chiloé, Aysen). Holotype ♂, MNHN.
- pubericornis** Edwards, 1933: 308. Type-locality: Bolivia, Mapi, Lorenzopata. Distr.: Bolivia. Holotype ♂, MTD.
- saci** Lane, 1961b: 11. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (Minas Gerais, São Paulo). Ref.: Oliveira, 2009: 54 (redescription), 54 (distribution), figs. 21A (wing), 22B (F cercus), 44 (distribution map). Holotype ♀, MZUSP.
- stangei** Duret, 1978b: 105, figs. 19-20 (♂ terminalia). Type-locality: Chile, Ñuble, Las Trancas. Distr.: Chile (Ñuble, Curicó, Osorno, Chiloé). Holotype ♂, MNHN.
- variabilis** Lane, 1954a: 104, fig. 11 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (Espírito Santo, São Paulo, Paraná, Santa Catarina). Ref.: Oliveira, 2009: 54 (redescription), 56 (distribution), figs. 22A (wing), 22B (♂ terminalia), 22C (M cercus), 22D (M tergite IX), 22E (F cercus), 45 (distribution map). Holotype ♂, MZUSP.
- vockerothi** Duret, 1978b: 105, figs. 21 (wing), 22-23 (♂ terminalia). Type-locality: Chile, Aysen, Puerto Cisnes. Distr.: Chile (Aysen). Holotype ♂, MNHN.
- wollastonensis** Duret, 1984c: 42, figs. 5-6 (♂ terminalia). Type-locality: Chile, Magallanes, Cabo de Hornos, Islã Wollaston, Bahía Scourfield. Distr.: Chile (Tierra del Fuego). Holotype ♂, MNHN.

Genus **Schnusea** Edwards, 1933

- Schnusea** Edwards, 1933: 307. Type-species: *S. sessilis* Edwards (orig. des.). Ref.: Lane & Coher (1950), key to spp. Ref.: Oliveira, 2009 (redescription, phylogeny, identification key).
- Comments.** *Dziedzickia* is obviously paraphyletic to *Schnusea*, but it is also paraphyletic to *Chalastonepsia* Ševčík & Hippa, 2010 and *Pectinepsia* Ševčík & Hippa, 2010. Actually, *Dziedzickia* is a huge genus and at some stage it will have to be subdivided into smaller clades with generic rank. Hence, to avoid too much instability, we will refrain from synonymizing these genera here.
- aguarasi** Lane & Coher, 1950: 279, figs. 1-3 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo, Paraná, Santa Catarina). Ref.: Oliveira, 2009: 31 (redescription), 33 (distribution), figs. 9A (wing), 9B (♂ terminalia), 9C (M cercus), 9D (M tergite IX), 9E (F cercus), 45 (distribution map). Holotype ♂, MZUSP.
- barei** Lane & Coher, 1950: 281, figs. 4-6 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo) Holotype ♂, MZUSP.
- caiabii** Lane & Coher, 1950: 281, figs. 7-9 (♂ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (Amapá, Alagoas, Sergipe, Goiás, Minas Gerais, Santa Catarina, São Paulo), Argentina (Misiones). Ref.: Oliveira, 2009: 33 (redescription), 36 (distribution), figs. 10A (wing), 10B (♂ terminalia), 10C (M cercus), 10D (M tergite IX), 10E (F cercus), 47 (distribution map). Holotype ♂, MZUSP.
- desanei** Lane & Coher, 1950: 282, figs. 10-12 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo), Argentina (Misiones). Holotype ♂, MZUSP.
desanai, error: Lane, 1958b: 150. [probably original intention as named after Desana tribe]
- sessilis** Edwards, 1933: 308. Type-locality: Peru, mouth of Pachitea River, 150 m. Distr.: Brazil (Amapá, Goiás), Argentina (Salta). Ref.: Lane, 1959b: 116. Holotype ?, MTD.

Genus **Synapha** Meigen, 1818

- Synapha** Meigen, 1818: 227. Type-species, *S. fasciata* Meigen (mon.).
- flavipalpis** Freeman, 1951: 69, fig. 130 (mid tibia sense organ), 133 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 29 (comments)

- on types and label data), fig. 69 (habitus). Holotype ♂, NHM.
- fulva** Lane, 1954a: 105. Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr.: Brazil (Amapá, Rio de Janeiro). Holotype ♂, MZUSP.
- fumipennis** Freeman, 1951: 69, figs. 129 (mid tibial sense organ), 134 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Argentina (Río Negro, Chubut, Tierra del Fuego), Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 29 (comments on types and label data), fig. 70 (habitus). Holotype ♂, NHM.
- funerea** Freeman, 1951: 68, figs. 131 (midtibial sense organ), 132 (♂ terminalia), 286 (wing). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Chubut, Tierra del Fuego), Chile (Llanquihué, Chiloé, Magallanes). Refs.: Duret, 1977b: 357 (distribution); Amorim & Oliveira, 2013: 30 (comments on types and label data), fig. 71 (habitus). Holotype ♂, NHM.
- idalis** Lane, 1954a: 106. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, MZUSP.
- juno** Lane, 1954a: 106. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- michelbacheri** Lane, 1962b: 533, fig. 2 (♂ terminalia). Type-locality: Chile, Ñuble, 40 km E of San Carlos. Distr.: Chile (Ñuble). Holotype ♂, CAS.
- morenoi** Lane, 1963: 7, fig. 2 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche (Llao-Llao). Distr.: Argentina (Río Negro). Holotype ♂, MZUSP.
- nigrescens** Lane, 1954a: 107. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, MZUSP.
- rufescens** Edwards, 1932: 140. Type-locality: Brazil, Rio de Janeiro, Petrópolis and Rio de Janeiro. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, NHM.

Genus *Tetragoneura* Winnertz, 1846

- Tetragoneura** Winnertz, 1846: 18. Type-species, *T. distincta* Winnertz (Johannsen, 1909: 34, 35) = *sylvatica* (Curtis). Ref.: Duret, 1976c (identification key to Patagonian species); Duret, 1989d (identification key to Patagonian species).
- andina** Lane, 1962b: 537, fig. 5 (♂ terminalia). Type-locality: Chile, Ñuble, 40 km E of San Carlos. Distr.: Chile (Ñuble, Osorno, Maule, Malleco), Argentina (Neuquén). Refs.: Duret, 1976c: 160 (distribution), 1982: 82 (distribution), fig. 1 (♂ terminalia). Holotype ♂, CAS.
- araucana** Duret, 1976c: 162, figs. 1-2 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- arauensis** Lane, 1952c: 402, fig. 1 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, MZUSP.
- ardeiceps** Freeman, 1951: 85, figs. 161 (♂ terminalia), 289 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Chubut, Tierra del Fuego, Neuquén), Chile (Magallanes, Malleco). Refs.: Duret, 1976c: 161 (distribution), 1980d: 104, figs. 1-2 (♂ terminalia), 1982: 82 (distribution), 1984a: 39 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 43 (comments on types and label data), fig. 117 (habitus). Holotype ♂, NHM.
- argentina** Duret, 1976c: 162, figs. 3-4 (♂ terminalia). Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Cautín, Chiloé, Osorno, Llanquihué, Malleco). Ref.: Duret, 1980d (distribution), 1984a: 39 (distribution). Holotype ♂, MNHN.
- artigasi** Duret, 1984a: 42, figs. 9-10 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Las Raíces. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- bachmanni** Duret, 1976c: 164, figs. 5-6 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Osorno, Ñuble, Llanquihué). Refs.: Duret, 1980d (distribution), 1982: 82, fig. 2 (♂ terminalia) (distribution), 1984a: 39 (distribution). Holotype ♂, MNHN.
- bacilliger** Edwards, 1932: 144, fig. 5 (♂ terminalia). Type-locality: Brazil, Paraná, Rio Negro. Distr.: Brazil (Paraná), Peru. Ref.: Amorim & Oliveira, 2013: 43 (comments on types and label data), fig. 118 (habitus). Holotype ♂, NHM.
- beckeri** (Enderlein, 1910a): 168 (*Parastemma*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♀, PAN.
- bejaranoi** Duret, 1976c: 164, figs. 7-10 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Osorno, Ñuble, Llanquihué, Maule). Refs.: Duret, 1980d (distribution), 1982: 82 (distribution), 1984a: 39 (distribution), 1987b: 389 (distribution). Holotype ♂, MNHN.

- bifida** Freeman, 1951: 85, fig. 162 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro), Chile (Malleco, Osorno, Llanquihué, Chiloé). Refs.: Duret, 1976c: 161 (distribution), 1980d (distribution), 1982: 82, figs. 3-4 (♂ terminalia) (distribution), 1984a: 39 (distribution), 1987b: 389 (distribution); Amorim & Oliveira, 2013: 44 (comments on types and label data), fig. 119 (habitus). Holotype ♂, NHM.
- borgmeieri** Edwards, 1932: 142, fig. 1 (♂ terminalia). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr.: Brazil (Rio de Janeiro, São Paulo), Argentina (Corrientes). Refs.: Duret, 1980d: 106, fig. 9-10 (♂ terminalia) (distribution); Amorim & Oliveira, 2013: 44 (comments on types and label data), fig. 120 (habitus). Holotype ♂, NHM.
- †**brevistipitís** Baxter, *in* Baxter & Poinar, 1994: 94, figs. 1 (wing), 2 (♀ terminalia), 3-4 (♂ terminalia), 11-12 (whole specimen). Type-locality: Dominican Republic. Oligocene amber. Distr.: Dominican Republic. Holotype ♂, UCB.
- burenari** Lane, 1952c: 403, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- caetensis** Lane, 1952c: 404, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- calopus** (Bigot, 1888): 14, pl. 3, fig. 3 (whole insect) (*Sciophila*). Type-locality: “Cape Horn”. Distr.: Argentina (Tierra del Fuego). Type, ?.
- cautinensis** Duret, 1984a: 41, figs. 6-8 (♂ terminalia). Type-locality: Chile, Cautín, W. Temuco, La Selva. Distr.: Chile (Cautín). Holotype ♂, MNHN.
- chilena** Duret, 1976c: 165, figs. 13-14 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, MFAS.
- chillanensis** Duret, 1989d: 69, figs. 1-3 (♂ terminalia). Type-locality: Chile, Chillán, Shangri-la. Distr.: Chile (Cillán). Holotype ♂, MNHN.
- concurrans** Edwards, 1933: 321. Type-locality: Bolivia, La Paz. Distr.: Bolivia. Ref.: Amorim & Oliveira, 2013: 44 (comments on types and label data), fig. 121 (habitus). Holotype ♂, MTD.
- cordillerana** Duret, 1982: 90, figs. 28-29. Type-locality: Chile, Malleco, cordillera de Las Raíces, 1400 m. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- cornuta** Duret, 1982: 88, figs. 19-22 (♂ terminalia). Type-locality: Chile, Llanquihué, N Correntoso, El Chingue. Distr.: Chile (Osorno, Llanquihué, Malleco). Ref.: 1984a: 39 (distribution). Holotype ♂, MNHN.
- correntina** Duret, 1980d: 106, figs. 11-12 (♂ terminalia). Type-locality: Paraguay, Caagazú, Caraguataymí. Distr.: Paraguay, Argentina (Corrientes). Holotype ♂, MNHN.
- dentata** Freeman, 1951: 85, fig. 160 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén, Pucará), Chile (Ñuble). Refs.: Duret, 1976c: 161 (distribution), 1980d (distribution); Amorim & Oliveira, 2013: 44 (comments on types and label data), fig. 122 (habitus). Holotype ♂, NHM.
- derunci** Lane, 1952c: 405, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo), Argentina (Tucumán). Holotype ♂, MZUSP.
- eremanai** Lane, 1952c: 405, fig. 5 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- fanipensis** Lane, 1952c: 406, fig. 6 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Amapá). Holotype ♂, MZUSP.
- fisherae** Kerr, 2007: 38, fig. 20 (wing) (*nom. nov.* for *Novakia distincta* Fisher). Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.
distincta Fisher, 1939: 234 (*Novakia*). Type-locality: Costa Rica, San José. Holotype ♂, ANSP.
- flavicauda** Edwards, 1941a: 310. Type-locality: Brazil, Mato Grosso do Sul, Salobra. Dist.: Brazil (Mato Grosso do Sul, São Paulo), Ecuador. Refs.: Duret, 1980d: 108, figs. 15-16 (♂ terminalia) (distribution); Amorim & Oliveira, 2013: 46 (comments on types and label data), fig. 123 (habitus). Holotype ♂, NHM.
- flavicincta** Freeman, 1951: 84, fig. 158 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué, Malleco, Osorno). Refs.: Duret, 1976c: 161 (distribution), 1982: 82 (distribution), 1987b: 389 (distribution); Amorim & Oliveira, 2013: 46 (comments on types and label data), fig. 124 (habitus). Holotype ♂, NHM.
- freemani** Duret, 1976c: 165, figs. 15-16 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Ref.: Duret, 1984a: 39 (distribution). Holotype ♂, MNHN.
- galea** Freeman, 1951: 84, fig. 159 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco, Osorno, Llanquihué, Ñuble). Refs.: Duret, 1976c: 161 (distribution), 1980d (distribution), 1982 (distribution); Amorim & Oliveira, 2013: 46 (comments on types and label data), fig. 125 (habitus). Holotype ♂, NHM.
- golbachii** Duret, 1980d: 107, figs. 13-14 (♂ terminalia). Type-locality: Argentina, Tucumán, Las Cejas. Distr.: Argentina (Tucumán). Holotype ♂, IML.

- guajaensis** Lane, 1952c: 406, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo. Distr.: Brazil (São Paulo, Paraná). Duret, 1980d: 109, figs. 17-18 (♂ terminalia) (distribution). Holotype ♂, MZUSP.
- hepperi** Duret, 1976c: 166, figs. 17-19 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Refs.: Duret, 1984a: 39 (distribution), 1987b: 389 (distribution). Holotype ♂, MNHN.
- huarpesi** Lane, 1952c: 407, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- iaunai** Lane, 1952c: 408, fig. 9 (♂ terminalia). Type-locality: Costa Rica, San José. Distr.: Costa Rica, Peru. Holotype ♂, USNM.
- indecisa** Duret, 1976c: 166, figs. 20-21 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén, Tierra del Fuego), Chile (Malleco). Refs.: Duret, 1980d (distribution), 1982: 82 (distribution). Holotype ♂, MNHN.
- lanei** Duret, 1980d: 109, figs. 19-22 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Brusque. Distr.: Brazil (Rio de Janeiro, Santa Catarina). Holotype ♂, MNHN.
- lanfrancoae** Duret, 1984a: 40, figs. 4-5 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- luispenai** Duret, 1982: 91, figs. 32-33 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno, Chiloé). Ref.: Duret, 1987: 389 (distribution). Holotype ♂, MNHN.
- mallecoensis** Duret, 1984a: 43, figs. 11-12 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta, Los Gringos. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- mapuchensis** Duret, 1987b: 385, figs. 1-3 (♂ terminalia). Type-locality: Chile, Valparaiso, cerro La Vizcacha, 1800 m. Distr.: Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- matilei** Duret, 1982: 88, figs. 23-25 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno, Chiloé, Llanquihué). Ref.: Duret, 1987b: 389 (distribution). Holotype ♂, MNHN.
- minor** Enderlein, 1910a: 155 (as a variety of *T. calopus*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes M, PAN. **n. stat.**
- naumanni** Duret, 1976c: 166, figs. 22-23 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Ref.: Duret, 1987b: 389 (distribution). Holotype ♂, MNHN.
- neopollux** Duret, 1987b: 388, figs. 6-7 (♂ terminalia). Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- neuquina** Duret, 1976c: 168, figs. 24-25 (♂ terminalia), 26 (wing). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Ref.: Duret, 1977b: 358 (distribution). Holotype ♂, MNHN.
- nigripalpis** Freeman, 1951: 87, fig. 168 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 46 (comments on types and label data), fig. 126 (habitus). Holotype ♂, NHM.
- nocticolor** Edwards, 1932: 146, fig. 6 (♂ terminalia). Type-locality: Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro). Ref.: Amorim & Oliveira, 2013: 46 (comments on types and label data), fig. 127 (habitus). Holotype ♂, NHM.
- osornoensis** Duret, 1982: 85, figs. 16-18 (♂ terminalia). Type-locality: Chile, Osorno, NW volcán Osorno, La Picada. Distr.: Chile (Osorno, Chiloé, Malleco). Ref.: Duret, 1984a: 40 (distribution), 1987b: 389 (distribution). Holotype ♂, MNHN.
- paraardeiceps** Duret, 1980d: 104, figs. 3-4 (♂ terminalia). Type-locality: Chile, Ñuble, Las Trancas. Distr.: Chile (Ñuble). Holotype ♂, IML.
- parachilena** Duret, 1982: 85, figs. 13-15 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Malleco, Osorno, Chiloé). Ref.: Duret, Duret, 1984a: 40 (distribution), 1987b: 389 (distribution). Holotype ♂, MNHN.
- parapollux** Duret, 1987b: 388, figs. 4-5 (♂ terminalia). Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- patagonica** Duret, 1976c: 168, figs. 27-28 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Refs.: Duret, 1977b: 358 (distribution), 1984c: 40 (distribution). Holotype ♂, MNHN.
- pectinata** Freeman, 1951: 88, fig. 169 (♂ terminalia), 290 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Cautín, Chiloé, Malleco, Osorno, Llanquihué). Refs.: Duret, 1976c: 161 (distribution), 1982: 82, fig. 5 (phallosome) (distribution), Duret, 1984a: 40 (distribution), 1987b: 389 (distribution); Amorim & Oliveira, 2013: 48 (comments on types and label data), fig. 128 (habitus). Holotype ♂, NHM.
- penai** Duret, 1976c: 169, figs. 29-30 (♂ terminalia). Type-locality: Chile, Santiago, Pichi Alhué. Distr.: Chile (Santiago, Maule), Falkland Islands. Ref.: Duret, 1984a: 40 (distribution). Holotype ♂, MFAS.

- peruana** Kertész, 1909: 141. Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♂, HHNM.
- pollux** Freeman, 1951: 86, fig. 164 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Tierra del Fuego), Chile (Llanquihué, Malleco). Ref.: Amorim & Oliveira, 2013: 48 (comments on types and label data), fig. 129 (habitus). Holotype ♂, NHM.
- porteri** Duret, 1989d: 71, figs. 4-5 (♂ terminalia). Type-locality: Chile, Osorno, Puyehue, Aguas Calientes. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- pseudoardecipes** Duret, 1982: 84, figs. 9-10 (♂ terminalia). Type-locality: Chile, Llanquihué, north of Correntoso, El Chingue. Distr.: Chile (Llanquihué). Holotype ♂, MNHN.
- pseudochilena** Duret, 1982: 84: figs. 11-12 (♂ terminalia). Type-locality: Chile, Osorno, NW volcán Osorno, La Picada. Distr.: Chile (Osorno). Ref.: Duret, 1984a: 40 (distribution). Holotype ♂, MNHN.
- puyehuenis** Duret, 1984a: 44, figs. 13-14 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta, Los Gringos. Distr.: Chile (Malleco, Osorno). Holotype ♂, MNHN.
- rara** Duret, 1980d: 109, figs. 23 (wing), 24-26 (♂ terminalia). Type-locality: Brazil, Roraima, Boa Vista. Distr.: Brazil (Roraima). Holotype ♂, MNHN.
- riveti** (Edwards, 1919): 146, fig. 6 (wing) (*Megophthalmidia*). Type-locality: Ecuador, El Pelado. Distr.: Ecuador. Ref.: Amorim & Oliveira, 2013: 48 (comments on types and label data), fig. 130 (habitus). Holotype ♂, MNHN.
- sergioi** Duret, 1976c: 169, figs. 31-33 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Maule, Osorno, Malleco). Ref. Duret, 1982: 82 (distribution), 1984a: 40 (distribution). Holotype ♂, MNHN.
- simillima** Freeman, 1954: 39 (*nom.nov.* for *T. similis* Freeman). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén, Tierra Del Fuego), Chile (Malleco, Llanquihué, Maule, Magallanes, Santiago, Valparaíso). Refs.: Duret, 1982: 82 (distribution), 1984a: 40 (distribution), 1987b: 389 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 48 (comments on types and label data), fig. 131 (habitus). Holotype ♂, NHM.
- similis* Freeman, 1951: 86, fig. 166 (♂ terminalia) (preocc. Garrett, 1925). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Llanquihué). Holotype ♂, NHM.
- simillina*, error: Duret, 1976c: 156; 1987b: 389.
- simplex** Edwards, 1932: 143, fig. 2 (♂ terminalia). Type-locality: Brazil, Rio de Janeiro, Rio de Janeiro. Distr.: Brazil (Rio de Janeiro, São Paulo, Amapá). Refs.: Lane, 1952c: 408; Amorim & Oliveira, 2013: 48 (type comments, lectotype designation and labels data), fig. 132 (habitus). Lectotype ♂, NHM.
- simplicipes** Freeman, 1951: 87, fig. 167 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén), Chile (Osorno, Llanquihué, Cautín). Refs.: Duret, 1976c: 161 (distribution), 1982: 82 (distribution), 1984a: 40 (distribution); Amorim & Oliveira, 2013: 49 (comments on types and label data), fig. 133 (habitus). Holotype ♂, NHM.
- simplicistila** Freeman, 1951: 85, fig. 163 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Chile (Malleco, Llanquihué), Argentina (Neuquén). Refs.: Duret, 1976c: 161 (distribution), 1982: 82, figs. 6-7 (♂ terminalia) (distribution); Amorim & Oliveira, 2013: 49 (comments on types and label data), fig. 134 (habitus). Holotype ♂, NHM.
- sinuata** Freeman, 1951: 83, fig. 157 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego, Chubut), Chile (Malleco, Osorno, Llanquihué, Chiloé, Dalcahué, Magallanes). Refs.: Duret, 1976c: 162 (distribution), 1982: 82 (distribution), 1984a: 40 (distribution), 1987b: 389 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 49 (comments on types and label data), fig. 135 (habitus). Holotype ♂, NHM.
- spinata** Edwards, 1932: 144, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo. Distr.: Brazil (São Paulo, Rio de Janeiro). Ref.: Amorim & Oliveira, 2013: 49 (comments on types and label data), fig. 136 (habitus). Holotype ♂, NHM.
- stangei** Duret, 1980d: 105, figs. 5 (wing), 6-8 (♂ terminalia). Type-locality: Chile, Malleco, Parque Nacional Nahuel Nata. Distr.: Chile (Malleco). Holotype ♂, IML.
- stuardoi** Duret, 1982: 91, figs. 30-31 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno, Chiloé). Ref.: Duret, 1987b: 389 (distribution). Holotype ♂, MNHN.
- tibialis** Freeman, 1951: 86, fig. 165 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Chubut, Tierra del Fuego, Neuquén), Chile (Bío Bío, Chiloé, Magallanes). Refs.: Duret, 1976c: 162 (distribution), 1977b: 358 (distribution), 1987: 389 (distribution), 1984a: 40 (distribution); Amorim & Oliveira, 2013: 51 (comments on types and label data), fig. 137 (habitus). Holotype ♂, NHM.
- vianai** Duret, 1976c: 171, figs. 34-35 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Llanquihué). Refs.: Duret, 1982: 82, fig. 8 (tergite IX) (distribution), 1984a: 40 (distribution). Holotype ♂, MNHN.

- vockerothi** Duret, 1982: 90, figs. 26-27 (♂ terminalia). Type-locality: Chile, Osorno, NW volcán Osorno, La Picada. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- vogeli** Edwards, 1932: 144, fig. 4 (♂ terminalia). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro, São Paulo). Ref.: Amorim & Oliveira, 2013: 51 (comments on types and label data), fig. 138 (habitus). Holotype ♂, NHM.
- willinki** Duret, 1980d: 110, figs. 27-29 (♂ terminalia). Type-locality: Argentina, Tucumán, Horco Molle. Distr.: Argentina (Tucumán). Holotype ♂, IML.

Unplaced species of Gnoristinae

- chilensis** Philippi, 1865: 62 (*Gnoriste*). Type-locality: Chile, Valdivia. Distr.: Chile. Type, ?.
- obscuriventris** Bigot, 1888: 13 (*Boletina*). Type-locality: “Cape Horn”. Distr.: Chile (Tierra del Fuego). Type, ?.

Subfamily Mycomyinae Edwards, 1925

- Mycomyini** Edwards, 1925: 546, 547.
- Mycomyini Landrock, 1926: 39.
- Mycomyinae Hendel, 1936: 1895.
- Mycomyinae Brues *et al.*, 1954: 318.

Genus *Echinopodium* Freeman, 1951

- Echinopodium** Freeman, 1951: 45. Type-species, *E. nigricoxa* Freeman (orig. des.).
Ref.: Duret, 1976a (new species, identification key).
- araucanum** Duret, 1974a: 102, figs. 13-15 (midcoxal process, ♂ terminalia) (as “*E. araucanus*”). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Llanquihué, Aysen, Malleco, Osorno, Valdivia, Arauco, Cautín). Ref.: Duret, 1976a: 175 (distribution) (as “*E. araucanum*”). Holotype ♂, MNHN.
- argentinese** Duret, 1975b: 77, figs. 1-3 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- armatum** Duret, 1976a: 180, figs. 4-6 (midcoxal process, ♂ terminalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Distr.: Chile (Cautín). Holotype ♂, CNC.
- aysense** Duret, 1976a: 181, fig. 7 (midcoxal process). Type-locality: Chile, Aysen, Puerto Cisnes. Distr.: Chile (Aysen, Osorno). Holotype ♂, CNC.
- bejaranoi** Duret, 1974a: 103, figs. 16-20 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble). Ref.: Duret, 1976a: 177 (distribution). Holotype ♂, MNHN.
- bifurcatum** Duret, 1974a: 105, figs. 21-24 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen, Osorno). Ref.: Duret, 1976a: 177 (distribution). Holotype ♂, MNHN.
- cekaloviki** Duret, 1976a: 181, figs. 8-10 (midcoxal process, ♂ terminalia). Type-locality: Chile, Isla Chiloé, Dalcahue. Distr.: Chile (Cautín, Chiloé). Holotype ♂, CNC.
- chilense** Duret, 1976a: 183, figs. 11-13 (midcoxal process, ♂ terminalia). Type-locality: Chile, Aysen. Distr.: Chile (Aysen). Holotype ♂, CNC.
- chiloense** Coher, 1959: 129, figs. 126-127 (♂ terminalia), 128 (midcoxal process). Type-locality: Chile, Chiloé, Butalcura. Distr.: Argentina (Río Negro), Chile (Chiloé, Magallanes). Refs.: Duret, 1976a: 177 (distribution), fig. 1 (♂ terminalia), 1977b: 357 (distribution), 1984c: 39 (distribution). Holotype ♂, USNM.
- coheri** Duret, 1974a: 105, figs. 25-27 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen, Malleco, Llanquihué, Chiloé). Ref.: Duret, 1976a: 177 (distribution). Holotype ♂, MNHN.
- coronatum** Duret, 1976a: 184, figs. 14-16 (midcoxal process, ♂ terminalia). Type-locality: Chile, Cautín, Lois Coigües, Lago Villarica. Distr.: Chile (Cautín). Holotype ♂, CNC.
- curvispina** Freeman, 1951: 47, figs. 85 (midcoxal process), 94-95 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro), Chile (Aysen, Llanquihué, Chiloé). Ref.: Duret, 1976a: 177 (distribution), figs. 2-3 (midcoxal process, ♂ terminalia); Amorim & Oliveira, 2013: 51 (comments on types and label data), fig. 140 (habitus). Holotype ♂, NHM.

- digitale** Freeman, 1951: 47, figs. 87 (midcoxal process), 91-93 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué, Chiloé). Refs.: Duret, 1974a: 98 (distribution), figs. 1-3 (midcoxal process, ♂ terminalia); Amorim & Oliveira, 2013: 52 (comments on types and label data), fig. 141 (habitus). Holotype ♂, NHM.
- elegans** Duret, 1976a: 184, figs. 17-19 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr.: Chile (Ñuble, Chiloé). Holotype ♂, CNC.
- flagellatum** Freeman, 1951: 48, fig. 86 (midcoxal process), 96-98 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro, Neuquén), Chile (Aysen, Malleco, Llanquihué, Chiloé, Osorno). Refs.: Duret, 1974a: 98 (distribution), figs. 4-9 (palpus, midcoxal process, tibial spur, ♂ terminalia), 1976a: 178 (distribution); Amorim & Oliveira, 2013: 51 (comments on types and label data), fig. 142 (habitus). Holotype ♂, NHM.
- freemani** Duret, 1974a: 106, figs. 28-31 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen, Malleco, Cautín). Ref.: Duret, 1976a: 178 (distribution). Holotype ♂, MNHN.
- gentilii** Duret, 1975b: 77, figs. 4-6 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé). Ref.: Duret, 1976a: 178 (distribution). Holotype ♂, MNHN.
- insolitum** Duret, 1976a: 185, figs. 20-22 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr.: Chile (Cautín, Chiloé). Holotype ♂, CNC.
- lanei** Duret, 1974a: 107, figs. 32-34 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen). Ref.: Duret, 1976a: 178 (distribution). Holotype ♂, MNHN.
- minor** Duret, 1975b: 79, figs. 7-10 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen). Ref.: Duret, 1976a: 178 (distribution). Holotype ♂, MNHN.
- munroei** Duret, 1976a: 185, figs. 23-25 (midcoxal process, ♂ terminalia). Type-locality: Chile, Aysen, Puerto Cisnes. Distr.: Chile (Aysen). Holotype ♂, CNC.
- neuquensis** Duret, 1975b: 81, figs. 11-14 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- nigrescens** Duret, 1974a: 109, figs. 35-38 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Magallanes). Refs.: Duret, 1976a: 179 (distribution), 1977b: 357 (distribution), 1984c: 39 (distribution). Holotype ♂, MNHN.
- nigricoxa** Freeman, 1951: 46, fig. 82 (mouthparts), 83 (anterior tibia), 84 (midcoxal process), 88-90 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Chubut, Tierra del Fuego), Chile (Malleco, Ñuble, Curicó, Cautín, Aysen, Llanquihué, Chiloé, Magallanes, Osorno). Refs.: Duret, 1974a: 101 (distribution), fig. 10 (♂ terminalia), 1976a: 179 (distribution), 1977b: 357 (distribution), 1984c: 39 (distribution); Amorim & Oliveira, 2013: 52 (comments on types and label data), fig. 143 (habitus). Holotype ♂, NHM.
- patagonicum** Duret, 1976a: 187, figs. 26-29 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Cautín, Los Coigües, Lago Villarica. Distr.: Chile (Cautín, Chiloé). Holotype ♂, CNC.
- penai** Duret, 1976a: 189, figs. 30-32 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, CNC.
- pilosum** Duret, 1976a: 189, fig. 33 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr.: Chile (Chiloé). Holotype ♂, UC.
- pucaraense** Duret, 1974a: 109, figs. 39-41 (midcoxal process, ♂ terminalia) (as “*E. pucaraensis*”). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Aysen, Malleco, Osorno). Ref.: Duret, 1976a: 179 (distribution) (as “*E. pucaraense*”). Holotype ♂, MNHN.
- rionegrense** Coher, 1959: 130, figs. 129 (midcoxal process), 130-131 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Aysen, Linares, Llanquihué, Malleco, Curicó, Ñuble, Chiloé, Magallanes). Ref.: Duret, 1974a: 101, figs. 11-12 (midcoxal process, ♂ terminalia), 1976a: 179 (distribution). Holotype ♂, USNM.
- sergioi** Duret, 1974a: 110, figs. 42-45 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Aysen, Chiloé, Magallanes). Ref.: Duret, 1976a: 180 (distribution), 1977b: 357 (distribution). Holotype ♂, MNHN.
- spinusum** Duret, 1974a: 111, figs. 46-48 (midcoxal process, ♂ terminalia) (as “*E. spinosus*”). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Aysen). Ref.: Duret, 1976a: 180 (distribution) (as “*E. spinosum*”). Holotype ♂, MNHN.
- stonei** Duret, 1974a: 113, figs. 49-52 (midcoxal process, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Malleco, Osorno, Ñuble, Llanquihué). Ref.: Duret, 1976a: 179 (distribution). Holotype ♂, MNHN.
- striatum** Duret, 1974a: 115, figs. 53-57 (midcoxal process, tibial spur, ♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

- stuardoi** Duret, 1976a: 190, figs. 34-36 (midcoxal process, ♂ terminalia). Type-locality: Chile, Aysen, Puerto Cisnes. Distr.: Chile (Aysen, Magallanes). Ref.: Duret, 1984c: 39 (distribution). Holotype ♂, CNC.
- villaricaense** Duret, 1976a: 191, figs. 37-39 (midcoxal process, ♂ terminalia). Type-locality: Chile, Cautín, Los Coigües, Lago Villarica. Distr.: Chile (Cautín). Holotype ♂, CNC.
- vockerothi** Duret, 1976a: 192, figs. 40-43 (midcoxal process, ♂ terminalia). Type-locality: Chile, Chiloé, Isla Chiloé, Dalcahue. Distr.: Chile (Aysen, Chiloé). Holotype ♂, CNC.

Genus **Mycomya** Rondani, 1856

Mycomya Rondani, 1856: 194. Type-species, *Sciophila marginata* Meigen (mon.).

Mycomyia, emend.

Cnephaeophila Philippi, 1865: 618. Type-species, *fenestralis* (mon.).

Sciophila, authors, not Meigen.

Comments. The subdivision of the gigantic genus *Mycomya* seems highly desirable. Väisänen (1984) began this process by proposing subgenera which is very useful—though a subgeneric status for these taxa seems adequate. Except by the species assigned to subgenera by Väisänen (1984) a large number of species of *Mycomya*, including many of the Neotropical ones, have never been assigned to subgenera. The assignment of the unplaced species to subgenera is beyond the scope of this paper. We avoid losing the information already available implicit in the grouping of *Mycomya* species and list the unplaced species separately.

Mycomya (Calomycomya) Väisänen

Mycomya, subgen. **Calomycomya** Väisänen, 1984: 256. Type-species: *Sciophila pulchella* Dziedzicki, 1885 (orig. des.).

- ansata** Freeman, 1951: 38, figs. 33-25 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 52 (comments on types and label data), fig. 144 (habitus). Holotype ♂, NHM.
- basinerva** Freeman, 1951: 37, figs. 29-32 (♂ terminalia), 80 (midcoxal process). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1984c: 39 (distribution); Amorim & Oliveira, 2013: 54 (comments on types and label data), fig. 145 (habitus). Holotype ♂, NHM.
- borinquensis** Coher, 1959: 88, figs. 97-99 (♂ terminalia). Type-locality: Puerto Rico, Maricao. Distr.: Puerto Rico, Brazil (Goiás, São Paulo, Mato Grosso do Sul). Holotype ♂, USNM.
- dumeta** Coher, 1959: 85, figs. 92-94 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- funebri** Freeman, 1951: 38, figs. 36-37. Type-locality: Chile, Chiloé, Ancud. Distr.: Chile (Chiloé), Argentina (Neuquén). Ref.: Amorim & Oliveira, 2013: 54 (comments on types and label data), fig. 146 (habitus). Holotype ♂, NHM.
- tolteca** Väisänen, 1984: 259, figs. 838-843 (♂ terminalia), 844-845 (♀ terminalia). Type-locality: Mexico, Puebla No. 7, 5 mi. NE Teziutlán. Distr.: Mexico (Mexico). Holotype ♂, SNOW.
- valdiviana** (Philippi, 1865): 624 (*Sciophila*). Type-locality: Chile, Corral. Distr.: Argentina (Río Negro), Chile (Llanquihué, Chiloé, Magallanes). Refs.: Freeman, 1951: 39 (distribution), figs. 38-39 (♂ terminalia), 81 (midcoxal process); Duret, 1984c: 39 (distribution); Amorim & Oliveira, 2013: fig. 147 (habitus). Type, ?.
- yunga** Väisänen, 1984: 256, figs 836-837 (♂ terminalia). Type-locality: Mexico, Puebla, 9 mi. SW Coacoyunga. Distr.: Mexico (Mexico). Holotype ♂, SNOW.

Mycomya (Coheromyia) Väisänen

Mycomya, subgen. **Coheromyia** Väisänen, 1984: 282. Type-species: *Mycomya branderi* Väisänen (orig. des.).

- arethusa** Coher, 1952: 216, fig. 1 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- brevifurcata** Enderlein, 1910a: 162. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes F, PAN.
- brontes** Coher, 1952: 217, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (Goiás, São Paulo). Holotype ♂, MZUSP.

- cleta** Coher, 1952: 217, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Argentina (Salta). Holotype ♂, MZUSP.
- dryope** Coher, 1952: 219, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- goethalsi** Väisänen, 1981: 94, figs. 1-4 (♂ terminalia). Type-locality: Panama, Canal Zone, Barro Colorado Isl. Distr.: Panama. Holotype ♂, WSU.
- hamadryas** Coher, 1952: 220, fig. 5 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Santo Amaro). Distr.: Brazil (Goiás, São Paulo), Argentina (Salta). Holotype ♂, MZUSP.
- iphis** Coher, 1952: 220, fig. 6 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- irene** Coher, 1952: 222, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo), Argentina (Salta). Holotype ♂, MZUSP.
- midas** Coher, 1952: 223, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- nicothoe** Coher, 1952: 224, fig. 9 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Morumbi). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- oreades** Väisänen, 1984: 289, figs. 934-939 (♂ terminalia), 940-941 (♀ terminalia). Type-locality: USA, Colorado, Ward. Distr.: USA (Montana, Colorado), Mexico. Holotype ♂, AMNH.
- peruviana** Edwards, 1931: 258. Type-locality: Peru, Lima, Verrugas. Ref.: Amorim & Oliveira, 2013: 54 (type comments, lectotype designation and labels data), fig. 148 (habitus). Lectotype ♀, NHM.
- tantalos** Coher, 1959: 71, figs. 70-71 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- tantilla** (Loew, 1869): 140 (Cent. 9, n° 21) (*Sciophila*). Type-locality: U.S.A., Nebraska. Distr.: S. Canada, south to New Mexico and North Carolina; Costa Rica. Ref.: Väisänen, 1984: 285, figs. 921 (♂ terminalia), 822-923 (♀ terminalia) (notes that Costa Rican record probably concerns another species). Holotype M, MCZ.

Mycomya (*Cymomya*) Väisänen

Mycomya, subgen. **Cymomya** Väisänen, 1984: 271. Type-species: *Sciophila circumdata* Staeger 1840 (orig. des.).

- austrobligua** Coher, 1959: 73, figs. 72-73 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo), Mexico. Ref.: Väisänen, 1984: 280, figs. 909-910 (♂ terminalia). Holotype ♂, MZUSP.

Mycomya (*Mycomya*) Rondani

Mycomya, subgen. **Mycomya** Rondani, 1856: 194. Type-species: *Sciophila marginata* Meigen (mon.).

- bifida** Freeman, 1951: 34, figs. 18 (♂ terminalia), 78 (midcoxal process). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 54 (comments on types and label data), fig. 149 (habitus). Holotype ♂, NHM.
- chilensis** (Blanchard, in Gay, 1852): 357 (*Sciophila*). Type-locality: Coquimbo. Distr.: Argentina (Río Negro), Chile (Coquimbo, Valparaíso, Ñuble, Bío Bío, Malleco, Osorno, Llanquihué, Chiloé, Magallanes, Valdivia). Refs.: Freeman, 1951: 33 (distribution), figs. 10, 12 (♂ terminalia), 75 (midcoxal process); Duret, 1977b: 357 (distribution); Amorim & Oliveira, 2013: 55, fig. 150 (habitus). Type lost.
- lamellata** Freeman, 1951: 35, figs. 19 (♂ terminalia), 76 (midcoxal process). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro), Chile (Chiloé). Ref.: Amorim & Oliveira, 2013: 55 (comments on types and label data), fig. 151 (habitus). Holotype ♂, NHM.
- libentia** Plassmann & Vogel, 1990: 125, fig. 2 (♂ terminalia). Type-locality: Chile, Cape Horn, in soil forest of *Nothophagus betuloides*, about 80 m above sea level from the island of Navarino. Distr.: Chile (Tierra del Fuego). Holotype ♂, ZSM.
- ochracea** Freeman, 1951: 34, figs. 15, 17 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Argentina (Río Negro), Chile (Valparaíso, Ñuble, Bío Bío, Llanquihué, Chiloé, Angol). Ref.: Amorim & Oliveira, 2013: 55 (comments on types and label data), fig. 152 (habitus). Holotype ♂, NHM.
- simillima** Freeman, 1951: 33, fig. 11 (9th abdominal tergite), 19 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Ref.: Amorim & Oliveira, 2013: 55 (comments on types and label data), fig. 153 (habitus). Holotype ♂, NHM.

- subfusca** Freeman, 1951: 33, figs. 14, 16 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihué, Magallanes). Refs.: Duret, 1984c: 39 (distribution); Amorim & Oliveira, 2013: 55 (comments on types and label data), fig. 154 (habitus). Holotype ♂, NHM.
- terminata** Garrett, 1924: 60. Type-locality: Canada, British Columbia, Vancouver and Savary Island [restricted to Vancouver by Väisänen, 1984: 125]. Distr.: Canada, USA, Mexico (Baja California). Ref.: Väisänen, 1984: 12, figs. 388-394 (♂ terminalia), 396-396 (♀ terminalia). Lectotype ♂, NHM.

Mycomya (Mycomyopsis) Väisänen

Mycomya, subgen. **Mycomyopsis** Väisänen, 1984: 25. Type-species: *Sciophila trilineata* Zetterstedt 1838 (orig. des.).

- carpinea** Plassmann & Vogel, 1990: 124, fig. 1 (♂ terminalia). Type-locality: Chile, Cape Horn, in mixed soil forest of *Nothophagus pumilio* and *N. betuloides*, about 50 m above sea level from the island of Navarino. Distr.: Chile (Tierra del Fuego). Holotype ♂, ZSM.
- forcipata** Freeman, 1951: 42, figs. 53-54 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Ñuble). Ref.: Amorim & Oliveira, 2013: 57 (comments on types and label data), fig. 155 (habitus). Holotype ♂, NHM.
- longistila** Freeman, 1951: 42, figs. 55-56 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Argentina (Río Negro), Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 57 (comments on types and label data), fig. 156 (habitus). Holotype ♂, NHM.
- pontis** Coher, 1959: 75, figs. 74-75 (♂ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Mycomya (Neomycomya) Väisänen

Mycomya, subgen. **Neomycomya** Väisänen, 1984: 292. Type-species: *Sciophila fimbriata* Meigen 1818 (orig. des.).

- alexanderi** Coher, 1950b: 565, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- bequaerti** Coher, 1950b: 577, fig. 13 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- citrina** Shaw, 1940: 806, fig. 4 (♂ terminalia). Type-locality: Costa Rica, Rivas, Valley of the General, 2925 ft. Distr.: Costa Rica. Ref. Coher, 1959: 76, figs. 76-77 (♂ terminalia). Holotype ♂, USNM.
- cramptoni** Coher, 1950b: 569, fig. 5 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- ferrazi** Coher, 1950b: 579, fig. 15 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- hansoni** Coher, 1950b: 566, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- lanei** Coher, 1950b: 572, fig. 9 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- manteri** Coher, 1950b: 564, fig. 1 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- mathesoni** Coher, 1950b: 578, fig. 14 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- samesteri** Coher, 1950b: 576, fig. 12 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- shannoni** Coher, 1950b: 574, fig. 10 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Unplaced species of *Mycomya*

- americana** (Schiner, 1868): 14 (*Sciophila*). Type-locality: "South America". Distr.: "South America". Holotype ♂, MNGW.

- boracensis** Coher, 1959: 80, figs. 84-85 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (Rio de Janeiro, São Paulo). Holotype ♂, CC.
- campestra** Coher, 1959: 89, figs. 100-101 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- carrerai** Coher, 1950b: 572, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- clavata** (Lynch Arribáizaga, 1892): 417 (1892: 43) (*Sciophila*). Type-locality: Argentina, Buenos Aires, Chacabuco. Distr.: Argentina (Buenos Aires). Type lost.
- connecta** Coher, 1959: 86, figs. 95-96 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, CC.
- coxalis** Freeman, 1951: 43, figs. 57-58 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego). Ref.: Amorim & Oliveira, 2013: 58 (comments on types and label data), fig. 157 (habitus). Holotype ♂, NHM.
- cylindrica** Freeman, 1951: 41, figs. 50-52 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro), Chile (Ñuble, Osorno, Llanquihué). Ref.: Amorim & Oliveira, 2013: 58 (comments on types and label data), fig. 158 (habitus). Holotype ♂, NHM.
- divisa** Freeman, 1951: 45, figs. 68-70 (♂ terminalia). Type-locality: Chile, Llanquihué, Puerto Varas. Distr.: Argentina (Río Negro), Chile (Ñuble, Bío Bío, Osorno, Llanquihué, Chiloé, Angol). Ref.: Amorim & Oliveira, 2013: 59 (comments on types and label data), fig. 159 (habitus). Holotype ♂, NHM.
- dorsimacula** Enderlein, 1910a: 162 (as var. of *lutea*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♂, PAN. **n. stat.**
- edwardsi** Coher, 1950b: 575, fig. 11 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantereira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- epacra** Coher, 1959: 77, figs. 78-79 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- excerta** Coher, 1959: 79, figs. 82-83 (♂ terminalia). Type-locality: Brazil, São Paulo. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- excerpta*, error: Papavero, 1978: 40.
- falcifera** Freeman, 1951: 41, figs. 47-49 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Magallanes). Refs.: Duret, 1984c: 39 (distribution); Amorim & Oliveira, 2013: 59 (comments on types and label data), fig. 160 (habitus). Holotype ♂, NHM.
- fenestralis** (Philippi, 1865): 618, pl. 23, fig. 6 (whole insect) (*Cnephaeophila*). Type-locality: Chile, Santiago. Distr.: Chile. Ref.: Freeman, 1951: 3 (in *Mycomya*). Type, ?.
- flavescens** Freeman, 1951: 38, figs. 40-41 (♂ terminalia), 75 (midcoxal process). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 59 (comments on types and label data), fig. 161 (habitus). Holotype ♂, NHM.
- freemani** Coher, 1950b: 570, fig. 6 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- fuscicornis** Freeman, 1951: 36, figs. 24-25 (♂ terminalia), 81 (midcoxal process). Type-locality: Chile, Chiloé, Puntra. Distr.: Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 59 (comments on types and label data), fig. 162 (habitus). Holotype ♂, NHM.
- inermis** Freeman, 1951: 40, figs. 44-46 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 59 (comments on types and label data), fig. 163 (habitus). Holotype ♂, NHM.
- infirma** (Lynch Arribáizaga, 1892): 420 (1892: 46) (*Sciophila*). Type-locality: Argentina, Prov. Buenos Aires. Distr.: Argentina. Type lost.
- infuscata** Freeman, 1951: 39, figs. 42-43 (♂ terminalia). Type-locality: Chile, Angol. Distr.: Chile (Angol). Ref.: Amorim & Oliveira, 2013: 60 (comments on types and label data), fig. 164 (habitus). Holotype ♂, NHM.
- jaffuelensis** Freeman, 1951: 43, figs. 59-60 (♂ terminalia). Type-locality: Chile, Valparaíso, Marga Marga. Distr.: Chile (Valparaíso). Ref.: Amorim & Oliveira, 2013: 60 (comments on types and label data), fig. 165 (habitus). Holotype ♂, NHM.
- lutea** Enderlein, 1910a: 161. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♀, PAN.
- malvinensis** Vogel & Plassmann, 1985: 282, fig. 1 (♂ terminalia). Type-locality: Falkland Islands, Port Stanley. Distr.: Falkland Islands. Holotype ♂, ZSM.
- meridionalis** (Johannsen, 1909): 180 (*nom.nov.* for *Sciophila diluta* Williston). Type-locality: St. Vincent, W.I. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 60 (type comments, lectotype designation and labels data). Lectotype ♂, NHM.

- diluta* Williston, 1896: 263, pl. 8, fig. 17 (wing) (*Sciophila*) (preocc. Zetterstedt, 1860). Type-locality: St. Vincent, W.I. Lectotype ♂, NHM.
- multiseta** Coher, 1959: 83, figs. 90-91 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, CC.
- paupercula** Coher, 1959: 99, figs. 104-105 (♂ terminalia). Type-locality: Chile, Valparaíso, Marga-Marga. Distr.: Chile (Valparaíso). Holotype ♂, USNM.
- pectinata** Freeman, 1951: 43, figs. 61-63 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Magallanes). Refs.: Duret, 1977b: 357 (distribution); Amorim & Oliveira, 2013: 60 (comments on types and label data), fig. 166 (habitus). Holotype ♂, NHM.
- portoblast** Coher, 1959: 98, figs. 102-103 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro). Holotype ♂, USNM.
- setifera** Freeman, 1951: 45, figs. 71-74 (♂ terminalia). Type-locality: Chile, Chiloé, Castro. Distr.: Chile (Osorno, Chiloé). Ref.: Amorim & Oliveira, 2013: 62 (comments on types and label data), fig. 167 (habitus). Holotype ♂, NHM.
- shawi** Coher, 1950b: 568, fig. 4 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- simplex** Coher, 1959: 82, figs. 88-89 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- spinifera** Freeman, 1951: 36, figs. 22-23 (♂ terminalia), 79 (midcoxal process). Type-locality: Chile, Chiloé, Ancud. Distr.: Chile (Chiloé, Magallanes). Refs.: Duret, 1977b: 357 (distribution), 1984c: 39 (distribution); Amorim & Oliveira, 2013: 62 (comments on types and label data), fig. 168 (habitus). Holotype ♂, NHM.
- spinosa** Freeman, 1951: 36, figs. 26-28 (♂ terminalia), 81 (midcoxal process). Type-locality: Chile, Chiloé, Puntra. Distr.: Chile (Chiloé). Ref.: Amorim & Oliveira, 2013: 62 (comments on types and label data), fig. 169 (habitus). Holotype ♂, NHM.
- subpacra** Coher, 1959: 78, figs. 80-81 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- taurus** Freeman, 1951: 44, figs. 64-67. Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Bío Bío, Llanquihué, Magallanes). Refs.: Duret, 1984c: 39 (distribution); Amorim & Oliveira, 2013: 62 (comments on types and label data), fig. 170 (habitus). Holotype ♂, NHM.
- theobaldi** Coher, 1959: 81, figs. 86-87 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, CC.
- traveri** Coher, 1950b: 571, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- travae* Coher, 1959: 70, emend [this is a correct emendation of Dr. Jay Traver, after whom it was named was female, which was presumably the reason for the emendation].
- trichops** Freeman, 1951: 35, figs. 20-21 (♂ terminalia), 77 (midcoxal process). Type-locality: Chile, Chiloé, Ancud. Distr.: Chile (Chiloé). Ref.: Amorim & Oliveira, 2013: 62 (comments on types and label data), fig. 171 (habitus). Holotype ♂, NHM.

Genus **Neoempheria** Osten Sacken, 1878

Empheria Winnertz, 1863: 783 (preocc. Hagen, 1856). Type-species, *Sciophila striata* Meigen (Coquillett, 1910: 537).
Neoempheria Osten Sacken, 1878: 9 (*nom. nov.* for *Empheria* Winnertz). Type-species, *Sciophila striata* Meigen (auct.).

Pleonazoneura Enderlein, 1910a: 156. Type-species, *P. johannseni* Enderlein (orig. des.).

Neurocompsa Enderlein, 1910a: 158. Type-species, *N. ornatipennis* Enderlein (orig. des.).

Comments. *Neoempheria* is a huge genus with more than one subgroup with worldwide distribution. Edwards (1940b) and Coher (1959) gathered the Neotropical species of the genus in groups. We don't use these groups here, even though we see as highly desirable breaking down the genus into smaller taxonomic units.

acidoti Coher, 1959: 27, pl. 2 (wing), figs. 16-17 (♂ terminalia). Type-locality: Peru, Loreto, Cerro Azul. Distr.: Peru. Holotype ♂, CC.

bidentata Coher, 1959: 20, pl. 1 (wing), figs. 2-3 (♂ terminalia). Type-locality: Argentina, Salta, Embarcación. Distr.: Argentina (Salta). Holotype ♂, IML.

bifida Coher, 1959: 31, pl. 2 (wing), figs. 20-21 (♂ terminalia). Type-locality: Argentina, Salta, Aguaray. Distr.: Argentina (Salta). Holotype ♂, IML.

biflagellata Edwards, 1940b: 127, fig. 12b (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia.

- Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 63 (comments on types and label data), fig. 172 (habitus). Holotype ♂, NHM.
- bilobata** Edwards, 1940b: 113, fig. 3b (♂ terminalia), pl. 1, fig. 11 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 63 (comments on types and label data), fig. 173 (habitus). Holotype ♂, NHM.
- bipectinata** Edwards, 1940b: 110, fig. 1b (♂ terminalia), pl. 1, fig. 2 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, Goiás). Ref.: Amorim & Oliveira, 2013: 63 (comments on types and label data), fig. 174 (habitus). Holotype ♂, NHM.
- borgmeieri** Edwards, 1940b: 113. Type-locality: Brazil, Santa Catarina, Bom Retiro. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 63 (comments on types and label data), fig. 175 (habitus). Holotype ?F, NHM.
- bradleyi** Edwards, 1940b: 118, fig. 6E (♂ terminalia) (as *maculipennis* ssp.). Type-locality: Peru, Putumayo, La Sombra. Ref.: Coher, 1959: 19 (specific rank). Distr.: Peru. Holotype ♂, CUC.
- brasiliensis** Coher, 1959: 56, pl. 4 (wing), figs. 60-61 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- breviceuda** Edwards, 1940b: 112, fig. 8 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 65 (comments on types and label data), fig. 176 (habitus). Holotype ♀, NHM.
- cincta** Shaw, 1940: 806, fig. 5 (♂ terminalia). Type-locality: Costa Rica, San Ramón, Valley of the General, 2800 ft. Distr.: Costa Rica. Ref.: Coher, 1959: 39, pl. 3 (wing). Holotype ♂, USNM.
- comes** Coher, 1959: 44, pl. 4 (wing), figs. 41-42 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, MZUSP.
- costalimai** Edwards, 1940b: 126, fig. 12a (♂ terminalia), pl. 2, fig. 23 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 65 (comments on types and label data), fig. 177 (habitus). Holotype ♂, NHM.
- costaricensis** Coher, 1959: 49, pl. 4 (wing), figs. 50-51 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, MZUSP.
- defleta** Coher, 1959: 53, pl. 4 (wing), figs. 56-57 (♂ terminalia). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás). Holotype ♂, MZUSP.
- dziedzickii** Coher, 1959: 44, pl. 3 (wing), figs. 39-40 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- ecuadorensis** Coher, 1959: 21, pl. 1 (wing), figs. 4-5 (♂ terminalia). Type-locality: Ecuador, Napo-Pastaza, Abitagua. Distr.: Ecuador. Holotype ♂, USNM.
- enderleini** Edwards, 1940b: 122, fig. 9b (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Salta). Ref.: Amorim & Oliveira, 2013: fig. 178 (habitus). Holotype ♂, PAN.
- evanescens** (Enderlein, 1910a): 158 (*Pleonazoneura*, as *johannseni* var.). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Edwards, 1940b: 121, fig. 7b (♂ terminalia). Holotype ♂, PAN.
- faceta** Coher, 1959: 48, pl. 4 (wing), figs. 47-49 (♂ terminalia). Type-locality: Argentina, Salta, Aguaray. Distr.: Argentina (Salta). Holotype ♂, IML.
- fallax** Coher, 1959: 33, pl. 2 (wing), figs. 24-25 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo. Distr.: Brazil (São Paulo), Argentina (Jujuy). Holotype ♂, CC.
- flavicornis** Edwards, 1940b: 123, fig. 10b (♂ terminalia), pl. 2, fig. 21 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 65 (comments on types and label data), fig. 179 (habitus). Holotype ♂, NHM.
- flavicoxa** Edwards, 1940b: 115, fig. 4b (♂ terminalia), pl. 2, fig. 15 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 65 (comments on types and label data), fig. 180 (habitus). Holotype ♂, NHM.
- formosensis** (Lynch Arribáizaga, 1892): 416 (1892: 42) (*Sciophila*). Type-locality: Argentina, Chaco, near Formosa. Distr.: Argentina (Chaco). Ref.: Coher, 1959: 14 (suggested synonymy with *N. neivai*). Type, ?.
- glochis** Coher, 1959: 22, pl. 1 (wing), figs. 6-7 (♂ terminalia). Type-locality: Panama, Canal Zone, Barro Colorado. Distr.: Costa Rica, Panama. Holotype ♂, USNM.
- goiana** Coher, 1959: 38, pl. 3 (wing), figs. 31-32 (♂ terminalia). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás). Holotype ♂, MZUSP.
- horrens** Coher, 1959: 25, pl. 1 (wing), figs. 8 (tergite 8), 9 (sternite 8), 10-11 (♂ terminalia). Type-locality: Argentina, Salta, Aguaray. Distr.: Argentina (Salta). Holotype ♂, IML.
- jamaicensis** Coher, 1961: 129, figs. 1 (M wing), 2 (F wing), 3-6 (♂ terminalia). Type-locality: Jamaica, West Indies, Portland Parish, 1 mile WSW of Ecclesdown. Distr.: Jamaica. Holotype ♂, USNM.

- johannseni** (Enderlein, 1910a): 156 (*Pleonazoneura*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Edwards, 1940: 126, fig. 11b (♂ terminalia). Lectotype ♂, PAN.
- jugalis** Coher, 1959: 47, pl. 4 (wing), figs. 45-46 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Morumbi). Distr.: Brazil (São Paulo). Holotype ♂, CC.
- kaestneri** Edwards, 1940b: 121, fig. 8a (♂ terminalia). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Salta, Tucumán). Ref.: Amorim & Oliveira, 2013: fig. 181 (habitus). Holotype ♂, PAN.
- kerteszi** Oliveira & Amorim, **nom.nov.** Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♀, HNHM. **Nomen novum** for *Neoempheria apicalis* Kertész, 1909: 140, preoccupied by *N. apicalis* de Meijere, 1907: 204.
apicalis Kertész, 1909: 140 (preocc. de Meijere, 1907: 204). Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♀, HNHM.
- lanei** Edwards, 1940b: 118, fig. 6b (♂ terminalia), pl. 2, fig. 17 (wing). Type-locality: Brazil, São Paulo, Juiquiá. Distr.: Brazil (São Paulo), Panama. Ref.: Amorim & Oliveira, 2013: 66 (comments on types and label data), fig. 182 (habitus). Holotype ♂, NHM.
- larifuga** Coher, 1959: 35, pl. 2 (wing), figs. 27-28 (♂ terminalia). Type-locality: Argentina, Salta, Aguaray. Distr.: Peru (Loreto), Argentina (Salta). Holotype ♂, IML.
- levir** Coher, 1959: 39, pl. 3 (wing), figs. 33-34 (♂ terminalia). Type-locality: Peru, Loreto, Cerro Azul. Distr.: Peru. Holotype ♂, CC.
- lindneri** Edwards, 1940b: 125, fig. 11a (♂ terminalia), pl. 1, fig. 6 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 66 (comments on types and label data), fig. 183 (habitus). Holotype ♂, NHM.
- longiseta** Coher, 1959: 37, pl. 3 (wing), figs. 29-30 (♂ terminalia). Type-locality: Argentina, Salta, Aguaray. Distr.: Brazil (São Paulo), Argentina (Salta). Holotype ♂, IML.
- luederwaldti** Edwards, 1940b: 121, fig. 9a (♂ terminalia), pl. 2, fig. 20 (wing). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: fig. 184 (habitus). Holotype ♂, PAN.
- lutzi** Edwards, 1940b: 128, pl. 1, fig. 4 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Refs.: Coher 1959: 51, figs. 52-53 (♂ terminalia); Amorim & Oliveira, 2013: 66 (comments on types and label data), fig. 185 (habitus). Holotype ♀, NHM.
- maculipennis** Williston, 1896: 262, pl. 8, fig. 16 (wing). Type-locality: St. Vincent, W.I., 1500 m. Distr.: St. Vincent. Refs.: Edwards, 1940b: 118, fig. 6d (♂ terminalia), pl. 2, fig. 12 (wing); Amorim & Oliveira, 2013: 66 (type comments, lectotype designation and labels data), fig. 186 (habitus). Lectotype ♂, NHM.
- muelleri** Edwards, 1940b: 116, fig. 6c (♂ terminalia), pl. 2, fig. 16 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 67 (comments on types and label data), fig. 187 (habitus). Holotype ♂, NHM.
- neivai** Edwards, 1940b: 109, fig. 1a (♂ terminalia), pl. 1, fig. 1 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Guyana, Panama. Ref.: Amorim & Oliveira, 2013: 67 (comments on types and label data), fig. 188 (habitus). Holotype ♂, NHM.
- ornatipennis** (Enderlein, 1910a): 159, fig. 1 (wing) (*Neurocompsa*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, São Paulo, Bahia), Argentina (Salta). Refs.: Edwards, 1940b: 119, fig. 7a (♂ terminalia), pl. 2, fig. 19 (wing); Amorim & Oliveira, 2013: fig. 189 (habitus). Holotype ♂, PAN.
- panamensis** Coher, 1959: 19, pl. 1 (wing), fig. 1 (♂ terminalia). Type-locality: Panama, Canal Zone, Barro Colorado. Distr.: Panama. Holotype ♂, USNM.
- paulensis** Coher, 1959: 55, pl. 4 (wing), figs. 58-69 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- pereirai** Edwards, 1940b: 129, pl. 1, fig. 5 (wing) (1941a: 307, again as n.sp.). Type-locality: Brazil, Mato Grosso do Sul, Salobra. Distr.: Brazil (Mato Grosso do Sul). Ref.: Amorim & Oliveira, 2013: 67 (comments on types and label data), fig. 190 (habitus). Holotype ♀, NHM.
- philipsi** Shaw, 1951: 148 (*nom. nov.* for *neivai* Shaw). Type-locality: Costa Rica, Valley of the General, Pedregoso, 2300 ft. Distr.: Costa Rica. Holotype ♂, SC.
neivai Shaw, 1940 [Dec.]: 808, fig. 7 (♂ terminalia) (preocc. Edwards, 1940b [April]). Type-locality: Costa Rica, Valley of the General, Pedregoso, 2300 ft.
- pilosa** Edwards, 1940b: 124, fig. 10d (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 68 (comments on types and label data), fig. 191 (habitus). Holotype ♂, NHM.
- plaumanni** Edwards, 1940b: 114, fig. 4a (♂ terminalia), pl. 2, fig. 13 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo, Mato Grosso do Sul), Argentina (Salta, Tucumán). Ref.: Amorim & Oliveira, 2013: 68 (comments on types and label data), fig. 192 (habitus). Holotype ♂, NHM.
- plaumanni** var.? Edwards, 1940b: 115, pl. 2, fig. 14 (wing). Distr. Brazil (Santa Catarina). ♀ from Brazil, Santa Catarina, Seara, Nova Teutônia. F, NHM.
- portoricensis** Coher, 1959: 41, pl. 3 (wing), figs. 37-38 (♂ terminalia). Type-locality: Puerto Rico, Mayaguez. Distr.:

Puerto Rico. Holotype ♂, USNM.

- puncticoxa** Edwards, 1940b: 115, fig. 5 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Refs.: Coher, 1959: 24, pl. 1; Amorim & Oliveira, 2013: 68 (comments on types and label data), fig. 193 (habitus). Holotype ♂, NHM.
- rabelloi** Coher, 1959: 52, pl. 4 (wing), figs. 54-55 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- rostrata** Edwards, 1940b: 124, fig. 10c (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 68 (comments on types and label data), fig. 194 (habitus). Holotype ♂, NHM.
- separata** Coher, 1959: 32, pl. 2 (wing), figs. 22-23 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, MZUSP.
- shannoni** Edwards, 1940b: 125, fig. 11c (♂ terminalia), pl. 2, fig. 22 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 70 (comments on types and label data), fig. 195 (habitus). Holotype ♂, NHM.
- simplex** Edwards, 1940b: 112, fig. 3a (♂ terminalia), pl. 1, fig. 10 (M wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 70 (comments on types and label data), fig. 196 (habitus). Holotype ♂, NHM.
- smartii** Edwards, 1940b: 123, fig. 9c (♂ terminalia). Type-locality: Guyana, Mazaruni. Distr.: Guyana. Ref.: Amorim & Oliveira, 2013: 70 (comments on types and label data), fig. 197 (habitus). Holotype ♂, NHM.
- socia** Coher, 1959: 45, pl. 4 (wing), figs. 43-44 (♂ terminalia). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás). Holotype ♂, MZUSP.
- spinosa** Edwards, 1940b: 111, fig. 2 (♂ terminalia), pl. 1, fig. 7 (wing). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 70 (comments on types and label data), fig. 198 (habitus). Holotype ♂, NHM.
- subclavata** Edwards, 1940b: 121, fig. 8b (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 70 (comments on types and label data), fig. 199 (habitus). Holotype ♂, NHM.
- subfallax** Coher, 1959: 34, pl. 2 (wing), fig. 26 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- subhorrens** Coher, 1959: 26, pl. 1 (wing), fig. 12 (tergite 8), 13 (sternite 8), 14 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, MZUSP.
- sublevir** Coher, 1959: 40, pl. 3 (wing), figs. 35-36 (♂ terminalia). Type-locality: Panama, Canal Zone, Summit. Distr.: Panama. Holotype ♂, USNM.
- tetraphaea** Shaw, 1940: 807. fig. 6 (♂ terminalia). Type-locality: Costa Rica, Valley of the General, Rivas, 2875 ft. Distr.: Costa Rica. Ref.: Coher, 1959: 21, pl. 1 (wing). Holotype ♂, USNM.
- unispinosa** Edwards, 1940b: 123, fig. 10a (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 71 (comments on types and label data), fig. 200 (habitus). Holotype ♂, NHM.
- varipennis** (Lynch Arribáizaga, 1892): 423 (1892: 49) (*Empheria*). Type-locality: Argentina, Misiones, Santa Ana. Distr.: Brazil (Santa Catarina, Paraná), Argentina (Misiones). Refs.: Edwards, 1940b: 116, fig. 6a (♂ terminalia); Coher, 1959: 18 pl. 1 (wing); Amorim & Oliveira, 2013: fig. 201 (habitus). Type lost.
- variipennis*, error.
- vogeli** Edwards, 1940b: 127, fig. 12c (♂ terminalia), pl. 1, fig. 3 (wing). Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro). Ref.: Amorim & Oliveira, 2013: 71 (comments on types and label data), fig. 202 (habitus). Holotype ♂, NHM.
- zeteki** Coher, 1959: 28, pl. 2 (wing), figs. 18-19 (♂ terminalia). Type-locality: Panama, Canal Zone, Barro Colorado. Distr.: Panama. Holotype ♂, USNM.

Subfamily **Leiinae** Edwards, 1925

Leiini Edwards, 1925: 547, 575.

Leiinae Hendel, 1936: 1895.

Genus **Aphrastomyia** Coher & Lane, 1949

Aphrastomyia Coher & Lane, 1949: 485. Type-species, *A. cramptoni* Coher & Lane (orig. des.).

Ref.: Lane, 1961b (identification key); Jaschhof & Kallweit, 2004 (supplement to genus description, identification key to Costa Rican species)

- biocellata** Jaschhof & Kallweit, 2004: 121, figs. 21-23 (♂ terminalia). Type-locality: Costa Rica, Limón province, Biological Reserve Hitoy Cerere, Sendero Espavel, 560 m. Distr.: Costa Rica (Limón). Holotype ♂, INBio.
- brevicornis** Jaschhof & Kallweit, 2004: 119, figs. 5 (thorax), 15-17 (♂ terminalia). Type-locality: Costa Rica, Cartago province, National Park Tapantí-Macizo de la Muerte, Sendero Arboles Caídos, 1500–1600 m. Distr.: Costa Rica (Cartago). Holotype ♂, INBio.
- cerquerei** Lane, 1961b: 10. Type-locality: Brazil, Amazonas, Manaus (Igarapé do Francês). Distr.: Brazil (Amazonas). Holotype ♀, MZUSP.
- communis** Jaschhof & Kallweit, 2004: 115, figs. 2-3 (antenna), 6 (♀ terminalia), 9-10 (♂ terminalia). Type-locality: Costa Rica, Cartago province, National Park Tapantí-Macizo de la Muerte, Sendero Arboles Caídos, 1500–1600 m. Distr.: Costa Rica (Cartago, Puntarenas, Limón, Guanacaste). Holotype ♂, INBio.
- cramptoni** Coher & Lane, 1949: 486, figs. 1 (head), 2 (antenna), 3 (thoracic sclerites), 4 (wing), 5 (8th abdominal sternite), 7-9 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- flavicornis** Jaschhof & Kallweit, 2004: 116, figs. 11-12 (♂ terminalia). Type-locality: Costa Rica, Puntarenas province, Corcovado National Park, Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas, Limón, Guanacaste). Holotype ♂, INBio.
- longirostris** Jaschhof & Kallweit, 2004: 114, figs. 1 (head), 7-8 (♂ terminalia). Type-locality: Costa Rica, Puntarenas province, Corcovado National Park, Fila Ceniza, 260 m. Distr.: Costa Rica (Puntarenas, Guanacaste). Holotype ♂, INBio.
- †**planistylus** Baxter, in Baxter & Poinar, 1994: 100, figs. 8-9 (♂ terminalia), 13 (whole specimen). Type-locality: Dominican Republic. Oligocene amber. Distr.: Dominican Republic. Holotype ♂, UCB.
- quadrilineata** Jaschhof & Kallweit, 2004: 120, figs. 4 (antenna), 18-20 (♂ terminalia). Type-locality: Costa Rica, Guanacaste province, Nandayure, Bellavista, Cerro Azul, 1050 m. Distr.: Costa Rica (Guanacaste). Holotype ♂, INBio.
- shannoni** Lane, 1956a: 119, fig. 1 (♂ terminalia). Type-locality: Peru, Loreto, Iquitos. Distr.: Peru (Loreto), Brazil (Amapá). Holotype ♂, USNM.
- solitaria** Jaschhof & Kallweit, 2004: 118, figs. 13-14 (♂ terminalia). Type-locality: Costa Rica, Puntarenas province, Buenos Aires, Potrero Grande, La Amistad International Park, Altamira, Cerro Frantzius, 2134 m. Distr.: Costa Rica (Puntarenas). Holotype ♂, INBio.

Genus *Leia* Meigen, 1818

Leia Meigen, 1818: 253. Type-species: *L. fascipennis* Meigen (Curtis, 1837: pl. 645).

Leja, error.

Lia, error.

Glaphyoptera Winnertz, 1863: 781 (preocc. Heer, 1852). Type-species: *Leia fascipennis* Meigen (Coquillett, 1910: 547).

Neoglaphyoptera Osten Sacken, 1878: 10 (*nom. nov.* for *Glaphyoptera* Winnertz). Type-species: *Leia fascipennis* Meigen (auct.).

Ref.: Shaw & Lane (1950), identification key to spp.

aczeli Lane, 1959a: 186. Type-locality: Argentina, Tucumán, Lacavera. Distr.: Argentina (Tucumán). Holotype ♀, MZUSP.

albicoxa Enderlein, 1910a: 190. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♂, PAN.

amabilis (Williston, 1900): 219 (*Neoglaphyoptera*). Type-locality: Mexico, Morelos, Cuernavaca, and Vera Cruz, near Medellín. Distr.: Mexico, Colombia. Ref.: Amorim & Oliveira, 2013: 31 (type comments, lectotype designation and labels data), figs. 74-75 (habitus). Lectotype ♂, NHM.

amapaensis Lane, 1959b: 116, fig. 13 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá, Pará). Holotype ♂, MZUSP.

andirai Lane, 1950: 130. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo, Rio de Janeiro), Argentina (Buenos Aires). Holotype ♀, MZUSP.

apicalis (Kertész, 1902): 581 (*Neoglaphyoptera*). Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♂, HNHM.

apinagei Lane, 1950: 125, fig. 13 (♂ terminalia). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo), Argentina (Misiones). Holotype ♂, MZUSP.

aruaci Lane, 1950: 122, figs 8-11 (♂ terminalia). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás). Holotype ♂, MZUSP.

axillipunctum Enderlein, 1910a: 198. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, Amapá, Pará), Argentina (Misiones). Ref.: Lane, 1959a: 186, fig. 5 (♂ terminalia). Holotype ♀, PAN.

- biamputata** Edwards, 1933: 317. Type-locality: Brazil, Minas Gerais, Araguaí. Distr.: Brazil (Minas Gerais, Goiás). Ref.: Amorim & Oliveira, 2013: 31 (type comments, species revalidation and labels data), fig. 76 (habitus). Holotype ♂, NHM.
- bilunula** Wiedemann, 1828: 65. Type-locality: “Brazil”. Distr.: “Brazil”, Argentina (Buenos Aires, Tucumán). Type, ?.
- bipartita** (Lynch Arribáizaga, 1892): 409 (1892: 35), pl. 1, fig. 19 (whole insect) (*Glaphyoptera*). Type-locality: Argentina, Buenos Aires: Baradero and Las Conchas. Distr.: Argentina (Buenos Aires). Type, ?.
- bipunctata** Fisher, 1939: 231, pl. 13, fig. 5 (♂ terminalia). Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.
- bivittata** Say, 1829: 152 (1859: 351). Type-locality: USA, Indiana. Distr.: USA (Minnesota to Maine, south to Kansas and North Carolina), Costa Rica. Type, ?.
- ssp. *tropicalis* Fisher, 1939: 233. Type-locality: Costa Rica. Holotype ♂, ANSP.
- ssp. *punctiformis* Fisher, 1939: 234. Type-locality: Costa Rica. Holotype ♂, ANSP.
- borgmeieri** Lane, 1959b: 117, fig. 14 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- cayapoi** Lane, 1950: 127. Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás). Holotype ♀, MZUSP.
- cincticauda** Enderlein, 1910a: 192. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes M, PAN.
- circumfera** Fisher, 1939: 231. Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♀, ANSP.
- collarigera** Enderlein, 1910a: 194. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♂, PAN.
- completa** (Kertész, 1902): 577 (*Neoglaphyoptera*). Type-localities: Peru, Callanga and Bolivia, Songo. Distr.: Peru, Bolivia (Songo). Syntypes M, HNHM.
- concinna** (Williston, 1896): 259 (*Neoglaphyoptera*). Type-locality: St. Vincent, W.I. Distr.: Mexico to Panama, St. Vincent. Ref.: Amorim & Oliveira, 2013: 33 (type comments, lectotype designation and labels data), fig. 77 (habitus). Lectotype ♀, NHM.
- costaricensis** Fisher, 1941: 8 (*nom. nov.* for *L. analis* Fisher). Type-locality: Costa Rica, San José. Distr.: Costa Rica. *analis* Fisher, 1939: 232, pl. 13, fig. 3 (♂ terminalia) (preocc. Meigen, 1818, now in *Boletina*). Type-locality: Costa Rica, San José. Holotype ♂, ANSP.
- dichroma** Freeman, 1951: 78. Type-locality: Chile, Llanquihué, Puerto Varas. Distr.: Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 33 (comments on types and label data), fig. 78 (habitus). Holotype ♀, NHM.
- disgrega** Edwards, 1933: 318. Type-locality: Peru, Río Urubamba, 3000 m. Distr.: Peru. Holotype ♂, MTD.
- diversicornis** (Kertész, 1902): 576 (*Neoglaphyoptera*). Type-locality: Peru, Callanga. Distr.: Peru, Brazil (Mato Grosso, São Paulo, Goiás). Holotype ♂, HNHM.
- diversipes** Edwards, 1933: 310. Type-locality: Bolivia, Mapi, Cordilleras, 4000-5000 m. Distr.: Bolivia (La Paz), Argentina (Salta). Refs.: Lane, 1959a: 187 (distribution); Amorim & Oliveira, 2013: 33, fig. 79 (habitus). Holotype ♂, MTD.
- elegans** (Kertész, 1902): 579 (*Neoglaphyoptera*). Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♂, HNHM.
- falculata** Edwards, 1933: 313. Type-locality: Brazil, Paraná, Rio Negro. Distr.: Brazil (São Paulo, Paraná), Argentina (Buenos Aires). Ref.: Amorim & Oliveira, 2013: 33 (comments on types and label data), fig. 80 (habitus). Holotype ♂, NHM.
- fasciata** (Kertész, 1902): 574 (wing, illustration on p. 575) (*Neoglaphyoptera*). Type-locality: Peru, Vilcanota and Callanga. Distr.: Peru, Bolivia (Suapi), Brazil (Rio de Janeiro, Santa Catarina, São Paulo, Paraná), Argentina (Buenos Aires), Paraguay. Syntypes MF, HNHM.
- fisherae** Shaw, 1950: 113, fig. 1 (♂ terminalia). Type-locality: Brazil, Paraná, Rio Negro. Distr.: Brazil (Paraná). Type, SC.
- flavoscutellata** (Lynch Arribáizaga, 1892): 410 (1892: 36) (*Glaphyoptera*). Type-locality: Argentina, Buenos Aires, Las Conchas. Distr.: Brazil (Rio de Janeiro, Santa Catarina, São Paulo, Minas Gerais), Argentina (Buenos Aires, Misiones), Paraguay. Type, ?.
- fuscicornis** Edwards, 1941a: 309. Type-locality: Brazil, Mato Grosso do Sul, Salobra. Brazil (Mato Grosso do Sul). Ref.: Amorim & Oliveira, 2013: 33 (type comments, species revalidation and labels data), fig. 81 (habitus). Holotype ♀, NHM.
- guaycurusi** Lane, 1950: 124, fig. 12 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Holotype ♂, MZUSP.
- halterata** (Kertész, 1902): 575 (*Neoglaphyoptera*). Type-locality: Peru, Vilcanota and Callanga. Distr.: Peru, Bolivia, Brazil (Rio de Janeiro, São Paulo, Goiás), Argentina (Misiones), Paraguay... Syntypes M, HNHM.
- incompleta** (Curran, 1928): 13, fig. 2 (wing) (*Boletina*). Type-locality: Puerto Rico, Adjuntas. Distr.: Puerto Rico, Argentina (Salta, Tucumán). Holotype ♀, AMNH.

- interrupta** (Kertész, 1901b): 495 (*Neoglaphyoptera*). Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♂, HNHM.
- junai** Lane, 1950: 128. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♀, MZUSP.
- leucocera** Edwards, 1933: 311. Type-locality: Bolivia, Mapiri, Sarampiuní, 700 m. Distr.: Peru, Bolivia. Ref.: Amorim & Oliveira, 2013: fig. 82 (habitus). Holotype ♂, MTD.
- malleolus** Freeman, 1954: 28, pl. 2, figs. e-f (♂ terminalia). Type-locality: Juan Fernandez Isl., Masatierra, Bahía Cumberland, Gruta de los Patriotas. Distr.: Chile (Juan Fernandez Isl.). Ref.: Amorim & Oliveira, 2013: 34 (comments on types and label data), fig. 83 (habitus). Holotype ♂, NHM.
- monoleuca** Edwards, 1933: 312. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro), Argentina (Misiones) .. Ref.: Amorim & Oliveira, 2013: 34 (comments on types and label data), fig. 84 (habitus). Holotype ♂, NHM.
- mutchleri** Curran, 1928: 14, fig. 3 (wing). Type-locality: Puerto Rico, Adjuntas. Distr.: Puerto Rico. Holotype ♂, AMNH.
- nigricauda** Edwards, 1933: 318. Type-locality: Bolivia, Mapiri, S. Carlos, 800 m. Distr.: Bolivia. Holotype ♂, MTD.
- nigrospleniata** (Lynch Arribáizaga, 1892): 411 (*Glaphyoptera*). Type-locality: Argentina, Buenos Aires, in Baradero et Las Conchas. Distr.: Argentina (Buenos Aires). Type, ?.
- nitens** (Williston, 1896): 259, pl. 8, fig. 13 (wing) (*Neoglaphyoptera*). Type-locality: St. Vincent, W.I. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 34 (type comments, lectotype designation and labels data), fig. 85 (habitus). Lectotype M, NHM.
- oblectabilis** (Loew, 1869): 146 (Cent. 9, nº 31) (*Glaphyoptera*). Type-locality: USA, “Middle States”. Distr.: USA (Wisconsin to Maine, south to Kansas and North Carolina), Costa Rica. Ref.: Fisher, 1939: 231 (distribution). Type, ?.
- oliveirai** Lane, 1959a: 188, fig. 4 (♂ terminalia). Type-locality: Brazil, Pará, Cachimbo. Distr.: Brazil (Pará, Amapá). Holotype ♂, MZUSP.
- paranensis** Edwards, 1933: 313. Type-locality: Brazil, Paraná, Rio Negro. Distr.: Brazil (Rio de Janeiro, São Paulo, Goiás, Paraná), Argentina (Misiones). Refs.: Lane, 1950: 122 (distribution), figs. 4-7 (♂ terminalia); Amorim & Oliveira, 2013: 35 (comments on types and label data), fig. 86 (habitus). Holotype ♂, NHM.
- paulensis** Edwards, 1933: 312. Type-locality: Brazil, São Paulo, São Paulo. Distr.: Brazil (São Paulo, Rio de Janeiro, Amapá), Panama. Refs.: Lane, 1950: 121 (distribution), figs 1-3 (♂ terminalia); Amorim & Oliveira, 2013: 35 (comments on types and label data), fig. 87 (habitus). Holotype ♂, NHM.
- pedifera** Edwards, 1933: 316. Type-locality: Venezuela, Ciudad Bolívar. Distr.: Venezuela. Ref.: Amorim & Oliveira, 2013: 35 (comments on types and label data), fig. 88 (habitus). Holotype ♂, NHM.
- picticornis** (Kertész, 1902): 578 (*Neoglaphyoptera*). Type-locality: Peru, Callanga. Distr.: Peru, Brazil (São Paulo, Amapá, Minas Gerais), Argentina (Misiones), Panama.. Holotype ♂, HNHM.
- plaumanni** Lane, 1959a: 189. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (Santa Catarina, São Paulo). Holotype ♀, MZUSP.
- poeciloptera** Philippi, 1865: 623. Type-locality: Chile, Valdivia. Distr.: Chile. Type, ?.
- punctata** Bellardi, 1862: 5, pl. 3, fig. 3 (whole insect). Type-locality: Mexico, Tuxpango, near Oribaza. Distr.: Mexico. Holotype ♂, UT.
- rufithorax** Freeman, 1951: 78, fig. 153 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Chile. Ref.: Amorim & Oliveira, 2013: 35 (comments on types and label data), fig. 89 (habitus). Holotype ♂, NHM.
- salobrensis** Edwards, 1941a: 310, fig. 4 (wing photo). Type-locality: Brazil, Mato Grosso do Sul, Salobra. Distr.: Brazil (Mato Grosso do Sul). Ref.: Amorim & Oliveira, 2013: 37 (comments on types and label data), fig. 90 (habitus). Holotype ♀, NHM.
- schmidti** Fisher, 1939: 230, pl. 13, fig. 4 (♂ terminalia). Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.
- schnusei** Edwards, 1933: 314. Type-locality: Bolivia, Mapiri, San Antonio, 1000 m. Distr.: Bolivia, Brazil (São Paulo).. Holotype ♂, MTD.
- setosicauda** Edwards, 1933: 316. Type-locality: Bolivia, Mapiri, San Antonio, 1000 m. Distr.: Bolivia. Holotype ♂, MTD.
- smithi** Edwards, 1933: 318. Type-locality: Mexico, Tabasco, Frontera. Distr.: Mexico (Tabasco), Costa Rica. Ref.: Amorim & Oliveira, 2013: 37 (comments on types and label data), fig. 91 (habitus). Holotype ♂, NHM.
- spinifera** Edwards, 1933: 316. Type-locality: Bolivia, Mapiri, San Carlos, 800 m. Distr.: Peru, Bolivia. Ref.: Amorim & Oliveira, 2013: fig. 92 (habitus). Holotype ♂, MTD.
- stonei** Lane, 1958b: 152. Type-locality: Bolivia, Mapiri, Sarampiuní, 700 m. Distr.: Bolivia. Ref.: Amorim & Oliveira, 2013: 37 (comments on types and label data), fig. 93 (habitus). Holotype ♂, MTD.
- incompleta* Edwards, 1933: 314 (preocc. Curran, 1928). Type-locality: Bolivia, Mapiri, Sarampiuní, 700 m.

Holotype ♂, MTD.

submaculipennis Freeman, 1954: 39 (*nom. nov.* for *L. maculipennis* Freeman). Type-locality: Chile, Valparaiso, Marga Marga. Distr.: Chile. Ref.: Amorim & Oliveira, 2013: 37 (comments on types and label data), fig. 94 (habitus).

Holotype ♂, NHM.

maculipennis Freeman 1851: 77, figs. 151-152 (♂ terminalia). 304 (wing). Type-locality: Chile, Valparaiso, Marga Marga. Holotype ♂, NHM.

tricinctiventris Enderlein, 1910a: 196. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Lane, 1950: 124 (possible synonym of *halterata*). Holotype ♀, PAN.

truncatovenosa Enderlein, 1910a: 199. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina), Argentina (Salta). Holotype ♂, PAN.

Genus **Leiella** Enderlein, 1910

Leiella Enderlein, 1910a: 200. Type-species, *ochreocalcar* Enderlein (orig. des.).

Metaleia Baxter, in Baxter & Poinar, 1994: 96. Type-species: *Metaleia maculicauda* Baxter (orig. des.). **n. syn.**

Ref.: Lane, 1954d (identification key).

Comments. In the Neotropical catalogue, Papavero (1978) refers to *Leiella bicolor* Fisher as if it were originally described in the genus *Leia* (Oliveira & Amorim, 2010c). Actually Fisher (1939) already described it in *Leiella*, that was confirmed subsequently by Lane (1954d).

arnaudi Lane, 1962b: 536, fig. 4 (♂ terminalia). Type-locality: Chile, Osorno, 10 km E of Puyehué. Distr.: Chile (Osorno), Argentina (Río Negro). Holotype ♂, CAS.

bicolor Fisher, 1939: 234. Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.

catharinensis Lane, 1954d: 451, fig. 2 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 38 (comments on types and label data), fig. 95 (habitus). Holotype ♂, NHM.

distincta Freeman, 1951: 79, fig. 303 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Magallanes). Refs.: Duret, 1977b: 358 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 38 (comments on types and label data), fig. 96 (habitus). Holotype ♂, NHM.

fulva Lane, 1954d: 452, fig. 3 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 38 (comments on types and label data), fig. 97 (habitus). Holotype ♂, NHM.

jarusi Lane, 1952a: 138. Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Holotype ♀, MZUSP.

†**maculicauda** Baxter, in Baxter & Poinar, 1994: 97, figs. 5 (leg), 6 (wing), 7 (♀ terminalia), 10 (whole specimen). Type-locality: Dominican Republic. Oligocene amber. Distr.: Dominican Republic. Holotype ♂, UCB.

ochreocalcar Enderlein, 1910a: 200, fig. 3 (wing). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, Amazonas), Argentina (Chaco, Salta, Tucumán). Holotype ♀, PAN.

shannoni Lane, 1954d: 453, fig. 4 (♂ terminalia). Type-locality: Panama, Sabanas. Distr.: Panama, Brazil (Goiás). Holotype ♂, USNM.

unicincta Edwards, 1933: 319. Type-locality: Peru, mouth of Río Pachitea, 150 m. Distr.: Peru (Pasco/Huanaco), Colombia (Meta, Vaupés). Refs.: Lane 1952a: 137, fig. 5 (♂ terminalia), 1954d: 450, fig. 1 (♂ terminalia); Oliveira & Amorim, in press (distribution). Holotype ♀, MTD.

zonalis Edwards, 1931: 259. Type-locality: Guyana, Berbice. Distr.: Argentina (Tucuman, Salta), Guyana (Berbice), Argentina (Santa Fé, Chaco), Colombia (Magdalena, Meta, Bolivar, Vaupés, Norte de Santander, Cauca, Chocó, Putumayo). Refs.: Lane, 1954d (distribution), 1958 (distribution); Oliveira & Amorim, in press (distribution); Amorim & Oliveira, 2013: 38 (comments on types and label data), fig. 98 (habitus). Holotype ♀, NHM.

Genus **Megophthalmidia** Dziedzicki, 1889

Megophthalmidia Dziedzicki, 1889: 404, 525 (as *Megophthalmidia*, pp. 526, 532). Type-species, *M. zugmayeriae* Dziedzicki (mon.) = *M. crassicornis* (Curtis).

bicolor Edwards, 1934: 363. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Brazil (Santa Catarina), Paraguay. Syntypes M, MNGW.

- divergens** Edwards, 1932: 141. Type-locality: Brazil, Santa Catarina, Bom Retiro. Distr.: Brazil (Santa Catarina), Argentina (Tucumán), Peru. Ref.: Amorim & Oliveira, 2013: 39 (comments on types and label data), fig. 99 (habitus). Holotype ♂, NHM.
- edwardsiana** Lane, 1954b: 106, fig. 1 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 39 (comments on types and label data), fig. 100 (habitus). Holotype ♂, NHM.
- equatoriana** Lane, 1962a: 11, fig. 2 (♂ terminalia). Type-locality: Ecuador, Pchinchá, 105 km S of Cayamba, 2470 m. Distr.: Ecuador. Holotype ♂, CAS.
- freemani** Lane, 1954b: 108, fig. 2 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 39 (comments on types and label data), fig. 101 (habitus). Holotype ♂, NHM.
- nigra** Freeman, 1951: 82, fig. 291 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 39 (comments on types and label data), fig. 102 (habitus). Holotype ♂, NHM.
- plaumanni** Lane, 1954b: 109. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Holotype ♂, NHM.

Genus **Paraleia** Tonnoir, 1929

- Paraleia** Tonnoir, 1929: 611. Type-species, *P. fulvescens* Tonnoir (orig. des.).
Selkirkius Enderlein, 1940: 670. Type-species, *S. nephrodops* Enderlein (orig. des.).
 Refs.: Freeman, 1954: 26 (synonym); Oliveira & Amorim 2012 (new species, identification key).
- antarctica** (Bigot, 1888): 12, pl. 3, fig. 1 (wing) (*Boletina*). Type-locality: “Cape Horn”. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Magallanes). Refs.: Freeman, 1951: 75, fig. 146 (♂ terminalia), 306 (wing) (generic placement); Duret, 1977b: 358 (distribution), 1984c: 40 (distribution). Syntypes MF, MNHN.
- bolivari** Oliveira & Amorim, 2012: 4, figs. 2 (thorax), 3-4 (wings), 13 (♂ terminalia), 14 (♀ terminalia), 15 (♀ terminalia). Type-locality: Colombia, Cundinamarca, Parque Nacional Natural Chingaza. Distr.: Colombia (Cundinamarca). Holotype ♂, IAvH.
- castanea** Freeman, 1951: 77, fig. 150 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego). Ref.: Amorim & Oliveira, 2013: 41 (comments on types and label data), fig. 104 (habitus). Holotype ♂, NHM.
- caudata** Edwards, 1933: 310. Type-locality: Bolivia, Yungasweg, 2500-4000 m. Distr.: Bolivia. Ref.: Amorim & Oliveira, 2013: 41 (comments on types and label data), fig. 105 (habitus). Syntypes M, MTD; F, NHM.
- cinerea** Freeman, 1951: 76, figs. 147 (♂ terminalia), 305 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Llanquihué, Magallanes). Refs.: Duret, 1977b: 358 (distribution); Amorim & Oliveira, 2013: 41 (comments on types and label data), fig. 106 (habitus). Holotype ♂, NHM.
- denticulata** Oliveira & Amorim, 2012: 12, figs. 7-8 (wings), 18 (♂ terminalia), 19 (♀ terminalia). Type-locality: Colombia, Cundinamarca, Parque Nacional Natural Sumapaz Bocatoma, Cerro El Zapato. Distr.: Colombia (Cundinamarca). Holotype ♂, IAvH.
- falcigera** Freeman, 1951: 76, fig. 148 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina. Ref.: Amorim & Oliveira, 2013: 41 (comments on types and label data), fig. 107 (habitus). Holotype ♂, NHM.
- fumosa** Oliveira & Amorim, 2012: 6, figs. 1 (habitus), 5-6 (wings), 16 (♂ terminalia), 17 (♀ terminalia). Type-locality: Ecuador, Pichincha, E. Papallacta (Quito/Baeza). Distr.: Colombia (Huilla), Ecuador (Pichincha). Holotype ♂, MZUSP.
- funerea** Freeman, 1951: 76, fig. 149 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 41 (comments on types and label data), fig. 108 (habitus). Holotype ♂, NHM.
- martinici** Duret, 1984c: 43, figs. 7-9 (♂ terminalia). Type-locality: Chile, Magallanes, Cabo de Hornos, Isla Deceit. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- nephrodops** (Enderlein, 1940): 671, figs. 41-42 (wing, ♂ terminalia) (*Selkirkius*). Type-locality: Juan Fernandez Isl., Masatierra. Distr.: Chile (Juan Fernandez Isl.). Refs.: Freeman, 1954: 28, pl. 2, figs. c and d (♂ terminalia), 305 (wing); Ref.: Amorim & Oliveira, 2013: fig. 109 (habitus). Holotype ♂, MTD.
- nidorosa** Oliveira & Amorim, 2012: 17, figs. 10 (wing), 21 (♀ terminalia). Type-locality: Colombia, Huilla, Parque Nacional Natural Cueva de los Guácharos. Distr.: Colombia (Huilla). Holotype ♀, IAvH.
- nubilipennis** (Walker, 1837): 334 (*Leia*). Type-locality: Straits of Magellan, Port Famine. Distr.: Argentina (Río Negro, Santa Cruz, Chubut, Tierra del Fuego), Chile (Osorno, Magallanes, Juan Fernandez Isl.). Refs.: Freeman, 1951: 75, figs. 145 (♂ terminalia), 305 (wing); Freeman, 1954: 26, pl. 2, figs. a-b (♂ terminalia); Duret, 1977b: 358 (distribution), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 42 (comments on types and label data), fig. 110

(habitus). Holotype ♂, NHM.

peruviana Edwards, 1933: 309. Type-locality: Peru, Mamara. Distr.: Peru, Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: fig. 111 (habitus). Holotype ♂, MTD.

sharkeyi Oliveira & Amorim, 2012: 19, figs. 11 (wing), 22 (♀ terminalia). Type-locality: Colombia, Cundinamarca, Parque Nacional Natural Chingaza, Alto de la Bandera. Distr.: Colombia (Cundinamarca). Holotype ♀, IAvH.

tonnoiri Oliveira & Amorim, 2012: 15, 7 (fig. 9, wing), 16 (fig. 20, ♂ terminalia). Type-locality: Colombia, Magdalena, Parque Nacional Natural Santa Marta, San Lorenzo. Distr.: Colombia (Magdalena). Holotype ♂, IAvH.

sp. Freeman, 1951: 77. Argentina, Río Negro, Puerto Blest. Distr.: Argentina. Ref.: Amorim & Oliveira, 2013: fig. 112 (habitus). F, NHM.

sp. Oliveira & Amorim, 2012: 19, figs. (wing), 23 (♀ terminalia). Colombia, Cundinamarca, Parque Nacional Natural Chingaza, Bosque Palacio. Distr.: Colombia (Cundinamarca, Boyacá, Huilla). F, IAvH/MZUSP.

Genus **Procycloneura** Edwards, 1932

Procycloneura Edwards, 1932: 140. Type-species, *P. paranensis* Edwards (mon.).

furcata Freeman, 1951: 80, fig. 154 (♂ terminalia), 307 (wing). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Tucumán, Río Negro). Ref.: Amorim & Oliveira, 2013: 42 (comments on types and label data), fig. 113 (habitus). Holotype ♂, NHM.

morosa Edwards, 1933: 320. Type-locality: Peru, Mamara. Distr.: Peru. Ref.: Amorim & Oliveira, 2013: 42, fig. 114 (habitus). Holotype ♂, MTD.

paranensis Edwards, 1932: 140. Type-locality: Brazil, Paraná, Río Negro. Distr.: Brazil (Paraná), Argentina (Misiones). Ref.: Amorim & Oliveira, 2013: 43 (type comments, lectotype designation and labels data), fig. 115 (habitus). Lectotype ♂, NHM.

similis Freeman, 1951: 81, fig. 155 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Llanquihué, Osorno, Magallanes). Refs.: Duret, 1984c: 40 (distribution); Amorim & Oliveira, 2013: 43 (comments on types and label data), fig. 116 (habitus). Holotype ♂, NHM.

Genus **Rondaniella** Johannsen, 1909

Rondaniella Johannsen, 1909: 66. Type-species, *Leia variegata* Winnertz (orig. des.) [= *dimidiata* Meigen]

dimidiata (Meigen, 1804): 91 (*Mycetophila*). Type-locality: Germany. Distr.: Palaearctic region (Europe to eastern part), Canada (British Columbia), USA (Wisconsin to Maine, south to Iowa and North Carolina), Mexico (Jalisco, as *abbreviata*). Ref.: Lane, 1962a: 11; Hutson, 1979: 145 (synonymy).

sororcula (Loew), 1869: 147 (Cent. 9, n° 32) (*Leia*). Type-locality: USA, New York. Type, ?.

abbreviata (Loew), 1869: 147 (Cent. 9, n° 33) (*Leia*). Type-locality: USA, "Middle States".

Genus **Thoracotropis** Freeman, 1951

Thoracotropis Freeman, 1951: 81. Type-species, *T. cypriformis* Freeman (orig. des.).

Ref.: Oliveira *et al.*, 2012 (type-species redescription).

cypriformis Freeman, 1951: 81, figs. 156 (♂ terminalia), 292 (wing). Type-locality: Chile, Chiloé, Ancud. Distr.: Chile (Chiloé). Ref.: Oliveira *et al.*, 2012: 459 (redescription), figs. 1 (habitus), 2-4 (head), 5 (thorax), 6 (wing), 7-10 (♂ terminalia); Amorim & Oliveira, 2013: 51 (comments on types and label data), fig. 139 (habitus, originally published in Oliveira *et al.*, 2012, fig. 1). Holotype ♂, NHM.

Subfamily **Manotinae** Edwards, 1925

Manotinae Edwards, 1925: 509, 544.

Manotidae Hendel, 1936: 1880, 1894.

Ref.: Tuomikoski, 1966b (new genera, comments, identification key).

Genus **Manota** Williston, 1896

- Manota** Williston, 1896: 260. Type-species, *M. defecta* Williston (mon.).
Aphanizophleps Enderlein, 1910a: 201. Type-species, *A. coxata* Enderlein (orig. des.).
 Refs.: Hipa *et al.*, 2004 (phylogeny); Jaschhof & Hipa, 2005 (identification key to Costa Rican species); Hipa & Huerta, 2009 (new species); Hipa & Kurina, 2013 (new species).
- acuminata** Jaschhof & Hipa, 2005: 36, fig. 18 (♂ terminalia). Type-locality: Costa Rica, Alajuela Prov., San Carlos, Volcán Arenal National Park, Sendero Pilón, 650 m. Distr.: Costa Rica (Alajuela, Limón, Puntarenas, Cartago), Ecuador. Ref.: Hipa & Kurina, 2013: 137 (distribution). Holotype ♂, INBio.
- acutistylus** Jaschhof & Hipa, 2005: 47, fig. 24 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Cerro Puma, 100-300 m. Distr.: Costa Rica (Puntarenas, Limón), Ecuador, French Guyana. Ref.: Hipa & Kurina, 2013: 137 (distribution). Holotype ♂, INBio.
- anfracta** Hipa & Kurina, 2013: 105, figs. 3A (antennal flagellomere), 3B-F (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- appendiculata** Hipa & Kurina, 2013: 107, figs. 4A (antennal flagellomere), 4B-E (♂ terminalia). Type-locality: French Guyana, Régina: Kaw Mountains, Point Road 40. Distr.: French Guyana, Ecuador (Nape). Holotype ♂, IZBE.
- arenalensis** Jaschhof & Hipa, 2005: 25, fig. 12 (♂ terminalia). Type-locality: Costa Rica, Alajuela Prov., San Carlos, Volcán Arenal National Park, Sendero Pilón, 650 m. Distr.: Costa Rica (Alajuela, Limón, Puntarenas, Cartago). Holotype ♂, INBio.
- aristata** Hipa & Kurina, 2013: 109, figs. 5A (antennal flagellomere), 5B-E (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- bihamata** Jaschhof & Hipa, 2005: 21, figs. 1C (wing), 10 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Buenos Aires, Potrero Grande, La Amistad International Park, Estación Altamira, Cerro Frantzius, 2134 m. Distr.: Costa Rica (Puntarenas, Cartago). Holotype ♂, INBio.
- bisulca** Hipa & Kurina, 2013: 111, figs. 6A (antennal flagellomere), 6B-E (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- caribica** Jaschhof & Hipa, 2005: 12, fig. 4 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 300 m. Distr.: Costa Rica (Limón). Holotype ♂, INBio.
- corcovado** Jaschhof & Hipa, 2005: 33, fig. 16 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, 600 m S Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas). Holotype ♂, INBio.
- costaricensis** Jaschhof & Hipa, 2005: 38, fig. 19 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, 600 m S Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas, Alajuela, Limón, Cartago). Holotype ♂, INBio.
- coxata** (Enderlein, 1910a): 203, fig. 4 (wing) (*Aphanizophleps*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Hipa & Kurina, 2013: fig. 2 (holotype habitus, slide and labels). Holotype ♂, PAN.
- defecta** Williston, 1896: 260, pl. VIII, fig. 14 (habitus). Type-locality: West Indies, St. Vincent, Windward. Distr.: St. Vincent. Refs.: Jaschhof & Hipa, 2005: 3 (redescription, lectotype designation), figs. 3A-B (♂ terminalia); Amorim & Oliveira, 2013: 71 (type comments and label data), fig. 203 (lectotype slide). Lectotype ♂, NHM.
- depilis** Hipa & Kurina, 2013: 113, figs. 7A (antennal flagellomere), 7B-E (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- diversiseta** Jaschhof & Hipa, 2005: 35, fig. 17 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 550 m. Distr.: Costa Rica (Limón), Ecuador, French Guyana. Ref.: Hipa & Kurina, 2013: 137 (distribution), figs. 1A (habitus), 1B (♂ terminalia). Holotype ♂, INBio.
- eximia** Jaschhof & Hipa, 2005: 27, fig. 13B (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., La Amistad International Park, Buenos Aires, Sendero a Casa Coca, 1700 m. Distr.: Costa Rica (Puntarenas, San José). Holotype ♂, INBio.
- fraterna** Jaschhof & Hipa, 2005: 40, fig. 20 (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., Tapantí-Macizo de la Muerte National Park, Sector la Represa, 1550 m. Distr.: Costa Rica (Cartago). Holotype ♂, INBio.
- hidalgoensis** Hipa & Huerta, 2009: 52, figs. 2A (flagellomere 4), B-D (♂ terminalia). Type-locality: Mexico, Hidalgo, Tlanchinol, 3 km carretera Tlanchinol-Apantlazol. Distr.: Mexico. Holotype ♂, CAIM.
- ibanezi** Hipa & Huerta, 2009: 55, figs. 3A (flagellomere 4), B-C (♂ terminalia). Type-locality: Mexico, Vera Cruz, Loc. Dos Amantes. Distr.: Mexico, Ecuador, French Guyana, Peru, U.S.A (Maine, New York). Refs.: Jaschhof *et al.*, 2011: 63 (distribution); Hipa & Kurina, 2013: 137 (distribution). Holotype ♂, CAIM.
- incisa** Jaschhof & Hipa, 2005: 22, fig. 13A (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., Tapantí-Macizo de la Muerte National Park, Sendero Arboles Caídos, 1500-1600 m. Distr.: Costa Rica (Cartago). Holotype ♂, INBio.
- inermis** Hipa & Kurina, 2013: 116, figs. 8A (antennal flagellomere), 8B-E (♂ terminalia). Type-locality: Ecuador, Cotopaxi,

- San Francisco de Las Pampas, Otonga Reserve. Distr.: Ecuador. Holotype ♂, NHM.
- inornata** Jaschhof & Hippa, 2005: 43, fig. 22 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 560 m. Distr.: Costa Rica (Limón, Puntarenas), French Guyana. Ref.: Hippa & Kurina, 2013: 137 (distribution). Holotype ♂, INBio.
- intermedia** Jaschhof & Hippa, 2005: 52, fig. 28 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 560 m. Distr.: Costa Rica (Limón, Cartago). Holotype ♂, INBio.
- iota** Hippa & Kurina, 2013: 116, figs. 9A (antennal flagellomere), 9B-E (♂ terminalia). Type-locality: French Guyana, Régina: Kaw Mountains, Point Road 40. Distr.: French Guyana, Ecuador (Nape). Holotype ♂, IZBE.
- limonensis** Jaschhof & Hippa, 2005: 45, fig. 23 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 560 m. Distr.: Costa Rica (Limón). Holotype ♂, INBio.
- major** Jaschhof & Hippa, 2005: 18, fig. 8 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Pococi, Braulio Carrillo National Park, Estación Quebrada Gonzalez, 400-500 m. Distr.: Costa Rica (Limón, Puntarenas, Alajuela). Holotype ♂, INBio.
- mexicapan** Hippa & Huerta, 2009: 57, figs. 1D (♀ terminalia), 4A-B (flagellomere 4), C-F (♂ terminalia). Type-locality: Mexico, Hidalgo, Tlanchinol, 3 km carretera Tlanchinol-Apantlazol. Distr.: Mexico. Holotype ♂, CAIM.
- micula** Hippa & Kurina, 2013: 118, figs. 10A (antennal flagellomere), 10B-D (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- montivaga** Jaschhof & Hippa, 2005: 29, fig. 14 (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., El Guarco, Rio Macho Forest Reserve, Estación Ojo de Agua, 2950-3000 m. Distr.: Costa Rica (Cartago, San José). Holotype ♂, INBio.
- multisetosa** Jaschhof & Hippa, 2005: 14, fig. 5 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, 600 m S Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas, Alajuela, Limón), Ecuador. Ref.: Hippa & Kurina, 2013: 137 (distribution). Holotype ♂, INBio.
- nubicola** Hippa & Huerta, 2009: 58, figs. 1A-B (wing), 1C (maxillary palpus), 5A (flagellomere 4), B-D (♂ terminalia). Type-locality: Mexico, Hidalgo, Tlanchinol, 3 km carretera Tlanchinol-Apantlazol. Distr.: Mexico. Holotype ♂, CAIM.
- palpalis** Lane, 1948b: 247, figs. 1 (palpus), 2 (antenna), 3 (wing), 4 (♂ terminalia). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás), Argentina (Misiones), Peru. Holotype ♂, MZUSP.
- panda** Hippa & Kurina, 2013: 120, figs. 11A-D (♂ terminalia). Type-locality: Argentina, Balneario San Juan, 10 km ENE of Oberá Misiones. Distr.: Argentina. Holotype ♂, KUM.
- papillosa** Hippa & Kurina, 2013: 122, figs. 12A-C (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- parva** Jaschhof & Hippa, 2005: 41, figs. 2A, 21 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Lepanto, Karen Mogensen Private Reserve, Sendero Quebrada Pérez, 315 m. Distr.: Costa Rica (Puntarenas, Alajuela, Limón, Cartago), Ecuador. Ref.: Hippa & Kurina, 2013: 138 (distribution). Holotype ♂, INBio.
- patula** Hippa & Kurina, 2013: 124, figs. 13A-D (♂ terminalia). Type-locality: French Guyana, Régina: Kaw Mountains, Point Road 40. Distr.: French Guyana, Ecuador (Nape). Holotype ♂, IZBE.
- paula** Hippa & Kurina, 2013: 126, figs. 14A-D (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- penicillata** Jaschhof & Hippa, 2005: 19, fig. 9 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas). Holotype ♂, INBio.
- pisinna** Hippa & Kurina, 2013: 129, figs. 15A-C (♂ terminalia). Type-locality: French Guyana, Régina: Kaw Mountains, Point Road 40. Distr.: French Guyana, Ecuador (Nape). Holotype ♂, IZBE.
- planistylus** Jaschhof & Hippa, 2005: 49, figs. 2B, 26 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, 600 m S Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas). Holotype ♂, INBio.
- quantilla** Hippa & Kurina, 2013: 129, figs. 16A (antennal flagellomere), 16B-D (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- quantula** Hippa & Kurina, 2013: 131, figs. 17A (antennal flagellomere), 17B-D (♂ terminalia). Type-locality: Ecuador, Nape Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Nape). Holotype ♂, SMNH.
- rara** Jaschhof & Hippa, 2005: 10, fig. 3C (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 560 m. Distr.: Costa Rica (Limón). Holotype ♂, INBio.
- rectolobata** Jaschhof & Hippa, 2005: 51, figs. 1B (wing), 1D and 27 (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., Tapantí-Macizo de la Muerte National Park, Sendero Arboles Caídos, 1500-1600 m. Distr.: Costa Rica (Cartago). Holotype ♂, INBio.
- rotundistylus** Jaschhof & Hippa, 2005: 48, fig. 25 (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., Finca los Lagos, Madreselva, 2600 m. Distr.: Costa Rica (Cartago), Ecuador. Ref.: Hippa & Kurina, 2013: 138 (distribution). Holotype ♂, INBio.

- senta** Hippa & Kurina, 2013: 133, figs. 18A (antennal flagellomere), 18B-E (♂ terminalia). Type-locality: Nicaragua, Metagalpa, Fuente Pura. Distr.: Nicaragua. Holotype ♂, IZBE.
- spinosa** Jaschhof & Hippa, 2005: 23, figs. 1A (antenna), 11 (♂ terminalia). Type-locality: Costa Rica, Puntarenas Prov., Corcovado National Park, 600 m S Cerro Rincón, 745 m. Distr.: Costa Rica (Puntarenas). Holotype ♂, INBio.
- squamulata** Jaschhof & Hippa, 2005: 16, fig. 7 (♂ terminalia). Type-locality: Costa Rica, Limón Prov., Hitoy Cerere Biological Reserve, Sendero Espavel, 100-550 m. Distr.: Costa Rica (Limón, Puntarenas), Ecuador. Ref.: Hippa & Kurina, 2013: 138 (distribution). Holotype ♂, INBio.
- tapantiensis** Jaschhof & Hippa, 2005: 15, fig. 6 (♂ terminalia). Type-locality: Costa Rica, Cartago Prov., Tapantí-Macizo de la Muerte National Park, Sector la Represa, 1550 m. Distr.: Costa Rica (Cartago). Holotype ♂, INBio.
- vexillifera** Jaschhof & Hippa, 2005: 31, fig. 15 (♂ terminalia). Type-locality: Costa Rica, Alajuela Prov., San Carlos, Volcán Arenal National Park, Sendero Pilón, 650 m. Distr.: Costa Rica (Alajuela, Limón, Cartago). Holotype ♂, INBio.
- virgata** Hippa & Kurina, 2013: 135, figs. 19A (antennal flagellomere), 19B-D (♂ terminalia). Type-locality: Ecuador, Napo Prov., Yasuni National Park, Yasuni Reserve Station. Distr.: Ecuador (Napo). Holotype ♂, SMNH.

Subfamily **Mycetophilinae** Newman, 1834

Mycetophilites Newman, 1834: 379, 386.

Ref.: Edwards, 1925 (classification); Rindal, 2006 (phylogeny); Rindal & Søli, 2006 (phylogeny); Rindal *et al.*, 2009a (phylogeny).

Tribe **Exechiini** Edwards, 1925

Exechini Edwards, 1925: 585.

Exechiini Enderlein, 1936: 15 [spelling correction].

Exechiinae Hendel, 1936: 1895.

Ref.: Rindal *et al.*, 2007 (phylogeny).

Genus **Boraceomyia** Lane, 1948

Boraceomyia Lane, 1948a: 231. Type-species, *B. edwardsi* Lane (orig. des.) = *B. goianiensis* (Lane).

Exechia, authors, not Winnertz

Refs.: Lane, 1956b: 147 (synonymy with *Exechia*); Papavero, 1978 (new combination).

acariensis (Lane, 1951a): 251, fig. 4 (♂ terminalia) (*Exechia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

aitkeni (Lane, 1960a): 384, fig. 9 (♂ terminalia) (*Exechia*). Type-locality: Trinidad, Chaguaramas. Distr.: Trinidad. Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

borgmeieri (Lane, 1951a): 252, fig. 14 (♂ terminalia) (*Exechia*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

borinquensis (Lane, 1951a): 254, fig. 15 (♂ terminalia) (*Exechia*). Type-locality: Costa Rica, San José. Distr.: Costa Rica. Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, USNM.

cajuensis (Lane, 1951a): 252, fig. 5 (♂ terminalia) (*Eyechia*, misspelling). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

embuensis (Lane, 1956b): 148, fig. 1 (♂ terminalia). (*Exechia*). Type-locality: Brazil, São Paulo, Embu. Distr.: Brazil (São Paulo). Ref.: Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

goianensis (Lane, 1947a): 356, figs. 5 (♂ terminalia), 13 (wing) (*Exechia*). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás, São Paulo), Argentina (Salta), Peru, Panama, Trinidad. Refs.: Lane, 1956b: 147 (synonymy); Papavero, 1978: 2 (new combination). Holotype ♂, MZUSP.

edwardsi Lane, 1948a: 232. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Holotype ♀, MZUSP.

paulistensis (Lane, 1947a): 357, fig. 10 (wing) (*Exechia*). Type-locality: Brazil, São Paulo, São Paulo (Cantareira). Distr.: Brazil (São Paulo). Refs.: Lane, 1951a: 250, fig. 3 (♂ terminalia); Papavero, 1978: 3 (new combination). Holotype ♀, MZUSP.

Genus **Brevicornu** Marshall, 1896

Brevicornu Marshall, 1896: 306. Type-species, *B. flavum* Marshall (Tuomikoski, 1966a: 184).

Allodia, authors, not Winnertz

Ref.: Papavero, 1978 (new combinations). In Amorim & Oliveira (2013) the genus was mistakenly included in the Mycetophilini.

araucaniense (Lane, 1962b): 539, fig. 6 (♂ terminalia) (*Allodia*). Type-locality: Chile, Ñuble, 40 km E of San Carlos. Distr.: Chile (Ñuble, Bío Bío). Ref.: Papavero, 1978: 3 (new combination) Holotype ♂, CAS.

argentinese (Lane, 1958b): 162, fig. 17 (♂ terminalia) (*Allodia*). Type-locality: Argentina, Tucumán, Tafi del Valle. Distr.: Argentina (Tucumán), Falkland Islands. Ref.: Papavero, 1978: 4 (new combination) Holotype ♂, IML.

callidum (Johannsen, 1912): 319 (*Allodia*). Type-locality: USA, Washington. Distr.: USA (Washington, Wyoming), Costa Rica. Refs.: Fisher, 1939: 235 (distribution); Papavero, 1978: 4 (new combination) Type, USNM.

Comments. Papavero (1978) proposed a new combination for this species in *Brevicornu*, certainly based on Tuomikoski's (1966) study of the Exechiini and his specific reference to *Allodia callida*. This information has been probably overlooked in some of the online databases, in which this species is still treated within the genus *Allodia*. In fact, the conspecificity of the material from Costa Rica with the holotype, from Washington, USA, may be questionable.

complexum (Lane, 1948a): 234, fig. 1 (♂ terminalia) (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Argentina (Santa Cruz, Corrientes, Misiones). Ref.: Lane, 1956b: 150, fig. 2 (♂ terminalia); Papavero, 1978: 4 (new combination). Holotype ♂, MZUSP.

eruliense (Lane, 1956b): 151, fig. 3 (♂ terminalia) (*Allodia*). Type-locality: Brazil, Rio de Janeiro, Itatiaia. Distr.: Brazil (Rio de Janeiro). Ref.: Papavero, 1978: 4 (new combination). Holotype ♂, MZUSP.

humile (Lane, 1948a): 233 (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Lane, 1956b: 152, fig. 4 (♂ terminalia); Papavero, 1978: 4 (new combination). Holotype ♀, MZUSP.

simile (Freeman, 1951): 92, fig. 177 (♂ terminalia) (*Allodia*). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Santa Cruz), Chile (Llanquihué, Ñuble, Magallanes). Refs.: Duret, 1977b: 358 (distribution); Amorim & Oliveira, 2013: 75 (comments on types and label data). Holotype ♂, NHM.

Genus **Exechiopsis** Tuomikoski, 1966

Exechiopsis Tuomikoski, 1966a: 177. Type-species, *Exechia subulata* Winnertz (orig. des.).

Exechiopsis (Exechiopsis) Tuomikoski

Exechiopsis Tuomikoski, 1966a: 177. Type-species, *Exechia subulata* Winnertz (orig. des.).

furiosa Plassmann, 1984: 48, figs. 11-12 (♂ terminalia). Type-locality: Brazil, Pará, Tucuruí. Distr.: Brazil (Pará). Holotype ♂, ZSM.

Exechiopsis (Xenexechia) Tuomikoski

Exechiopsis, subgen. **Xenexechia** Tuomikoski, 1966a: 179. Type-species, *Exechia perspicua* Johannsen (orig. des.).

bifida (Freeman, 1951): 90, fig. 172 (♂ terminalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Llanquihué). Refs.: Papavero, 1978: 3 (new combination); Amorim & Oliveira, 2013: 73 (comments on types and label data), fig. 204 (habitus). . Holotype ♂, NHM.

brevifurcata (Freeman, 1951): 90, figs. 174 (♂ terminalia), 293 (wing) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Llanquihué, Valparaíso, Magallanes). Refs.: Duret, 1977b: 358 (distribution); Papavero, 1978: 3 (new combination); Amorim & Oliveira, 2013: 73 (comments on types and label data), fig. 205 (habitus). Holotype ♂, NHM.

extensa (Freeman, 1951): 90, fig. 171 (♂ terminalia) (*Exechia*). Type-locality: Chile, Llanquihué, Casa Pangue. Distr.: Chile (Llanquihué). Refs.: Papavero, 1978: 3 (new combination); Amorim & Oliveira, 2013: 73 (comments on types and label data), fig. 206 (habitus). Holotype ♂, NHM.

funerea (Freeman, 1951): 91, fig. 175 (♂ terminalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Correntoso.

Distr.: Argentina (Río Negro), Chile (Magallanes, Llanquihué, Ñuble). Refs.: Papavero, 1978: 3 (new combination); Duret, 1984c: 40 (distribution); Amorim & Oliveira, 2013: 73 (comments on types and label data), fig. 207 (habitus). Holotype ♂, NHM.

furcilla (Freeman, 1954): 29, fig. 1 (♂ terminalia) (*Exechia*). Type-locality: Juan Fernandez Isl., Masafuera Isl., Masafuera, Quebrada de las Casas. Distr.: Chile (Juan Fernandez Isl. (Masafuera, Masatierra)). Refs.: Papavero, 1978: 3 (new combination); Amorim & Oliveira, 2013: 74 (comments on types and label data), fig. 208 (habitus). Holotype ♂, UC.

setigera (Freeman, 1951): 89, fig. 170 (♂ terminalia) (*Exechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro). Refs.: Papavero, 1978: 3 (new combination); Amorim & Oliveira, 2013: 74 (comments on types and label data), fig. 209 (habitus). Holotype ♂, NHM.

truncata (Freeman, 1951): 90, fig. 173 (♂ terminalia) (*Exechia*). Type-locality: Chile, Llanquihué, Casa Pangue. Distr.: Chile (Llanquihué). Ref.: Papavero, 1978: 3 (new combination). Holotype ♂, NHM.

Genus **Neallodia** Edwards, 1932

Neallodia Edwards, 1932: 146. Type-species, *N. flavida* Edwards (mon.).
Neoallodia, error.

brevicornis (Enderlein, 1910a): 204 (*Allodia*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, São Paulo, Mato Grosso do Sul, Amapá, Minas Gerais), Argentina (Salta), Paraguay, Trinidad. Refs.: Edwards, 1941a: 311 (new combination); Lane, 1958b: 154 (as a *Cordyla* species); Tuomikoski, 1966a: 192 (as a *Neoallodia* [*sic*] species); Amorim & Oliveira, 2013: 74, fig. 210 (habitus). Holotype ♀, PAN.

flavida Edwards, 1932: 146. Type-locality: Brazil, Rio de Janeiro, Petrópolis. Distr.: Brazil (Rio de Janeiro, São Paulo). Refs.: Lane, 1958b: 154 (as a junior synonym of *N. brevicornis* (Enderlein), in the genus *Cordyla*); Tuomikoski, 1966a: 192 (as a *Neoallodia* [*sic*] species); Amorim & Oliveira, 2013: 74 (type comments, revalidation and labels data), fig. 211 (habitus). Holotype ♀, NHM.

brasiliana Lane, 1947b: 448, figs. 1 (wing), 2 (♂ terminalia) (*Trichonta*). Type-locality: Brazil, São Paulo, São Paulo (Ipiranga). Refs.: Lane, 1958b: 154 (as a junior synonym of *N. brevicornis* (Enderlein), in the genus *Cordyla*); Tuomikoski, 1966a: 192 (as a *Neoallodia* [*sic*] species); Holotype ♀, MZUSP.

Genus **Rymosia** Winnertz, 1863

Rymosia Winnertz, 1863: 810. Type-species, *Mycetophila discoidea* Meigen (Johannsen, 1909: 102) = *Rymosia fasciata* (Meigen).

Rymosia, emend.

airosai Lane, 1947a: 358 (*Rymosia*). Type-locality: Brazil, Amazonas, Maués. Distr.: Brazil (Amazonas, Amapá, Pará, Rio de Janeiro), Panama. Ref.: Lane, 1958a: 213, fig. 7 (♂ terminalia). Holotype ♂, MZUSP.

damascenoi Lane, 1958a: 214, fig. 8 (♂ terminalia) (*Rymosia*). Type-locality: Brazil, Pará, Rio Tapajós, Fordlândia. Distr.: Brazil (Amazonas, Pará). Holotype ♀, MZUSP.

paraensis Lane, 1958a: 215 (*Rymosia*). Type-locality: Brazil, Pará, Rio Tapajós, Fordlândia. Distr.: Brazil (Pará). Holotype ♀, MZUSP.

pilosa Edwards, 1931: 259 (*Rymosia*). Type-locality: Peru, Lima, Verrugas. Distr.: Peru. Ref.: Amorim & Oliveira, 2013: 75 (comments on types and label data), fig. 212 (habitus). Holotype ♀, NHM.

worontzowi Lane, 1947a: 359 (*Rymosia*). Type-locality: Brazil, Amazonas, Maués. Distr.: Brazil (Amazonas). Holotype ♀, MZUSP.

Genus **Synplasta** Skuse, 1890

Synplasta Skuse, 1890: 629. Type-species, *S. annuliventris* Skuse (orig. des.).

cinerea (Freeman, 1951): 91, fig. 176 (♂ terminalia) (*Rymosia*). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Ñuble, Llanquihué). Refs.: Tuomikoski, 1966a: 172 (as *Allodiopsis* (*Gymnogonia*)); Amorim & Oliveira, 2013: 75 (comments on types and label data), fig. 213 (habitus). Holotype ♂, NHM.

Unplaced species of Exechiini

- boracensis** Lane, 1962a : 14, fig. 3 (♂ terminalia) (*Allodia*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- gracile** Kertész, 1901a : 403, pl. 20, fig. 1 (wing) (*Dynatosoma*). Type-locality: Peru, Callanga. Distr.: Peru. Holotype ♀, HHNM.

Tribe **Mycetophilini** Edwards, 1925

Mycetophilini Edwards, 1925: 586.

Genus **Epicypa** Winnertz, 1863

- Epicypa** Winnertz, 1863: 909. Type-species, *Mycetophila scatophora* Perris (Johannsen, 1909: 110).
Delopsis Skuse, 1890: 623. Type-species, *D. flavipennis* Skuse (mon.).
Plastacephala Enderlein, 1910a: 175. Type-species, *P. planiventris* Enderlein (orig. des.).

Epicypa (Boscmia) Lane

Epicypa, subgen. **Boscmia** Lane, 1954c: 115. Type-species, *E. languasi* Lane (orig. des.).

- arapascoi** Lane, 1954c: 117, fig. 1 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 77 (comments on types and label data), fig. 214 (habitus). Holotype ♂, NHM.
- barai** Lane, 1954c: 119, fig. 2 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 77 (comments on types and label data), fig. 215 (habitus). Holotype ♂, NHM.
- boscii** (Lane, 1948a): 266, figs. 17, 33, 53 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Costa Rica. Holotype ♂, MZUSP.
- forattinii** Lane, 1960b: 482, fig. 1 (♂ terminalia). Type-locality: Brazil, Mato Grosso do Sul, Bataguassu, Rio Três Barras. Distr.: Brazil (Mato Grosso do Sul). Holotype ♂, MZUSP.
- iumensis** Lane, 1954c: 120, fig. 3 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, Amapá). Ref.: Amorim & Oliveira, 2013: 77 (comments on types and label data), fig. 216 (habitus). Holotype ♂, NHM.
- languasi** Lane, 1954c: 121, fig. 4 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Misiones). Ref.: Amorim & Oliveira, 2013: 77 (comments on types and label data), fig. 217 (habitus). Holotype ♂, NHM.
- miltoni** (Lane, 1948a): 270 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina), Costa Rica. Ref.: Lane, 1954c: 123, fig. 5 (♂ terminalia). Holotype ♀, MZUSP.
- nauesensis** Lane, 1954c: 124, fig. 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 78 (comments on types and label data), fig. 218 (habitus). Holotype ♂, NHM.
mauesensis, Papavero, 1978: 5 (misspelling).
- opaiei** Lane, 1954c: 125, fig. 7 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 78 (comments on types and label data), fig. 219 (habitus). Holotype ♂, NHM.
- tristis** (Lane, 1948a): 271 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Amapá). Ref.: Lane, 1954c: 126, fig. 8 (♂ terminalia). Holotype ♀, MZUSP.
lugubris Lane, 1948a: 272 (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref.: Lane, 1954c: 126 (synonymy). Holotype ♀, MZUSP.
- williamsi** Lane, 1960b: 484, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, São Miguel Arcanjo (Turvo dos Hilários). Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Epicypa (Callicypa) Lane

Epicypa, subgen. **Callicypa** Lane, 1954c: 127. Type-species, *Delopsis lunata* Lane (orig. des.).

- amapaensis** Lane, 1961a: 254, fig. 7 (wing). Type-locality: Brazil, Amapá, Rio Felício. Distr.: Brazil (Amapá). Holotype ♀, MZUSP.
- anambesi** Lane, 1960b: 485, fig. 3 (♂ terminalia). Type-locality: Brazil, Mato Grosso do Sul, Bataguassu, Rio Caraguatá. Distr.: Brazil (Mato Grosso do Sul). Holotype ♂, MZUSP.
- baicarisi** Lane, 1954c: 129, fig. 9 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 78 (comments on types and label data), fig. 220 (habitus). Holotype ♂, NHM.
- bicellii** Lane, 1961a: 255, fig. 6 (♂ terminalia). Type-locality: Brazil, Amapá, Serra do Navio. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- chiriguanai** Lane, 1954c: 130, fig. 10 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 79 (comments on types and label data), fig. 221 (habitus). Holotype ♂, NHM.
- coheri** Lane, 1954c: 132, fig. 11 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- couasi** Lane, 1954c: 133, fig. 12 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- inornata** Lane, 1948a: 237, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina), Argentina (Tucumán, Salta). Holotype ♂, MZUSP.
- iranchesi** Lane, 1960b: 485, fig. 4 (♂ terminalia). Type-locality: Trinidad, Navy Base. Distr.: Trinidad. Holotype ♂, MZUSP.
- johannseni** (Lane, 1947a): 354 (*Delopsis*). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- taunayi* Lane, 1948a: 249, figs. 9, 47 (♂ terminalia) (*Mycetophila*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Ref.: Lane, 1954c: 134 (synonymy). Holotype ♂, MZUSP.
- kuicurusi** Lane, 1954c: 135, fig. 13 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, Amapá). Ref.: Amorim & Oliveira, 2013: 79 (comments on types and label data), fig. 222 (habitus). Holotype ♂, NHM.
- lunata** (Lane, 1948a): 267, figs. 21, 55 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- macunai** Lane, 1954c: 136, fig. 14 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- ornata** (Lane, 1948a): 265, figs. 16, 51 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- paulistensis** Lane, 1948a: 236, fig. 6 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Costa Rica, Trinidad. Holotype ♂, MZUSP.
- punctulata** (Lane, 1947a): 355 (*Delopsis*). Type-locality: Brazil, Mato Grosso do Sul, Maracaju. Distr.: Brazil (Mato Grosso do Sul). Holotype ♀, MZUSP.
- rabelloi** (Lane, 1948a): 275, figs. 23, 58 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Ref.: Lane, 1954c: 137 (wing morphology, distribution). Holotype ♂, MZUSP.
- siusisi** Lane, 1954c: 137, fig. 15 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 80 (comments on types and label data), fig. 223 (habitus). Holotype ♂, NHM.
- tacanhapesi** Lane, 1960b: 486, fig. 5 (♂ terminalia). Type-locality: Trinidad, Navy Base. Distr.: Trinidad, Brazil (Amapá). Holotype ♂, MZUSP.
- trinidadensis** Lane, 1960b: 487, fig. 6 (♂ terminalia). Type-locality: Trinidad, Sangre Grande, Mandillán Road. Distr.: Trinidad. Holotype ♂, MZUSP.

Epicypa (Epicypa) Winnertz

Epicypa, subgen. **Epicypa** Winnertz, 1863: 909. Type-species, *Mycetophila scatophora* Perris (SD) (Johannsen, 1909: 110).

- aczei** Lane, 1958b: 154, fig. 5 (♂ terminalia). Type-locality: Argentina, Salta, Embarcación. Distr.: Brazil (Goiás, São Paulo), Argentina (Corrientes, Salta, Chaco, Tucumán), Trinidad. Holotype ♂, IML.
- aguarensis** Lane, 1951b: 329, fig. 1 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 80 (comments on types and label data), fig. 224 (habitus). Holotype ♂, NHM.
- bapianensis** Lane, 1951b: 332, fig. 4 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 80 (comments on types and label data), fig. 225 (habitus). Holotype ♂, NHM.
- brasiliana** (Edwards, 1932): 147 (*Delopsis*). Type-locality: Brazil, São Paulo, Rio Claro. Distr.: Brazil (Goiás, Rio de Janeiro, São Paulo, Santa Catarina), Argentina (Salta), Trinidad. Refs.: Lane, 1947b: 454, fig. 4 (♂ terminalia) (redescription, as *Delopsis*), 1951b: 338, fig. 10 (♂ terminalia) (redescription, new combination); Amorim & Oliveira, 2013: 81 (comments on types and label data), fig. 226 (habitus). Holotype ♀, NHM.
- brasiliensis** (Enderlein, 1910a): 171 (*Mycetophila*). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Salta), Panama. Ref.: Lane, 1947b: 455, fig. 5 (♂ terminalia) (redescription, as *Delopsis*), 1951b: 340, fig. 12 (♂ terminalia) (new combination). Holotype ♂, PAN.
- curipiensis** Lane, 1961a: 253, fig. 5 (♂ terminalia). Type-locality: Brazil, Amapá, Rio Felício. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- duanasi** Lane, 1951b: 337, fig. 9 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina) Argentina (Salta), Panama. Ref.: Amorim & Oliveira, 2013: 81 (comments on types and label data), fig. 227 (habitus). Holotype ♂, NHM.
- flaviceps** (Enderlein, 1910a): 178 (*Plastacephala*) (as var. of *P. planiventris* Enderlein). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes F, PAN.
- goianensis** (Lane, 1947b): 456 (*Delopsis*). Type-locality: Brazil, Goiás, Corumbá de Goiás. Distr.: Brazil (Goiás), Argentina (Misiones), Panama. Holotype ♀, MZUSP.
- guanensis** Lane, 1951b: 338, fig. 11 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo, Amapá), Argentina (Tucumán), Costa Rica. Ref.: Amorim & Oliveira, 2013: 81 (comments on types and label data), fig. 228 (habitus). Holotype ♂, NHM.
- guarani** Lane, 1951b: 331, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- iaunensis** Lane, 1951b: 333, fig. 5 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo), Panama. Ref.: Amorim & Oliveira, 2013: 83 (comments on types and label data), fig. 229 (habitus). Holotype ♂, NHM.
- jaruensis** Lane, 1951b: 334, fig. 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 83 (comments on types and label data), fig. 230 (habitus). Holotype ♂, NHM.
- luederwaldti** (Enderlein, 1910a): 170 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Lane, 1951b: 340 (new combination). Holotype ♀, PAN.
- maculipennis** (Enderlein, 1910a): 178 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina, São Paulo), Argentina (Salta). Ref.: Lane, 1948a: 277, figs. 24, 38, 61 (♂ terminalia). Syntypes F, PAN.
- maupiensis** Lane, 1951b: 340. Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 83 (comments on types and label data), fig. 231 (habitus). Holotype ♀, NHM.
- nigrohalterata** (Enderlein, 1910a): 179 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Lane, 1951b: 329, fig. 2 (♂ terminalia) (redescription, new combination). Syntype F, PAN.
- oedipus** Edwards, 1934: 365. Type-locality: Paraguay, La Cordillera, San Bernardino. Distr.: Brazil (São Paulo, Santa Catarina), Paraguay, Panama. Holotype ♀, MNGW.
- peruana** Lane, 1962a: 14, fig. 4 (♂ terminalia). Type-locality: Peru, Tingo Maria, Monson Valley. Distr.: Peru. Holotype ♂, CAS.
- planiventris** (Enderlein, 1910a): 176 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina), Argentina (Misiones), Costa Rica. Ref.: Fisher, 1939: 236, figs. 7-8 (♂ terminalia). Lane, 1951b: 336, fig. 7 (♂ terminalia) (redescription, new combination). Syntypes MF, PAN.
- schildi** Lane, 1956b: 156, fig. 7 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, USNM.
- tacuensis** Lane, 1951b: 336, fig. 8 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 83 (comments on types and label data), fig. 232 (habitus). Holotype ♂, NHM.

Unplaced species of *Epicrypta*

- ancyliformans** (Holmgren, 1907): 1-7 (*Mycetophila*). Type-locality: Peru. Distr.: Peru. Type lost.
ancyliformans, error: Papavero, 1978: 8.
- capitata** (Enderlein, 1910a): 180 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes F, PAN.
- dolosa** (Williston, 1896): 264 (*Mycetophila*). Type-locality: St. Vincent, W.I. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 84 (type comments, lectotype designation and labels data), fig. 234 (habitus). Lectotype ♂, NHM.
- helvopicta** Chandler, 1981: 209, figs. 14 (♀ terminalia), 16-17 (♂ terminalia). Type-locality: USA, Missouri, Lincoln Co., Cuivre River State Park. Distr.: USA (Missouri, Iowa, Indiana, Tennessee, N. & S. Carolina), Mexico (Vera Cruz). Holotype ♂, ISUM.
- insipiens** (Williston, 1896): 264, pl. 8, fig. 19 (wing) (*Mycetophila*). Type-locality: St. Vincent, W.I. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 83 (type comments, lectotype designation and labels data), fig. 233 (habitus). Lectotype ♀, NHM.
- Comments.** *Mycetophila insipiens* Williston and *M. ornatidorsum* Enderlein were included in Papavero's (1978) catalogue for the Neotropical Mycetophilidae in the genus *Epicrypta*. It was not proposed to be a new combination in the catalogue, but we were not able to trace any source mentioning these species as belonging to *Epicrypta*. We examined the types of both species and they actually belong to *Epicrypta*. We keep here the combination proposed in Papavero (1978) and we do not refer to it as a combination proposed in this catalogue.
- longicalcar** (Enderlein, 1910a): 179 (*Plastacephala*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes MF, PAN.
- ornatidorsum** (Enderlein, 1910a): 173 (*Mycetophila*). Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Syntypes MF, PAN.

Genus ***Mycetophila*** Meigen, 1803

- Fungivora* Meigen, 1800: 16. Type-species, *Tipula agarici* Villers (as Olivier, Coquillett, 1910: 545). Suppressed ICZN, 1963: 339.
- Mycetophila*** Meigen, 1803: 263. Type-species, *Tipula agarici* Villers (Johannsen, 1909: 116).
Refs.: Duret, 1981b, 1985, 1987a, and 1989a (partial identification key).
- Comments.** The genus *Mycetophila* has a huge number of species and has been subdivided into smaller units—in the case of Neotropical species, subgenera. As commented for other genera above, the subdivision of *Mycetophila* is desirable, but at this stage not all described Neotropical species have been assigned to the subgenera described by Lane (1955). The subgeneric position of some of the species described by J.P. Duret are tentative, based on the similarities he assumed for the species described in relation to species previously described and placed within a subgenus. The monophyly of the subgenera is not clear and actually the classification of the species of the genus *Mycetophila* worldwide needs revision.

Mycetophila (Abmyceta) Lane

- Mycetophila*, subgen. **Abmyceta** Lane, 1955: 400. Type-species, *Mycetophila galibisi* Lane (orig. des.).
- acarisi** Lane, 1958b : 157, figs. 8 (wing), 9 (♂ terminalia). Type-locality: Argentina, Tucumán, Tañi del Valle. Distr.: Argentina (Tucumán). Holotype ♂, IML.
- aguilaensis** Duret, 1983: 113, figs. 1-3 (♂ terminalia). Type-locality: Chile, Malleco, Nahuelbuta, 1300 m. Distr.: Chile. Holotype ♂, MNHN.
- andinensis** Duret, 1989b: 225, figs. 73-75 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- anhangaensis** Lane, 1961a: 251, fig. 3 (♂ terminalia). Type-locality: Brazil, Amapá, Rio Felício. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- arauasi** Lane, 1958c: 400, fig. 3 (♂ terminalia). Type-locality: Trinidad, Navy Base. Distr.: Trinidad. Holotype ♂, MZUSP.
- araucanensis** Duret, 1984b: 154, figs. 38-40 (♂ terminalia). Type-locality: Chile, Osorno, Puyehué, Aguas Calientes, 1300 m. Distr.: Chile (Osorno, Ñuble). Holotype ♂, MNHN.
- argentina** Lane, 1958b: 157, figs. 10 (wing), 11 (♂ terminalia). Type-locality: Argentina, Santa Cruz, Lago Argentino.

- Distr.: Argentina (Santa Cruz, Tierra del Fuego), Chile (Ñuble, Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 43 (distribution), figs. 3-4 (♂ terminalia). Holotype ♂, IML.
- axeli** Duret, 1984b: 156, figs. 47-49 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Isla de Los Estados. Distr.: Argentina (Neuquén), Chile (Malleco, Ñuble, Magallanes). Refs.: Duret, 1985: 196 (distribution), 1984c: 40 (distribution). Holotype ♂, MNHN.
- barrettoii** (Lane, 1947b): 453 (*Delopsis*). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (São Paulo), Trinidad. Ref.: Lane, 1958c: 400, fig. 4 (♂ terminalia). Holotype ♀, MZUSP.
- borgmeieri** Edwards, 1932: 149. Type-locality: Brazil, Paraná, Rio Negro. Distr.: Brazil (São Paulo, Paraná, Amapá), Argentina (Catamarca, Tucumán). Ref.: Lane, 1948a : 258, fig. 22 (♂ terminalia); Amorim & Oliveira, 2013: 84 (type comments, lectotype designation and labels data), fig. 235 (habitus). Lectotype ♂, NHM.
- bridgesi** Lane, 1963: 13, fig. 3 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Lago Fagnano. Distr.: Argentina (Tierra del Fuego), Chile (Magallanes). Refs.: Duret, 1980c: 45 (distribution), figs. 17-19 (♂ terminalia), 1984c: 40 (distribution). Holotype ♂, MZUSP.
- canicula** Freeman, 1951: 127, fig. 258 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Santa Cruz, Neuquén), Chile (Bío Bío, Magallanes). Refs.: Duret, 1977b: 359 (distribution), Duret, 1980c: 45 (distribution), fig. 21 (♂ terminalia); Amorim & Oliveira, 2013: 85 (comments on types and label data), fig. 236 (habitus). Holotype ♂, NHM.
- caribai** Lane, 1955: 402, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- caripunai** Lane, 1955: 403, fig. 8 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 85 (comments on types and label data), fig. 237 (habitus). Holotype ♂, NHM.
- carrerae** Lane, 1958c: 401, fig. 5 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- cayuensis** Lane, 1955: 404, fig. 9 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- chilenensis** Duret, 1984b: 153, figs. 35-37 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué, Aguas Calientes. Distr.: Chile (Osorno, Magallanes). Ref.: Duret, 1984c: 40 (distribution). Holotype ♂, MNHN.
- chinguensis** Duret, 1984b: 156, figs. 44-46 (♂ terminalia). Type-locality: Chile, Llanquihué, N. Correntoso, El Chingue. Distr.: Chile (Llanquihué). Holotype ♂, MNHN.
- clarovittata** Freeman, 1951: 102, figs. 193 (♂ terminalia), 194 (♀ terminalia), 312 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Bío Bío, Ñuble, Llanquihué, Magallanes, Coquimbo, Chiloé). Refs.: Duret, 1977b: 359 (distribution), 1980c: 45 (distribution), fig. 22 (♂ terminalia); Amorim & Oliveira, 2013: 85 (comments on types and label data), fig. 238 (habitus). Holotype ♂, NHM.
- clavigera** Freeman, 1951: 125, figs. 253 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Neuquén, Santa Cruz, Río Negro, Chubut, Tierra del Fuego), Chile (Angol, Malleco, Osorno, Bío Bío, Ñuble, Llanquihué, Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 47 (distribution), fig. 24 (♂ terminalia), 1984b: 147, figs. 4-7 (♂ terminalia) (redescription, distribution), 1984c: 40 (distribution), 1985: 182 (distribution); Amorim & Oliveira, 2013: 85 (comments on types and label data), fig. 239 (habitus). Holotype ♂, NHM.
- conifera** Freeman, 1951: 125, figs. 252 (♂ terminalia), 344 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Neuquén, Río Negro, Tierra del Fuego), Chile (Malleco, Santiago, Osorno, Ñuble, Llanquihué, Magallanes, Juan Fernández Isl.). Refs.: Duret, 1977b: 359 (distribution), 1980c: 47 (distribution), fig. 25 (♂ terminalia), 1984b: 147, figs. 1-3 (♂ terminalia) (redescription, distribution), 1985: 182 (distribution); Amorim & Oliveira, 2013: 85 (comments on types and label data), fig. 240 (habitus). Holotype ♂, NHM.
- constricta** Freeman, 1951: 128, figs. 261 (♂ terminalia), 349 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Santa Cruz, Río Negro, Tierra del Fuego, Neuquén), Chile (Ñuble, Llanquihué, Osorno, Coquimbo, Magallanes, Bío Bío, Malleco). Refs.: Duret, 1980c: 47 (distribution), fig. 27 (♂ terminalia); Duret, 1981b: 246, figs. 34-36 (♂ terminalia); Amorim & Oliveira, 2013: 87 (comments on types and label data), fig. 241 (habitus). Holotype ♂, NHM.
- cordillerana** Duret, 1984b: 153, figs. 32-34 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes). Holotype ♂, MNHN.
- costaricensis** Lane, 1958c: 402, fig. 6 (♂ terminalia). Type-locality: Costa Rica, San Mateo, Higuito. Distr.: Costa Rica. Holotype ♂, USNM.
- coxiponesi** Lane, 1958c: 402, fig. 7 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 87 (comments on types and label data), fig. 242 (habitus). Holotype ♂, NHM.
- dalcahuensis** Duret, 1989b: 226, figs. 82-84 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahue. Distr.: Chile (Chiloé).

Holotype ♂, MNHN.

- decarloi** Duret, 1983: 118, figs. 17-19 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- deceitensis** Duret, 1989b: 213, figs. 21-24 (♂ terminalia). Type-locality: Chile, Magallanes, Archipiélago del Cabo Hornos, Isla Deceit. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- demacuri** Lane, 1955: 405, fig. 10 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Tucumán, Salta). Ref.: Amorim & Oliveira, 2013: 87 (comments on types and label data), fig. 243 (habitus). Holotype ♂, NHM.
- desantisi** Duret, 1981a: 174, figs. 34-36 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Ushuaia. Distr.: Argentina (Tierra del Fuego, Tucumán), Chile (Osorno, Malleco, Ñuble, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MLP.
- dichaeta** Freeman, 1951: 126, fig. 257 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Tucumán, Río Negro, Tierra del Fuego), Chile (Ñuble, Bío Bío, Magallanes, Llanquihué). Refs.: Duret, 1980c: 47 (distribution), fig. 29 (♂ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 87 (comments on types and label data), fig. 244 (habitus). Holotype ♂, NHM.
- distincta** Freeman, 1951: 104, figs. 197 (♂ terminalia), 198-199 (♀ terminalia), 316 (wing). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Neuquén), Chile (Ñuble, Llanquihué). Refs.: Duret, 1980c: 47 (distribution), fig. 30 (♂ terminalia); Amorim & Oliveira, 2013: 87 (comments on types and label data), fig. 245 (habitus). Holotype ♂, NHM.
- dollylanfrancoae** Duret, 1983: 122, figs. 26-28 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Argentina (Neuquén), Chile (Osorno). Holotype ♂, MNHN.
- eramanensis** Lane, 1955: 406, fig. 11 (♂ terminalia – dorsal view of gonocoxite and gonostyle, mesosome and tergite IX). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 88 (comments on types and label data), fig. 246 (habitus). Holotype ♂, NHM.
- erecta** Duret, 1992: 126, figs. 38-40 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- flavolunata** Freeman, 1951: 122, figs. 246 (♂ terminalia), 341 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Santa Cruz, Río Negro, Neuquén), Chile (Bío Bío, Llanquihué, Santiago, Magallanes, Juan Fernández Isl.). Refs.: Duret, 1980c: 47 (distribution), fig. 33 (♂ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 88 (comments on types and label data), fig. 247 (habitus). Holotype ♂, NHM.
- flexiseta** Freeman, 1951: 105, figs. 203 (♂ terminalia), 318 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santa Cruz), Chile (Ñuble, Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 47 (distribution), fig. 34 (♂ terminalia); Amorim & Oliveira, 2013: 88 (comments on types and label data), fig. 248 (habitus). Holotype ♂, NHM.
- forattinii** Lane, 1955: 407, fig. 12 (♂ terminalia). Type-locality: Brazil, São Paulo, Presidente Venceslau (Fazenda Guanabara). Distr.: Brazil (São Paulo, Amapá), Argentina (Salta), Trinidad. Holotype ♂, MZUSP.
- funerea** Freeman, 1951: 107, figs. 206 (♂ terminalia). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Malleco, Osorno, Ñuble, Llanquihué, Chillán, Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution), fig. 35 (♂ terminalia), 1992: 122, figs. 5-12 (♂ terminalia); Amorim & Oliveira, 2013: 88 (comments on types and label data), fig. 249 (habitus). Holotype ♂, NHM.
- galibisi** Lane, 1955: 408, fig. 13 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina, Amapá). Holotype ♂, MZUSP.
- golbachii** Lane, 1958b: 159, figs. 12 (♂ terminalia), 13 (wing). Type-locality: Argentina, Tucumán, Tafi del Valle. Distr.: Argentina (Tucumán, Tierra del Fuego), Chile (Osorno, Angol, Tierra del Fuego). Holotype ♂, IML.
- gradata** Freeman, 1951: 130, figs. 265 (♂ terminalia), 353 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén), Chile (Magallanes, Osorno, Ñuble). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution), figs. 37-39 (♂ terminalia); Amorim & Oliveira, 2013: 89 (comments on types and label data), fig. 250 (habitus). Holotype ♂, NHM.
- guatensis** Lane, 1955: 408, fig. 14 (♂ terminalia – dorsal view of gonocoxite and gonostyle, mesosome and tergite IX). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 89 (comments on types and label data). Holotype ♂, NHM.
- hernani** Duret, 1984b: 153, figs. 30-31 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Las Raíces, 1600 m. Distr.: Chile (Malleco, Valparaíso), Argentina (Neuquén). Ref.: Duret, 1985: 196 (distribution). Holotype ♂, MNHN.
- humboldtii** (Lane, 1948a): 273, figs. 19, 52 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- icosi** Lane, 1958c: 404, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

- indecisa** Duret, 1984b: 152, figs. 24-27 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes, Isla Navarino). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- jurii** Lane, 1955: 412, fig. 18 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- jurunensis** Lane, 1958b: 410, fig. 15 (♂ terminalia). Type-locality: Brazil, São Paulo, São Miguel Arcanjo (Turvo). Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- kaingangii** Lane, 1956b: 158, fig. 8 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- kunasensis** Lane, 1955: 413, fig. 16 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 89 (comments on types and label data). Holotype ♂, NHM.
- lacuna** Freeman, 1951: 123, figs. 248 (♂ terminalia), 342 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Santa Cruz), Chile (Bío Bío, Ñuble, Llanquihué, Magallanes, Malleco, Angol). Refs.: Duret, 1977b: 359 (distribution), Duret, 1980c: 49 (distribution), figs. 45-46 (♂ terminalia); Amorim & Oliveira, 2013: 89 (comments on types and label data), fig. 251 (habitus). Holotype ♂, NHM.
- laianasi** Lane, 1958c: 404, fig. 9 (♂ terminalia). Type-locality: Trinidad, Macqueripe, Tucker Valley. Distr.: Trinidad. Holotype ♂, MZUSP.
- laninae** Duret, 1992: 128, figs. 43-45 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- lativitta** Freeman, 1951: 129, figs. 264 (♂ terminalia), 352 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Tierra del Fuego, Santiago del Estero), Chile (Magallanes, Malleco). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution); Amorim & Oliveira, 2013: 90 (comments on types and label data), fig. 252 (habitus). Holotype ♂, NHM.
- margaritae** Duret, 1981a: 178, figs. 48-50 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Llanquihué). Holotype ♂, MNHN.
- mariluisei** Duret, 1981a: 172, figs. 28-30 (♂ terminalia). Type-locality: Chile, Magallanes, Ultima Esperanza, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- martinici** Duret, 1979a: 223, figs. 13-15 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- nahuelhuapi** Duret, 1984b: 152, figs. 21-23 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Holotype ♂, MNHN.
- naumanni** Duret, 1992: 124, figs. 23-26 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- neoconifera** Duret, 1984b: 148, figs. 13-15 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Malleco, Osorno, Llanquihué, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- neoconstricta** Duret, 1992: 137, figs. 64-66 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes). Holotype ♂, MNHN.
- neofunerea** Duret, 1992: 124, figs. 27-31 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- neopucatrihuana** Duret, 1992: 135, figs. 56-60 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- neuquinensis** Duret, 1984b: 154, figs. 41-43 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Llanquihué). Holotype ♂, MNHN.
- nublensis** Lane, 1962b: 545, fig. 8 (♂ terminalia). Type-locality: Chile, Ñuble, 40 km E of San Carlos. Distr.: Chile (Ñuble), Argentina (Neuquén). Ref.: Duret, 1980c: 51 (distribution), figs. 52-53 (♂ terminalia). Holotype ♂, CAS.
- osornoensis** Duret, 1981a: 180, figs. 56-57 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué, Costa. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- paraconifera** Duret, 1984b: 150, figs. 16-18 (♂ terminalia). Type-locality: Chile, Osorno, NW Volcán Osorno, 600 m. Distr.: Chile (Osorno, Malleco, Magallanes, Llanquihué). Ref.: Duret, 1985: 196 (distribution). Holotype ♂, MNHN.
- parafunerea** Duret, 1992: 123, figs. 13-18 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- paralativitta** Duret, 1989b: 227, figs. 85-87 (♂ terminalia). Type-locality: Chile, Magallanes, Archipiélago del Cabo de Hornos, Isla Deceit. Distr.: Chile (Malleco, Magallanes). Holotype ♂, MNHN.
- paranotata** Freeman, 1954: 39 (*nom. nov.* for *Mycetophila notata* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Ñuble, Chillán, Llanquihué). Refs.: Duret, 1989b: 226, figs. 79-81 (♂ terminalia) (distribution); Amorim & Oliveira, 2013: 90 (comments on types and label data), fig. 253 (habitus).

- Holotype ♂, NHM.
- notata* Freeman, 1951: 126, figs. 256 (♂ terminalia) (preocc. Stannius, 1831, now in *Zygomysia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Holotype ♂, NHM.
- parapicalis** Freeman, 1954: 39 (*nom. nov.* for *apicalis* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Bío Bío, Ñuble, Llanquihué). Ref.: Amorim & Oliveira, 2013: 90 (comments on types and label data), fig. 254 (habitus). Holotype ♂, NHM.
- apicalis* Freeman, 1951: 124, figs. 250 (♂ terminalia) (preocc. Meigen, 1838, now in *Tarnania*, = *T. fenestralis* (Meigen)). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Holotype ♂, NHM.
- parapucatrihuana** Duret, 1992: 135, figs. 61-63 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- paratehuelchesi** Duret, 1989b: 211, figs. 6-8 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- parawillineri** Duret, 1992: 120, figs. 1-4 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- patagonesi** Lane, 1958c: 406, fig. 10 (♂ terminalia). Type-locality: Argentina, Tucumán, Tafi del Valle. Distr.: Argentina (Tucumán). Holotype ♂, IML.
- pectinata** Freeman, 1951: 125, figs. 254 (♂ terminalia), 346 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero, Santa Cruz, Tucumán), Chile (Magallanes, Ñuble). Refs.: Duret, 1977b: 360 (distribution), 1980c: 51 (distribution), fig. 57 (♂ terminalia); Amorim & Oliveira, 2013: 90 (comments on types and label data), fig. 255 (habitus). Holotype ♂, NHM.
- pellucida** Freeman, 1951: 103, figs. 195-196 (♂ terminalia), 313-314 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Tierra del Fuego, Santiago del Estero, Neuquén, Santa Cruz), Chile (Valparaíso to Magallanes). Refs.: Duret, 1977b: 360 (distribution), 1980c: 51 (distribution), fig. 58 (♂ terminalia), 1981b: 240 (redescription, distribution), figs. 1-3 (♂ terminalia), 4-6 (♀ terminalia); Amorim & Oliveira, 2013: 90 (comments on types and label data), fig. 256 (habitus). Holotype ♂, NHM.
- peniculata** Freeman, 1951: 107, figs. 207 (♂ terminalia), 321 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero), Chile (Magallanes). Refs.: Duret, 1977b: 360 (distribution), 1980c: 51 (distribution), fig. 59 (♂ terminalia); Amorim & Oliveira, 2013: 92 (comments on types and label data), fig. 257 (habitus). Holotype ♂, NHM.
- pirapesi** Lane, 1958c: 406, fig. 11 (♂ terminalia). Type-locality: Argentina, Santa Cruz, Lago Argentino. Distr.: Argentina (Santa Cruz, Tierra del Fuego). Distr.: Argentina (Santa Cruz, Neuquén, Santiago del Estero), Chile (Magallanes). Refs.: Duret, 1980c: 53 (distribution), figs. 61-62 (♂ terminalia), 1984c: 41 (distribution). Holotype ♂, MZUSP.
- plaumanni** Lane, 1958c: 407, fig. 12 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Holotype ♂, MZUSP.
- pluripunctata** (Lane, 1948a): 274, figs. 20, 60 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- pseudoclavigera** Duret, 1984b: 150, figs. 19-20 (♂ terminalia). Type-locality: Argentina, Neuquén, Lago Nahuel Huapi, Isla Victoria. Distr.: Argentina (Neuquén), Chile (Cautín, Malleco, Ñuble, Magallanes). Holotype ♂, MNHN.
- pseudoconifera** Duret, 1984b: 148, figs. 11-12 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- pseudofunerea** Duret, 1992: 123, figs. 19-22 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- pseudopenai** Duret, 1981a: 176, figs. 45-47 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- pucarani** Duret, 1984b: 152, figs. 28-29 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- pucatrihuana** Duret, 1992: 133, figs. 53-55 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- punensis** Lane, 1955: 415, fig. 17 (♂ terminalia). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- ronderosi** Duret, 1981a: 174, figs. 31-33 (♂ terminalia). Type-locality: Chile, Osorno, La Picada. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- rufoides** Amorim & Oliveira, 2013: 92 (*nom. nov.* for *M. rufa* (Lane), preocc. Macquart, 1826). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 92 (comments on types and label data). Holotype ♂, MZUSP.
- rufa* (Lane, 1948a): 264 (*Delopsis*) (preocc. Macquart, 1826). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Holotype ♂, MZUSP.

- sinuata** Freeman, 1951: 130, figs. 266 (♂ terminalia), 354 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero), Chile (Magallanes). Refs.: Duret, 1980c: 53 (distribution), fig. 65 (♂ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 92 (comments on types and label data), fig. 258 (habitus). Holotype ♂, NHM.
- solita** Freeman, 1951: 124, figs. 251 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego). Ref.: Amorim & Oliveira, 2013: 92 (comments on types and label data), fig. 259 (habitus). Holotype ♂, NHM.
- spinosa** Freeman, 1951: 129, figs. 262 (♂ terminalia), 350 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Santa Cruz), Chile (Bío Bío, Ñuble, Llanquihué, Chiloé, Magallanes, Juan Fernández Isl.). Refs.: Duret, 1980c: 53 (distribution), fig. 67 (♂ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 92 (comments on types and label data), fig. 260 (habitus). Holotype ♂, NHM.
- subbrunnea** Freeman, 1951: 131, figs. 269 (♂ terminalia), 355 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Osorno, Magallanes). Refs.: Duret, 1977b: 360 (distribution), 1980c: 53 (distribution), fig. 68 (♂ terminalia); Amorim & Oliveira, 2013: 92 (comments on types and label data), fig. 261 (habitus). Holotype ♂, NHM.
- subfumosa** Freeman, 1954: 32, pl. 2h (♂ terminalia). Type-locality: Juan Fernández, Masatierra, Yunque. Distr.: Chile (Juan Fernández Isl., Angol). Ref.: Amorim & Oliveira, 2013: 93 (comments on types and label data). Holotype ♂, NHM.
- subfunerea** Duret, 1992: 125, figs. 32-37 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- subrecta** Freeman, 1954: 39 (*nom. nov.* for *Mycetophila recta* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Tucumán, Río Negro, Neuquén, Santiago del Estero), Chile (Chiloé). Refs.: Duret, 1980c: 55 (distribution); Amorim & Oliveira, 2013: 93 (comments on types and label data), fig. 262 (habitus). Holotype ♂, NHM.
- recta* Freeman, 1951: 124, figs. 249 (♂ terminalia), 343 (wing) (preocc. Johannsen, 1912). Type-locality: Argentina, Río Negro, Bariloche. Holotype ♂, NHM.
- subvittata** Freeman, 1954: 40 (*nom. nov.* for *M. trivittata* Freeman). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego). Refs.: Duret, 1980c: 55 (distribution); Amorim & Oliveira, 2013: 93 (comments on types and label data), fig. 263 (habitus). Holotype ♂, NHM.
- trivittata* Freeman, 1951: 131, figs. 268 (♂ terminalia) (preocc. Staeger, 1840, now in *Pseudexechia*). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Holotype ♂, NHM.
- tapinirai** Lane, 1955: 415 (*nom. nov.* for *M. confusa* Lane). Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo, Goiás). Holotype ♂, MZUSP.
- confusa* Lane, 1948: 261, fig. XXX (preocc. Dziedzicki 1886). Type-locality: Brazil, São Paulo, Campos do Jordão. Holotype ♂, MZUSP.
- tapuii** Lane, 1958b: 160, fig. 14 (♂ terminalia). Type-locality: Argentina, Tucumán, Lacavera. Distr.: Argentina (Tucumán). Holotype ♂, MZUSP.
- tehuelchesi** Duret, 1979a: 227, figs. 26-29 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Chillán, Magallanes). Ref.: Duret, 1989b: 210 (distr.). Holotype ♂, IPPA.
- trancasensis** Duret, 1992: 127, figs. 41-42 (♂ terminalia). Type-locality: Chile, Chillán, Las Trancas. Distr.: Chile (Chillán). Holotype ♂, MNHN.
- travassosi** (Lane, 1948b): 268, figs. 18, 54 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- triappendiculata** Duret, 1984b: 148, figs. 8-10 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes, Ñuble). Holotype ♂, MNHN.
- triordinata** Freeman, 1954: 40 (*nom. nov.* for *M. triseriata* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Tucumán), Chile (Ñuble, Chiloé, Malleco). Refs.: Duret, 1980c: 55 (distribution), fig. 73 (♂ terminalia); Amorim & Oliveira, 2013: 93 (comments on types and label data), fig. 264 (habitus). Holotype ♂, NHM.
- triseriata* Freeman, 1951: 128, figs. 260 (♂ terminalia), 348 (wing) (preocc. Bukowski, 1949). Type-locality: Argentina, Río Negro, Bariloche. Holotype ♂, NHM.
- tucumana** Lane, 1958b: 160, figs. 15 (wing), 16 (♂ terminalia). Type-locality: Argentina, Tucumán, Tafí del Valle. Distr.: Argentina (Tucumán, Tierra del Fuego), Chile (Ñuble). Holotype ♂, IML.
- tupanensis** Lane, 1961a: 252, fig. 4 (♂ terminalia). Type-locality: Brazil, Amapá, Rio Felício. Distr.: Brazil (Amapá). Holotype ♂, MZUSP.
- uacupisi** Lane, 1958c: 408, fig. 13 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 94 (comments on types and label data), fig. 265 (habitus).

Holotype ♂, NHM.

- uaicensis** Lane, 1955: 415, fig. 19 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 94 (comments on types and label data), fig. 266 (habitus). Holotype ♂, NHM.
- uboyasi** Lane, 1955: 416, fig. 20 (♂ terminalia – gonocoxite and gonostyle, mesosome, and tergite 9). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Trinidad. Ref.: Amorim & Oliveira, 2013: 94 (comments on types and label data), fig. 267 (habitus). Holotype ♂, NHM.
- verberifera** Freeman, 1951: 130, figs. 267 (♂ terminalia), 355 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro), Chile (Osorno, Malleco, Ñuble, Magallanes). Refs.: Duret, 1980c: 55 (distribution), fig. 78 (♂ terminalia); Amorim & Oliveira, 2013: 94 (comments on types and label data), fig. 268 (habitus). Holotype ♂, NHM.
- verbifera*, error: Lane, 1962b: 547.
- willinki** Duret, 1981a: 180, figs. 51-55 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- winnertzi** Lane, 1948b: 253, fig. 12, 44 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- xamasensis** Lane, 1955: 417, fig. 21 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 96 (comments on types and label data), fig. 269 (habitus). Holotype ♂, NHM.
- yurimauesi** Lane, 1955: 419, fig. 22 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 96 (comments on types and label data), fig. 270 (habitus). Holotype ♂, NHM.

Mycetophila (Mycetophila) Meigen

Mycetophila, subgen. **Mycetophila** Meigen, 1803: 263. Type-species, *Tipula agarici* Villers (Johannsen, 1909: 116).

- acarensis** Lane, 1952b: 423, figs. 1-2 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 96 (comments on types and label data), fig. 271 (habitus). Holotype ♂, NHM.
- amplipennis** Freeman, 1951: 115, figs. 225-226 (♂ terminalia), 330 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué, Malleco, Chiloé, Santiago, Ñuble, Magallanes). Refs.: Duret, 1980c: 41 (distribution), figs. 1 (antennal flagellomere), 2 (♂ terminalia); Amorim & Oliveira, 2013: 96 (comments on types and label data), fig. 272 (habitus). Holotype ♂, NHM.
- armatura** Freeman, 1951: 118, figs. 231-232 (♂ terminalia), 334 (wing). Type-locality: Chile, Chiloé, Puntra. Distr.: Chile (Ñuble, Chiloé, Magallanes, Santiago, Llanquihué, Cautín), Argentina (Neuquén). Refs.: Duret, 1977b: 359 (distribution), 1980c: 43 (distribution), fig. 6 (♂ terminalia); Amorim & Oliveira, 2013: 96 (comments on types and label data), fig. 273 (habitus). Holotype ♂, NHM.
- banhumai** Lane, 1952b: 424, fig. 3-4 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Tucumán). Ref.: Amorim & Oliveira, 2013: 97 (comments on types and label data), fig. 274 (habitus). Holotype ♂, NHM.
- basalis** Freeman, 1951: 120, figs. 239-240 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Tucumán, Santa Cruz, Río Negro), Chile. Refs.: Duret, 1980c: 43 (distribution), fig. 8 (♂ terminalia); Amorim & Oliveira, 2013: 97 (comments on types and label data), fig. 275 (habitus). Holotype ♂, NHM.
- bertae** Duret, 1979a: 220, figs. 1-5 (♂ terminalia), 5 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Osorno, Chiloé, Magallanes). Holotype ♂, MNHN.
- bifida** Freeman, 1954: 39 (*nom. nov.* for *M. fasciata* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén), Chile (Llanquihué, Malleco, Magallanes). Refs.: Duret, 1980c: 43 (distribution), fig. 10 (♂ terminalia), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 97 (comments on types and label data), fig. 276 (habitus). Holotype ♂, NHM.
- fasciata* Freeman, 1951: 121, figs. 242-243 (♂ terminalia), 339 (wing) (preocc. Meigen, 1804, now in *Rymosia*). Type-locality: Argentina, Río Negro, Bariloche. Holotype ♂, NHM.
- bisetosa** Freeman, 1951: 108, figs. 208 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Argentina (Río Negro, Tierra del Fuego), Chile (Llanquihué, Chiloé, Magallanes). Refs.: Duret, 1980c: 45 (distribution), fig. 14 (♂ terminalia); Amorim & Oliveira, 2013: 97 (comments on types and label data), fig. 277 (habitus). Holotype ♂, NHM.
- boracensis** Lane, 1948a: 257, figs. 15, 49 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica

- de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina), Guatemala. Holotype ♂, MZUSP.
- brachyptera** Duret, 1989a: 113, figs. 1-8 (♂ terminalia), 9-15 (wing). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Colchagua, Talca, Ñuble, Concepción, Malleco, Cautín, Magallanes). Holotype ♂, MNHN.
- brevifurcata** Freeman, 1951: 108, figs. 209 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué, Magallanes). Refs.: Duret, 1980c: 45 (distribution), figs. 15-16 (♂ terminalia); Amorim & Oliveira, 2013: 98 (comments on types and label data), fig. 278 (habitus). Holotype ♂, NHM.
- brunnescens** Freeman, 1951: 118, figs. 233-234 (♂ terminalia), 335 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén), Chile (Ñuble, Llanquihué, Chiloé, Magallanes, Malleco). Refs.: Duret, 1977b: 359 (distribution), 1980c: 45 (distribution), fig. 20 (♂ terminalia), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 98 (comments on types and label data), fig. 279 (habitus). Holotype ♂, NHM.
- catharinae** Edwards, 1932: 148. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 98 (comments on types and label data), fig. 280 (habitus). Holotype ♂, NHM.
- conjuncta** Freeman, 1951: 117, figs. 227, 229 (♂ terminalia), 332 (wing). Type-locality: Argentina, Río Negro, Lago Nahuel Huapi. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Chubut, Santa Cruz), Chile (Ñuble, Llanquihué, Chiloé, Magallanes, Osorno, Santiago, Bío Bío, Malleco, Cautín, Talca, Concepción), Brazil (São Paulo). Refs.: Duret, 1977b: 359 (distribution), 1980c: 47 (distribution), fig. 26 (♂ terminalia), 1987a: 72 (redescription, distribution), figs. 2 (wing), 21-23 (♂ terminalia), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 98 (comments on types and label data), fig. 281 (habitus). Holotype ♂, NHM.
- curiaensis** Lane, 1952b: 425, figs. 5-6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Salta, Tucumán). Ref.: Amorim & Oliveira, 2013: 98 (comments on types and label data), fig. 282 (habitus). Holotype ♂, NHM.
- dollyae** Duret, 1979a: 222, figs. 9-12 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- duanensis** Lane, 1952b: 426, figs. 7-8 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 100 (comments on types and label data), fig. 283 (habitus). Holotype ♂, NHM.
- freemani** Lane, 1948b: 256, figs. 14 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Argentina (Tucumán). Ref.: Amorim & Oliveira, 2013: fig. 284 (habitus). Holotype ♂, MZUSP.
- fuscescens** Freeman, 1951: 119, figs. 238 (♂ terminalia), 337 (wing). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén), Chile (Osorno, Llanquihué, Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution), fig. 36 (♂ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 100 (comments on types and label data), fig. 285 (habitus). Holotype ♂, NHM.
- guanasi** Lane, 1958b: 156, fig. 7 (♂ terminalia). Argentina, Tucumán, Tafi del Valle. Distr.: Argentina (Tucumán). Holotype ♂, IML.
- guaraiasi** Lane, 1952b: 427, figs. 9-10 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Misiones, Salta). Ref.: Amorim & Oliveira, 2013: 100 (comments on types and label data), fig. 286 (habitus). Holotype ♂, NHM.
- iheringi** Lane, 1948a: 260. Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina), Argentina (Misiones). Refs.: Lane, 1952b: 433 (distribution); Amorim & Oliveira, 2013: fig. 287 (habitus). Holotype ♀, MZUSP.
- illita** Freeman, 1951: 122, figs. 244 (♂ terminalia), 340 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco, Ñuble, Magallanes). Refs.: Duret, 1980c: 49 (distribution), figs. 40-43 (♂ terminalia); Amorim & Oliveira, 2013: 100 (comments on types and label data), fig. 288 (habitus). Holotype ♂, NHM.
- juinensis** Lane, 1952b: 427, figs. 11-12 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina), Argentina (Tucumán), Venezuela. Ref.: Amorim & Oliveira, 2013: 101 (comments on types and label data), fig. 289 (habitus). Holotype ♂, NHM.
- mathesoni** Lane, 1948a: 252, figs. 8, 43 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- multiplex** Freeman, 1951: 113, figs. 220 (♂ terminalia), 221 (♀ terminalia), 327 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Tucumán, Río Negro, Neuquén). Refs.: Duret, 1980c: 49 (distribution), fig. 49 (♂ terminalia); Amorim & Oliveira, 2013: 101 (comments on types and label data), fig. 290 (habitus). Holotype ♂, NHM.
- neotriangulifera** Duret, 1989b: 215, figs. 29-32 (♂ terminalia). Type-locality: Chile, Ñuble, Cordillera Chillán, Las Trancas.

- Distr.: Chile (Ñuble). Holotype ♂, MNHN.
- nervitacta** Freeman, 1951: 116, figs. 227 (♂ terminalia), 331 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero, Santa Cruz), Chile (Magallanes, Santiago, Chiloé, Ñuble, Malleco, Talca, Maule, Bío Bío, Llanquihué, Cautín). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution), fig. 50 (♂ terminalia), 1987a: 68 (redescription, distribution), figs. 1 (wing), 9-13 (♂ terminalia), 36 (♀ terminalia), 1984c: 41 (distribution); Amorim & Oliveira, 2013: 101 (comments on types and label data), fig. 291 (habitus). Holotype ♂, NHM.
- paracapitata** Duret, 1989b: 217, figs. 40-43 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Talca, Malleco, Bío Bío, Osorno, Ñuble, Magallanes). Holotype ♂, MNHN.
- passai** Lane, 1952b: 430, figs. 13-14 (♂ terminalia). Type-locality: Brazil, Rio de Janeiro, Angra dos Reis (Juçaral). Distr.: Brazil (Rio de Janeiro). Holotype ♂, MZUSP.
- picea** Freeman, 1951: 119, figs. 235-236 (♂ terminalia), 336 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero, Santa Cruz), Chile (Osorno, Magallanes). Refs.: Duret, 1977b: 360 (distribution), 1980c: 53 (distribution), fig. 60 (♂ terminalia), Duret, 1984c: 41 (distribution); Amorim & Oliveira, 2013: 101 (comments on types and label data), fig. 292 (habitus). Holotype ♂, NHM.
- pseudopicea** Duret, 1983: 116, figs. 9-11 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta, Los Gringos. Distr.: Bolivia (Yungas), Chile (Malleco, Magallanes). Refs.: Duret, 1984c: 41 (distribution), 1989c: 95 (distribution). Holotype ♂, MNHN.
- shamanensis** Lane, 1952b: 430, figs. 15-16 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 103 (comments on types and label data), fig. 293 (habitus). Holotype ♂, NHM.
- shannoni** Lane, 1948a: 254, figs. 7, 29, 45 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- spinipes** Freeman, 1951: 116, figs. 228 (anterior tibia), 332 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Angol, Magallanes, Ñuble). Refs.: Duret, 1977b: 360 (distribution), 1980c: 53 (distribution), fig. 66 (♂ terminalia); Amorim & Oliveira, 2013: 103 (comments on types and label data), fig. 294 (habitus). Holotype ♂, NHM.
- splendida** Lane, 1948a: 247, fig. 34 (wing), 28, 37, 39 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- stonei** Lane, 1952b: 431 (*nom. nov.* for *M. edwardsi* Lane). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina). Ref.: Amorim & Oliveira, 2013: fig. 295 (habitus). Holotype ♂, MZUSP.
- edwardsi* Lane, 1948a: 248, figs. 4 (♂ terminalia), 32 (wing) (preocc. Lundström, 1913). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Holotype ♂, MZUSP.
- subcapitata** Freeman, 1954: 39 (*nom. nov.* for *M. subfasciata* Freeman). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero), Chile (Valparaíso, Santiago, Malleco, Ñuble, Osorno, Llanquihué, Chiloé, Magallanes, Chillán). Refs.: Duret, 1977b: 360 (distribution), 1980c: 55 (distribution), fig. 69 (♂ terminalia), 1984c: 41 (distribution), 1989b: 217, figs. 37-39 (♂ terminalia); Amorim & Oliveira, 2013: 103 (comments on types and label data), fig. 296 (habitus). Holotype ♂, NHM.
- subfasciata* Freeman, 1951: 120, figs. 226, 241 (♂ terminalia), 338 (wing) (preocc. Meigen, 1818, now in *Leia*). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro). Holotype ♂, NHM.
- tacuensis** Lane, 1952b: 432, figs. 17-18 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 104 (comments on types and label data), fig. 297 (habitus). Holotype ♂, NHM.
- theresae** Edwards, 1932: 148. Type-locality: Brazil, Espírito Santo, Santa Teresa. Distr.: Brazil (Espírito Santo, São Paulo, Santa Catarina), Argentina (Tucumán), Guatemala. Refs.: Lane, 1948a: 255, figs. 13, 48 (♂ terminalia); Amorim & Oliveira, 2013: 104 (comments on types and label data), fig. 298 (habitus). Holotype ♀, NHM.
- triangulifera** Freeman, 1951: 110, figs. 214 (♂ terminalia), 323 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tierra del Fuego, Neuquén, Santiago del Estero, Santa Cruz), Chile (Magallanes, Malleco, Ñuble). Refs.: Duret, 1977b: 360 (distribution), 1980b: figs. 31-32 (M gonostyle and cercus), 1980c: 55 (distribution), fig. 72 (♂ terminalia); Amorim & Oliveira, 2013: 104 (comments on types and label data), fig. 299 (habitus). Holotype ♂, NHM.
- uaianai** Lane, 1952b: 433, figs. 19-20 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo, Santa Catarina), Costa Rica. Ref.: Amorim & Oliveira, 2013: fig. 300 (habitus). Holotype ♂, MZUSP.

vaurasi Lane, 1958c: 398, fig. 2 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, Bahia), Panama, Trinidad. Ref.: Amorim & Oliveira, 2013: 104 (comments on types and label data), fig. 301 (habitus). Holotype ♂, NHM.

Mycetophila (Oromyceta) Lane

Mycetophila subgen. **Oromyceta** Lane, 1955: 395. Type-species, *M. javaesi* Lane (orig. des.).

araucana Lane, 1962b: 542, fig. 7 (♂ terminalia). Type-locality: Chile, Ñuble, 50 km E of San Carlos. Distr.: Chile (Ñuble, Malleco, Magallanes), Argentina (Neuquén). Ref.: Duret, 1985: 183 (distribution). Holotype ♂, CAS.

arecunai Lane, 1955: 396, fig. 2 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

ferrazi Lane, 1955: 397, fig. 3 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

javaesi Lane, 1955: 397, fig. 4 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, Rio de Janeiro), Argentina (Salta), Peru, Costa Rica, Trinidad. Ref.: Amorim & Oliveira, 2013: 105 (comments on types and label data), fig. 302 (habitus). Holotype ♂, NHM.

saltanensis Lane, 1955: 398, fig. 5 (♂ terminalia). Type-locality: Argentina, Salta, Urundel. Distr.: Brazil (Salta). Holotype ♂, IML.

tucunensis Lane, 1955: 399, fig. 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 105 (comments on types and label data), fig. 303 (habitus). Holotype ♂, NHM.

wygodzinskyi (Lane, 1947b): 457, figs. 7 (wing), 6 (♂ terminalia) (*Delopsis*). Type-locality: Brazil, Rio de Janeiro, km 47 of the road Rio-São Paulo. Distr.: Brazil (Rio de Janeiro, Santa Catarina), Argentina (Salta), Costa Rica. Holotype ♂, MZUSP.

Unplaced species of *Mycetophila*

alacalufesi Duret, 1980b: 304, figs. 12-14 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble, Magallanes). Holotype ♂, MNHN.

aliciae Duret, 1980e: 155, figs. 13-16 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

altensis Duret, 1980b: 307, figs. 24-27 (♂ terminalia). Type-locality: Chile, Magallanes. Distr.: Chile (Magallanes). Holotype ♂, MNHN.

amplercis Duret, 1989b: 216, figs. 32-36 (♂ terminalia). Type-locality: Chile, Osorno, Puyehue. Distr.: Chile (Osorno). Holotype ♂, MNHN.

andina Duret, 1983: 115, figs. 4-5 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.

angustifurca Enderlein, 1940: 672, figs. 43 (wing), 44 (♂ terminalia). Type-locality: Chile, Juan Fernandez Isl., Masatierra. Distr.: Chile (Juan Fernández Isl.). Ref.: Freeman, 1954: 32, pl. 2g (♂ terminalia). Syntypes, ?.

apicata Philippi, 1865: 622. Type-locality: Chile, Valdivia. Distr.: Chile. Type, ?.

argentinensis Duret, 1985: 188, figs. 59-61 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno). Holotype ♂, MNHN.

arribalzagai Duret, 1981a: 168, figs. 14-16 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno). Ref.: Duret, 1989b: 209, figs. 1-3 (♂ terminalia). Holotype ♂, MNHN.

artigasi Duret, 1980b: 302, figs. 1-3 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihue. Distr.: Chile (Osorno). Holotype ♂, MNHN.

atricornis Philippi, 1865: 622. Type-locality: Chile, Santiago. Distr.: Chile. Type, ?.

avicularia Freeman, 1951: 109, fig. 210 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén). Refs.: Duret, 1980c: 43 (distribution), fig. 7 (aedeagus); Amorim & Oliveira, 2013: 105 (comments on types and label data), fig. 304 (habitus). Holotype ♂, NHM.

bachmanni Duret, 1980b: 313, figs. 51-53 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Tierra del Fuego), Chile (Magallanes). Ref.: Duret, 1984c: 40 (distribution). Holotype ♂, MNHN.

- bejaranoi** Duret, 1980e: 156, figs. 21-23 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- bifila** Freeman, 1951: 114, figs. 222 (♂ terminalia), 328 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Llanquihué, Chiloé, Magallanes). Refs.: Duret, 1980c: 45 (distribution), figs. 12-13 (♂ terminalia), 1984c: 40 (distribution); Amorim & Oliveira, 2013: 105 (comments on types and label data), fig. 305 (habitus). Holotype ♂, NHM.
- biflagellata** Duret, 1989b: 213, figs. 18-20 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- biformata** Duret, 1985: 186, figs. 40-44 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Bío Bío, Ñuble). Holotype ♂, MNHN.
- biformis** Duret, 1992: 131, figs. 48-52 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Isla de los Estados. Distr.: Argentina (Tierra del Fuego), Chile (Magallanes). Holotype ♂, MNHN.
- blanchardi** Enderlein, 1910a: 174 (*nom. nov.* for *M. punctipennis* Blanchard). Type-locality: Chile, Carelmapu. Distr.: Chile. Type lost.
punctipennis Blanchard, in Gay, 1852: 345 (preocc. Stannius, 1831). Type-locality: Chile, Carelmapu. Type lost.
- brethesi** Duret, 1981b: 249, figs. 53-55 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes). Ref.: Duret, 1984c: 40 (distribution). Holotype ♂, MNHN.
- breyeri** Duret, 1981a: 170, figs. 23-25 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- bruchi** Duret, 1981a: 169, figs. 17-19 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Ref.: Duret, 1984c: 40 (distribution). Holotype ♂, MNHN.
- caprii** Duret, 1980e: 161, figs. 36-38 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- carpintero** Duret, 1980b: 311, figs. 43-45 (♂ terminalia). Type-locality: Chile, Osorno, costa Pucatrihue. Distr.: Chile (Osorno), Argentina (Neuquén). Holotype ♂, MNHN.
- cavalierii** Duret, 1980e: 164, figs. 42-44 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- cekalovici** Duret, 1980b: 310, figs. 40-42 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera las Raíces. Distr.: Chile (Malleco, Ñuble, Llanquihué). Holotype ♂, MNHN.
- chilena** Duret, 1979a: 221, figs. 6-8 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- chillanensis** Duret, 1981b: 245, figs. 31-33 (♂ terminalia). Type-locality: Chile, Ñuble, Recinto, El Castillo. Distr.: Chile (Ñuble, Bío Bío). Holotype ♂, MNHN.
- chiloensis** Duret, 1981b: 242, figs. 17-19 (♂ terminalia). Type-locality: Chile, Chiloé, Dalcahué. Distr.: Chile (Chiloé), Argentina (Neuquén). Holotype ♂, MNHN.
- chlorochroa** Freeman, 1951: 117, figs. 230 (♂ terminalia), 333 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Coquimbo, Ñuble, Chiloé, Malleco). Refs.: Duret, 1980c: 45 (distribution), fig. 23 (♂ terminalia); Amorim & Oliveira, 2013: 105 (comments on types and label data), fig. 306 (habitus). Holotype ♂, NHM.
- chubutensis** Duret, 1989b: 214, figs. 25-28 (♂ terminalia). Type-locality: Argentina, Chubut, Parque Nacional Los Alerces. Distr.: Argentina (Chubut). Holotype ♂, MNHN.
- clydeae** Duret, 1985: 190, figs. 77-78 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihue. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- cognata** Philippi, 1865: 621. Type-locality: Chile, Valdivia. Distr.: Chile. Type, ?.
- cornuta** Freeman, 1951: 112, figs. 217 (♂ terminalia), 326 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Llanquihué, Magallanes, Malleco, Juan Fernandez Isl.). Refs.: Duret, 1980c: 47 (distribution), fig. 28 (♂ terminalia); Amorim & Oliveira, 2013: 107 (comments on types and label data), fig. 307 (habitus). Holotype ♂, NHM.
- coscaroni** Duret, 1980b: 312, figs. 46-47 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- delgadoi** Duret, 1981a: 175, figs. 37-41 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- digitalis** Freeman, 1951: 123, figs. 247 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 107 (comments on types and label data), fig. 308 (habitus). Holotype ♂, NHM.
- digna** Plassmann & Vogel, 1990: 128, fig. 5 (♂ terminalia). Type-locality: Chile, Cape Horn, in mixed soil forest of

- Sphagnum fimbriatum*, about 250 m above sea level from the Laguna Parillar, Peninsula Brunswick. Distr.: Chile (Magallanes). Holotype ♂, ZSM.
- dominica** Curran, 1927: 1, fig. 1 (wing). Type-locality: Dominica, Laudet, 2100 ft. Distr.: Dominica. Holotype ♀, AMNH.
- fagnanoensis** Duret, 1989b: 223, figs. 67-69 (♂ terminalia). Type-locality: Argentina, Tierra del Fuego, Lago Fagnano. Distr.: Argentina (Tierra del Fuego). Holotype ♂, MNHN.
- fascipennis** Philippi, 1865: 621. Type-locality: Chile, Santiago. Distr.: Chile. Type, ?.
- fernandezii** Duret, 1980e: 151, figs. 7-9 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno). Holotype ♂, MNHN.
- flabellifera** Freeman, 1951: 112, figs. 218-219 (♂ terminalia), 325 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco). Refs.: Duret, 1980c: 47 (distribution), fig. 31 (♂ terminalia); Amorim & Oliveira, 2013: 107 (comments on types and label data), fig. 309 (habitus). Holotype ♂, NHM.
- flavithorax** Freeman, 1951: 126, figs. 255 (♂ terminalia). Type-locality: Chile, Llanquihué, Puerto Varas. Distr.: Argentina (Neuquén), Chile (Osorno, Ñuble, Llanquihué, Chiloé). Refs.: Duret, 1980c: 47 (distribution), fig. 32 (♂ terminalia), 1992: 131 (distribution); Amorim & Oliveira, 2013: 107 (comments on types and label data), fig. 310 (habitus). Holotype ♂, NHM.
- flavoconjuncta** Duret, 1987a: 74, figs. 7 (wing), 29-30 (♂ terminalia). Type-locality: Chile, Llanquihué, Correntoso, El Chingue. Distr.: Chile (Llanquihué, Osorno). Holotype ♂, MNHN.
- fritzi** Duret, 1980b: 314, figs. 54-57 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- fueguina** Duret, 1980b: 308, figs. 33-35 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- garcaii** Duret, 1980e: 161, figs. 33-35 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- garridoi** Duret, 1980b: 315, figs. 58-60 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé, Llanquihué). Holotype ♂, MNHN.
- gentilii** Duret, 1980b: 306, figs. 21-23 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Holotype ♂, MNHN.
- golbachiani** Duret, 1987a: 76, figs. 34-35 (♂ terminalia). Type-locality: Argentina, Tucumán, Horco Molle. Distr.: Argentina (Tucumán). Holotype ♂, MNHN.
- golbachiensis** Duret, 1987a: 75, figs. 8 (wing), 31-33 (♂ terminalia), 39 (♀ terminalia). Type-locality: Argentina, Tucumán, San Javier. Distr.: Argentina (Tucumán). Holotype ♂, MNHN.
- hepperi** Duret, 1980e: 150, figs. 1-3 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- heteroneura** Philippi, 1865: 622. Type-locality: Chile, Corral. Distr.: Chile. Type, ?.
- hornosensis** Duret, 1989b: 221, figs. 54-57 (♂ terminalia). Type-locality: Chile, Magallanes, Archipiélago del Cabo de Hornos, Isla Deceit. Distr.: Chile. Holotype ♂, MNHN.
- hutsoni** Duret, 1981a: 176, figs. 42-44 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- ibarragrassoi** Duret, 1985: 190, figs. 72-76 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes, Malleco). Holotype ♂, MNHN.
- ibarraii** Duret, 1980e: 150, figs. 4-6 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno). Holotype ♂, MNHN.
- indiana** Duret, 1985: 185, fig. 30 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- indigena** Duret, 1985: 185, fig. 29 (♂ terminalia). Type-locality: Chile, Magallanes, Ultima Esperanza, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- insecta** Freeman, 1951: 109, figs. 211 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Juan Fernandez Isl.). Refs.: Freeman, 1954: 31 (distribution); Duret, 1980c: 49 (distribution), fig. 44 (♂ terminalia); Amorim & Oliveira, 2013: 107 (comments on types and label data), fig. 311 (habitus). Holotype ♂, NHM.
- interrita** Plassmann & Vogel, 1990: 129, fig. 6 (♂ terminalia). Type-locality: Chile, Cape Horn, in mixed soil forest of *Nothofagus antarctica* and *N. pumillo*, about 250 m above sea level from the Laguna Parillar, Peninsula Brunswick. Distr.: Chile (Magallanes). Holotype ♂, ZSM.
- isabellae** Duret, 1980e: 158, figs. 24-26 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Tierra del Fuego), Chile (Osorno, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.

- josepastranai** Duret, 1989b: 223, figs. 64-66 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihué. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- lanfrancoae** Duret, 1977a: 349, figs. 1-3 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Osorno). Holotype ♂, IPPA.
- laninensis** Duret, 1981b: 248, figs. 47-49 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Osorno, Magallanes, Llanquihué). Holotype ♂, MNHN.
- leonyivoffi** Duret, 1989b: 212, figs. 12-13 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- lonquimayensis** Duret, 1989b: 225, figs. 76-78 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- lorigera** Freeman, 1951: 105, figs. 202 (♂ terminalia), 317 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Magallanes). Refs.: Duret, 1977b: 359 (distribution), 1980c: 49 (distribution), figs. 47-48 (♂ terminalia); Amorim & Oliveira, 2013: 108 (comments on types and label data), fig. 312 (habitus). Holotype ♂, NHM.
- luispenai** Duret, 1980b: 312, figs. 48-50 (♂ terminalia). Type-locality: Chile, Isla Chiloé, Dalcahue. Distr.: Chile (Chiloé, Osorno, Llanquihué, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- macrocephala** Duret, 1985: 187, figs. 50-52 (♂ terminalia). Type-locality: Chile, Llanquihué, Norte de Correntoso, El Chingue. Distr.: Chile (Llanquihué). Holotype ♂, MNHN.
- macula** Enderlein, 1910a: 172. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Santa Catarina). Holotype ♀, PAN.
comb. reinst.
Comments. *Mycetophila macula* Enderlein was included by Papavero (1978) in the genus *Epicypsa*, but there is no indication of the source for that combination. We had the opportunity to examine the type *M. macula* and it does not fit in *Epicypsa*, so we kept here the original combination.
- magallanensis** Duret, 1985: 189, figs. 68-71 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Holotype ♂, MNHN.
- magallanica** Duret, 1977a: 350, figs. 4 (wing), 5-6 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- mallecoana** Duret, 1989b: 221, figs. 58-59 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta. Distr.: Chile (Malleco). Holotype ♂, MNHN.
- mallecoensis** Duret, 1981b: 244, figs. 26-27 (♂ terminalia). Type-locality: Chile, Malleco, Nahuelbuta, Piedra del Aguila. Distr.: Chile (Malleco, Magallanes). Holotype ♂, MNHN.
malacoensis, error: Plassmann, 1995: 371.
- mapuchesi** Duret, 1985: 186, figs. 37-39 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- martinezi** Duret, 1980b: 316, figs. 61-63 (♂ terminalia). Type-locality: Chile, Ñuble, Las Trancas. Distr.: Chile (Ñuble), Argentina (Neuquén). Holotype ♂, MNHN.
- maurii** Duret, 1980e: 156, figs. 19-20 (♂ terminalia). Type-locality: Argentina, Neuquén, Lago de Nahuel Huapi, Isla Victoria. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- merdigera** Knab & Zwaluwenburg, 1918: 140, pl. 8, figs. 1-3 (whole insect, cocoon). Type-locality: Puerto Rico, Aibonito. Distr.: Puerto Rico. Holotype ♂, USNM. [presumably an *Epicypsa* sp.]
- mesorphina** Speiser, 1911: 238. Type-locality: Peru. Distr.: Peru. Type lost.
- montealtensis** Duret, 1979a: 224, figs. 16-18 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, IPPA.
- nahuelbutaensis** Duret, 1983: 118, figs. 20-22 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta, Los Gringos. Distr.: Argentina (Neuquén), Chile (Chiloé, Malleco, Ñuble, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- neoclavigera** Duret, 1985: 189, figs. 66-67 (♂ terminalia). Type-locality: Chile, Magallanes, Ultima Esperanza, Monte Alto. Distr.: Chile (Magallanes), Argentina (Neuquén). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- neoconjuncta** Duret, 1987a: 72, figs. 6 (wing), 24-26 (♂ terminalia), 37 (♀ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta. Distr.: Chile (Malleco, Osorno, Cautín, Chiloé, Magallanes, Maule), Argentina (Neuquén). Holotype ♂, MNHN.
- neoflavithorax** Duret, 1992: 130, figs. 46-47 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- neolorigera** Duret, 1989b: 209, figs. 1-3 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Las Raíces. Distr.: Argentina (Neuquén), Chile (Malleco, Ñuble). Holotype ♂, MNHN.
- neomacrocephala** Duret, 1989b: 224, figs. 70-72 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Las Raíces. Distr.: Chile (Malleco, Osorno). Holotype ♂, MNHN.

- neomapuchesi** Duret, 1985: 187, figs. 45-49 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- neoparapicalis** Duret, 1985: 190, figs. 79-86 (♂ terminalia). Type-locality: Chile, Ñuble, Cordillera Chillán, Shangri-la. Distr.: Chile (Ñuble, Valparaíso, Osorno, Santiago, Coquimbo, Magallanes). Holotype ♂, MNHN.
- neuquina** Duret, 1981a: 166, figs. 6-10 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble, Malleco). Holotype ♂, MNHN.
- nigrescens** Freeman, 1951: 110, figs. 213 (♂ terminalia), 322 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Ñuble). Refs.: Duret, 1980c: 51 (distribution), fig. 51 (♂ terminalia); Amorim & Oliveira, 2013: 108 (comments on types and label data), fig. 313 (habitus). Holotype ♂, NHM.
- nigriventris** Philippi, 1865: 623. Type-locality: Chile, Valdivia. Distr.: Chile. Type, ?.
- nodulosa** Williston, 1896: 264, pl. 8, fig. 20 (wing). Type-locality: St. Vincent, W.I. Distr.: St. Vincent. Ref.: Amorim & Oliveira, 2013: 108 (comments on types and label data), fig. 314 (syntype lost). Syntype M, NHM.
- obscuripennis** Blanchard, in Gay, 1852: 346. Type-locality: Chile, Coquimbo. Distr.: Chile. Type lost.
- olivae** Duret, 1983: 120, figs. 23-25 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno). Ref.: Duret, 1989b: 227 (distribution). Holotype ♂, MNHN.
- onasi** Duret, 1980b: 302, figs. 4-7 (♂ terminalia). Type-locality: Chile, Magallanes, Prov. De Ultima Esperanza, comuna Río Rubens, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- ordiniseta** Freeman, 1951: 106, figs. 204 (♂ terminalia), 319 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro, Neuquén), Chile (Llanquihué). Refs.: Duret, 1980c: 51 (distribution), figs. 54-56 (♂ terminalia); Amorim & Oliveira, 2013: 108 (comments on types and label data), fig. 315 (habitus). Holotype ♂, NHM.
- ornatipennis** Blanchard, in Gay, 1852: 344. Type-locality: Chile, Coquimbo. Distr.: Chile. Type lost.
- osornoana** Duret, 1989b: 222, figs. 60-63 (♂ terminalia). Type-locality: Chile, Osorno, Puyehue, Aguas Calientes. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- palaciosi** Duret, 1981a: 170, figs. 26-27 (♂ terminalia). Type-locality: Chile, Llanquihué, No de Correntoso, El Chingue. Distr.: Chile (Llanquihué). Holotype ♂, MNHN.
- pallida** Johnson, 1919: 425 (preocc. Stannius, 1831, now in *Exechia*, = *seriata* (Meigen, 1830)). Type-locality: Jamaica, Kingston, Liguanea Plain. Distr.: Jamaica. Type lost.
- paraconjuncta** Duret, 1987a: 73, figs. 27-28 (♂ terminalia), 38 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Chubut), Chile (Cautín, Maule, Osorno, Ñuble, Valparaíso, Malleco, Magallanes, Valdivia, Llanquihué). Holotype ♂, MNHN.
- paraconstricta** Duret, 1981b: 246, figs. 37-40 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble, Osorno, Bío Bío, Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- paranervitacta** Duret, 1987a: 71, figs. 5 (wing), 17-20 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Santa Cruz), Chile (Ñuble, Bío Bío, Malleco, Chillán, Magallanes). Holotype ♂, MNHN.
- paraonasi** Duret, 1980b: 303, figs. 8-11 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- paraordiniseta** Duret, 1979a: 225, figs. 19-21 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Argentina (Neuquén), Chile (Magallanes). Ref.: Duret, 1989b (distribution). Holotype ♂, IPPA.
- parapellucida** Duret, 1981b: 241, figs. 12-14 (♂ terminalia), 15-16 (♀ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Santiago, Coquimbo, Ñuble, Malleco, “Los Andes”). Holotype ♂, MNHN.
- parasubfusca** Duret, 1981a: 165, figs. 3-5 (♂ terminalia). Type-locality: Chile, Ñuble, Cordillera Chillán, Las Trancas. Distr.: Chile (Ñuble, Malleco, Magallanes). Holotype ♂, MNHN.
- paraunicornuta** Duret, 1989b: 219, figs. 47-49 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Coquimbo, Ñuble, Magallanes). Ref.: Duret, 1980a: 55, figs. 74 (♂ terminalia) (as *M. unicornuta* Freeman). Holotype ♂, MNHN.
- pastranai** Duret, 1980e: 162, figs. 39-41 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
pastrani, error: Plassmann, 1995: 371.
- patagonica** Duret, 1979a: 226, figs. 22-25 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile. Holotype ♂, IPPA.
- patagoniensis** Duret, 1989b: 211, figs. 9-11 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- penai** Duret, 1980e: 159, figs. 27-29 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará.

- Distr.: Argentina (Neuquén), Chile (Osorno, Ñuble, Malleco, Maule). Ref.: Duret, 1981a: 178 (distribution). Holotype ♂, MNHN.
- pinarensis** Duret, 1985: 186, figs. 34-36 (♂ terminalia). Type-locality: Chile, Bío Bío, Concepción, Pinares. Distr.: Chile (Bío Bío). Holotype ♂, MNHN.
- pirani** Duret, 1980e: 160, figs. 30-32 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Coquimbo). Holotype ♂, MNHN.
- placata** Plassmann & Vogel, 1990: 130, fig. 7 (♂ terminalia). Type-locality: Chile, Cape Horn, in mixed soil forest of *Nothophagus pumilio* and *N. betuloides*, about 50 m above sea level from the island of Navarino. Distr.: Chile (Tierra del Fuego). Holotype ♂, ZSM.
- porteri** Duret, 1981b: 245, figs. 28-30 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- proseni** Duret, 1981a: 169, figs. 20-22 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- pseudoaltensis** Duret, 1980b: 307, figs. 28-30 (♂ terminalia). Type-locality: Chile, Llanquihué, Norte de Correntoso, El Chingue. Distr.: Chile (Llanquihué, Osorno). Holotype ♂, MNHN.
- pseudoaraucana** Duret, 1985: 184, figs. 12-15 (♂ terminalia). Type-locality: Chile, Magallanes, Última Esperanza, Monte Alto. Distr.: Chile (Magallanes, Malleco, Cautín), Argentina (Neuquén, Santa Cruz). Holotype ♂, MNHN.
- pseudoconstricta** Duret, 1981b: 247, figs. 41-43 (♂ terminalia). Type-locality: Chile, Magallanes, Última Esperanza, Monte Alto. Distr.: Chile (Magallanes, Osorno, Llanquihué). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- pseudodigitalis** Duret, 1989b: 220, figs. 50-53 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuelbuta, Piedra del Agua, 1300 m. Distr.: Chile (Malleco, Ñuble). Holotype ♂, MNHN.
- pseudonervitacta** Duret, 1987a: 70, figs. 14-16 (♂ terminalia). Type-locality: Chile, Valparaíso, Til-Til, Cerro La Vizcacha. Distr.: Chile (Valparaíso, Santiago, Maule, Ñuble), Argentina (Neuquén). Holotype ♂, MNHN.
- pseudopellucida** Duret, 1981b: 241, figs. 7-9 (♂ terminalia), 10-11 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Santiago, Ñuble, Malleco, Osorno, Chiloé, Magallanes). Holotype ♂, MNHN.
- pseudoviridipes** Duret, 1980b: 305, figs. 15-17 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Ref.: Duret, 1984c: 41 (distribution). Holotype ♂, MNHN.
- pucara** Duret, 1985: 188, figs. 56-58 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Malleco, Llanquihué). Holotype ♂, MNHN.
- pucaraensis** Duret, 1973b: 471, figs. 1 (wing), figs. 2-5 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará (Parque Nacional Lanín), 600 m. Distr.: Argentina (Neuquén, Chubut). Ref.: Duret, 1980c: 53 (distribution). Holotype ♂, MNHN.
- pucatrihuensis** Duret, 1981b: 249, figs. 56-58 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihue, Costa. Distr.: Chile (Osorno). Holotype ♂, MNHN.
- puelchesi** Duret, 1985: 186, figs. 31-33 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Magallanes). Holotype ♂, MNHN.
- puyehuisis** Duret, 1983: 117, figs. 12-16 (♂ terminalia). Type-locality: Chile, Osorno, Pucatrihue. Distr.: Argentina (Tierra del Fuego), Chile (Osorno). Holotype ♂, MNHN.
- ramosa** Freeman, 1951: 114, figs. 223 (♂ terminalia). Type-locality: Chile, Llanquihué, Peulla. Distr.: Chile (Llanquihué), Argentina (Neuquén). Refs.: Duret, 1980c: 53 (distribution), fig. 63 (♂ terminalia); Amorim & Oliveira, 2013: 108 (comments on types and label data), fig. 316 (habitus). Holotype ♂, NHM.
- rubensis** Duret, 1981b: 243, figs. 23-25 (♂ terminalia). Type-locality: Chile, Magallanes, Última Esperanza, comuna Rubens, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, IPPA.
- schajovskoyi** Duret, 1980b: 309, figs. 36-38 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Tierra del Fuego), Chile (Ñuble, Malleco, Chiloé, Magallanes). Holotype ♂, MNHN.
- scourfieldi** Duret, 1985: 188, figs. 53-55 (♂ terminalia). Type-locality: Chile, Magallanes, Cape Horn, Bahía Scourfield. Distr.: Chile (Tierra del Fuego). Holotype ♂, MNHN.
- sergioi** Duret, 1973a: 57, figs. 1 (wing), 2-5 (♂ terminalia). Type-locality: Argentina, Neuquén, Pucará (Parque Nacional Lanín). Distr.: Argentina (Neuquén). Holotype ♂, MNHN.
- simplex** Freeman, 1951: 121, figs. 245 (♂ terminalia), 336 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Chiloé). Ref.: Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 317 (habitus). Holotype ♂, NHM.
- simplicistila** Freeman, 1951: 127, figs. 259 (♂ terminalia). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco, Magallanes). Refs.: Duret, 1980c: 53 (distribution), fig. 64 (♂ terminalia); Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 318 (habitus). Holotype ♂, NHM.
- strikeri** Duret, 1980e: 155, figs. 17-18 (♂ terminalia). Type-locality: Argentina, Neuquén, Lago de Nahuel Huapi, Isla Victoria. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

- subconstricta** Duret, 1981b: 247, figs. 44-46 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Osorno, Llanquihué). Holotype ♂, MNHN.
- subfusca** Freeman, 1951: 102, figs. 190 (♂ terminalia), 191-192 (♀ terminalia), 311 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Malleco, Magallanes). Refs.: Duret, 1980c: 55 (distribution), fig. 70 (♂ terminalia), 1981a: 165, figs. 1-2 (♂ terminalia); Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 319 (habitus). Holotype ♂, NHM.
- sublaninensis** Duret, 1981b: 248, figs. 50-52 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Malleco, Magallanes). Holotype ♂, MNHN.
- talaris** Freeman, 1951: 115, figs. 224 (♂ terminalia), 329 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén). Refs.: Duret, 1980c: 55 (distribution), fig. 71 (♂ terminalia); Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 320 (habitus). Holotype ♂, NHM.
- tantula** Plassmann & Vogel, 1990: 131, fig. 8 (♂ terminalia). Type-locality: Chile, captured with fishing net on Laguna, Peninsula Brunswick. Distr.: Chile (Magallanes). Holotype ♂, ZSM.
- temucoensis** Duret, 1985: 189, figs. 62-63 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Cautín). Holotype ♂, MNHN.
- tolhuacaensis** Duret, 1983: 122, figs. 29-31 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera Nahuebuta, 1300 m. Distr.: Argentina (Neuquén), Chile (Malleco). Holotype ♂, MNHN.
- tomasi** Duret, 1981b: 243, figs. 20-22 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Ñuble, Malleco, Llanquihué, Magallanes). Holotype ♂, MNHN.
- unicornuta** Freeman, 1951: 120, figs. 237 (♂ terminalia), 337 (wing). Type-locality: Chile, Valparaíso, Marga Marga. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Coquimbo, Valparaíso, Magallanes, Ñuble). Refs.: Duret, 1977b: 360 (distribution), 1980c: 55 (distribution), fig. 74 (♂ terminalia), 1989b: 219, figs. 44-46 (♂ terminalia) (distribution); Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 321 (habitus). Holotype ♂, NHM.
- uniseris** Freeman, 1951: 106, figs. 205 (♂ terminalia), 320 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén, Tierra del Fuego), Chile (Osorno). Refs.: Duret, 1989b: 212, figs. 14-17 (♂ terminalia); Amorim & Oliveira, 2013: 109 (comments on types and label data), fig. 322 (habitus). Holotype ♂, NHM.
- variable** Duret, 1985: 184, figs. 19-28 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén, Tierra del Fuego), Chile (Malleco, Llanquihué, Magallanes, Ñuble, Osorno). Holotype ♂, MNHN.
- vianai** Duret, 1980e: 152, figs. 10-12 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes, Osorno). Holotype ♂, MNHN.
- veligera** Freeman, 1951: 111, figs. 212 (♂ terminalia), 216-217 (♀ terminalia), 324 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén), Chile (Malleco). Refs.: Duret, 1980c: 55 (distribution), fig. 75 (♂ terminalia); Amorim & Oliveira, 2013: 110 (comments on types and label data), fig. 323 (habitus). Holotype ♂, NHM.
- victoriaensis** Duret, 1983: 115, figs. 6-8 (♂ terminalia). Type-locality: Argentina, Neuquén, Lago Nahuel Huapi, Isla Victoria. Distr.: Argentina (Neuquén), Chile (Ñuble). Holotype ♂, MNHN.
- viridipes** Freeman, 1951: 104, figs. 200 (♂ terminalia), 201 (♀ terminalia), 316 (wing). Type-locality: Argentina, Río Negro, Lago Gutiérrez. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Magallanes, Malleco, Osorno, Chiloé). Refs.: Duret, 1977b: 360 (distribution), 1980c: 55 (distribution), fig. 77 (♂ terminalia); Amorim & Oliveira, 2013: 110 (comments on types and label data), fig. 324 (habitus). Holotype ♂, NHM.
- vitticollis** Blanchard, *in* Gay, 1852: 345. Type-locality: Chile, Coquimbo. Distr.: Chile. Type lost.
- vittipennis** Freeman, 1951: 129, figs. 263 (♂ terminalia), 351 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Neuquén, Santiago del Estero), Chile (Magallanes, Malleco, Ñuble). Refs.: Duret, 1977b: 360 (distribution), 1980c: 57 (distribution), fig. 76 (♂ terminalia); Amorim & Oliveira, 2013: 110 (comments on types and label data), fig. 325 (habitus). Holotype ♂, NHM.
- volitans** Lynch Arribálzaga, 1892: 429 (1892: 55). Type-locality: Argentina, Misiones. Distr.: Argentina (Misiones). Type lost.
- willineri** Duret, 1981a: 168, figs. 11-13 (♂ terminalia). Type-locality: Chile, Malleco, Cordillera de las Raíces, Lonquimay, 1600 m. Distr.: Chile (Malleco, Llanquihué, Ñuble). Holotype ♂, MNHN.
- yaganesi** Duret, 1980b: 305, figs. 18-20 (♂ terminalia). Type-locality: Chile, Magallanes, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- yaguanesi*, error: Plassmann, 1995: 372.
- yamanasi** Duret, 1985: 184, figs. 16-18 (♂ terminalia). Type-locality: Chile, Magallanes, Ultima Esperanza, Monte Alto. Distr.: Chile (Magallanes). Holotype ♂, MNHN.
- yivoffi** Duret, 1980e: 164, figs. 45-47 (♂ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

Genus **Phronia** Winnertz, 1863

Phronia Winnertz, 1863: 857. Type-species, *P. rustica* Winnertz (Johannsen, 1909: 96) = *P. exigua* (Zetterstedt).

gulata Plassmann & Vogel, 1990: 127, fig. 4 (♂ terminalia). Type-locality: Chile, Cape Horn, in mixed soil forest of *Nothofagus pumilio* and *N. betuloides*, about 50 m above sea level from the island of Navarino. Distr.: Chile (Tierra del Fuego). Holotype ♂, ZSM.

longinervis Freeman, 1951: 93, figs. 179 (♂ terminalia), 296 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Tucumán, Río Negro, Tierra del Fuego), Chile (Llanquihué, Magallanes). Refs.: Duret, 1977b: 359 (distribution); Amorim & Oliveira, 2013: 110 (comments on types and label data), fig. 326 (habitus). Holotype ♂, NHM.

Genus **Platurocypta** Enderlein, 1910

Platurocypta Enderlein, 1910b: 76. Type-species, *P. limbatifemur* Enderlein (orig. des.).

Neoepicypta Coher, 1950a: 114. Type-species, *Mycetophila punctum* Stannius (orig. des.).

neotropicalis Lane, 1947b: 450, fig. 3 (♀ terminalia). Type-locality: Brazil, São Paulo, Cajuru. Distr.: Brazil (São Paulo, Santa Catarina). Refs.: Lane, 1948a: 238 fig. 10 (♂ terminalia); Amorim & Oliveira, 2013: 112, fig. 327 (habitus). Holotype ♀, MZUSP.

sp. Amorim & Oliveira, 2013: 112 (comments on specimens and distribution). Locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina).

Genus **Pleurogymnus** Freeman, 1951

Pleurogymnus Freeman, 1951: 92. Type-species, *P. fuscus* Freeman (orig. des.).

fuscus Freeman, 1951: 93, figs. 178 (♂ terminalia), 295 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Bío Bío, Magallanes). Refs.: Duret, 1977b: 359 (distribution); Amorim & Oliveira, 2013: 112 (comments on types and label data), fig. 328 (habitus). Holotype ♂, NHM.

Genus **Sceptonia** Winnertz, 1863

Sceptonia Winnertz, 1863: 907. Type-species, *Mycetophila nigra* Meigen (Johannsen, 1909: 113).

bicolorata Lane, 1948a: 239, fig. 28 (wing). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Ref.: Lane, 1956b: 154, fig. 5 (♂ terminalia). Holotype ♀, MZUSP.

longicornis Enderlein, 1910a: 183. Type-locality: Brazil, Santa Catarina. Distr.: Brazil (Goiás, Rio de Janeiro, São Paulo, Santa Catarina). Ref.: Lane, 1947b: 452 (distribution). Syntypes F, PAN.

ornatifemora Fisher, 1939: 235, pl. 13, figs. 7-8 (♂ terminalia). Type-locality: Costa Rica, San José. Distr.: Costa Rica. Holotype ♂, ANSP.

paiaguensis Lane, 1956b: 155, fig. 6 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina, São Paulo). Ref.: Amorim & Oliveira, 2013: 112 (comments on types and label data), figs. 329 (holotype lost), 330 (habitus). Holotype ♂, NHM.

Genus **Trichonta** Winnertz, 1863

Trichonta Winnertz, 1863: 847. Type-species, *Mycetophila melanura* Staeger (Johannsen, 1909: 94).

argentina Duret, 1979b: 5, figs. 1 (wing), 2 (mx. palpus), 3 (base of antenna), 4 (apex of front tibia), 5-6 (tarsal claws), 7 (♂ terminalia), 8 (syngonocoxite), 9-10 (gonostyle), 11 (tergite 9 and cerci), 12-14 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén). Holotype ♂, MNHN.

excisa Lundström, 1916: 73, Taf. I, figs. 5-7 (♂ terminalia). Type-locality: Hungary, Czibels. Distr.: Europe, Mexico

- (Durango). Ref.: Gagné, 1981: 18, figs. 142-144 (♂ terminalia). Holotype ♂, NHM.
- fasciata** Freeman, 1951: 97, figs. 188-189 (♂ terminalia). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro, Tucumán, Tierra del Fuego), Chile (Magallanes). Refs.: Duret, 1977b: 359 (distribution); Amorim & Oliveira, 2013: 113 (comments on types and label data), fig. 331 (habitus). Holotype ♂, NHM.
- funerea** Freeman, 1951: 96, figs. 186-187 (♂ terminalia), 310 (wing). Type-locality: Argentina, Río Negro, Bariloche. Distr.: Argentina (Río Negro), Chile (Magallanes). Refs.: Duret, 1977b: 359 (distribution); Amorim & Oliveira, 2013: 113 (comments on types and label data), fig. 332 (habitus). Holotype ♂, NHM.
- gentilis** Gagné, 1981: 21, figs. 101-103 (♂ terminalia). Type-locality: USA, Iowa, Boone Co., Ledges State Park. Distr.: USA (Iowa, Indiana, Wisconsin), Mexico (Durango). Holotype ♂, USNM.
- major** Freeman, 1951: 95, figs. 182-183 (♂ terminalia), 308 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro). Ref.: Amorim & Oliveira, 2013: 113 (comments on types and label data), fig. 333 (habitus). Holotype ♂, NHM.
- neuquina** Duret, 1979b: 8, figs. 27 (apex of front tibia), 28 (tarsal claw), 29 (gonocoxite), 30 (gonostyle), 31-32 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Magallanes). Holotype ♂, MNHN.
- nubilipennis** Freeman, 1951: 94, figs. 180-181 (♂ terminalia), 309 (wing). Type-locality: Argentina, Río Negro, Lago Correntoso. Distr.: Argentina (Río Negro), Chile (Magallanes). Refs.: Duret, 1977b: 359 (distribution); Amorim & Oliveira, 2013: 113 (comments on types and label data), fig. 334 (habitus). Holotype ♂, NHM.
- placida** Gagné, 1981: 25, figs. 41-41 (♂ terminalia). Type-locality: Mexico, Sinaloa, 4.5 mi. w. El Palmito. Distr.: Mexico (Sinaloa). Holotype ♂, CNC.
- sergioi** Duret, 1979b: 6, figs. 21 (♂ terminalia), 22 (syngonocoxite), 23 (gonostyle), 24-26 (♀ terminalia). Type-locality: Argentina, Neuquén, Parque Nacional Lanín, Pucará. Distr.: Argentina (Neuquén), Chile (Chiloé). Holotype ♂, MNHN.
- similis** Freeman, 1951: 96, fig. 185 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro), Chile (Llanquihué). Ref.: Amorim & Oliveira, 2013: 113 (comments on types and label data), fig. 335 (habitus). Holotype ♂, NHM.
- spinigera** Freeman, 1951: 95, fig. 184 (♂ terminalia). Type-locality: Argentina, Río Negro, Puerto Blest. Distr.: Argentina (Río Negro), Chile (Llanquihué, Chiloé). Ref.: Amorim & Oliveira, 2013: 114 (comments on types and label data), fig. 336 (habitus). Holotype ♂, NHM.
- tobasi** (Lane, 1958c): 397, fig. 1 (♂ terminalia) (*Mycetophila*). Type-locality: Argentina, Neuquén, Mallo, 1700 m. Distr.: Argentina (Neuquén, Santa Cruz), Chile (Malleco, Magallanes). Ref.: Duret, 1979b: 4 (distribution), figs. 15 (♂ terminalia), 16 (syngonocoxite), 17 (gonostyle), 18-20 (♀ terminalia) (redescription, genus transference). Holotype ♂, MZUSP.
- valida** Gagné, 1981: 27, figs. 122-123 (♂ terminalia). Type-locality: Mexico, Chiapas, San Cristobal de las Casas. Distr.: Mexico (Chiapas, Sinaloa). Holotype ♂, CNC.

Genus *Zygomia* Winnertz, 1863

Zygomia Winnertz, 1863: 901. Type-species, *Mycetophila vara* Staeger (Johannsen, 1909: 112). Ref.: Lane, 1951a (identification key).

- aguarensis** Lane, 1951a: 244, fig. 9 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 115 (comments on types and label data), fig. 337 (habitus). Holotype ♂, NHM.
- argentina** Lane, 1961b: 13, fig. 5 (♂ terminalia). Type-locality: Argentina, Tucumán, Lacavera. Distr.: Argentina (Tucumán). Holotype ♂, MZUSP.
- aurantiaca** Edwards, 1934: 365. Type-locality: Costa Rica, Farm La Caja, 8 km w. of San José. Distr.: Costa Rica. Holotype ♀, ZMUH.
- bicolor** Edwards, 1934: 366. Type-locality: Bolivia, Mapiri, Lorenzopata. Distr.: Bolivia, Brazil (São Paulo, Santa Catarina). Refs.: Lane, 1948: 240, fig. 3 (♂ terminalia); 1951a: 249, fig. 2 (♂ terminalia). Holotype ♀, MTD.
- brasiliانا** Lane, 1947b: 452. Type-locality: Brazil, São Paulo, Campos do Jordão. Distr.: Brazil (São Paulo, Santa Catarina). Ref.: Lane, 1951a: 241, fig. 6 (♂ terminalia). Holotype ♂, MZUSP.
- chavantesi** Lane, 1951a: 239, fig. 1 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Holotype ♂, MZUSP.
- freemani** Lane, 1951a: 248, fig. 12 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.:

- Brazil (Santa Catarina, São Paulo), Argentina (Salta). Ref.: Amorim & Oliveira, 2013: 115 (comments on types and label data), fig. 338 (habitus). Holotype ♂, NHM.
- golbachi** Lane, 1961b: 14, fig. 6 (♂ terminalia). Type-locality: Argentina, Tucumán, Lacavera. Distr.: Argentina (Tucumán). Holotype ♂, MZUSP.
- heros** Lane, 1951a: 248, fig. 13 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 115 (comments on types and label data), fig. 339 (habitus). Holotype ♂, NHM.
- herteli** Lane, 1951a: 244, fig. 10 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. . Distr.: Brazil (São Paulo, Santa Catarina). Holotype ♂, MZUSP.
- laffooni** Lane, 1951a: 246, fig. 11 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 116 (comments on types and label data), fig. 340 (habitus). Holotype ♂, NHM. [incorrect original spelling]
- modesta** Lane, 1948a: 244, figs. 11, 57 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.
- ornatipennis** Lane, 1948a: 241, figs. 5, 35, 42 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo), Argentina (Misiones). Holotype ♂, MZUSP.
- plaumanni** Lane, 1951a: 243, fig. 8 (♂ terminalia). Type-locality: Brazil, Santa Catarina, Seara, Nova Teutônia. Distr.: Brazil (Santa Catarina). Ref.: Amorim & Oliveira, 2013: 116 (comments on types and label data), fig. 341 (habitus). Holotype ♂, NHM.
- tapuiari** Lane, 1951a: 241, fig. 7 (♂ terminalia). Type-locality: Brazil, São Paulo, Salesópolis, Estação Biológica de Boracéia. Distr.: Brazil (São Paulo). Holotype ♂, MZUSP.

Questionable Mycetophilidae species

Genus *Freemanomyia* Jaschhof, 2003

Pterogymnus Freeman, 1951: 11. Type-species, *P. elongata* Freeman (orig. des.), preoccupied Smith 1938.

Freemanomyia Jaschhof, 2003: 536. Type-species, *P. elongata* Freeman (orig. des.)

Ref.: Jaschhof, 2003 (new name).

Comments. This genus is slightly divergent from other typical mycetophilids for the possession of a number of plesiomorphic features, especially in the wing venation. It was originally placed by Freeman (1951) within the Diadocidiidae, while Hennig (1954) considered that it could belong to the Bolitophilidae. Chandler's (2002) analysis point it to be sister of (Lygistorrhinidae + Mycetophilidae), while Hippa & Vilkamaa (2005) as the sister of Lygistorrhinidae. In Amorim & Rindal's (2007) study, its position varies, but always outside the Mycetophilidae. This species is for the time being included here to have it in a catalogue, but it most probably does not belong to the family.

elongata (Freeman, 1951): 12, fig. 271 (wing) (*Pterogymnus*). Type-locality: Chile, Llanquihué, Casa Pangué. Distr.: Chile (Casa Pangué). Ref.: Chandler, 2002: 129, figs. 72 (wing), 73 (head), 74-76 (♂ terminalia), 77 (♀ terminalia). Amorim & Oliveira, 2013: 14 (comments on types and label data). Holotype ♀, NHM.

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