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A catalogue of the family Platygasteridae (Platygastridae) of the Malagasy subregion. Part I: Subfamilies Platygasterinae and Sceliotrachelinae (Insecta: Hymenoptera)

Michael MADL

A b s t r a c t : In the Malagasy subregion the subfamily Platygasterinae is represented by five genera: *Euxestonotus* FOUTS, 1925 (one species), *Inostemma* HALIDAY, 1833 (three species), *Leptacis* FOERSTER, 1856 (15 species), *Platygaster* LATREILLE, 1805 (11 species) and *Synopeas* FOERSTER, 1856 (7 species). Two genera are known from the subfamily Sceliotrachelinae: *Allotropa* FOERSTER, 1856 (one species) and *Parabaeus* KIEFFER, 1910 (one species).

Key words : Platygasteridae, Platygasterinae, Sceliotrachelinae, catalogue, Malagasy subregion.

Introduction

Currently the family Platygasteridae is divided in five subfamilies: Platygasterinae, Scelioninae, Sceliotrachelinae, Teleasinae and Telenominae. All subfamilies are recorded from the Malagasy subregion, but in the present paper a catalogue is provided only for Platygasterinae and Sceliotrachelinae.

Hitherto five genera and 37 species of Platygasterinae and two genera and two species of Sceliotrachelinae have been recorded from the Malagasy subregion. Species of the subfamily Platygasterinae are parasitoids of Cecidomyiidae (Diptera) and the hosts of Sceliotrachelinae are Coleoptera (e.g. Cerambycidae, Curculionidae) or Hemiptera (Homoptera: e.g. Flatidae, Pseudococcidae). Only few host records from the Malagasy subregion are cited in the scientific literature, but the hosts are not identified to species level.

How to use the catalogue

The systematic part of the catalogue is organized alphabetically. Subgenera are in brackets. Misidentifications and synonyms are marked with an asterisk (*) and printing errors with an exclamation mark (!). Only genera described from the Malagasy subregion are mentioned under synonyms of that genus and the number of valid species is also restricted to the Malagasy subregion.

As the countries of the Malagasy subregion consists of several islands or island groups,

they are listed under the name of the country. The islands belonging to France are cited under Réunion except Mayotte. The known records from Madagascar including islands are listed province by province from North to South and old names or misspellings are in brackets.

Abbreviations

biol.	biology
cat.	catalogue
descr.	description
ed. (eds)	editor (editors)
fig. (figs)	figure (figures)
MNHN	Muséum National d'Histoire Naturelle, Paris
pl. (pls)	plate (plates)
syn.	synonym
tax.	taxonomy
typ. gen.	typus generis

Annotated catalogue

Subfamily *Platygasterinae*

Genus *Euxestonotus* FOUTS, 1925

Description: FOUTS 1925: 98.

Typus generis: *Platygaster error* FITCH, 1865.

Distribution: All zoogeographical regions.

Valid species: 1.

Euxestonotus michaeli BUHL, 2015

Euxestonotus michaeli nov.sp.: BUHL 2015: 314 (descr. ♀, biol., Madagascar), 330 (figs 1-3).

Distribution: Madagascar: Prov. Toamasina: Masoala National Park (S Ambanizana).

Endemic.

Genus *Inostemma* HALIDAY, 1833

Description: HALIDAY 1833: 270.

Typus generis: *Psilus boscii* JURINE, 1807.

Distribution: All zoogeographical regions.

Valid species: 3.

Inostemma ambulobei (RISBEC, 1955)

Trisinostemma ambulobei nov.sp.: RISBEC 1955: 114 (descr. ♂, biol., Madagascar), 115 (figs 3a-c).

Inostemma ambulobei (RISBEC, 1955): MASNER & HUGGERT 1989: 75 (tax., cat.).

Inostemma ambulobei (RISBEC, 1955): VLUG 1995: 27 (cat.).

Inostemma ambilobei (RISBEC, 1955): NOTTON 2010: 19 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Inostemma ambilobei (RISBEC, 1955): BUHL 2011: 79 (key).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Ambilobe.

Endemic.

***Inostemma sylvaticum* (RISBEC, 1953)**

Brachynostemma (!) *sylvatica* (!) nov.sp.: RISBEC 1953: 344 (descr. ♂ ♀, biol., Madagascar), 345 (figs 29-33).

Brachynostemma (!) *sylvatica* (!) RISBEC, 1953: PAULIAN DE FELICE 1962: 11 (biol., Madagascar), 48 (biol., Madagascar), 66 (biol., Madagascar).

Inostemma sylvaticum (RISBEC, 1953): VLUG 1995: 31 (tax., cat.), 97 (host-parasite cat.).

Inostemma sylvaticum (RISBEC, 1953): NOTTON 2010: 5 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

H o s t : *Lasioptera* sp. (Diptera: Cecidomyiidae).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Ambatoloana, Mandraka, Manjakatampo.

Endemic.

***Inostemma transversiceps* BUHL, 2015**

Inostemma transversiceps nov.sp.: BUHL 2015: 315 (descr. ♂ ♀, biol., Madagascar), 330 (fig. 4).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Tanikely.

Endemic.

Genus *Leptacis* FOERSTER, 1856

Description: FOERSTER 1856: 107, 112.

Typus generis: *Ichneumon tipulae* KIRBY, 1798.

Synonym: *Mandraka* RISBEC, 1953

Description: RISBEC 1953: 343.

Typus generis: *Mandraka pauliani* RISBEC, 1953.

Distribution: All zoogeographical regions.

Valid species: 15.

***Leptacis ambrensis* MASNER, 1960**

Leptacis (*Leptacis*) *ambrensis* nov.sp.: MASNER 1960: 2 (cat.), 6 (tax.), 9 (key), 23 (descr. ♂, Madagascar).

Leptacis ambrensis MASNER, 1960: VLUG 1995: 35 (cat.).

Leptacis ambrensis MASNER, 1960: NOTTON 2010: 7 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis ambrensis MASNER, 1960: BUHL 2011: 80 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Montagne d'Ambre.

Endemic.

***Leptacis flavosignata* (KIEFFER, 1912)**

Amblyaspis flavosignatus nov.sp.: KIEFFER 1912: 78 (key, descr. ♂, fig. 5, Seychelles).

Prosamblyaspis flavosignata (KIEFFER, 1912): KIEFFER 1926: 610 (tax., typ. gen., descr. ♂, fig. 248, Seychelles), 883 (cat.).

Prosamblyaspis flavosignatus (KIEFFER, 1912): MUESEBECK & WALKLEY 1956: 391 (cat. typ. gen.).

Leptacis flavosignata (KIEFFER, 1912): MASNER 1965: 134 (tax., Seychelles).

Prosamblyaspis flavosignata (KIEFFER, 1912): SUNDHOLM 1970: 392 (cat.).

Leptacis flavosignata (KIEFFER, 1912): VLUG 1995: 36 (cat.).

Amblyaspis flavosignatus KIEFFER, 1912: GERLACH, MATYOT & SAARISTO 1997: 28 (cat. Seychelles (Silhouette)).

Leptacis flavosignata (KIEFFER, 1912): BUHL 2011: 80 (tax.).

Leptacis flavosignata (KIEFFER, 1912): MADL 2013: 237 (cat. Seychelles).

Leptacis flavosignata (KIEFFER, 1912): GERLACH 2013: 366 (red list Seychelles).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Silhouette).

Endemic.

***Leptacis humifusa* BUHL, 2015**

Leptacis humifusa nov.sp.: BUHL 2015: 316 (descr. ♀, biol., Madagascar), 330 (figs 5-7).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe.

Endemic.

***Leptacis insularis* MASNER, 1960**

Leptacis (Leptacis) insularis nov.sp.: MASNER 1960: 2 (cat.), 6 (tax.), 12 (key), 23 (descr. ♂, Glorieuses).

Leptacis insularis MASNER, 1960: VLUG 1995: 36 (cat.).

Leptacis insularis MASNER, 1960: NOTTON 2010: 7 (tax., Glorieuses, type cat. MNHN), 20 (type cat. MNHN).

Leptacis insularis MASNER, 1960: BUHL 2011: 81 (key).

Leptacis insularis MASNER, 1960: MADL 2015: 33 (cat. Agalega).

D i s t r i b u t i o n : Réunion: Glorieuses.

Endemic. *Leptacis insularis* is not mentioned in PARNAUDEAU & MADL (2009).

***Leptacis longispinula* MASNER, 1960**

Leptacis (Leptacis) longispinula nov.sp.: MASNER 1960: 3 (cat.), 6 (tax.), 9 (key), 21 (descr. ♂, Madagascar).

Leptacis longispinula MASNER, 1960: VLUG 1995: 37 (cat.).

Leptacis longispinula MASNER, 1960: NOTTON 2010: 7 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis longispinula MASNER, 1960: BUHL 2011: 79 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Manjakatombo.

Endemic.

***Leptacis madagascariensis* BUHL, 2015**

Leptacis madagascariensis nov.sp.: BUHL 2015: 317 (descr. ♂ ♀, Madagascar), 330 (figs 8-11).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Ampasikibo (6 km SSW Analamisampy).

Endemic.

***Leptacis maritima* BUHL, 2015**

Leptacis maritima nov.sp.: BUHL 2015: 318 (descr. ♀, biol., Madagascar), 330 (figs 12, 13).

Distribution: Madagascar: Prov. Toamasina: Masoala National Park (S Ambanizana).

Endemic.

***Leptacis nana* MASNER, 1960**

Leptacis (Leptacis) nana nov.sp.: MASNER 1960: 3 (cat.), 12 (key), 24 (descr. ♀, Madagascar).

Leptacis nana MASNER, 1960: VLUG 1995: 37 (cat.).

Leptacis nana MASNER, 1960: NOTTON 2010: 7 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis nana MASNER, 1960: BUHL 2011: 81 (key).

Distribution: Madagascar: Prov. Antsiranana: Nosy Komba.

Endemic.

***Leptacis oculata* MASNER, 1960**

Leptacis (Leptacis) oculata nov.sp.: MASNER 1960: 3 (cat.), 6 (tax.), 8 (key), 14 (descr. ♂, Madagascar), 30 (fig. 18), 31 (fig. 19), 33 (fig. 46).

Leptacis oculata MASNER, 1960: VLUG 1995: 38 (cat.).

Leptacis oculata MASNER, 1960: NOTTON 2010: 8 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis oculata MASNER, 1960: BUHL 2011: 80 (key).

Distribution: Madagascar: Prov. Antsiranana: Montagne d'Ambre – Prov. Fianarantsoa: Ambositra.

Endemic.

***Leptacis pauliani* (RISBEC, 1953)**

Mandraka pauliani nov.sp.: RISBEC 1953: 331 (figs 14, 16), 334 (fig. 22, 23, 25), 343 (typ. gen., descr. ♀, Madagascar), 345 (fig. 34).

Mandraka pauliani Risbec, 1953: MUESEBECK & WALKLEY 1956: 367 (cat. typ. gen.).

Leptacis (Mandraka) pauliani (RISBEC, 1953): MASNER 1960: 2 (tax.), 3 (cat.), 4 (tax.), 6 (tax.), 8 (key), 10 (key), 13 (tax., descr. ♂, Madagascar), 30 (fig. 14), 32 (figs 34, 35), 33 (figs 45, 47, 48), 34 (fig. 56).

Leptacis pauliani (RISBEC, 1953): VLUG 1995: 38 (cat.), 99 (host-parasite cat.).

Leptacis pauliani (RISBEC, 1953): NOTTON 2010: 9 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis pauliani (RISBEC, 1953): BUHL 2011: 80 (key).

Distribution: Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

***Leptacis piloscutellata* BUHL, 2015**

Leptacis piloscutellata nov.sp.: BUHL 1960: 319 (descr. ♂, biol., Madagascar), 330 (figs 14-16).

Distribution: Madagascar: Prov. Toamasina: Andasibe.

Endemic.

***Leptacis pumilio* MASNER, 1960**

Leptacis (Leptacis) pumilio nov.sp.: MASNER 1960: 3 (cat.), 9 (key), 20 (descr. ♂, Madagascar).

Leptacis pumilio MASNER, 1960: VLUG 1995: 38 (cat.).

Leptacis pumilio MASNER, 1960: NOTTON 2010: 8 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis pumilio MASNER, 1960: BUHL 2011: 80 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Fampanambo.

Endemic.

***Leptacis risbeci* MASNER, 1960**

Leptacis (Mandraka) risbeci nov.sp.: MASNER 1960: 3 (cat.), 4 (tax.), 6 (tax.), 11 (key), 22 (descr. ♀, Réunion), 30 (fig. 1), 32 (fig. 31).

Leptacis (Mandraka) risbeci MASNER, 1960: VLUG 1995: 38 (cat.).

Leptacis risbeci MASNER, 1960: NOTTON 2010: 9 (tax., Réunion, type cat. MNHN), 20 (type cat. MNHN).

Leptacis risbeci MASNER, 1960: BUHL 2011: 81 (key).

**Mandraka pauliani* RISBEC, 1953: RISBEC 1957: 327 (fig. 3c), 332 (tax., Réunion).

D i s t r i b u t i o n : Réunion: Rempart de Bélouve.

Endemic.

***Leptacis seyrigi* MASNER, 1960**

Leptacis (Leptacis) seyrigi nov.sp.: MASNER 1960: 3 (cat.), 6, 8 (key), 12 (descr. ♂, Madagascar), 30 (fig. 17), 32 (fig. 33).

Leptacis seyrigi MASNER, 1960: VLUG 1995: 38 (cat.).

Leptacis seyrigi MASNER, 1960: NOTTON 2010: 9 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis seyrigi MASNER, 1960: BUHL 2011: 79 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

***Leptacis xestonota* MASNER, 1960**

Leptacis (Leptacis) xestonota nov.sp.: MASNER 1960: 3 (cat.), 6 (tax.), 8 (key), 15 (descr. ♂, Madagascar), 30 (fig. 5), 32 (fig. 32), 34 (fig. 52).

Leptacis xestonota MASNER, 1960: VLUG 1995: 39 (cat.).

Leptacis xestonota MASNER, 1960: NOTTON 2010: 9 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Leptacis xestonota MASNER, 1960: BUHL 2011: 80 (key).

D i s t r i b u t i o n : Madagascar: Prov. Fianarantsoa: Ambositra.

Endemic.

***Leptacis* sp.**

Leptacis sp.: WILLIAMS 1951 **not seen**

Leptacis sp.: WILLIAMS 1958: 120 (cat. Mauritius).

Leptacis sp.: WILLIAMS 1974: 11 (host-parasite cat. Mauritius).

Leptacis sp.: WILLIAMS 1980: 11 (host-parasite cat. Mauritius).

Leptacis sp.: GANESHAN & WILLIAMS 2001: 15 (host-parasite cat. Mauritius).

H o s t : *Trichoplusia orichalcea* (FABRICIUS, 1775) (Lepidoptera: Noctuidae).

D i s t r i b u t i o n : Mauritius: Mauritius.

The host record is an error.

Genus *Platygaster* LATREILLE, 1809

Description: LATREILLE 1809: 31.

Typus generis: *Scelio ruficornis* LATREILLE, 1805.

Distribution: All zoogeographical regions.

Valid species: 11.

***Platygaster ambositrensis* RISBEC, 1955**

Platygaster ambositrensis nov.sp.: RISBEC 1955: 110 (key), 113 (descr. ♀, figs 2a, b, biol., Madagascar).

Platygaster ambositrensis RISBEC, 1955: SUNDHOLM 1970: 394 (cat.).

Platygaster ambositrensis RISBEC, 1955: VLUG 1995: 47 (cat.).

Platygaster ambositrensis RISBEC, 1955: NOTTON 2010: 11 (tax., Madagascar, type cat. MNHN), 20 (type cat. MNHN).

Platygaster ambositrensis RISBEC, 1955: BUHL 2011: 97 (key).

D i s t r i b u t i o n : Madagascar: Prov. Fianarantsoa: Ambositra.

Endemic.

***Platygaster dombeyae* RISBEC, 1953**

Platygaster dombeyae nov.sp.: RISBEC 1953: 336 (fig. 29), 339 (descr. ♂ ♀, biol., Madagascar).

Platygaster dombeyae RISBEC, 1953: RISBEC 1955: 110 (key).

Platygaster dombeyae RISBEC, 1953: PAULIAN DE FELICE 1962: 18 (biol., Madagascar).

Platygaster dombeyae RISBEC, 1953: SUNDHOLM 1970: 394 (cat.).

Platygaster dombeyae RISBEC, 1953: VLUG 1995: 52 (cat.), 104 (host-parasite cat.).

Platygaster dombeyae RISBEC, 1953: NOTTON 2010: 12 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).

Platygaster dombeyae RISBEC, 1953: BUHL 2011: 97 (key).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe (Perinet), Anosibe.

Endemic.

***Platygaster grandidieri* BUHL, 2015**

Platygaster grandidieri nov.sp.: BUHL 2015: 321 (descr. ♀, biol., Madagascar), 331 (figs. 19-21).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe.

Endemic.

***Platygaster madagascariensis* BUHL, 2015**

Platygaster madagascariensis nov.sp.: BUHL 2015: 332 (descr. ♂ ♀, biol., Madagascar), 331 (figs 22-25).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Mangabe.

Endemic.

***Platygaster mahensis* KIEFFER, 1912**

Platygaster mahensis nov.sp.: KIEFFER 1912: 79 (key, descr. ♀, Seychelles).
Platygaster mahensis KIEFFER, 1912: KIEFFER 1926: 768 (key), 832 (tax., descr. ♀, Seychelles).
Platygaster mahensis KIEFFER, 1912: RISBEC 1950: 619 (key).
Platygaster mahensis KIEFFER, 1912: RISBEC 1955: 110 (key).
Platygaster mahensis KIEFFER, 1912: MASNER 1965: 137 (tax., Seychelles).
Platygaster mahensis KIEFFER, 1912: SUNDHOLM 1970: 394 (cat.).
Platygaster mahensis KIEFFER, 1912: VLUG 1995: 57 (cat.).
Platygaster mahensis KIEFFER, 1912: BUHL 2011: 99 (key).
Platygaster mahensis KIEFFER, 1912: MADL 2013: 237 (cat. Seychelles).
Platygaster mahensis KIEFFER, 1912: GERLACH 2013: 366 (red list Seychelles).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Mahé).

Endemic.

***Platygaster mandrakae* RISBEC, 1955**

Platygaster mandrakae nov.sp.: RISBEC 1955: 110 (key), 111 (descr. ♂ (not ♀), fig. 1b, biol., Madagascar).
Platygaster mandrakae RISBEC, 1955: SUNDHOLM 1970: 394 (cat.).
Platygaster mandrakae RISBEC, 1955: VLUG 1995: 58 (cat.).
Platygaster mandrakae RISBEC, 1955: NOTTON 2010: 14 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).
Platygaster mandrakae RISBEC, 1955: BUHL 2011: 96 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

***Platygaster maroantsetrensis* BUHL, 2015**

Platygaster maroantsetrensis nov.sp.: BUHL 2015: 324 (descr. ♀, biol., Madagascar), 331 (figs 26, 27).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Maroantsetra.

Endemic.

***Platygaster pauliani* RISBEC, 1953**

Platygaster pauliani nov.sp.: RISBEC 1953: 331 (fig. 17), 334 (descr. ♂ ♀, biol., Madagascar), 336 (fig. 26-28).
Platygaster pauliani RISBEC, 1953: RISBEC 1955: 110 (key, tax., biol. Madagascar).
Platygaster pauliani RISBEC, 1953: PAULIAN DE FELICE 1962: 13 (biol., Madagascar), 14 (biol., Madagascar), 20 (biol., Madagascar), 23 (biol., Madagascar), 64 (biol., Madagascar).
Platygaster pauliani RISBEC, 1953: SUNDHOLM 1970: 394 (cat.).
Platygaster pauliani RISBEC, 1953: VLUG 1995: 61 (cat.), 108 (host-parasite cat.).
Platygaster pauliani RISBEC, 1953: NOTTON 2010: 15 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).
Platygaster pauliani RISBEC, 1953: BUHL 2011: 98 (key).

H o s t : ? *Contarinia* sp. (Diptera: Cecidomyiidae) – Thysanoptera.

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Mount Maromokotro (Tsaratanana) – Prov. Antananarivo: near Antananarivo (common), Mandraka, Manjakatempo, Mantsoa, Tsinjoarivo – Prov. Toamasina: Anosibe.

Known from the Afrotropical region. The host record Thysanoptera is an error.

***Platygaster perineti* RISBEC, 1953**

Platygaster perineti nov.sp.: RISBEC 1953: 330 (descr. ♀, biol., Madagascar), 331 (fig. 13), 332 (fig. 18), 334 (fig. 24).

Platygaster perineti RISBEC, 1953: RISBEC 1955: 109 (key).

Platygaster perineti RISBEC, 1953: PAULIAN DE FELICE 1962: 39 (biol., Madagascar).

Platygaster perineti RISBEC, 1953: SUNDHOLM 1970: 394 (cat.).

Platygaster perineti RISBEC, 1953: VLUG 1995: 62 (cat.), 108 (host-parasite cat.).

Platygaster perineti RISBEC, 1953: NOTTON 2010: 16 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).

Platygaster perineti RISBEC, 1953: BUHL 2011: 97 (key).

H o s t : Cecidomyiidae (Diptera).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Antananarivo, Mandraka, Route de Toamasina (km 23, 26) – Prov. Toamasina: Andasibe (Perinet).

Endemic.

***Platygaster philippiae* RISBEC, 1953**

Platygaster philippiae nov.sp.: RISBEC 1953: 338 (descr. ♀, biol., Madagascar).

Platygaster philippiae RISBEC, 1953: RISBEC 1955: 110 (key), 113 (biol., Madagascar).

Platygaster philippiae RISBEC, 1953: PAULIAN DE FELICE 1962: 7 (biol., Madagascar), 49 (biol., Madagascar).

Platygaster philippiae RISBEC, 1953: SUNDHOLM 1970: 394 (cat.).

Platygaster philippiae RISBEC, 1953: VLUG 1995: 62 (cat.), 108 (host-parasite cat.).

Platygaster philippiae RISBEC, 1953: NOTTON 2010: 17 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).

Platygaster philippiae RISBEC, 1953: BUHL 2011: 97 (key).

H o s t : *Cecidomyia* sp. (Diptera: Cecidomyiidae).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Mount Maromokotro (Tsaratanana) – Prov. Antananarivo: Ambatoloana, Antananarivo – Prov. Fianarantsoa: Ambositra.

Endemic.

***Platygaster risbeciana* BUHL, 2015**

Platygaster risbeciana nov.sp.: BUHL 2015: 324 (descr. ♂ ♀, biol., Madagascar), 331 (figs 28-32).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe.

Endemic.

Genus *Synopeas* FOERSTER, 1856

Description: FOERSTER 1856: 108, 114.

Typus generis: *Synopeas inermis* THOMSON, 1859.

Distribution: All zoogeographical regions.

Valid species: 7.

***Synopeas ambrense* BUHL, 2015**

Synopeas ambrense nov.sp.: BUHL 2015: 326 (descr. ♀, Madagascar), 331 (figs. 33-35).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Montagne d'Ambre National Park (camping ground).

Endemic.

***Synopeas bifoventum* (KIEFFER, 1912)**

Amblyaspis bifoventus nov.sp.: KIEFFER 1912: 78 (key), 79 (descr. ♀, Seychelles).
Synopeas bifoventus (KIEFFER, 1912): KIEFFER 1926: 668 (key), 689 (tax., descr. ♀, Seychelles).
Synopeas bifoventus (KIEFFER, 1912): MASNER 1960: 2 (tax.).
Synopeas bifoventus (KIEFFER, 1912): MASNER 1965: 140 (tax., Seychelles).
Synopeas bifoventus (KIEFFER, 1912): VLUG 1995: 76 (cat.).
Synopeas bifoventus (KIEFFER, 1912): SUNDHOLM 1970: 388 (cat.).
Synopeas bifoventus (KIEFFER, 1912): BUHL 2011: 108 (tax.).
Synopeas bifoventus (KIEFFER, 1912): MADL 2013: 237 (cat. Seychelles).
Synopeas bifoventus (KIEFFER, 1912): GERLACH 2013: 366 (red list Seychelles).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Mahé).

Endemic.

***Synopeas madagascariense* (RISBEC, 1953)**

Sactogaster madagascariensis n.sp.: RISBEC 1953: 331 (fig. 15), 332 (figs 20, 21), 340 (descr. ♂ ♀, biol., Madagascar).
Synopeas madagascariensis (RISBEC, 1953): VLUG 1995: 79 (cat.), 113 (host-parasite cat.).
Synopeas (Sactogaster) madagascariensis (!) (RISBEC, 1953): BUHL 1998: 268 (tax.).
Synopeas madagascariense (RISBEC, 1953): NOTTON 2010: 19 (tax., Madagascar, type cat. MNHN), 21 (type cat. MNHN).
Synopeas madagascariense (RISBEC, 1953): BUHL 2011: 108 (key).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

***Synopeas pauliani* (RISBEC, 1957)**

Leptacis pauliani nov.sp.: RISBEC 1957: 329 (descr. ♀, Réunion), 330 (figs 4a-e).
Synopeas pauliani (RISBEC, 1957): MASNER 1960: 2 (tax.).
Synopeas pauliani (RISBEC, 1957): SUNDHOLM 1970: 388 (cat.).
Synopeas pauliani (RISBEC, 1957): NOTTON 2010: 8 (tax., Réunion, type cat. MNHN), 21 (type cat. MNHN).
Synopeas pauliani (RISBEC, 1957): BUHL 2011: 109 (key).

D i s t r i b u t i o n : Réunion: Rempart de Bélouve.

Endemic. *Leptacis pauliani* RISBEC, 1957 is a junior homonym of *Leptacis pauliani* (RISBEC, 1953). *Synopeas pauliani* is not mentioned in VLUG (1995).

***Synopeas popovicii* BUHL, 2015**

Synopeas popovicii nov.sp.: BUHL 2015: 327 (descr. ♀, biol., Madagascar), 331 (figs 36-38).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe.

Endemic.

***Synopeas rajaonarimampianinai* BUHL, 2015**

Synopeas rajaonarimampianinai nov.sp.: BUHL 2015: 328 (descr. ♀, biol., Madagascar), 331 (figs 39, 40).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe.

Endemic.

***Synopeas seychellensis* (KIEFFER, 1912)**

Platygaster seychellensis nov.sp.: KIEFFER 1912: 79 (key, descr. ♀, Seychelles).

Platygaster seychellensis KIEFFER, 1912: KIEFFER 1926: 768 (key), 832 (tax., descr. ♀ Seychelles).

Platygaster seychellensis KIEFFER, 1912: RISBEC 1950: 619 (key).

Platygaster seychellensis KIEFFER, 1912: RISBEC 1955: 110 (key).

Synopeas seychellensis (KIEFFER, 1912): MASNER 1965: 142 (tax., Seychelles).

Platygaster seychellensis KIEFFER, 1912: SUNDHOLM 1970: 394 (cat.).

Synopeas seychellensis (KIEFFER, 1912): VLUG 1995: 82 (cat.).

Platygaster seychellensis KIEFFER, 1912: GERLACH, MATYOT & SAARISTO 1997: 28 (cat. Seychelles (Silhouette)).

Synopeas seychellensis (KIEFFER, 1912): VLUG 2011: 110 (key).

Synopeas seychellensis (KIEFFER, 1912): MADL 2013: 237 (cat. Seychelles).

Synopeas seychellensis (KIEFFER, 1912): GERLACH 2013: 366 (red list Seychelles).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Silhouette).

Endemic.

Subfamily Sceliotrachelinae

Genus *Allotropa* FOERSTER, 1856

Description: FOERSTER 1856: 106, 109.

Typus generis: *Inostemma mecrida* WALKER, 1835.

Distribution: All zoogeographical regions.

Valid species: 1.

***Allotropa pauliani* RISBEC, 1955**

Allotropa Pauliani nov.sp.: RISBEC 1955: 111 (figs 1a, c), 117 (descr. ♂ ♀, biol., Madagascar).

Allotropa pauliani RISBEC, 1955: MASNER & HUGGERT 1989: 47 (cat.).

Allotropa pauliana (!) RISBEC, 1955: VLUG 1995: 12 (cat.).

Allotropa pauliani RISBEC, 1955: NOTTON 2010: 5 (tax., Madagascar, type cat. MNHN), 19 (tax., type cat. MNHN).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

Genus *Parabaeus* KIEFFER, 1910

Description: KIEFFER 1910: 294.

Typus generis: *Parabaeus ruficornis* KIEFFER, 1910.

Distribution: All zoogeographical regions except Palaearctic region.

Valid species: 1.

***Parabaeus ruficornis* KIEFFER, 1910**

Parabaeus ruficornis nov.sp.: KIEFFER 1910: 294 (typ. gen., descr., Seychelles).

Parabaeus ruficornis n.sp.: KIEFFER 1912: 53 (descr. ♀, Seychelles), pl. 2 (fig. 3).

Parabaeus ruficornis KIEFFER, 1910: KIEFFER 1926: 133 (tax., descr. ♀, fig. 75, Seychelles).

Parabaeus ruficornis KIEFFER, 1912: SCOTT 1933: 343 (tax.).

Parabaeus ruficornis KIEFFER, 1910: MUESEBECK & WALKLEY 1956: 379 (cat. typ. gen.).

Parabaeus ruficornis KIEFFER, 1910: MASNER 1965: 86 (tax., Seychelles).

Parabaeus ruficornis KIEFFER, 1910: MASNER 1976: 67 (tax.).

- Parabaeus ruficornis* KIEFFER, 1910: MASNER & HUGGERT 1989: 96 (tax.), 214 (fig. 257).
Parabaeus ruficornis KIEFFER, 1910: AUSTIN 1990: 649 (key), 651 (fig. 7), 652 (figs 10, 11), 653 (fig. 17), 654 (tax., descr. ♂, Seychelles), 656 (figs 20, 25).
Parabaeus ruficornis KIEFFER, 1912: VLUG 1995: 44 (cat.).
Parabaeus ruficornis KIEFFER, 1912: MADL 2013: 237 (cat. Seychelles).
Parabaeus ruficornis KIEFFER, 1912: GERLACH 2013: 366 (red list Seychelles).

Distribution: Seychelles: Inner Seychelles (Mahé).

Endemic.

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Zusammenfassung

In der Madegassis ist die Unterfamilie Platygastriinae mit fünf Gattungen vertreten: *Euxestonotus* FOUTS (eine Art), *Inostemma* HALIDAY, 1833 (drei Arten), *Leptacis* FOERSTER, 1856 (15 Arten), *Platygaster* LATREILLE, 1805 (11 Arten) und *Synopeas* FOERSTER, 1856 (sieben Arten). Von der Unterfamilie Sceliotrachelinae sind zwei Gattungen mit je einer Art nachgewiesen: *Allotropia* FOERSTER, 1856 und *Parabaeus* KIEFFER, 1910.

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Author's address: Michael MADL
 2. Zoologische Abteilung
 Naturhistorisches Museum
 Burgring 7
 1010 Wien, Austria
 E-mail: michael.madl@nhm-wien.ac.at