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A Catalogue of the Vespidae of the Malagasy Subregion (Insecta, Hymenoptera)

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A b s t r a c t : We record 120 species and four subspecies of the family Vespidae from the Malagasy Subregion. The subfamily Eumeninae is represented by 44 species and four subspecies in 21 genera and the subfamily Polistinae by 67 species in three genera. The generic position of nine species is still unknown. New records for the islands of the southwest Indian Ocean are provided. *Odynerus farquharensis* CAMERON 1907 is transferred to the genus *Knemodynerus* BLÜTHGEN 1940 and *Epiodynerus grandidieri limbatulus* GIORDANI SOIKA 1991 to the genus *Anterhynchium* de SAUSSURE 1863, new combinations.

Key words : Vespidae, Malagasy Subregion, catalogue, taxonomy, new records.

Introduction

The Malagasy Subregion consists of a number of islands of quite different origins. Madagascar and the Seychelles (Inner Seychelles) are continental, while other islands are oceanic islands of volcanic (Comoros, Mayotte, Réunion, Mauritius, Rodrigues) or coralline origin (e. g. Aldabra, Amirantes, Agalega). These islands moreover show a greater range of ages than most other island regions. This diversity of islands, and the complex effects of land separation, emergence and habitat isolation, is responsible for an extraordinary biodiversity in the region, which is both largely endemic and highly threatened (habitat loss, invasive species). Inventory of the biota is an urgent priority, but is hampered by the scattered literature in many taxa. The wasp family Vespidae exemplifies these points. Madagascar is notable for a high concentration of the social wasp genera *Belonogaster* de SAUSSURE 1854 and *Ropalidia* GUÉRIN-MÉNEVILLE 1831 and these taxa have received considerable attention, as documented herein. But the solitary wasps of the subfamily Eumeninae have never seen a comprehensive treatment, and this is by far the most diverse part of the Vespidae worldwide.

The aim of this catalogue is to bring together all the fragmentary literature on the family, thereby providing a summary that can serve as the basis for future progress in the knowledge of the group. In addition scientists should consult the catalogue of the Ethiopian Eumeninae compiled by Carpenter, Gusenleitner and Madl, of which the first part has already been published (CARPENTER et al. 2009).

¹ This paper is dedicated to Josef Gusenleitner on the occasion of his 80th birthday, in thanks for collaboration over many years.

How to use the catalogue

The catalogue is organized alphabetically. Subgenera are in brackets. Synonyms, misidentifications and identifications to genus level are marked with an asterisk. Printing errors are marked (!).

The islands belonging to France are mentioned under Réunion (e.g. Réunion, Glorieuses) with the exception of Mayotte.

Abbreviations and acronyms

app.....	appendix
biol.	biology
cat.....	catalogue
descr.	description
distr.	distribution
ed. (eds).....	editor (editors)
fig. (figs)	figure (figures)
MSIRI	Mauritius Sugar Industry Research Institute, Mauritius
NHMW	Naturhistorisches Museum Wien, Austria
pl. (pls)	plate (plates)
Prov.....	Province
sen. syn.....	senior synonym
syn.....	synonym
tax.	taxonomy
typ. gen.....	typus generis
typ. subgen.	typus subgeneris

Annotated catalogue

Subfamily E u m e n i n a e

Genus *Alastor* LEPELETIER de SAINT-FARGEAU 1841

Description: LEPELETIER de SAINT-FARGEAU 1841: 668.

Typus generis: *Alastor atropos* LEPELETIER de SAINT-FARGEAU 1841.

Subgenus: *Alastorellus* GIORDANI SOIKA 1991.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 2.

Alastor madecassus GIORDANI SOIKA 1991

Alastor (Alastorellus) madecassus n.sp.: GIORDANI SOIKA 1991b: 52 (key), 53 (descr. ♂ ♀, Madagascar).

Alastor (Alastorellus) madecassus GIORDANI SOIKA 1991: BORSATO & RATTI 1999: 83 (cat.).

Distribution: Madagascar: Prov. Toliara: Bekily, Beza Mahafaly Special Reserve.

Endemic.

***Alastor nigroflavus* GIORDANI SOIKA 1991**

Alastor (Alastorellus) nigroflavus n.sp.: GIORDANI SOIKA 1991b: 52 (key), 54 (descr. ♀, Madagascar).

Alastor (Alastorellus) nigroflavus GIORDANI SOIKA 1991: BORSATO & RATTI 1999: 87 (cat.).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Bekily.

Endemic.

Genus *Antepipona* de SAUSSURE 1855

Description: de SAUSSURE 1855: 244.

Typus generis: *Odynerus silaos* de SAUSSURE 1853.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 4.

***Antepipona declarata* GIORDANI SOIKA 1991**

Antepipona declarata n.sp.: GIORDANI SOIKA 1991a: 80 (descr. ♀, Madagascar).

Antepipona declarata GIORDANI SOIKA 1991: BORSATO & RATTI 1999: 83 (cat.).

Antepipona declarata GIORDANI SOIKA 1991: GUSENLEITNER 2000: 925 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Mahajanga: Ankarafantsika.

Endemic.

***Antepipona hova* (de SAUSSURE 1900)**

Odynerus hova n.sp.: de SAUSSURE 1900: 237 (key), 238 (descr. ♂ ♀, Madagascar).

Odynerus hova de SAUSSURE 1900: von DALLA TORRE 1904: 47 (cat.).

Odynerus (Rygdium) hova de SAUSSURE 1900: BEQUAERT 1918: 302 (cat.).

Odynerus hova de SAUSSURE 1900: GIORDANI SOIKA 1941: 171 (key, tax., descr. ♂ ♀, fig. 10.2, Madagascar).

Antepipona hova (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 80 (tax., Madagascar).

Antepipona hova (de SAUSSURE 1900): BORSATO 1999: 108 (Madagascar).

Antepipona hova (de SAUSSURE 1900): GUSENLEITNER 2000: 925 (Madagascar).

Antepipona hova (de SAUSSURE 1900): GUSENLEITNER 2004: 1078 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Be – Prov. Mahajanga: Ankarafantsika, near Mahajanga – Prov. Antananarivo: Ambatoloana, Antananarivo, Antsirabe, 4 km W Mandraka – Prov. Toamasina: Anivorano, Tampina – Prov. Toliara: Behara, Bekily, Berenty Reserve, Bevilany, Fort-Dauphin, Tongobory, Zombitsy Forest.

Endemic.

***Antepipona lemuriensis* (GIORDANI SOIKA 1941)**

Odynerus lemuriensis n.sp.: GIORDANI SOIKA 1941: 170 (key, descr. ♂ ♀, Madagascar), 171 (fig. 10.6).

Odynerus lemuriensis GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 25 (tax., Madagascar).

Antepipona lemuriensis (GIORDANI SOIKA 1941): GIORDANI SOIKA 1991a: 81 (tax.).

Antepipona lemuriensis (GIORDANI SOIKA 1941): BORSATO & RATTI 1999: 82 (cat.).

Antepipona lemuriensis (GIORDANI SOIKA 1941): BORSATO 1999: 107 (Madagascar).

Antepipona lemuriensis (GIORDANI SOIKA 1941): GUSENLEITNER 2000: 925 (Madagascar).

Distribution: Madagascar: Prov. Fianarantsoa: Isalo National Park – Prov. Toliara: 22 km E Ampanihy, Bekily, 20 km W Tsiombe.

Endemic.

***Antepipona seyrigi* (GIORDANI SOIKA 1941)**

Odynerus seyrigi n.sp.: GIORDANI SOIKA 1941: 171 (fig. 10.1), 172 (key, descr. ♂ ♀, Madagascar).

Odynerus seyrigi GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 25 (tax., Madagascar).

Antepipona seyrigi (GIORDANI SOIKA 1941): GIORDANI SOIKA 1991a: 80 (tax., Madagascar).

Antepipona seyrigi (GIORDANI SOIKA 1941): BORSATO & RATTI 1999: 94 (cat.).

Antepipona seyrigi (GIORDANI SOIKA 1941): BORSATO 1999: 108 (Madagascar).

Antepipona seyrigi (GIORDANI SOIKA 1941): GUSENLEITNER 2004: 1078 (Madagascar).

Distribution: Madagascar: Prov. Mahajanga: Ankarafantsika – Prov. Antananarivo: Ambatoloana, Antananarivo, Antsirabe – Prov. Toamasina: Ambila-Lemaitso, Andekaleka (Rogez), Anivorano, Tampina, Toamasina – Prov. Fianarantsoa: Ambalavao, Ambositra, Ihosy, Isalo National Park – Prov. Toliara: 22 km E Ampanihy, Behara, Bekily, Berenty Reserve, Betroka, S Sakaraha (Anteninde-Tal), 10 km NE Toliara, Ranobe (N Toliara), 27 km N Toliara, Tsivory.

Endemic.

Genus *Anterhynchium* de SAUSSURE 1863

Description: de SAUSSURE 1863: 205.

Typus generis: *Rygchium synagroides* de SAUSSURE 1852.

Distribution: Australian, Ethiopian, Oriental and Palearctic Region.

Subgenera: *Anterhynchium* de SAUSSURE 1863, *Epidynerus* GIORDANI SOIKA 1958.

Valid species: 3.

Valid subspecies: 2.

***Anterhynchium andreanum andreanum* (de SAUSSURE 1890)**

Odynerus andreanus n.sp.: de SAUSSURE 1890: 161 (key), 167 (descr. ♂ ♀, Madagascar), pl. 19 (figs 4, 4c,t).

Odynerus andreanus de SAUSSURE 1891: de DALLA TORRE 1894: 52 (cat.).

Odynerus andreanus de SAUSSURE 1890: du BUYSSON 1900: 178 (tax., Madagascar), 179 (figs 10, 11).

Odynerus andreanus de SAUSSURE 1890: de SAUSSURE 1900: 236 (key).

Odynerus andreanus de SAUSSURE 1891: von DALLA TORRE 1904: 40 (cat.).

Odynerus andreanus de SAUSSURE 1892: SCHULZ 1906: 217 (tax.).

Odynerus andreanus de SAUSSURE 1890: du BUYSSON 1907: 106 (biol., Madagascar).

Odynerus (Rygchium) andreanus de SAUSSURE 1890: BEQUAERT 1918: 293 (cat.).

Odynerus andreanus de SAUSSURE 1890: GIORDANI SOIKA 1941: 171 (fig. 10.4), 173 (key, tax., descr. ♂ ♀, Madagascar).

Epidynerus andreanus (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 81 (tax., Madagascar).

Anterhynchium andreanus (!) (de SAUSSURE 1890): BORSATO 1999: 108 (tax., Madagascar).

Anterhynchium andreanum (de SAUSSURE 1890): GUSENLEITNER 2000: 925 (Madagascar).

Anterhynchium andreanum (de SAUSSURE 1890): GUSENLEITNER 2004: 1079 (Madagascar).

Parasitoid: *Chrysis audouinii* BLANCHARD 1840 (Hymenoptera: Chrysididae).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Mahajanga:

Ankarafantsika, near Mahajanga – Prov. Antananarivo: Ambatoloana – Prov. Fianarantsoa: Ihosy – Prov. Toliara: Antanimora, Behara, Bekily, Berenty Reserve, Bevilany, S Ejeda, Fort-Dauphin, Ranobe (N Toliara), 27 km N Toliara, Tongobory, Zombitsy Forest.

Endemic.

***Anterhynchium andreanum discolor* (GIORDANI SOIKA 1941)**

Odynerus andreanus discolor n.var.: GIORDANI SOIKA 1941: 174 (descr. ♀, Madagascar).

Odynerus andreanus ssp. *discolor* GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Anterhynchium andreanus discolor GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 66 (cat.).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Bekily.

Endemic.

***Anterhynchium grandidieri grandidieri* (de SAUSSURE 1890)**

Odynerus grandidieri n.sp.: de SAUSSURE 1890: 161 (key), 164 (descr. ♀, Madagascar), 167, pl. 4 (figs 16a,c,t).

Odynerus grandidieri de SAUSSURE 1891: de DALLA TORRE 1894: 71 (cat.).

Odynerus grandidieri de SAUSSURE 1890: de SAUSSURE 1900: 236 (key), 237 (tax., descr. ♂ ♀, Madagascar).

Odynerus grandidieri de SAUSSURE 1891: von DALLA TORRE 1904: 46 (cat.).

Odynerus (Ryngchium) grandidieri de SAUSSURE 1890: BEQUAERT 1918: 299 (cat.).

Odynerus grandidieri (de SAUSSURE 1890): GIORDANI SOIKA 1941: 172 (key, tax., descr. ♂ ♀, Madagascar).

Epidynerus grandididieri grandidieri (de SAUSSURE 1890): GIORDANI SOIKA 1991: 81 (tax.).

Anterhynchium grandidieri (de SAUSSURE 1890): GUSENLEITNER 1995: 211 (tax.).

Anterhynchium (Epidynerus) grandidieri (de SAUSSURE 1890): BORSATO 1999: 108 (tax., Madagascar).

Anterhynchium grandidieri (de SAUSSURE 1890): GUSENLEITNER 2004: 1078 (Madagascar).

**Odynerus hildebrandti* n.sp.: de SAUSSURE 1890: 161 (key), 165, 166 (descr. ♂ ♀, Madagascar), pl. 17 (figs 10, 10c).

Odynerus hildebrandtii de SAUSSURE 1891: de DALLA TORRE 1894: 72 (cat.).

Odynerus hildebrandti de SAUSSURE 1890: de SAUSSURE 1900: 236 (key), 237 (tax., descr. ♂ ♀, Madagascar).

Odynerus hildebrandti de SAUSSURE 1891: von DALLA TORRE 1904: 46 (cat.).

Odynerus hildebrandti de SAUSSURE 1890: BEQUAERT 1918: 301 (cat.).

Odynerus hildebrandti de SAUSSURE 1890: FRIEDERICH 1919: 30 (Madagascar), 42 (biol.), 47 (Madagascar), pls 1, 2.

Odynerus hildebrandti de SAUSSURE 1890: von SCHULTHEB 1919: 47 (Madagascar).

Odynerus hildebrandti de SAUSSURE 1890: GIORDANI SOIKA 1941: 173 (syn.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Ambatoloana, Antananarivo, Antsirabe – Prov. Toamasina: Tampina – Prov. Fianarantsoa: Ihosy, Isalo National Park, Ranomafana National Park – Prov. Toliara: Behara, Bekily, 5 km N Toliara, 12 km SE Toliara.

Endemic.

***Anterhynchium grandidieri limbatulum* (GIORDANI SOIKA 1991) new combination**

Epidynerus grandidieri limbatulus n.ssp.: GIORDANI SOIKA 1991a: 81 (descr. ♂, Madagascar).

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Epidynerus grandidieri limbatulus GIORDANI SOIKA 1991: BORSATO & RATTI 1999: 78 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Analavory.

Endemic.

***Anterhynchium madecassum* (de SAUSSURE 1852)**

Ryghium madecasse n.sp.: de SAUSSURE 1852: 102 (key), 111 (descr. ♀, Madagascar).

Rhynchium madegasse (!) de SAUSSURE 1852: SMITH 1857: 48 (cat.).

Rhynchium madecassum de SAUSSURE 1852: de SAUSSURE 1890: 159 (key), 160 (descr. ♀, Madagascar), pl. 4 (figs 11, 11t).

Rhynchium madecassum de SAUSSURE 1852: de DALLA TORRE 1894: 46 (cat.).

Rhynchium madecasse de SAUSSURE 1852: von DALLA TORRE 1904: 34 (cat.).

Rhynchium madecassum de SAUSSURE 1852: von SCHULTHESS RECHBERG 1907: 72 (Madagascar).

Odynerus (Ryghium) madecassis (!) (de SAUSSURE 1852): BEQUAERT 1918: 304 (cat.).

Odynerus madecassus (de SAUSSURE 1852): GIORDANI SOIKA 1941: 171 (fig. 10.3), 173 (key, tax., descr. ♂ ♀, Madagascar).

Odynerus (Rhynchium) madecassus (de SAUSSURE 1852): GIORDANI SOIKA 1941: 196 (tax., descr. ♂, Madagascar).

Anterhynchium madecassum (de SAUSSURE 1852): GIORDANI SOIKA 1991: 81 (tax., Madagascar).

Anterhynchium madecassum (de SAUSSURE 1852): MADL 1995: 1101 (Madagascar), 1102 (cat.).

Anterhynchium madecassum (de SAUSSURE 1852): GUSENLEITNER 2000: 925 (Madagascar).

Anterhynchium madecassum (de SAUSSURE 1852): GUSENLEITNER 2004: 1078 (Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Vallée du Sambirano, Nosy Be – Prov. Toamasina: Ambila-Lemaitso, Andasibe (Perinet), Toamasina, Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Pref. Mananjary – Prov. Toliara: Bekily, Fort Dauphin.

Endemic.

Genus *Cyrteumenes* GIORDANI SOIKA 1991

Description: GIORDANI SOIKA 1991: 80.

Typus generis: *Labus seyrigi* GIORDANI SOIKA 1991.

Distribution: Malagasy Subregion.

Valid species: 3.

***Cyrteumenes floricola* (de SAUSSURE 1890)**

Labus floricola n.sp.: de SAUSSURE 1890: 150 (key), 151 (descr. ♀ (= ♂), Madagascar).

Labus floricola de SAUSSURE 1890: de SAUSSURE 1892: pl. 22 (figs 3, 3a,t).

Labus floricola de SAUSSURE 1891: de DALLA TORRE 1894: 8 (cat.).

Labus floricola de SAUSSURE 1890: de SAUSSURE 1900: 235 (tax., descr. ♂, Madagascar).

Labus floricola de SAUSSURE 1891: von DALLA TORRE 1904: 13 (cat.).

Labus floricola de SAUSSURE 1891: KOHL 1906: 228 (tax., descr. ♂, Madagascar), 244 (key), pl. 4 (figs 28, 29), pl. 6 (figs 5, 23), pl. 7 (figs 11, 21, 26).

Labus floricola de SAUSSURE 1890: BEQUAERT 1918: 273 (cat.).

Labus floricola de SAUSSURE 1890: STEFFAN 1948: 82 (Madagascar).

Cyrtolabulus floricola (de SAUSSURE 1891): GIORDANI SOIKA 1983: 153 (tax.).

Cyrteumenes floricola (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 80 (cat.).

Cyrteumenes floricola (de SAUSSURE 1892): MADL 1995: 1101 (Madagascar), 1102 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Toliara: Behara, Bekily.

Endemic.

***Cyrteumenes mochii* BORSATO 1999**

Cyrteumenes mochii n.sp.: BORSATO 1999: 108 (descr. ♂ ♀, Madagascar), 110 (figs 1, 2, 4).

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

Endemic.

***Cyrteumenes seyrigi* (GIORDANI SOIKA 1934)**

Labus seyrigi n.sp.: GIORDANI SOIKA 1934: 215 (descr. ♂, Madagascar).

Labus seyrigi GIORDANI SOIKA 1934: GIORDANI SOIKA 1973: 8 (tax., Madagascar).

Cyrteumenes seyrigi (GIORDANI SOIKA 1934): GIORDANI SOIKA 1991: 80 (typ. gen., tax., Madagascar).

Cyrteumenes seyrigi (GIORDANI SOIKA 1934): MADL 1995: 1101 (Madagascar), 1102 (cat.).

Cyrteumenes seyrigi (GIORDANI SOIKA 1934): BORSATO & RATTI 1999: 94 (cat.).

Cyrteumenes seyrigi (GIORDANI SOIKA 1934): BORSATO 1999: 110 (fig. 3).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe (Perinet), Andekaleka (Rogez), Nosy Boraha (Sainte Marie).

Endemic.

Genus *Cyrtolabulus* van der VECHT 1969

Description: van der VECHT 1969: 1.

Typus generis: *Cyrtolabulus suavis* van der VECHT 1963.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 5.

***Cyrtolabulus bekilyensis* (GIORDANI SOIKA 1941)**

Labus bekilyensis n.sp.: GIORDANI SOIKA 1941: 185 (descr. ♂ ♀, Madagascar).

Labus bekilyensis GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 27 (tax., Madagascar).

Cyrtolabulus bekilyensis (GIORDANI SOIKA 1941): GIORDANI SOIKA 1991a: 80 (tax.).

Cyrtolabulus bekilyensis (GIORDANI SOIKA 1941): BORSATO & RATTI 1999: 69 (cat.).

Cyrtolabulus bekilyensis (!) (GIORDANI SOIKA 1941): GUSENLEITNER 2004: 1076 (Madagascar).

Cyrtolabulus bekilyensis (GIORDANI SOIKA 1941): GUSENLEITNER 2005: 1179 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Baie de St. Augustin, Bekily, Sarondrano, 27 km N Toliara, 32 km N Toliara.

Endemic.

***Cyrtolabulus madli* GUSENLEITNER 1998**

Cyrtolabulus madli n.sp.: GUSENLEITNER 1998: 186 (descr. ♂ ♀, Madagascar), 193 (fig. 9), 194 (figs 10, 11).

Cyrtolabulus madli GUSENLEITNER 1998: GUSENLEITNER 2004: 1076 (Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: 27 km N Toliara, 32 km N Toliara (S.I.B.).

Endemic.

***Cyrtolabulus rhombicus* GUSENLEITNER 2004**

Cyrtolabulus rhombicus n.sp.: GUSENLEITNER 2004: 1076 (descr. ♂ ♀, Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: 27 km N Toliara.

Endemic.

***Cyrtolabulus sollicitus* (GIORDANI SOIKA 1941)**

Labus sollicitus n.sp.: GIORDANI SOIKA 1941: 181 (descr. ♂ ♀, Madagascar).

Labus sollicitus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Cyrtolabulus sollicitus (GIORDANI SOIKA 1941): GIORDANI SOIKA 1991a: 80 (tax.).

Cyrtolabulus sollicitus (GIORDANI SOIKA 1941): BORSATO & RATTI 1999: 95 (cat.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Ambatoloana – Prov. Fianarantsoa: Ambositra – Prov. Toliara: Bekily.

Endemic.

***Cyrtolabulus suboscureus* (GIORDANI SOIKA 1941)**

Labus suboscureus n.sp.: GIORDANI SOIKA 1941: 183 (descr. ♀, Madagascar).

Labus suboscureus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 27 (tax., Madagascar).

Cyrtolabulus suboscureus (GIORDANI SOIKA 1941): GIORDANI SOIKA 1991a: 80 (tax.).

Cyrtolabulus suboscureus (GIORDANI SOIKA 1941): BORSATO & RATTI 1999: 96 (cat.).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Vallée du Sambirano.

Endemic.

Genus *Delta* de SAUSSURE 1855

Description: de SAUSSURE 1855: 143.

Typus generis: *Vespa maxillosa* DEGEER 1774 (= *Vespa emarginata* LINNAEUS 1758).

Distribution: All zoogeographical regions.

Valid species: 6.

Valid subspecies: 1.

***Delta alluaudi* (PÉREZ 1895)**

Eumenes alluaudi n.sp.: PÉREZ 1895: 206 (descr. ♂ ♀), 211 (Seychelles).

Eumenes alluaudi PÉREZ 1895: von DALLA TORRE 1904: 21 (cat.).

Eumenes alluaudi PÉREZ 1895: CAMERON 1907: 71 (Seychelles).

Eumenes alluaudi PÉREZ 1895: SCOTT 1910: 29 (biol., Seychelles).

Eumenes alluaudi PÉREZ 1895: MEADE-WALDO 1912: 43 (biol., Seychelles).

Eumenes lepelesterii var. *alluaudi* PÉREZ 1895: BEQUAERT 1918: 277 (tax., cat.).

Eumenes alluaudi PÉREZ 1895: BEQUAERT 1921: 160 (tax., descr. ♂ ♀, Seychelles, Glorieuses), 161 (figs 1a-d).

Eumenes (Delta) alluaudi PÉREZ 1895: BEQUAERT 1926: 487 (tax.), 492 (key), 554 (tax.), 567 (tax., Seychelles, Glorieuses).

Eumenes alluaudi PÉREZ 1895: SCOTT 1933: 335 (tax.), 366 (tax., biol., Seychelles), 367 (tax.).

Eumenes alluaudi PÉREZ 1895: VESEY-FITZGERALD 1950a: 75 (biol., Seychelles), 79 (pl. 1: habitat).

Eumenes alluaudi PÉREZ 1895: VESEY-FITZGERALD 1957: 362 (Seychelles).

Eumenes (Delta) alluaudi PÉREZ 1895: GIORDANI SOIKA 1957: 188 (tax.), 189 (tax.), 191 (tax.), 192 (fig. 4.1 as *alluaudi*), 193 (fig. 5.5 as *alluaudi*), 194 (tax.)m, 196 (fig. 6: map as *alluaudi*).

- Eumenes alluaudi* PÉREZ 1895: GIORDANI SOIKA 1958: 69 (tax.), 70 (fig. C: map).
Delta alluaudi (PÉREZ 1895): GIORDANI SOIKA 1961: 243 (tax., Seychelles).
Delta alluaudi (PÉREZ 1895): GIORDANI SOIKA 1974a: 70 (tax., cat.).
Eumenes alluaudi PÉREZ 1895: BROOKE 1981: 366 (descr. nest, biol., Seychelles), 367 (fig. 1: biol.), 368 (table 1: biol.), 369 (table 2: biol.), 370 (figs 2, 3: biol.), 371 (figs 4, 5: biol.), 372 (table 3: biol.), 373 (fig. 6: biol., tables 4, 5: biol.), 374 (table 6: biol.), 375 (table 7: biol.), 376 (table 8: biol.).
Delta alluaudi (PÉREZ 1895): MADL, MATYOT & SCHÖDL 1996: 830 (Seychelles).
Eumenes alluaudi PÉREZ 1895: GERLACH, MATYOT & SAARISTO 1997: 27 (cat., Seychelles).
Delta alluaudi (PÉREZ 1895): ARIDE ISLAND RESEARCH GROUP 1999: 52 (Seychelles).
Delta alluaudi (!) (PÉREZ 1895): GERLACH, WILLI & GERLACH 2001: 38 (Seychelles).
Delta alluaudi (PÉREZ 1895): HILL et al. 2002b: 166 (Seychelles).
Delta alluaudi (PÉREZ 1895): GERLACH 2003: 26 (Seychelles), 33 (Seychelles).
Delta alluaudi (PÉREZ 1895): MADL 2006: 1500 (Seychelles), 1502 (table 1: cat.).
Delta alluaudi (PÉREZ 1895): PARNAUDEAU & MADL in press: (cat., Glorieuses not established).
**Eumenes* sp.: LINELL 1897: 696 (Seychelles, Glorieuses).

Distribution: Seychelles: Inner Seychelles (Mahé, Round, Silhouette, North, Praslin, Cousin, Marianne, Aride, Denis) – Réunion: Glorieuses (not established).

Endemic.

***Delta emarginatum* (LINNAEUS 1758)**

- Delta emarginatum emarginatum* (LINNAEUS 1758): GIORDANI SOIKA 1991a: 81 (tax., Madagascar).
Delta emarginatum emarginatum (LINNAEUS 1758): BORSATO 1999: 111 (Madagascar).
Delta emarginatum emarginatum (LINNAEUS 1758): MADL 2001: 1107 (Seychelles), 1110 (table 1: distr.).
Delta emarginatum (LINNAEUS 1758): PAULY 2004: 265 (biol., Comoros), 266 (figs above).
Delta emarginatum (LINNAEUS 1758): PARNAUDEAU & MADL in press: (Glorieuses).
**Eumenes maxillosus* DEGEER 1760: de SAUSSURE 1890: 152 (key), 153 (tax., descr. ♂ ♀, Madagascar).
Eumenes maxillosus (DEGEER 1773): von SCHULTHESS RECHBERG 1907: 71 (Comoros, Mayotte, Madagascar), 73 (cat., Comoros, Mayotte).
Eumenes maxillosus var. *maxillosus* (DEGEER, 1773): BEQUAERT 1918: 58 (key), 61 (fig. 65: map), 279 (cat.).
Eumenes maxillosus maxillosus (DEGEER 1773): FRIEDERICH 1919: 29 (Madagascar), 33 (tax., descr. nest, biol., Madagascar), 34 (fig.: nest), 41 (biol.), pls 1, 2.
Eumenes maxillosus forma *maxillosus* (DEGEER 1773): von SCHULTHESS 1919: 47 (Madagascar).
Eumenes (*Delta*) *maxillosus* var. *maxillosus* (DEGEER 1773): BEQUAERT 1926: 487 (tax., cat.), 492 (key), 560 (figs 13A-E), 563 (key), 564 (tax.).
Eumenes maxillosus (DEGEER 1773): VESEY-FITZGERALD 1950a: 75 (Seychelles).
Eumenes maxillosus (DEGEER 1760): BRÉNIÈRE 1965: 347 (biol., Madagascar).
Eumenes maxillosa (DEGEER 1773): COGAN, HUTSON & SHAFFER 1971: 324 (Seychelles).
Eumenes maxillosus (DEGEER 1773): JIVAN SHAH 1991: 83 (fig. below right, Seychelles).
Eumenes maxillosus (DEGEER 1773): RECKHAUS 1997: 352 (biol., Madagascar).
Eumenes maxillosa (DEGEER 1773): GERLACH 2001: 19 (Seychelles).
**Eumenes tinctor* (CHRIST 1791): BRANCSIK 1891: 159 (Madagascar).
Eumenes tinctor (CHRIST 1791): GRIBODO 1895: 91 (Madagascar).
**Eumenes unguiculatus* (!) DEGEER: de SAUSSURE 1900: 234 (cat.).

Parasitoid: *Stilbum viride* GUÉRIN-MÉNEVILLE 1842 (Hymenoptera: Chrysididae).

Distribution: Seychelles: Aldabra Group (Aldabra, Assumption, Astove, Cosmoledo) – Comoros: Grande Comore, Anjouan – Mayotte – Madagascar: Prov.

1880

Antsiranana: Nosy Be – Prov. Mahajanga: Kinkony-Gebiet – Prov. Antananarivo: Antananarivo, Imerina – Prov. Fianarantsoa: 10 km E Ranohira, Isalo National Park – Prov. Toliara: 5 km N Toliara, Toliara – Réunion: Glorieuses.

Known from the Ethiopian and Palearctic Region.

***Delta esuriens esuriens* (FABRICIUS 1787)**

Delta esuriens esuriens (FABRICIUS 1787): GUSENLEITNER & MADL 2009: 467 (Mauritius).

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

M a t e r i a l : Rodrigues: without locality 1 ♀ April 1988 leg. J.R. Williams (MSIRI) – **first record**.

Known from the Oriental Region.

***Delta esuriens gracile* (de SAUSSURE 1852)**

Delta campaniforme gracile (de SAUSSURE 1854): GIORDANI SOIKA 1987: 148 (key), 149 (tax., Seychelles).

Delta esuriens gracile (de SAUSSURE 1854): MADL 2001: 1108 (Seychelles), 1110 (table 1: distr.).

D i s t r i b u t i o n: Seychelles: Aldabra Group (Aldabra).

Known from the Ethiopian and Palearctic Region.

***Delta guerini* (de SAUSSURE 1852)**

Eumenes guerini n.sp.: de SAUSSURE 1852: 62 (descr. ♀, Madagascar).

Eumenes guerini de SAUSSURE 1852: SMITH 1857: 28 (cat.).

Eumenes guerinii de SAUSSURE 1852: de DALLA TORRE 1894: 25 (cat.).

Eumenes guerini de SAUSSURE 1852: von DALLA TORRE 1904: 23 (cat.).

Eumenes lepeletierii var. *guerini* de SAUSSURE 1852: BEQUAERT 1918: 77 (key), 277 (cat. partim).

Eumenes lepeletierii var. *guerini* de SAUSSURE 1852: BEQUAERT 1926: 555 (key), 559 (tax., cat. partim).

Delta guerini (de SAUSSURE 1852): GUSENLEITNER 2004: 1081 (tax., Madagascar).

**Eumenes pensilis* n.sp.: de SAUSSURE 1890: 152 (key), 155 (descr. ♂ ♀, Madagascar), pl. 4 (figs 10, 10t), pl. 17 (fig. 7).

Eumenes pensilis de SAUSSURE 1891: de DALLA TORRE 1894: 28 (cat.).

Eumenes pensilis de SAUSSURE 1890: de SAUSSURE 1900: 234 (tax., descr. ♂ ♀, Madagascar).

Eumenes pensilis de SAUSSURE 1891: von DALLA TORRE 1904: 24 (cat.).

Eumenes pensilis de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 71 (tax., Madagascar).

Eumenes lepeletierii var. *pensilis* de SAUSSURE 1890: von SCHULTHESS RECHBERG 1910: 17 (tax., cat.).

Eumenes lepeletierii var. *pensilis* de SAUSSURE 1890: BEQUAERT 1918: 77 (key), 278 (cat.).

Eumenes (*Delta*) *lepeletierii* var. *pensilis* de SAUSSURE 1890: BEQUAERT 1926: 555 (key), 556 (tax.).

Eumenes campaniformis var. *pensilis* de SAUSSURE 1890: GIORDANI SOIKA 1934: 227 (tax., Madagascar), 228 (cat.).

Delta pensilis (de SAUSSURE 1890): GIORDANI SOIKA 1961: 243 (tax.).

Delta pensile (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 82 (tax., Madagascar).

Delta pensile (de SAUSSURE 1891): BORSATO 1999: 111 (Madagascar).

Eumenes pensilis de SAUSSURE 1900 (!): GUSENLEITNER 2004: 1081 (syn.).

D i s t r i b u t i o n : Madagascar: Prov. Mahajanga: Ankarafantsika, Lac Kinkony – Prov. Toamasina: Ambila-Lemaitso, Antsihanaka, Lac Alaotra, Ranomafana, Toamasina – Prov. Fianarantsoa: Ambositra, Fianarantsoa, Ihosy, W Ihosy (km 40), Isalo National

Park – Prov. Toliara: 22 km E Ampanihy, Bekily, Berenty Reserve, Fort-Dauphin (?), Ranobe (N Toliara), 12 km SE Toliara, 10 km NE Toliara, 27 km N Toliara, Toliara, Mahafaly.

Endemic.

***Delta reginum* (de SAUSSURE 1852)**

Eumenes regina n.sp.: de SAUSSURE 1852: 49 (descr. ♀, Madagascar), pl. 10 (figs 8, 8a,b).

Eumenes regina de SAUSSURE 1852: de SMITH 1857: 28 (cat.).

Eumenes regina de SAUSSURE 1852: de SAUSSURE 1890: 152 (key), 154 (descr. ♂ ♀, Madagascar).

Eumenes regina de SAUSSURE 1852: de DALLA TORRE 1894: 31 (cat.).

Eumenes regina de SAUSSURE 1852: du BUYSSON 1898: 143 (biol., Madagascar).

Eumenes regina de SAUSSURE 1852: de SAUSSURE 1900: 234 (cat.).

Eumenes regina de SAUSSURE 1852: von DALLA TORRE 1904: 24 (cat.).

Eumenes regina de SAUSSURE 1852: von SCHULTHESS RECHBERG 1907: 71 (descr. nest, fig. 9: nest, Madagascar).

Eumenes maxillosus var. *regina* de SAUSSURE 1890: von SCHULTHESS RECHBERG 1910: 17 (tax., cat.).

Eumenes maxillosus var. *reginus* de SAUSSURE 1852: BEQUAERT 1918: 58 (key), 62 (fig. 67: map), 281 (cat.).

Eumenes maxillosus regina de SAUSSURE 1852: FRIEDERICH 1919: 29 (Madagascar), 33 (tax.), 38 (descr. nest, biol., Madagascar).

Eumenes maxillosus forma *regina* de SAUSSURE 1852: von SCHULTHESS 1919: 47 (Madagascar).

Eumenes (Delta) maxillosus var. *reginus* de SAUSSURE 1852: BEQUAERT 1926: 563 (key), 566 (tax., Madagascar).

Eumenes maxillosus var. *reginus* de SAUSSURE 1852: SALT 1927: 183 (biol., Madagascar).

Eumenes maxillosus var. *reginus* de SAUSSURE 1852: SALT & BEQUAERT 1929: 252 (cat.).

Eumenes (Delta) reginus de SAUSSURE 1852: GIORDANI SOIKA 1957: 189 (tax.), 191 (tax.), 192 (fig. 4.4), 193 (fig. 5.8), 194 (tax.), 196 (fig. 6: map).

Eumenes regina de SAUSSURE 1852: THOMPSON & SIMMONDS 1965: 162 (cat., biol.).

Delta regina (de SAUSSURE 1852): GIORDANI SOIKA 1991a: 82 (tax., Madagascar).

Delta reginum (de SAUSSURE 1852): MADL 1995: 1101 (Madagascar), 1102 (cat.).

Delta regina (de SAUSSURE 1852): BORSATO 1999: 111 (Madagascar).

**Eumenes kohli* n.sp.: BRANCSIK 1891: 159 (descr. ♀, Madagascar).

Eumenes kohlii BRANCSIK 1891: de DALLA TORRE 1894: 26 (cat.).

Eumenes kohli BRANCSIK 1891: von DALLA TORRE 1904: 23 (cat.).

Eumenes kohli BRANCSIK 1891: von SCHULTHESS RECHBERG 1910: 18 (tax.).

Eumenes kohli BRANCSIK 1891: BEQUAERT 1918: 281 (syn.).

Parasitoids: *Chrysis gheudei* (GUÉRIN-MÉNEVILLE 1842), *Stilbum viride* GUÉRIN-MÉNEVILLE 1842 (Hymenoptera: Chrysididae).

Distribution: Madagascar: Prov. Antsiranana: Antsiranana (Cap Diego), Nosy Be – Prov. Mahajanga: Ankarafantsika – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Ile aux Prunes, Toamasina, Nosy Boraha (Sainte Marie) – Prov. Toliara: Andranohinaly, Berenty Reserve, Fort Dauphin, 38 km E Sakaraha, 10 km NE Toliara, 12 km SE Toliara, Tongobory.

Endemic.

***Delta sakalavum* (de SAUSSURE 1900)**

Eumenes sakalavus n.sp.: de SAUSSURE 1900: 235 (descr. ♂ ♀, Madagascar).

Eumenes sakalava de SAUSSURE 1900: von DALLA TORRE 1904: 24 (cat.).

Eumenes sakalavus de SAUSSURE 1900: von SCHULTHESS RECHBERG 1907: 71 (tax.).

Eumenes lepeletieri var. *sakalavus* de SAUSSURE 1900: von SCHULTHESS RECHBERG 1910: 17 (tax., cat.).

Delta sakalavum (de SAUSSURE 1892): NILSSON & RABAKONANDRIANINA 1988: 486 (biol., Madagascar).

Delta sakalavum (de SAUSSURE 1890): GUSENLEITNER 2004: 1081 (tax., Madagascar).

**Eumenes lepeletieri* var. *guerini* de SAUSSURE 1852: BEQUAERT 1918: 277 (sen. syn., cat. partim).

Eumenes (*Delta*) *lepeletieri* var. *guerini* de SAUSSURE 1852: BEQUAERT 1926: 559 (tax., cat. partim).

Eumenes campaniformis var. *guerini* de SAUSSURE 1852: GIORDANI SOIKA 1934: 226 (tax.), 227 (sen. syn.), 228 (cat.).

Delta guerini (de SAUSSURE 1852): GIORDANI SOIKA 1991a: 82 (tax., Madagascar).

Delta guerini (de SAUSSURE 1852): BORSATO 1999: 111 (Madagascar).

Distribution: Madagascar: Prov. Antananarivo: Ambatolampy, Ambohitantely, Angavokely, Ankatso – Prov. Fianarantsoa: Ihosy, Isalo area.

Endemic.

Genus *Eudynerus* von DALLA TORRE 1904

Description: von DALLA TORRE 1904: 38.

Typus generis: *Vespa dantici* ROSSI 1790.

Distribution: All zoogeographical regions.

Valid species: 1.

***Euodynerus trilobus* (FABRICIUS 1787)**

Odynerus trilobus (FABRICIUS 1787): LEPELETIER de SAINT-FARGEAU 1841: 635 (tax., descr. ♂ ♀, Mauritius).

Odynerus (*Leionotus*) *trilobus* (FABRICIUS 1787): de SAUSSURE 1853a: 154 (key), 155 (key), 186 (tax., Réunion, Mauritius).

Odynerus trilobus (FABRICIUS 1787): SMITH 1857: 66 (Mauritius, cat.).

Odynerus trilobus (FABRICIUS 1804): de SAUSSURE 1890: 161 (key), 164 (tax., descr. ♂ ♀, Réunion, Mauritius), pl. 4 (figs 15, 15a).

Odynerus trilobus (FABRICIUS 1787): de DALLA TORRE 1894: 102 (cat.).

Odynerus (*Leionotus*) *trilobus* (FABRICIUS 1787): von DALLA TORRE 1904: 56 (cat.).

Odynerus trilobus (FABRICIUS 1787): ZAVATTARI 1911: 6 (Mauritius).

Odynerus trilobus (FABRICIUS 1787): BEQUAERT 1918: 313 (cat.).

Odynerus trilobus (FABRICIUS 1787): GIORDANI SOIKA 1941: 169 (cat.).

Pseudepipona (*Euodynerus*) *triloba* (FABRICIUS 1787): GIORDANI SOIKA 1958: 68 (fig. above left), 70 (tax., fig. C: map).

Euodynerus trilobus (FABRICIUS 1787): GIORDANI SOIKA 1974a: 70 (cat.).

Euodynerus trilobus (FABRICIUS 1787): GUSENLEITNER & MADL 2009: 467 (Mauritius).

Euodynerus trilobus (FABRICIUS 1787): PARNAUDEAU & MADL in press: (Agalega).

**Odynerus chagosensis* CAMERON 1907: WILLIAMS 1958: 122 (Mauritius).

Distribution: Réunion: Réunion – Mauritius: Mauritius, Rodrigues, Agalega.

Material: Rodrigues: without locality 2♀♀ April 1987 leg. J.R. Williams (MSIRI) – **first record**.

Known from the Oriental Region. De SAUSSURE (1853a) recorded *Odynerus trilobus* from Ile de France (= Mauritius) and Ile Maurice. Ile de France is probably a printing error of Ile Bourbon. The record from Réunion requires confirmation.

Genus *Giordania* GUSENLEITNER 1995

Description: GUSENLEITNER 1995: 208.

Typus generis: *Odynerus subventricosus* GIORDANI SOIKA 1941.

Distribution: Malagasy Subregion.

Valid species: 2.

***Giordania nigra* GUSENLEITNER 1995**

Giordania nigra n.sp.: GUSENLEITNER 1995: 209 (descr. ♀, Madagascar), 214 (fig. 4), 215 (fig. 6).

Giordania nigra GUSENLEITNER 1995: MADL 1995: 1102 (cat.).

Distribution: Madagascar: Prov. Toamasina: Nosy Boraha (Sainte Marie).

Endemic.

***Giordania subventricosa* (GIORDANI SOIKA 1941)**

Odynerus subventricosus n.sp.: GIORDANI SOIKA 1941: 171 (fig. 10.5), 176 (key, descr. ♂ ♀, Madagascar).

Odynerus subventricosus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Giordania subventricosa (GIORDANI SOIKA 1941): GUSENLEITNER 1995: 208 (typ. gen., Madagascar), 214 (fig. 5).

Odynerus subventricosus GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 96 (cat.).

Anterhynchium subventricosa (GIORDANI SOIKA 1941): GUSENLEITNER 2000: 925 (tax., Madagascar).

Giordania subventricosa (GIORDANI SOIKA 1941): GUSENLEITNER 2001: 253 (tax.).

Distribution: Madagascar: Prov. Antananarivo: Tsinjoarivo – Prov. Fianarantsoa: Ambatofitorahana.

Endemic.

Genus *Knemodynerus* BLÜTHGEN 1940

Description: BLÜTHGEN 1940: 43.

Typus generis: *Odynerus excellens* PÉREZ 1907.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 3.

***Knemodynerus aequabilis* GUSENLEITNER 1995**

Knemodynerus aequabilis n.sp.: GUSENLEITNER 1995: 211 (descr. ♂ ♀, Madagascar), 215 (figs 7-11).

Knemodynerus aequabilis GUSENLEITNER 1995: BORSATO 1999: 108 (Madagascar).

Knemodynerus aequabilis (!) GUSENLEITNER 1995: GUSENLEITNER 2004: 1079 (Madagascar).

Distribution: Madagascar: Prov. Toliara: Berenty Reserve, Ranobe (N Toliara), 5 km N Toliara, 27 km N Toliara, Toliara.

Endemic.

***Knemodynerus farquharensis* (CAMERON 1907) new combination**

Odynerus farquharensis n.sp.: CAMERON 1907: 74 (descr. ♀, Seychelles).

Odynerus farquharensis CAMERON 1907: MEADE-WALDO 1912: 43 (Seychelles).

Odynerus (Rygius) farquharensis CAMERON 1907: BEQUAERT 1918: 298 (tax., cat.).

Odynerus farquharensis CAMERON 1907: VESEY-FITZGERALD 1950a: 75 (Seychelles).

Rhygius farquharensis (CAMERON 1907): VESEY-FITZGERALD 1957: 362 (biol., Seychelles).

Pseudepipona (Euodynerus) farquharensis (CAMERON 1907): GIORDANI SOIKA 1957: 199 (tax.), 208 (pl. 2: below right).

Pseudepipona (Euodynerus) farquharensis (CAMERON 1907): GIORDANI SOIKA 1958: 68 (fig. 10: below right), 69 (tax.), 70 (fig. C: map).

Euodynerus farquharensis (CAMERON 1907): GIORDANI SOIKA 1974a: 70 (tax., cat., Seychelles).

Euodynerus farquharensis (CAMERON 1907): MADL 2001: 1108 (Seychelles), 1110 (table 1: distr.).

**Odynerus* sp.: JIVAN SHAH 1991: 82 (Seychelles).

D i s t r i b u t i o n : Seychelles: Farquhar Group (Farquhar), Aldabra Group (Aldabra, Astove, Cosmoledo).

Endemic to the Malagasy Subregion.

***Knemodynerus seychellensis* (von DALLA TORRE 1904)**

Odynerus seychellensis n.nom.: von DALLA TORRE 1904: 54 (tax., cat.).

Odynerus seychellensis von DALLA TORRE 1904: MEADE-WALDO 1912: 43 (biol., Seychelles, Mauritius).

Odynerus (Rygius) seychellensis von DALLA TORRE 1904: BEQUAERT 1918: 310 (tax., cat.).

Odynerus seychellensis von DALLA TORRE 1904: SCOTT 1933: 367 (tax.).

Odynerus seychellensis von DALLA TORRE 1904: VESEY-FITZGERALD 1939: 433 (biol., Seychelles).

Odynerus seychellensis von DALLA TORRE 1904: VESEY-FITZGERALD 1950a: 75, 79 (biol., Seychelles).

Rygius (!) seychellensis (von DALLA TORRE 1904): VESEY-FITZGERALD 1957: 362 (Seychelles).

Pseudepipona (Euodynerus) seychellensis (von DALLA TORRE 1904): GIORDANI SOIKA 1957: 199 (tax.), 208 (pl. 2: below left).

Pseudepipona (Euodynerus) seychellensis (von DALLA TORRE 1904): GIORDANI SOIKA 1958: 68 (fig. 10: below left), 69 (tax.), 70 (fig. C: map).

Odynerus seychellensis von DALLA TORRE 1904: BRISTOWE 1973: 220 (biol., Seychelles).

Euodynerus seychellensis (von DALLA TORRE 1904): GIORDANI SOIKA 1974a: 70 (tax., cat.).

Euodynerus seychellensis (von DALLA TORRE 1904): MADL, MATYOT & SCHÖDL 1996: 830 (Seychelles).

Odynerus seychellensis von DALLA TORRE 1904: GERLACH, MATYOT & SAARISTO 1997: 27 (cat., Seychelles).

Odynerus seychellensis (!) von DALLA TORRE 1904: ARIDE ISLAND RESEARCH GROUP 1999: 52 (Seychelles).

Euodynerus seychellensis (von DALLA TORRE 1904): GERLACH, WILLI & GERLACH 2001: 38 (Seychelles).

Euodynerus seychellensis (von DALLA TORRE 1904): GERLACH 2003: 26 (Seychelles.), 33 (Seychelles).

Euodynerus seychellensis (von DALLA TORRE 1904): MADL 2006: 1500 (biol., Seychelles), 1502 (table 1: cat.).

Knemodynerus seychellensis (von DALLA TORRE 1904): GUSENLEITNER & MADL 2009: 467 (tax., Mauritius).

Knemodynerus seychellensis (von DALLA TORRE 1904): PARNAUDEAU & MADL in press: (Agalega).

**Odynerus (Lionotus) cylindricus* n.sp.: PÉREZ 1895: 207 (descr. ♀), 211 (Seychelles).

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Odynerus cylindricus PÉREZ 1895: CAMERON 1907: 72 (tax., descr. ♂, Seychelles).

Odynerus cylindricus PÉREZ 1895: WILLIAMS 1958: 122 (Mauritius).

**Odynerus neonymus* n.nom.: SCHULZ 1906: 218 (tax.).

Odynerus neonymus SCHULZ 1906: BEQUAERT 1918: 310 (syn.).

Distribution: Seychelles: Inner Seychelles (Mahé, Round, Silhouette, North, Praslin, Aride), Amirantes (Alphonse, Desroches, D'Arros, Poivre) – Mauritius: Mauritius, Agalega.

Endemic to the Malagasy Subregion.

Odynerus cylindricus PÉREZ 1895 is a junior homonym of *O. cylindricus* de SAUSSURE 1862.

Genus *Leptomenes* GIORDANI SOIKA 1939

Description: GIORDANI SOIKA 1939a: 87.

Typus generis: *Pachymenes congensis* BEQUAERT 1918 (= *Odynerus eumenoides* SMITH 1857).

Distribution: Ethiopian and Palearctic Region.

Valid species: 3.

***Leptomenes extremus* GUSENLEITNER 2005**

Leptomenes extremus n.sp.: GUSENLEITNER 2005: 1182 (descr. ♂, Madagascar), 1196 (figs 7, 8).

Distribution: Madagascar: Prov. Fianarantsoa: 40 km S Ambositra (Radio Tower).

Endemic.

***Leptomenes laethificus* GIORDANI SOIKA 1941**

Leptomenes (Leptomenes) laethificus n.sp.: GIORDANI SOIKA 1941: 187 (descr. ♂, Madagascar).

Leptomenes laethificus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 27 (tax., Madagascar).

Leptomenes laethificus GIORDANI SOIKA 1941: GIORDANI SOIKA 1977: 109 (key), 115 (tax., Madagascar).

Leptomenes laethificus GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 82 (cat.).

Distribution: Madagascar: Prov. Mahajanga: Maevatanana – Prov. Toliara: Bekily.

Endemic.

***Leptomenes schulthessianus* (de SAUSSURE 1890)**

Nortonia schulthessiana n.sp.: de SAUSSURE 1890: 157 (descr. ♂, Madagascar), pl. 17 (figs 8, 8a,c).

Nortonia schulthessiana de SAUSSURE 1891: DALLA TORRE 1894: 109 (cat.).

Nortonia schulthessiana de SAUSSURE 1891: von DALLA TORRE 1904: 32 (cat.).

Nortonia schulthessiana de SAUSSURE 1891: von SCHULTHESS-RECHBERG 1904: 279 (key), 282 (tax, cat.).

Nortonia schulthessiana de SAUSSURE 1891: KOHL 1906: 233 (tax., descr. ♂, Madagascar), 244 (key), pl. 4 (fig. 26), pl. 6 (figs 1, 28), pl. 7 (figs 12, 18).

Pachymenes schulthessianus (de SAUSSURE 1890): BEQUAERT 1918: 284 (cat.).

Leptomenes schulthessianus (de SAUSSURE 1890): GIORDANI SOIKA 1939: 88 (tax.).

Leptomenes (Eumenidiopsis) schulthessianus (de SAUSSURE 1890): GIORDANI SOIKA 1941: 187 (tax., descr. ♀, Madagascar).

Leptomenes schulthessianus (de SAUSSURE 1890): GIORDANI SOIKA 1973: 27 (tax., Madagascar).

Leptomenes schulthessianus (de SAUSSURE 1890): GIORDANI SOIKA 1977: 109 (key), 113 (tax., Madagascar).

Leptomenes schulthessianus (de SAUSSURE 1890): GUSENLEITNER 2004: 1078 (Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Antsirabe – Prov. Fianarantsoa: Ihosy – Prov. Toliara: Bekily, Isoanala, S Sakaraha (Anteninde-Tal), 27 km N Toliara.

Endemic.

Genus *Malagassodynerus* GUSENLEITNER 1992

Description: GUSENLEITNER 1992a: 94.

Typus generis: *Malagassodynerus scutellatus* GUSENLEITNER 1992.

Distribution: Malagasy Subregion.

Valid species: 1.

***Malagassodynerus scutellatus* GUSENLEITNER 1992**

Malagassodynerus scutellatus n.sp.: GUSENLEITNER 1992a: 94 (typ. gen., descr. ♂, fig. 3, Madagascar), 95 (fig. 4).

Malagassodynerus scutellatus n.sp.: GUSENLEITNER 1992b: 931 (descr. ♂, fig. 5).

Distribution: Madagascar: Prov. Toamasina: Andasibe (Perinet).

Endemic.

Genus *Malgachemenes* GUSENLEITNER 1992

Description: GUSENLEITNER 1992a: 91.

Typus generis: *Malgachemenes angustus* GUSENLEITNER 1992.

Distribution: Malagasy Subregion.

Valid species: 1.

***Malgachemenes angustus* GUSENLEITNER 1992**

Malgachemenes angustus n.sp.: GUSENLEITNER 1992a: 91 (typ. gen.), 92 (descr. ♀, fig. 1, Madagascar), 93 (fig. 2).

Distribution: Madagascar: Prov. Mahajanga: Ankarafantsika.

Endemic.

Genus *Paraleptomenes* GIORDANI SOIKA 1979

Description: GIORDANI SOIKA 1970: 79.

Typus generis: *Paraleptomenes nurseanus* GIORDANI SOIKA 1970.

Distribution: Oriental Region.

Valid species: 1.

***Paraleptomenes miniatus miniatus* (de SAUSSURE 1854)**

Distribution: Mauritius: Mauritius.

Material: Mauritius: Casela Nature Park 1♂ 14.5.2004 leg. M. Madl (NHMW) – **first record**.

Known from the Ethiopian Region.

1887

Genus *Paramischocyttarus* MAGRETTI 1884

Description: MAGRETTI 1884: 250.

Typus generis: *Paramischocyttarus subtilis* MAGRETTI 1884.

Distribution: Ethiopian and Palearctic Region.

Valid species: 1.

***Paramischocyttarus madagassus* GUSENLEITNER 1998**

Paramischocyttarus madagassus n.sp.: GUSENLEITNER 1998: 191 (descr. ♂ ♀, Madagascar), 194 (figs 12-14).

Paramischocyttarus madagassus GUSENLEITNER 1998: GUSENLEITNER 2004: 1082 (Madagascar).

Distribution: Madagascar: Prov. Toliara: 27 km N Toliara, 32 km N Toliara (S.I.B.).

Endemic.

Genus *Postepipona* GIORDANI SOIKA 1974

Description: GIORDANI SOIKA 1974: 126.

Typus generis: *Postepipona socotrae* GIORDANI SOIKA 1974.

Distribution: Ethiopian Region.

Valid species: 1.

***Postepipona malagassa* (de SAUSSURE 1900)**

Odynerus malagassus n.sp.: de SAUSSURE 1900: 236 (key), 237 (descr. ♀, Madagascar).

Odynerus malagassus de SAUSSURE 1900: von DALLA TORRE 1904: 48 (cat.).

Odynerus (Rygchium) malagassus de SAUSSURE 1900: BEQUAERT 1918: 304 (cat.).

Odynerus malagassus de SAUSSURE 1900: GIORDANI SOIKA 1941: 179 (key, tax., Madagascar).

Postepipona malagassa (de SAUSSURE 1900): BORSATO 1999: 108 (tax., Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Toamasina: Andekaleka (Rogez), Toamasina – Prov. Toliara: Bekily, Berenty Reserve.

Endemic.

Genus *Raphiglossa* SAUNDERS 1850

Description: SAUNDERS 1850: 17.

Typus generis: *Raphiglossa eumenoides* SAUNDERS 1850.

Distribution: Ethiopian and Palearctic Region.

Valid species: 1.

***Raphiglossa lemuriae* GIORDANI SOIKA 1941**

Raphiglossa lemuriae n.sp.: GIORDANI SOIKA 1941: 179 (descr. ♂ ♀, Madagascar), 180 (fig. 11).

Raphiglossa lemuriae GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Raphiglossa lemuriae GIORDANI SOIKA 1941: GIORDANI SOIKA 1974b: 113 (key), 131 (tax., descr. ♂ ♀, Madagascar).

Raphiglossa lemuriae GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 82 (cat.).

Raphiglossa lemuriae GIORDANI SOIKA 1941: BORSATO 1999: 107 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Behara, Bekily, Berenty.
Endemic.

Genus *Rhynchium* SPINOLA 1806

Description: SPINOLA 1806: 84.

Typus generis: *Rhynchium europaea* SPINOLA 1806 (= *Vespa oculata* FABRICIUS 1781).

Distribution: Australian, Ethiopian, Oriental and Palearctic Region.

Valid species: 1.

***Rhynchium brunneum* (FABRICIUS 1773)**

Rhynchium brunneum (FABRICIUS 1773): MADL, MATYOT & SCHÖDL 1996: 831 (Seychelles).

Rhynchium brunneum (FABRICIUS 1773): GERLACH 2003: 26 (Seychelles).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Mahé, Cerf, Round, Silhouette, Praslin).

Known from the Oriental Region.

Genus *Simplepipona* GUSENLEITNER 2004

Description: GUSENLEITNER 2004: 1079.

Typus generis: *Simplepipona andreanicolor* GUSENLEITNER 2004.

Distribution: Malagasy Subregion.

Valid species: 1.

***Simplepipona andreanicolor* GUSENLEITNER 2004**

Simplepipona andreanicolor n.sp.: GUSENLEITNER 2004: 1079 (typ. gen., descr. ♂ ♀, Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: S Ambatolampy (Ambohimena Tongruben).

Endemic.

Genus *Subancistrocerus* de SAUSSURE 1855

Description: de SAUSSURE 1855: 206.

Typus generis: *Odynerus sichelii* de SAUSSURE 1855.

Distribution: Australian, Ethiopian, Oriental and Palearctic Region.

Valid species: 1.

***Subancistrocerus sichelii* (de SAUSSURE 1855)**

Subancistrocerus sichelii (de SAUSSURE 1855): MADL, MATYOT & SCHÖDL 1996: 831 (Seychelles).

Subancistrocerus sichelii (de SAUSSURE 1855): GERLACH 2003: 26 (Seychelles).

Subancistrocerus sichelii (de SAUSSURE 1855): GUSENLEITNER & MADL 2009: 468 (tax., Mauritius).

**Subancistrocerus tristis* n.sp.: GIORDANI SOIKA 1992: 50 (descr. ♀, Mauritius).

Subancistrocerus tristis GIORDANI SOIKA 1992: BORSATO & RATTI 1999: 98 (cat.).

Subancistrocerus tristis GIORDANI SOIKA 1992: GUSENLEITNER & MADL 2009: 468 (syn.).

D i s t r i b u t i o n : Seychelles: Inner Seychelles (Mahé, Cerf, Round, Silhouette,

Praslin) – Mauritius: Mauritius, Rodrigues.

M a t e r i a l : Rodrigues: 1 ♂ April 1987 leg. J.R. Williams (MSIRI) – **first record**.

Known from the Oriental Region.

Genus *Tuleara* GUSENLEITNER 2000

Description: GUSENLEITNER 2000: 923.

Typus generis: *Tuleara leptochiloides* GUSENLEITNER 2000.

Distribution: Malagasy Subregion.

Valid species: 1.

Valid subspecies: 1.

***Tuleara leptochiloides leptochiloides* GUSENLEITNER 2000**

Tuleara leptochiloides n.sp.: GUSENLEITNER 2000: 923 (typ. gen., descr. ♂, Madagascar), 926 (figs 1-3).

Tuleara leptochiloides GUSENLEITNER 2000: GUSENLEITNER 2004: 1078 (tax., descr. ♂, Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: 27 km N Toliara, Tongobory.

Endemic.

***Tuleara leptochiloides nigrinus* GUSENLEITNER 2005**

Tuleara leptochiloides nigrinus n.ssp.: GUSENLEITNER 2005: 1183 (descr. ♂, Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: 32 km N Toliara (S.I.B.).

Endemic.

Genus *Zethus* FABRICIUS 1804

Description: FABRICIUS 1804: 282.

Typus generis: *Vespa coeruleopennis* FABRICIUS 1798.

Subgenus: *Madecazethus* GIORDANI SOIKA 1979.

Description: GIORDANI SOIKA 1979: 53.

Typus subgeneris: *Labus madecassus* von SCHULTHESS RECHBERG 1907.

Distribution: Australian, Ethiopian, Nearctic, Neotropical and Oriental Region. Subgenus is endemic to the Malagasy Subregion.

Valid species: 2.

***Zethus madecassus* (von SCHULTHESS RECHBERG 1907)**

Labus madecassus n.sp.: von SCHULTHESS RECHBERG 1907: 69 (descr. ♂, figs 4-7, Madagascar), 70 (fig. 8).

Labus madecassus von SCHULTHESS RECHBERG 1907: BEQUAERT 1918: 274 (cat.).

Zethus madecassus (von SCHULTHESS RECHBERG 1907): GIORDANI SOIKA 1940: 130 (key), 131 (figs 6, 15), 137 (tax., descr. ♀, Madagascar).

Zethus madecassus (von SCHULTHESS RECHBERG 1907): GIORDANI SOIKA 1973: 24 (tax., Madagascar).

Zethus (Madecazethus) madecassus (von SCHULTHESS RECHBERG 1907): GIORDANI SOIKA 1979: 53 (key, typ. subgen., descr. ♂, Madagascar), 54 (figs 44-46), 55 (tax.), 56 (figs 50-53).

Zethus madecassus (von SCHULTHESS RECHBERG 1907): GUSENLEITNER 2000: 925 (Madagascar).

Zethus (Madecazethus) madecassus (von SCHULTHESS RECHBERG 1907): BORSATO 1999: 107 (Madagascar).

Zethus (Madecazethus) madecassus (von SCHULTHESS RECHBERG 1907): GUSENLEITNER 2004: 1082 (Madagascar).

Distribution: Madagascar: Prov. Mahajanga: Lac Kinkony – Prov. Toliara: Bekily, Ranobe (N Toliara), 38 km E Sakaraha, Tongobory.

Endemic.

***Zethus seyrigi* GIORDANI SOIKA 1940**

Zethus seyrigi n.sp.: GIORDANI SOIKA 1940: 130 (key), 131 (fig. 16), 137 (descr. ♀, Madagascar).

Zethus seyrigi GIORDANI SOIKA 1940: GIORDANI SOIKA 1973: 24 (tax., Madagascar).

Zethus (Madecazethus) seyrigi GIORDANI SOIKA 1940: GIORDANI SOIKA 1979: 53 (key), 54 (tax., descr. ♂, Madagascar), 55 (figs 47-49).

Zethus (Madecazethus) seyrigi GIORDANI SOIKA 1940: BORSATO & RATTI 1999: 94 (cat.).

Zethus seyrigi GIORDANI SOIKA 1940: GUSENLEITNER 2004: 1082 (Madagascar).

Distribution: Madagascar: Prov. Toliara: Bekily, 27 km N Toliara.

Endemic.

Incertae sedis

***Odynerus adulescens* GIORDANI SOIKA 1941**

Odynerus adulescens n.sp.: GIORDANI SOIKA 1941: 178 (key, descr. ♂, Madagascar).

Odynerus adulescens GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus adulescens GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 65 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Antsirabe.

Endemic.

***Odynerus antisrabensis* GIORDANI SOIKA 1941**

Odynerus antisrabensis n.sp.: GIORDANI SOIKA 1941: 175 (key, descr. ♀, Madagascar).

Odynerus antisrabensis GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus antisrabensis GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 66 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Antsirabe.

Endemic.

***Odynerus hyalinellamellatus* GIORDANI SOIKA 1941**

Odynerus hyalinellamellatus n.sp.: GIORDANI SOIKA 1941: 174 (key, descr. ♀, Madagascar).

Odynerus hyalinellamellatus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus hyalinellamellatus GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 79 (cat.).

Distribution: Madagascar: Prov. Toliara: Bekily.

Endemic.

***Odynerus parvilamellatus* GIORDANI SOIKA 1941**

Odynerus parvilamellatus n.sp.: GIORDANI SOIKA 1941: 175 (key, descr. ♂ ♀, Madagascar).

Odynerus parvilamellatus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus parvilamellatus GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 89 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Antsirabe – Prov. Toliara: Bekily.

Endemic.

***Odynerus pensus* GIORDANI SOIKA 1937**

Odynerus (Rhynchium) pensus n.sp.: GIORDANI SOIKA 1937: 177 (descr. ♂, Madagascar).

Odynerus pensus GIORDANI SOIKA 1937: GIORDANI SOIKA 1941: 172 (key, tax., descr. ♂ ♀, Madagascar).

Odynerus pensus GIORDANI SOIKA 1937: GIORDANI SOIKA 1973: 16 (tax., Madagascar), 25 (tax., Madagascar).

Odynerus (Rhynchium) pensus GIORDANI SOIKA 1937: BORSATO & RATTI 1999: 83 (cat.).

Distribution: Madagascar: Prov. Toliara: Bekily.

Endemic.

***Odynerus puer* GIORDANI SOIKA 1941**

Odynerus puer n.sp.: GIORDANI SOIKA 1941: 175 (key, descr. ♂ ♀, Madagascar).

Odynerus puer GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus puer GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 91 (cat.).

Distribution: Madagascar: Prov. Toliara: Bekily.

Endemic.

***Odynerus sakalavus* de SAUSSURE 1890**

Odynerus sakalavus n.sp.: de SAUSSURE 1890: 161 (key), 169 (descr. ♀, Madagascar).

Odynerus sakalavus de SAUSSURE 1890: de SAUSSURE 1892: pl. 22 (figs 4, 4b).

Odynerus sakalavus de SAUSSURE 1891: de DALLA TORRE 1894: 95 (cat.).

Odynerus sakalavus de SAUSSURE 1890: de SAUSSURE 1900: 236 (key).

Odynerus sakalavus de SAUSSURE 1891: von DALLA TORRE 1904: 53 (cat.).

Odynerus (Rygchium) sakalavus de SAUSSURE 1890: BEQUAERT 1918: 310 (cat.).

Odynerus sakalavus de SAUSSURE 1890: GIORDANI SOIKA 1941: 179 (key, tax.).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be.

Endemic.

***Odynerus vatondrangyensis* GIORDANI SOIKA 1941**

Odynerus vatondrangyensis n.sp.: GIORDANI SOIKA 1941: 178 (key, descr. ♀, Madagascar).

Odynerus vatondrangyensis GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus vatondrangyensis GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 99 (cat.).

Distribution: Madagascar: Prov. Fianarantsoa: Mont Vatondrangy.

Endemic.

***Odynerus viridipictus* GIORDANI SOIKA 1941**

Odynerus viridipictus n.sp.: GIORDANI SOIKA 1941: 177 (key, descr. ♂, Madagascar).

Odynerus viridipictus GIORDANI SOIKA 1941: GIORDANI SOIKA 1973: 26 (tax., Madagascar).

Odynerus viridipictus GIORDANI SOIKA 1941: BORSATO & RATTI 1999: 99 (cat.).

1892

Distribution: Madagascar: Prov. Toliara: Bekily.
Endemic.

Subfamily Polistinae

Genus *Belonogaster* de SAUSSURE 1854

Description: de SAUSSURE 1854: 235.
Typus generis: *Vespa juncea* FABRICIUS 1781.
Distribution: Ethiopian Region.
Valid species: 28.

Belonogaster ambiko HENSEN & BLOMMERS 1987

Belonogaster ambiko n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 13 (figs 5, 6), 14 (descr. ♂, Madagascar).
Belonogaster ambiko HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 70 (cat.).
Belonogaster ambiko HENSEN & BLOMMERS 1987: KOJIMA & van ACHTERBERG 1997: 162 (cat.).
Distribution: Madagascar: Prov. Toamasina: Andasibe (Perinet).
Endemic.

Belonogaster apicalis de SAUSSURE 1900

Belonogaster apicalis n.sp.: de SAUSSURE 1900: 207 (key), 208 (descr. ♀, Madagascar).
Belonogaster apicalis de SAUSSURE 1900: von DALLA TORRE 1904: 80 (cat.).
Belonogaster apicalis de SAUSSURE 1900: du BUYSSON 1909: 214 (key), 230 (tax., descr. ♀ nest, Madagascar), 265 (cat.).
Belonogaster apicalis de SAUSSURE 1900: BEQUAERT 1918: 329 (cat.).
Belonogaster apicalis de SAUSSURE 1900: RICHARDS 1982: 47 (key), 105 (tax., descr. ♂ ♀, Madagascar), 106 (figs 85, 86).
Belonogaster apicalis de SAUSSURE 1900: HENSEN & BLOMMERS 1987: 14 (key), 15 (tax.).
Belonogaster apicalis de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 70 (cat.).
Belonogaster apicalis de SAUSSURE 1900: CARPENTER 1999: 30 (tax., Madagascar).
Belonogaster apicalis de SAUSSURE 1900: KOJIMA 2001: 11 (tax., descr. ♂, figs 13-21, Madagascar), 12 (key).
**Belonogaster malagassus* de SAUSSURE var.: de SAUSSURE 1900: 207 (descr. ♀, Madagascar).
Distribution: Madagascar: Prov. Antsiranana: Antsiranana, Montagne d'Ambre, Nosy Be – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Andekaleka (Rogez), Toamasina.
Endemic.

Belonogaster betsileo HENSEN & BLOMMERS 1987

Belonogaster betsileo n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 13 (figs 7, 8), 15 (descr. ♂, Madagascar).
Belonogaster betsileo HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 71 (cat.).
**Belonogaster brevipetiolata* de SAUSSURE 1892: RICHARDS 1982: 46 (key), 99 (fig. 80), 101 (tax., descr. ♂, Madagascar partim).
Distribution: Madagascar: Prov. Fianarantsoa: Betsileo.
Endemic.

***Belonogaster bicolor* de SAUSSURE 1900**

Belonogaster bicolor n.sp.: de SAUSSURE 1900: 207 (key), 208 (descr. ♀, Madagascar).

Belonogaster bicolor de SAUSSURE 1900: von DALLA TORRE 1904: 80 (cat.).

Belonogaster prasinus var. *bicolor* de SAUSSURE 1900: du BUYSSON 1909: 229 (tax., descr. ♀, Madagascar), 265 (cat.).

Belonogaster prasinus var. *bicolor* de SAUSSURE 1900: BEQUAERT 1918: 336 (cat.).

Belonogaster bicolor de SAUSSURE 1900: RICHARDS 1982: 47 (key), 104 (tax., descr. ♀, Madagascar).

Belonogaster bicolor de SAUSSURE 1900: HENSEN & BLOMMERS 1987: 16 (tax., Madagascar partim).

Belonogaster bicolor de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 71 (cat.).

Belonogaster bicolor de SAUSSURE 1900: KOJIMA 2001: 12 (tax., Madagascar), 13 (key, figs 23, 25, 26, 28).

Distribution: Madagascar: Prov. Antsiranana: Antsiranana, Montagne d'Ambre, Nosy Be – Prov. Antananarivo: Antananarivo – Prov. Fianarantsoa: Ranomafana.

Endemic.

***Belonogaster brevipetiolata* de SAUSSURE 1890**

Belonogaster brevipetiolatus n.sp.: de SAUSSURE 1890: 89 (key), 90 (key), 98 (descr. ♂ ♀, Madagascar partim), pl. 4 (figs 1, 1s.t.).

Belonogaster brevipetiolatus de SAUSSURE 1890: KOHL 1894: 321 (key, descr. ♂, Madagascar), 323 (key), 334 (cat.), pl. 16 (figs 95, 99, 120).

Belonogaster brevipetiolata de SAUSSURE 1891: de DALLA TORRE 1894: 114 (cat.).

Belonogaster brevipetiolatus de SAUSSURE 1890: GRIBODO 1894 (In: EMERY et al.): 57 (cat.).

Belonogaster brevipetiolatus de SAUSSURE 1890: de SAUSSURE 1900: 207 (key).

Belonogaster brevipetiolata de SAUSSURE 1891: von DALLA TORRE 1904: 80 (cat.).

Belonogaster brevipetiolatus de SAUSSURE 1890: du BUYSSON 1909: 207 (descr. nest), 208 (biol.), 209 (biol.), 214 (key), 227 (tax., descr. ♂ ♀ nest, Madagascar), 263 (Madagascar), 265 (cat.), pl. 6 (fig. 1: nest).

Belonogaster brevipetiolatus de SAUSSURE 1890: BEQUAERT 1918: 329 (cat.).

Belonogaster brevipetiolata de SAUSSURE 1892: van der VECHT 1968: 419 (fig. 4d).

Belonogaster brevipetiolata de SAUSSURE 1892: RICHARDS 1982: 46 (key), 99 (fig. 79), 101 (tax., descr. ♂ ♀ nest, Madagascar partim).

Belonogaster brevipetiolata de SAUSSURE 1891: HENSEN & BLOMMERS 1987: 12 (key), 16 (tax., Madagascar), 17 (figs 11, 12).

Belonogaster brevipetiolata de SAUSSURE 1890: WENZEL 1992a: 3 (descr. nest, Madagascar).

Belonogaster brevipetiolata de SAUSSURE 1890: KOJIMA & CARPENTER 1997: 71 (cat.).

Belonogaster brevipetiolata de SAUSSURE 1890: WENZEL 1998: 26 (cat., nest).

Belonogaster brevipetiolata de SAUSSURE 1890: CARPENTER 1999: 30 (tax., Madagascar).

Belonogaster brevipetiolata de SAUSSURE 1890: KOJIMA 2001: 10 (tax., Madagascar).

Distribution: Madagascar: Prov. Antananarivo: Andrangoloaka, Antananarivo, Mandraka, Manjakandriana – Prov. Toamasina: Ambodivoangy, Andasibe (Perinet), Baie d'Antongil – Prov. Fianarantsoa: Fianarantsoa.

Endemic.

***Belonogaster confusa* KOJIMA 2001**

Belonogaster confusa n.nom.: KOJIMA 2001: 16 (descr. ♀, Madagascar), 17 (figs 54-60), 19 (key).

**Belonogaster pictus* n.sp.: de SAUSSURE 1900: 207 (key, descr. ♀, Madagascar).

Belonogaster pictus de SAUSSURE 1900: BEQUAERT 1918: 332 (tax.).

1894

Belonogaster pictus de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 74 (tax.).

**Belonogaster hildebrandti* de SAUSSURE var.: de SAUSSURE 1900: 210 (descr. ♀, Madagascar).

D i s t r i b u t i o n : Madagascar: without locality.

Endemic.

Belonogaster pictus de SAUSSURE 1900 is a junior homonym of *B. pictus* KOHL 1894.

***Belonogaster dayi* HENSEN & BLOMMERS 1987**

Belonogaster dayi n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 13 (figs 4, 9), 16 (descr. ♂ ♀ nest, biol.), 28 (figs 36, 37), 29 (fig. 42: nest).

Belonogaster dayi HENSEN & BLOMMERS 1987: MADL 1995: 1099 (Madagascar), 1101 (cat.).

Belonogaster dayi HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 73 (cat.).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe (Perinet), Andekaleka (Rogez), Nosy Boraha (Sainte Marie).

Endemic.

***Belonogaster discifera* HENSEN & BLOMMERS 1987**

Belonogaster discifera n.sp.: HENSEN & BLOMMERS 1987: 14 (key), 17 (figs 13, 14), 18 (descr. ♂ ♀, biol., Madagascar).

Belonogaster discifera HENSEN & BLOMMERS 1987: WENZEL 1991: 506 (biol., Madagascar).

Belonogaster discifera HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 73 (cat.).

Belonogaster discifera HENSEN & BLOMMERS 1987: KOJIMA & van ACHTERBERG 1997: 166 (cat.).

Belonogaster discifera HENSEN & BLOMMERS 1987: KOJIMA 1998b: 105 (descr. larva, Madagascar), 106 (figs 654-662), 219 (cat.).

Belonogaster discifera HENSEN & BLOMMERS 1987: WENZEL 1998: 26 (cat., nest).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Manongarivo – Prov. Antananarivo: W Ambatolampy ("Ankaratra Presserre"), Mandraka.

Endemic.

***Belonogaster erythrocephala* HENSEN & BLOMMERS 1987**

Belonogaster erythrocephala n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 16, 17 (figs 15, 16), 19 (descr. ♂ ♀, Madagascar).

Belonogaster erythrocephala HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 74 (cat.).

Belonogaster erythrocephala HENSEN & BLOMMERS 1987: KOJIMA & van ACHTERBERG 1997: 166 (cat.).

Belonogaster erythrocephala HENSEN & BLOMMERS 1987: CARPENTER 1999: 30 (tax., Madagascar).

**Belonogaster brevipetiolata* de SAUSSURE 1890: RICHARDS 1982: 101 (Madagascar partim).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Be – Prov. Toamasina: Fampanambo.

Endemic.

***Belonogaster eumenoides* de SAUSSURE 1890**

Belonogaster eumenoides n.sp.: de SAUSSURE 1890: 89 (key), 90 (key), 94 (descr. ♀, Madagascar), pl. 17 (fig. 12).

Belonogaster eumenoides de SAUSSURE 1890: KOHL 1894: 335 (cat.).

- Belonogaster eumenoides* de SAUSSURE 1891: de DALLA TORRE 1894: 114 (cat.).
Belonogaster eumenoides de SAUSSURE 1890: de SAUSSURE 1900: 207 (key), 209 (tax., descr. ♂ ♀, Madagascar).
Belonogaster eumenoides de SAUSSURE 1891: von DALLA TORRE 1904: 80 (cat.).
Belonogaster eumenoides de SAUSSURE 1890: du BUYSSON 1909: 215 (key), 234 (tax., descr. ♂ ♀ nest, Madagascar), 263 (Madagascar), 265 (cat.), pl. 4 (fig. 6).
Belonogaster eumenoides de SAUSSURE 1890: BEQUAERT 1918: 330 (cat. partim).
Belonogaster eumenoides de SAUSSURE 1890: RICHARDS 1982: 47 (key), 110 (tax., descr. ♂ ♀, biol., Madagascar), 109 (figs 91, 92).
Belonogaster eumenoides de SAUSSURE 1891: HENSEN & BLOMMERS 1987: 14 (key), 13 (fig. 2), 17 (figs 17-19), 20 (tax., descr. ♂ ♀ nest, biol., Madagascar), 29 (fig. 43: nest).
Belonogaster eumenoides de SAUSSURE 1891: GIORDANI SOIKA 1991a: 82 (Madagascar).
Belonogaster eumenoides de SAUSSURE 1890: KOJIMA & CARPENTER 1997: 74 (cat.).
Belonogaster eumenoides de SAUSSURE 1890: WENZEL 1998: 26 (cat., nest).
Belonogaster eumenoides de SAUSSURE 1890: CARPENTER 1999: 31 (tax., Madagascar).
Belonogaster eumenoides de SAUSSURE 1890: KOJIMA 2001: 13 (tax., Madagascar), 14 (figs 29-34), 15 (fig. 35), 19 (key).

Distribution: Madagascar: Prov. Antsiranana: Antsiranana, Nosy Be – Prov. Antananarivo: 17 km W Ambatolampy, Andrangoloaka, Angavokely, Antananarivo, Mandraka – Prov. Toamasina: Andasibe (Perinet) – Prov. Toliara: Fort-Dauphin.

Endemic.

***Belonogaster fanemitra* HENSEN & BLOMMERS 1987**

- Belonogaster fanemitra* n.sp.: HENSEN & BLOMMERS 1987: 14 (key), 21 (fig. 20), 22 (descr. ♂ ♀, Madagascar).
Belonogaster fanemitra HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 75 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Manongarivo – Prov. Toamasina: Andasibe (Perinet).

Endemic.

***Belonogaster ferruginea* RICHARDS 1982**

- Belonogaster ferruginea* n.sp.: RICHARDS 1982: 36 (key), 40, 52 (descr. ♀, Comoros).
Belonogaster ferruginea RICHARDS 1982: KOJIMA & CARPENTER 1997: 75 (cat.).

Distribution: Comoros: Grande Comore.

Endemic.

***Belonogaster grisea* (FABRICIUS 1775)**

- Belonogaster griseus* (FABRICIUS 1775): von SCHULTHESS RECHBERG 1907: 64 (Mayotte), 72 (cat., Mayotte).
Belonogaster griseus (FABRICIUS 1775): BEQUAERT 1918: 331 (cat.).

Distribution: Mayotte.

Known from the Ethiopian Region.

***Belonogaster guerini* (de SAUSSURE 1853)**

- Raphigaster guerini* n.sp.: de SAUSSURE 1853: 13 (key), 17 (descr. ♀, Madagascar), pl. 2 (figs 3, 3a).

- Belonogaster guerini* (de SAUSSURE 1853): SMITH 1857: 94 (cat.).
Belonogaster guerini (de SAUSSURE 1853): de SAUSSURE 1890: VII, 89 (key), 90 (key), 91 (tax., descr. ♂ ♀, Madagascar), 93 (tax.).
Belonogaster guerini (de SAUSSURE 1858): KOHL 1894: 335 (cat.).
Belonogaster guerini (de SAUSSURE 1853): de DALLA TORRE 1894: 115 (cat.).
Belonogaster guerini (de SAUSSURE 1853): GRIBODO 1894 (In: EMERY et al.): 57 (tax., cat.).
Belonogaster guerini (de SAUSSURE 1853): von DALLA TORRE 1904: 80 (cat.).
Belonogaster guerini (de SAUSSURE 1853): von SCHULTHESS RECHBERG 1907: 63 (Comoros, Madagascar), 72 (cat., Comoros).
Belonogaster guerini (de SAUSSURE 1853): du BUYSSON 1909: 214 (key), 225 (tax., descr. ♂ ♀ nest, biol., Madagascar), 266 (cat.), pl. 5 (figs 8-14).
Belonogaster guerini (de SAUSSURE 1853): BEQUAERT 1918: 332 (cat.).
Belonogaster guerini (de SAUSSURE 1853): SALT & BEQUAERT 1929: 262 (cat.).
Belonogaster guerini (de SAUSSURE 1853): RICHARDS 1982: 46 (key), 102 (tax., descr. ♂ ♀ nest, Madagascar), 106 (fig. 81).
Belonogaster guerini (de SAUSSURE 1853): HENSEN & BLOMMERS 1987: 12 (key), 23 (tax., Madagascar), 29 (fig. 44: nest).
Belonogaster guerini (de SAUSSURE 1853): MADL 1995: 1101 (cat.).
Belonogaster guerini (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 78 (cat.).
Belonogaster guerini (de SAUSSURE): van VONDEL 1995: 24 (Madagascar, cat.).
Belonogaster guerini (de SAUSSURE 1853): WENZEL 1998: 27 (cat., nest).
Belonogaster guerini (de SAUSSURE 1853): KOJIMA 1998b: 106 (descr. larva, Madagascar), 107 (figs 663-673), 219 (cat.).

Distribution: Comoros: Anjouan – Madagascar: Prov. Antsiranana: Antsiranana, 68 km S Antsiranana, Iharana, Montagne d'Ambre, Nosy Be – Prov. Antananarivo: Ambohimanga – Prov. Toamasina: Ambila-Lemaitso, Ambohijarina, Andasibe (Perinet), Antanambe, Baie d'Antongil, Fanandrana, Farafate, Fenoarivo, Toamasina, Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Ikongo, Ranomafana – Prov. Toliara: Fort-Dauphin.

Endemic to the Malagasy Subregion.

***Belonogaster hildebrandti* de SAUSSURE 1890**

- Belonogaster hildebrandti* n.sp.: de SAUSSURE 1890: 89 (key), 90 (key), 93 (tax.), 95 (descr. ♂ ♀, Madagascar), pl. 17 (figs 11, 11c,t).
Belonogaster hildebrandti de SAUSSURE 1890: KOHL 1894: 335 (cat.).
Belonogaster hildebrandti de SAUSSURE 1891: de DALLA TORRE 1894: 115 (cat.).
Belonogaster hildebrandti de SAUSSURE 1890: de SAUSSURE 1900: 207 (key).
Belonogaster hildebrandti de SAUSSURE 1891: von DALLA TORRE 1904: 80 (cat.).
Belonogaster hildebrandti de SAUSSURE 1890: du BUYSSON 1909: 214 (key), 232 (tax., descr. ♂ ♀ nest, Madagascar), 266 (cat.), pl. 4 (fig. 5), pl. 5 (figs 5, 7).
Belonogaster hildebrandti de SAUSSURE 1890: BEQUAERT 1918: 333 (cat.).
Belonogaster hildebrandti de SAUSSURE 1892: RICHARDS 1982: 47 (key), 108 (tax., descr. ♂ ♀, Madagascar), 109 (fig. 90).
Belonogaster hildebrandti de SAUSSURE 1892: NILSSON et al. 1985: 227 (table 1: biol., Madagascar).
Belonogaster hildebrandti de SAUSSURE 1891: HENSEN & BLOMMERS 1987: 14 (key), 23 (tax., Madagascar).
Belonogaster hildebrandti de SAUSSURE 1890: KOJIMA & CARPENTER 1997: 79 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Pointe d'Ankify – Prov. Antananarivo: Ambohitantely Reserve – Prov. Toamasina: Nosy Boraha (Sainte Marie) –

Prov. Fianarantsoa: Betsileo – Prov. Toliara: Vallée de Fanjahira (Isaka), Mahafaly.
Endemic.

***Belonogaster madecassa* (de SAUSSURE 1853)**

Raphigaster madecassus n.sp.: de SAUSSURE 1853: 13 (key), 16 (descr. ♀, Madagascar), pl. 2 (fig. 7).

Belonogaster madecassus (de SAUSSURE 1853): SMITH 1857: 94 (cat.).

Belonogaster madecassus de SAUSSURE 1853: de SAUSSURE 1890: 89 (key), 90 (key), 98 (tax., descr. ♀, Madagascar).

Belonogaster madecassus (de SAUSSURE 1858): KOHL 1894: 337 (cat.).

Belonogaster madecassa (de SAUSSURE 1853): de DALLA TORRE 1894: 116 (cat.).

Belonogaster madecassus (de SAUSSURE 1853): GRIBODO 1894 (In: EMERY et al.): 57 (tax., cat.).

Belonogaster madecassus (de SAUSSURE 1853): de SAUSSURE 1900: 207 (key), 211 (tax., Madagascar)

Belonogaster madecassa (de SAUSSURE 1853): von DALLA TORRE 1904: 80 (cat.).

Belonogaster madecassus (de SAUSSURE 1853): du BUYSSON 1909: 261 (tax., cat.), 266 (cat.).

Belonogaster madecassus (de SAUSSURE 1853): BEQUAERT 1918: 335 (cat.).

Belonogaster madecassa (de SAUSSURE 1853): RICHARDS 1982: 46 (key), 103 (tax., descr. ♂ ♀, Madagascar), 106 (figs 82, 83).

Belonogaster madecassa (de SAUSSURE 1853): HENSEN & BLOMMERS 1987: 12 (key), 13 (figs 1, 3), 21 (figs 21, 22), 23 (tax., biol., Comoros, Madagascar), 29 (fig. 45: nest).

Belonogaster madecassus (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 82 (Madagascar).

Belonogaster madecassa (de SAUSSURE 1853): MADL 1995: 1099 (Madagascar), 1101 (cat.).

Belonogaster madecassa (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 84 (cat.).

Belonogaster madecassa (de SAUSSURE 1853): KOJIMA 1998b: 108 (figs 674-683), 109 (descr. larva, Madagascar), 219 (cat.).

**Belonogaster keiseri* n.sp.: RICHARDS 1982: 46 (key), 104 (descr. ♂, Madagascar), 106 (fig. 84).

Belonogaster keiseri RICHARDS 1982: HENSEN & BLOMMERS 1987: 23 (syn.).

Belonogaster keiseri RICHARDS 1982: KOJIMA & van ACHTERBERG 1997: 162 (cat.).

**Belonogaster longistylus* n.sp.: de SAUSSURE 1890: 89 (key), 90 (key), 97 (tax., descr. ♀, Madagascar), 98, pl. 17 (figs 13, 13c).

Belonogaster longistylus de SAUSSURE 1890: KOHL 1894: 336 (cat.).

Belonogaster longistyla de SAUSSURE 1891: de DALLA TORRE 1894: 116 (cat.).

Belonogaster longistylus de SAUSSURE 1890: de SAUSSURE 1900: 207 (key), 211.

Belonogaster longistyla de SAUSSURE 1890: von DALLA TORRE 1904: 80 (cat.).

Belonogaster longistylus de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 64 (Mayotte, Madagascar), 72 (cat., Mayotte).

Belonogaster longistylus de SAUSSURE 1890: du BUYSSON 1909: 214 (key), 231 (tax., descr. ♀, Madagascar), 266 (cat.).

Belonogaster longistylus de SAUSSURE 1890: BEQUAERT 1918: 335 (cat.).

Belonogaster longistylus de SAUSSURE 1890: RICHARDS 1982: 103 (syn.).

Belonogaster longistylus de SAUSSURE 1890: CARPENTER 1999: 31 (tax., Madagascar).

Belonogaster longistylus de SAUSSURE 1890: KOJIMA 2001: 19 (tax., Madagascar).

Distribution: Comoros: Grande Comore – Mayotte – Madagascar: Prov. Antsiranana: Ambanja, Ambohitra, Pointe d'Ankify, Iharana, Nosy Be – Prov. Mahajanga: Ampijoroa, Andriba, Maromandia – Prov. Antananarivo: Mandraka – Prov. Toamasina: Ambila, Baie d'Antongil, Fanandrana, Ivoloïna, Mahavelona, Toamasina, Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Ihosy, Ranomafana – Prov. Toliara: Bekily, Beroboka, Vallée de Fanjahira (Isaka), Fort-Dauphin, Sept Lacs.

Endemic.

***Belonogaster malagassa* de SAUSSURE 1900**

Belonogaster malagassus n.sp.: de SAUSSURE 1900: 207 (key), 210 (descr. ♀, Madagascar).

Belonogaster malagassa de SAUSSURE 1900: von DALLA TORRE 1904: 80 (cat.).

Belonogaster malagassus de SAUSSURE 1900: du BUYSSON 1909: 214 (key), 230 (tax., descr. ♀, Madagascar), 266 (cat.).

Belonogaster malagassus de SAUSSURE 1900: BEQUAERT 1918: 335 (cat.).

Belonogaster malagassus de SAUSSURE 1900: RICHARDS 1982: 110 (tax.).

Belonogaster malagassa de SAUSSURE 1900: KOJIMA 2001: 12 (tax., Madagascar), 13 (key, figs 22, 24, 27).

**Belonogaster bicolor* de SAUSSURE 1900: HENSEN & BLOMMERS 1987: 12 (key), 13 (fig. 10), 16 (sen. syn.).

Belonogaster bicolor de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 71 (cat. partim).

Distribution: Madagascar: Prov. Antsiranana: Région d'Ambanja, Nosy Be – Prov. Antananarivo: Antananarivo – Prov. Fianarantsoa: Ranomafana.

Endemic.

***Belonogaster mandraka* HENSEN & BLOMMERS 1987**

Belonogaster mandraka n.sp.: HENSEN & BLOMMERS 1987: 14 (key), 16, 21 (fig. 23), 23 (descr. ♀, biol., Madagascar).

Belonogaster mandraka HENSEN & BLOMMERS 1987: MADL 1995: 1100 (Madagascar), 1101 (cat.).

Belonogaster mandraka HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 84 (cat.).

Belonogaster mandraka HENSEN & BLOMMERS 1987: KOJIMA & van ACHTERBERG 1997: 167 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Mandraka.

Endemic.

***Belonogaster maromandia* RICHARDS 1982**

Belonogaster maromandia n.sp.: RICHARDS 1982: 47 (key), 108 (descr. ♀, Madagascar).

Belonogaster maromandia RICHARDS 1982: HENSEN & BLOMMERS 1987: 14 (key), 24 (tax., descr. ♂, Madagascar), 28 (figs 40, 41).

Belonogaster maromandia RICHARDS 1982: KOJIMA & CARPENTER 1997: 84 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Région d'Ambanja – Prov. Mahajanga: Maromandia.

Endemic.

***Belonogaster ornata* de SAUSSURE 1900**

Belonogaster ornatus n.sp.: de SAUSSURE 1900: 207 (key), 209 (descr. ♂ ♀, Madagascar).

Belonogaster ornata de SAUSSURE 1900: von DALLA TORRE 1904: 80 (cat.).

Belonogaster ornatus de SAUSSURE 1900: RICHARDS 1982: 110 (tax.).

Belonogaster ornata de SAUSSURE 1900: HENSEN & BLOMMERS 1987: 14 (key), 21 (figs 24, 25), 25 (tax., descr. ♂ ♀, Madagascar partim).

Belonogaster ornata de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 85 (cat.).

Belonogaster ornata de SAUSSURE 1900: KOJIMA 2001: 16 (tax., Madagascar), 19 (key).

**Belonogaster eumenoides* de SAUSSURE 1890: du BUYSSON 1909: 234 (sen. syn.), 266 (cat.).

Belonogaster eumenoides de SAUSSURE 1890: BEQUAERT 1918: 330 (cat. partim).

1899

Distribution: Madagascar: Prov. Toamasina: Andasibe (Perinet), Fampanambo, Ivondro – Prov. Toliara: Fort-Dauphin.

Endemic.

The material studied by HENSEN & BLOMMERS (1989) requires confirmation, because *B. ornatus* and *B. pomicolor* are now considered good species.

***Belonogaster pomicolor* de SAUSSURE 1900**

Belonogaster pomicolor n.sp.: de SAUSSURE 1900: 207 (key), 209 (descr. ♂ ♀, Madagascar).

Belonogaster pomicolor de SAUSSURE 1900: von DALLA TORRE 1904: 80 (cat.).

Belonogaster pomicolor de SAUSSURE 1900: RICHARDS 1982: 110 (tax.).

Belonogaster pomicolor de SAUSSURE 1900: KOJIMA 2001: 17 (tax., Madagascar), 18 (figs 61-72), 19 (key).

**Belonogaster eumenoides* de SAUSSURE 1890: du BUYSSON 1909: 234 (sen. syn.), 266 (cat.).

Belonogaster eumenoides de SAUSSURE 1890: BEQUAERT 1918: 330 (cat. partim).

**Belonogaster ornata* de SAUSSURE 1900: HENSEN & BLOMMERS 1987: 25 (sen. syn.).

Belonogaster ornata de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 85 (cat. partim).

Distribution: Madagascar: Prov. Toamasina: Andekaleka (Rogez).

Endemic.

***Belonogaster prasina* de SAUSSURE 1890**

Belonogaster prasinus n.sp.: de SAUSSURE 1890: 89 (key), 90 (key), 92 (descr. ♂ ♀, Madagascar), pl. 19 (fig. 5).

Belonogaster prasinus de SAUSSURE 1890: KOHL 1894: 337 (cat.).

Belonogaster prasina de SAUSSURE 1891: de DALLA TORRE 1894: 116 (cat.).

Belonogaster prasinus de SAUSSURE 1890: de SAUSSURE 1900: 207 (key).

Belonogaster prasina de SAUSSURE 1891: von DALLA TORRE 1904: 80 (cat.).

Belonogaster prasinus de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 63 (Madagascar).

Belonogaster prasinus de SAUSSURE 1890: du BUYSSON 1909: 214 (key), 228 (tax., descr. ♂ ♀, Madagascar), 266 (cat.).

Belonogaster prasinus de SAUSSURE 1890: BEQUAERT 1918: 335 (cat.).

Belonogaster prasina de SAUSSURE 1892: RICHARDS 1982: 47 (key), 105, 106 (fig. 87), 107 (tax., descr. ♂ ♀, Madagascar), 109 (figs 88, 89).

Belonogaster prasina de SAUSSURE 1891: HENSEN & BLOMMERS 1987: 14 (key), 26 (tax., Madagascar).

Belonogaster prasina de SAUSSURE 1892: MADL 1995: 1100 (Madagascar), 1101 (cat.).

Belonogaster prasina de SAUSSURE 1890: KOJIMA & CARPENTER 1997: 87 (cat.).

Belonogaster prasina de SAUSSURE 1890: CARPENTER 1999: 31 (tax., Madagascar).

Belonogaster prasina de SAUSSURE 1890: KOJIMA 2001: 19 (tax.).

Belonogaster prasina de SAUSSURE 1890: PAULY 2003: (In: PAULY et al.): 92 (tax., Madagascar), 97 (figs 1, 2).

Distribution: Madagascar: Prov. Antsiranana: Ambohitra, Antsiranana, Cap d'Ambre, Région d'Ambanja, Vallée du Sambirano, Nosy Be – Prov. Toamasina: Andasibe (Perinet), Baie d'Antongil, Antsihanaka, Fampanambo, 25 km W Morarano-Chrome, Toamasina, Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Ranomafana – Prov. Toliara: near Fort-Dauphin, Mandena, Vallée d'Ambolo, Zombitsy.

Endemic.

1900

***Belonogaster schulthessi* KOJIMA 2001**

Belonogaster schulthessi n.sp.: KOJIMA 2001: 14 (descr. ♂ ♀, Madagascar), 15 (figs 36-47), 19 (key).

Distribution: Madagascar: Prov. Toamasina: Andekaleka (Rogez).

Endemic.

***Belonogaster scutifera* HENSEN & BLOMMERS 1987**

Belonogaster scutifera n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 14 (key), 21 (figs 26-28), 26 (descr. ♂ ♀, Madagascar).

Belonogaster scutifera HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 88 (cat.).

Distribution: Madagascar: Prov. Toamasina: Ambodivoangy, Fampanambo.

Endemic.

***Belonogaster tanosy* HENSEN & BLOMMERS 1987**

Belonogaster tanosy n.sp.: HENSEN & BLOMMERS 1987: 14 (key), 20, 21 (fig. 29), 25 (figs 30, 31), 27 (descr. ♂ ♀).

Belonogaster tanosy HENSEN & BLOMMERS 1987: MADL 1995: 1100 (Madagascar), 1101 (cat.).

Belonogaster tanosy HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 88 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Vallée du Sambirano – Prov. Toamasina: Fenoarivo, Nosy Boraha (Sainte Marie) – Prov. Toliara: Fort-Dauphin.

Endemic.

***Belonogaster tipuliformis* HENSEN & BLOMMERS 1987**

Belonogaster tipuliformis n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 25 (fig. 32), 28 (descr. ♀, Madagascar).

Belonogaster tipuliformis HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 89 (cat.).

Belonogaster tipuliformis HENSEN & BLOMMERS 1987: KOJIMA & van ACHTERBERG 1997: 162 (cat.).

Distribution: Madagascar: Prov. Antsiranana: Manongarivo – Prov. Toamasina: Andasibe (Perinet).

Endemic.

***Belonogaster trandraka* HENSEN & BLOMMERS 1987**

Belonogaster trandraka n.sp.: HENSEN & BLOMMERS 1987: 12 (key), 25 (figs 33, 34), 30 (descr. ♀, Madagascar).

Belonogaster trandraka HENSEN & BLOMMERS 1987: MADL 1995: 1100 (Madagascar), 1101 (cat.).

Belonogaster trandraka HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 89 (cat.).

Distribution: Madagascar: Prov. Toamasina: Ambodivoangy, Nosy Boraha (Sainte Marie).

Endemic.

***Belonogaster vadoni* HENSEN & BLOMMERS 1987**

Belonogaster vadoni n.sp.: HENSEN & BLOMMERS 1987: 14 (key), 25 (fig. 35), 30 (descr. ♀, Madagascar).

Belonogaster vadoni HENSEN & BLOMMERS 1987: KOJIMA & CARPENTER 1997: 89 (cat.).

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

Endemic.

Genus *Polistes* LATREILLE 1802

Description: LATREILLE 1802: 363.

Typus generis: *Vespa gallica* LINNAEUS 1758.

Subgenera: *Gyrostoma* KIRBY & SPENCE 1828, *Polistella* ASHMEAD 1904, *Polistes* LATREILLE 1802.

Distribution: All zoogeographical regions.

Valid species: 7.

***Polistes albicinctus* de SAUSSURE 1890**

Polistes albicinctus n.sp.: de SAUSSURE 1890: 144 (key), 148 (descr. ♀, Madagascar), pl. 18 (fig. 21).

Polistes albicinctus de SAUSSURE 1891: de DALLA TORRE 1894: 122 (cat.).

Polistes albocinctus de SAUSSURE 1890: de SAUSSURE 1900: 234 (tax., descr. ♂, Madagascar).

Polistes albicinctus de SAUSSURE 1891: von DALLA TORRE 1904: 68 (cat.).

Polistes albicinctus de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 68 (key).

Polistes albicinctus de SAUSSURE 1890: BEQUAERT 1918: 345 (cat.).

Polistes marginalis var. *albicinctus* de SAUSSURE 1890: von SCHULTHEß RECHBERG 1921: 149 (key).

Polistes marginalis var. *albicinctus* de SAUSSURE 1890: BEQUAERT 1938: 142 (key, tax., Madagascar).

Polistes albicinctus de SAUSSURE 1891: GIORDANI SOIKA 1991a: 84 (tax., Madagascar).

Polistes (Polistes) albicinctus de SAUSSURE 1890: CARPENTER 1996: 18 (tax., cat.).

Polistes albicinctus de SAUSSURE 1890: CARPENTER 1999: 23 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Angavokely, Antananarivo, Mandritsara.

Endemic.

***Polistes albocalcaratus* du BUYSSON 1905**

Polistes albocalcaratus n.sp.: du BUYSSON 1905: 257 (descr. ♂ ♀, Madagascar).

Polistes albocalcaratus du BUYSSON 1905: von SCHULTHESS RECHBERG 1907: 69 (key).

Polistes albocalcaratus du BUYSSON 1905: BEQUAERT 1918: 345 (cat.).

Polistes albocalcaratus du BUYSSON 1905: von SCHULTHEß RECHBERG 1921: 123 (tax.), 146 (key).

Polistes smithii var. *albocalcaratus* du BUYSSON 1905: BEQUAERT 1938: 147 (key), 148 (tax., Madagascar).

Polistes (Polistella) albocalcaratus du BUYSSON 1905: CARPENTER 1996: 9 (tax., cat.).

Polistes (Polistella) albocalcaratus du BUYSSON 1905: WENZEL 1998: 25 (cat., nest).

Polistes (Polistella) albocalcaratus du BUYSSON 1905: KOJIMA 1998b: 20 (descr. larva, figs 69-79, Madagascar), 212 (cat.).

Polistes albocalcaratus du BUYSSON 1905: CARPENTER 1999: 23 (tax., Madagascar).

1902

Distribution: Madagascar: Prov. Toamasina: Fenoarivo – Prov. Fianarantsoa: Foret de Tanala – Prov. Toliara: Fort-Dauphin.

Endemic.

***Polistes bituberculatus* du BUYSSON 1905**

Polistes bituberculatus n.sp.: du BUYSSON 1905: 257 (descr. ♂ ♀, Madagascar).

Polistes bituberculatus du BUYSSON 1905: von SCHULTHESS RECHBERG 1907: 69 (key).

Polistes bituberculatus du BUYSSON 1905: BEQUAERT 1918: 346 (cat.).

Polistes smithii var. *bituberculatus* du BUYSSON 1905: von SCHULTHESS RECHBERG 1921: 123 (tax.), 124 (tax.), 126 (tax.), 146 (key).

Polistes smithii var. *bituberculatus* du BUYSSON 1905: BEQUAERT 1928: 174 (tax.).

Polistes saussurei var. *bituberculatus* du BUYSSON 1905: BEQUAERT 1938: 146 (key, tax., Madagascar).

Polistes (Polistella) bituberculatus du BUYSSON 1905: CARPENTER 1996: 10 (tax., cat.).

Polistes bituberculatus du BUYSSON 1905: CARPENTER 1999: 24 (tax., Madagascar).

**Polistes smithii* de SAUSSURE 1853: de SAUSSURE 1890: 144 (key), 146 (tax., descr. ♂ ♀, Madagascar).

Polistes smithii de SAUSSURE 1853: de SAUSSURE 1900: 233 (tax.).

Distribution: Madagascar: Prov. Fianarantsoa: Ikongo (Ankarimbelo) – Prov. Toliara: Isaka.

Endemic.

***Polistes madecassus* de SAUSSURE 1853**

Polistes madecassus n.sp.: de SAUSSURE 1853: 51 (descr. ♀, Madagascar).

Polistes madecassus de SAUSSURE 1853: SMITH 1857: 105 (cat.).

Polistes madecassus de SAUSSURE 1853: de SAUSSURE 1890: 144 (key, tax., descr. ♀, Madagascar), pl. 4 (fig. 8).

Polistes madecassus de SAUSSURE 1853: de DALLA TORRE 1894: 131 (cat.).

Polistes madecassus de SAUSSURE 1853: von DALLA TORRE 1904: 68 (cat.).

Polistes madecassus de SAUSSURE 1853: von SCHULTHESS RECHBERG 1907: 66 (tax., descr. ♂, figs 1-3, Madagascar), 68 (key).

Polistes madecassus de SAUSSURE 1853: BEQUAERT 1918: 255 (tax.), 256 (tax.), 347 (cat.).

Polistes madecassus de SAUSSURE 1890: von SCHULTHESS RECHBERG 1921: 123 (tax.), 145 (key).

Polistes madecassus madecassus de SAUSSURE 1853: BEQUAERT 1938: 134 (key), 138 (tax.), 139 (key, tax.).

Polistes madecassus de SAUSSURE 1892: MADL 1995: 1100 (Madagascar), 1101 (cat.).

Polistes (Polistella) madecassus de SAUSSURE 1853: CARPENTER 1996: 13 (tax., cat.).

Polistes (Polistella) madecassus de SAUSSURE 1853: WENZEL 1998: 25 (cat., nest).

Polistes madecassus de SAUSSURE 1853: CARPENTER 1999: 27 (tax., Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Toamasina: Nosy Boraha (Sainte Marie).

Endemic.

***Polistes olivaceus* (DEGEER 1773)**

Polistes olivaceus (DEGEER 1773): BEQUAERT 1938: 132 (key), 145 (tax., Seychelles, Madagascar, Mauritius, Rodrigues).

Polistes olivaceus (DeGeer 1773): Vesey-Fitzgerald 1957: 362 (biol., Seychelles).

Polistes olivaceus (DEGEER 1773): GIORDANI SOIKA 1974a: 70 (cat.).

- Polistes (Megapolistes) olivaceus* (DEGEER 1773): RICHARDS 1978: 13 (descr. nest, Seychelles).
Polistes olivaceus (DEGEER 1773): MADL 1995: 1100 (Madagascar), 1101 (cat.).
Polistes olivaceus (DEGEER 1773): MADL, MATYOT & SCHÖDL 1996: 830 (Seychelles).
Polistes (Gyrostoma) olivaceus (DEGEER 1773): CARPENTER 1996: 5 (tax., cat.).
Polistes olivaceus (DEGEER 1773): GERLACH, MATYOT & SAARISTO 1997: 28 (cat., Seychelles).
Polistes (Gyrostoma) olivaceus (DEGEER 1773): WENZEL 1998: 25 (cat., nest), 28 (fig. 15C: nest, Madagascar).
Polistes (Gyrostoma) olivaceus (DEGEER 1773): KOJIMA 1998b: 15 (descr. larva, Madagascar), 16 (figs 39-46), 212 (cat.).
Polistes olivaceus (DEGEER 1773): ARIDE ISLAND RESEARCH GROUP 1999: 52 (Seychelles).
Polistes olivaceus (DEGEER 1773): GERLACH, WILLI & GERLACH 2001: 38 (Seychelles).
Polistes olivaceus (DEGEER 1773): HARDING & THOMPSON 2002: 54 (biol., Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002ca: 19 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002cb: 40 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002cc: 60 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002da: 82 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002cd: 105 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002a: 127 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002db: 146 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002b: 166 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002ce: 186 (Seychelles).
Polistes olivaceus (DEGEER 1773): HILL et al. 2002cf: 210 (Seychelles).
Polistes olivaceus (DEGEER 1773): GERLACH 2003: 26 (Seychelles).
Polistes olivaceus (DEGEER 1773): MADL 2006: 1500 (Seychelles), 1502 (table 1: cat.).
Polistes olivaceus (DEGEER 1773): GUSENLEITNER & MADL 2009: 468 (Mauritius).
**Polistes hebraeus* (FABRICIUS 1787): LEPELETIER de SAINT-FARGEAU 1836: 525 (descr. ♀, Mauritius).
Polistes hebraeus (FABRICIUS 1787): de SAUSSURE 1853b: 53 (tax., Mauritius), pl. 7 (fig. 1).
Polistes hebraeus (FABRICIUS 1787): SMITH 1857: 102 (Mauritius, cat.).
Polistes hebraeus FABRICIUS 1773: GERSTAECKER 1873: 325 (Seychelles).
Polistes hebraeus (FABRICIUS 1787): SMITH 1879: 534 (cat.), 537 (Rodrigues).
Polistes hebraeus (FABRICIUS 1804): de SAUSSURE 1890: 143 (descr. nest, fig. D: nest, Madagascar), 144 (key, tax., descr. ♂ ♀, Madagascar, Réunion, Mauritius).
Polistes hebraeus (FABRICIUS 1787): de DALLA TORRE 1894: 130 (cat.).
Polistes hebraeus (FABRICIUS 1787): PÉREZ 1895: 206 (tax.), 211 (Seychelles).
Polistes hebraeus (FABRICIUS 1787): von DALLA TORRE 1904: 70 (cat.).
Polistes hebraeus (FABRICIUS 1787): SCHULZ 1905: 490 (descr. nest, Mauritius).
Polistes hebraeus (FABRICIUS 1787): CAMERON 1907: 71 (tax., biol., Seychelles, Mauritius).
Polistes hebraeus (FABRICIUS 1787): von SCHULTHESS RECHBERG 1907: 66 (Madagascar), 68 (key).
Polistes hebraeus (FABRICIUS 1787): EDWARDS 1925: 382 (tax., biol., Mauritius).
Polistes hebraeus (FABRICIUS 1787): VINSON 1925: 416 (biol., Mauritius).
Polistes hebraeus (FABRICIUS 1787): MOUTIA & VINSON 1945: 29 (biol., Mauritius).
Polistes hebraeus (FABRICIUS 1804): MOUTIA & MAMET 1947: 32 (cat., Mauritius).
Polistes hebraeus (FABRICIUS 1804): WILLIAMS 1951: 461 (biol., Mauritius).
Polistes hebraeus (FABRICIUS 1804): WILLIAMS & MAMET 1954: 6 (cat., Mauritius).
Polistes hebraeus (FABRICIUS 1804): WILLIAMS 1958: 122 (Mauritius).
Polistes hebraeus (FABRICIUS 1804): ANONYMUS 1975: 48 (biol. (as cane pest), Mauritius).
Polistes hebraeus (FABRICIUS 1804): WILLIAMS 1978: 9 (cat., Mauritius).
Polistes hebraeus (FABRICIUS 1804): MAMET & WEBB-GEBERT 1980: 68 (biol., Mauritius).
Polistes hebraeus (FABRICIUS 1787): MOREL & FOUILLAUD 1992: 210 (biol., Réunion).
Polistes hebraeus (FABRICIUS 1787): FOUILLAUD & MOREL 1994: 89 (biol., Réunion).
Polistes hebraeus (FABRICIUS 1787): FOILLAUD & MOREL 1995: 298 (biol., Réunion).

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Polistes hebraeus (FABRICIUS 1787): MOREL & FOILLAUD 1995: 137 (biol., Réunion), 139 (table 1: biol., distr.).

Polistes hebraeus (FABRICIUS 1787): QUILICI, VINCENOT & FRANCK 2003: 87 (biol., Réunion), 154 (cat., Réunion).

Polistes hebraeus (FABRICIUS 1804): HANSEN et al. 2007: 536 (fig. 1f), 538 (biol., Mauritius), 539 (fig. 2).

**Polistes macaensis* (FABRICIUS 1793): MEADE-WALDO 1912: 44 (tax., biol., Seychelles).

Polistes macaensis (FABRICIUS 1793): BEQUAERT 1918: 346 (tax., cat.).

Polistes macaensis (FABRICIUS 1793): SNELL & TAMS 1920: 289 (tax., Rodrigues).

Polistes macaensis (FABRICIUS 1793): von SCHULTHEß RECHBERG 1921: 147 (key).

Polistes macaensis (FABRICIUS 1793): VESEY-FITZGERALD 1939: 433 (biol., Seychelles)

**Polistes* sp.: WESTWOOD 1836: 174 (Mauritius).

Polistes sp.: LINELL 1897: 696 (Seychelles).

Polistes sp.: SCOTT 1933: 366 (biol., Seychelles).

Polistes sp.: VESEY-FITZGERALD 1940: 336 (biol., Seychelles).

Distribution: Seychelles: Inner Seychelles (Mahé, Cachée, Conception, Moyenne, Thérèse, Silhouette, North, Praslin, Aride, Curieuse, La Digue, Félicité, Grande Soeur, Marianne, Bird, Denis), Amirantes (D'Arros, Desroches) – Madagascar: Prov. Toamasina: Fenoarivo, Toamasina, Nosy Boraha (Sainte Marie) – Prov. Toliara: Fort-Dauphin – Réunion: Réunion – Mauritius: Mauritius, Rodrigues.

Known from the Australian, Ethiopian, Oriental and Palearctic Region. The record from Comoros (von SCHULTHEß RECHBERG 1907: 73) requires confirmation.

***Polistes saussurei* de DALLA TORRE 1894**

Polistes saussurei n.nom.: de DALLA TORRE 1894: 134 (tax., cat.).

Polistes saussurei de DALLA TORRE 1894: von DALLA TORRE 1904: 71 (cat.).

Polistes saussurei de DALLA TORRE 1894: BEQUAERT 1918: 348 (cat.).

Polistes smithii var. *saussurei* de DALLA TORRE 1904: von SCHULTHEß RECHBERG 1921: 143 (tax.), 148 (key).

Polistes saussurei var. *saussurei* de DALLA TORRE 1894: BEQUAERT 1938: 134 (key), 146 (key, tax., Madagascar).

Polistes (Polistella) saussurei de DALLA TORRE 1894: CARPENTER 1996: 14 (tax., cat.).

Polistes saussurei de DALLA TORRE 1894: WENZEL 1998: 25 (cat., nest).

Polistes (Polistella) saussurei de DALLA TORRE 1894: KOJIMA 1998b: 24 (descr. larva, Madagascar), 25 (figs 104-112), 213 (cat.).

Polistes saussurei de DALLA TORRE 1894: PAULY 2004: 265 (biol., Comoros).

**Polistes incertus* n.sp.: de SAUSSURE 1890: 144 (key), 145 (descr. ♀, Madagascar), pl. 4 (fig. 9).

Polistes incertus de SAUSSURE 1890: von SCHULTHEß RECHBERG 1907: 66 (tax., descr. nest, Comoros, Mayotte, Madagascar), 68 (key), 73 (cat., Comoros, Mayotte).

Polistes incertus de SAUSSURE 1890: von SCHULTHEß 1919: 47 (Madagascar).

Polistes incertus de SAUSSURE 1890: BEQUAERT 1918: 348 (syn).

Polistes incertus de SAUSSURE 1890: CARPENTER 1999: 26 (tax., Madagascar).

Distribution: Comoros: Grande Comore, Anjouan – Mayotte – Madagascar: Prov. Antsiranana: Antsiranana, Nosy Be – Prov. Toliara: Andranohinaly, Beza Mahafaly Special Reserve, Sept Lacs, 30 km N Toliara.

Endemic.

BEQUAERT (1938: 146) mentions a record from Comoros without exact data. The record requires confirmation.

Polistes incertus de SAUSSURE 1890 is a junior homonym of *P. incertus* CRESSON 1865.

***Polistes sikorae* de SAUSSURE 1900**

Polistes sikorae n.sp.: de SAUSSURE 1900: 233 (descr. ♂ ♀, Madagascar).

Polistes sikorae de SAUSSURE 1900: von DALLA TORRE 1904: 71 (cat.).

Polistes sikorae de SAUSSURE 1900: von SCHULTHESS RECHBERG 1907: 67 (tax., descr. ♂, Madagascar), 68 (key).

Polistes fastidiosus var. *sikorae* de SAUSSURE 1900: BEQUAERT 1918: 346 (tax., cat.).

Polistes fastidiosus var. *sikorae* de SAUSSURE 1900: von SCHULTHESS RECHBERG 1921: 146 (key).

Polistes madecassus var. *sikorae* de SAUSSURE 1900: BEQUAERT 1938: 139 (key), 140 (tax., Madagascar).

Polistes (Polistella) sikorae de SAUSSURE 1900: CARPENTER 1996: 15 (tax., cat.).

Polistes sikorae de SAUSSURE 1900: WENZEL 1998: 25 (cat., nest).

Polistes sikorae de SAUSSURE 1900: CARPENTER 1999: 29 (tax., Madagascar).

**Polistes sikorae obscura* n.var.: de SAUSSURE 1900: 234 (descr. ♂ ♀, Madagascar).

Polistes sikorae var. *obscura* de SAUSSURE 1900: BEQUAERT 1938: 140 (syn.).

Polistes sikorae obscura de SAUSSURE 1900: CARPENTER 1999: 29 (tax.).

D i s t r i b u t i o n : Madagascar: without locality.

Endemic.

Polistes sikorae obscura de SAUSSURE 1900 is a junior homonym of *P. obscurus* de SAUSSURE 1863.

Genus *Ropalidia* GUÉRIN-MÉNEVILLE 1831

Description: GUÉRIN-MÉNEVILLE 1831: pl. 9 (fig. 3).

Typus generis: *Ropalidia maculiventris* GUÉRIN-MÉNEVILLE 1831.

Distribution: Australian, Ethiopian and Oriental Region.

Valid species: 32.

***Ropalidia anarchica* (de SAUSSURE 1853)**

Icaria anarchica n.sp.: de SAUSSURE 1853: 34 (descr. ♀, Madagascar), pl. 5 (figs 4, 4a).

Icaria anarchica de SAUSSURE 1853: SMITH 1857: 96 (cat.).

Icaria anarchica de SAUSSURE 1853: de SAUSSURE 1890: 113 (key), 115 (key), 116 (key), 121 (tax., descr. ♀, Madagascar).

Icaria anarchica de SAUSSURE 1853: de DALLA TORRE 1894: 117 (cat.).

Icaria anarchica de SAUSSURE 1853: de SAUSSURE 1900: 214 (key), 219 (key).

Icaria anarchica de SAUSSURE 1853: von DALLA TORRE 1904: 73 (cat.).

Ropalidia anarchica (de SAUSSURE 1853): BEQUAERT 1918: 247 (tax.), 339 (cat.).

Ropalidia anarchica (de SAUSSURE 1853): VESEY-FITZGERALD 1950b: 81 (biol., Madagascar).

Ropalidia (Icariola) anarchica (de SAUSSURE 1853): RICHARDS 1978: 53 (cat., nest), 58 (tax.).

Ropalidia anarchica (de SAUSSURE 1853): WENZEL 1987: 553 (biol., Madagascar), 555 (biol., Madagascar).

Ropalidia anarchica (de SAUSSURE 1853): KOJIMA 1988: 296 (figs 22-25), 297 (descr. larva, Madagascar).

Ropalidia anarchica (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 82 (Madagascar), 86 (key), 87 (key).

Ropalidia anarchica (de SAUSSURE 1892): MADL 1995: 1100 (Madagascar), 1101 (cat.).

Ropalidia anarchica (de SAUSSURE 1853): KOJIMA 1997: 96 (tax.).

Ropalidia anarchica (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 8 (cat.).

Ropalidia anarchica (de SAUSSURE 1853): WENZEL 1998: 26 (cat., nest).

1906

Ropalidia anarchica (de SAUSSURE 1853): KOJIMA 1998b: 216 (cat.).

Ropalidia anarchica (de SAUSSURE 1853): CARPENTER 1999: 33 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Andasibe (Perinet), Rantabe, Nosy Boraha (Sainte Marie) – Prov. Toliara: 3 km E Morondava.

Endemic.

***Ropalidia atra* (de SAUSSURE 1890)**

Icaria atra n.sp.: de SAUSSURE 1890: 113 (key), 115 (key), 116 (key), 119 (descr. ♀, Madagascar), 130.

Icaria atra de SAUSSURE 1891: de DALLA TORRE 1894: 117 (cat.).

Icaria atra de SAUSSURE 1890: de SAUSSURE 1900: 215 (key), 219 (key).

Icaria atra de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).

Ropalidia atra (de SAUSSURE 1890): BEQUAERT 1918: 247 (tax.), 339 (cat.).

Ropalidia atra (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 85 (key), 87 (key).

Ropalidia atra (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 9 (cat.).

Ropalidia atra (de SAUSSURE 1890): CARPENTER 1999: 34 (tax., Madagascar).

Ropalidia atra (de SAUSSURE 1890): KOJIMA 1999: 54 (fig. 28), 62 (tax., figs 182-184), 65 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Toliara: Madagascar Sud-Est (? Fort Dauphin).

Endemic.

***Ropalidia bicincta* (de SAUSSURE 1890)**

Icaria bicincta n.sp.: de SAUSSURE 1890: 103 (biol.), 114 (key), 115 (key), 116 (key), 123 (tax.), 136 (descr. ♀, Madagascar), pl. 4 (fig. 3), pl. 18 (fig. 20).

Icaria bicincta de SAUSSURE 1890: de SAUSSURE 1892: pl. 22 (fig. 2).

Icaria bicincta de SAUSSURE 1891: de DALLA TORRE 1894: 117 (cat.).

Icaria bicincta de SAUSSURE 1890: de SAUSSURE 1900: 73 (cat.), 218 (key), 219 (key), 232 (tax., descr. ♂ ♀, Madagascar).

Icaria bicincta de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).

Ropalidia bicincta (de SAUSSURE 1890): BEQUAERT 1918: 339 (cat.).

Ropalidia bicincta (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 82 (biol, Madagascar).

Ropalidia bicincta (de SAUSSURE 1892): RICHARDS 1978: 53 (cat., nest).

Ropalidia bicincta (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 86 (key), 88 (key), 90 (fig. 16).

Ropalidia bicincta (de SAUSSURE 1892): MADL 1995: 1100 (Madagascar), 1101 (cat.).

Ropalidia bicincta (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 10 (cat.).

Ropalidia bicincta (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest), 29 (fig. 16D: nest, Madagascar).

Ropalidia bicincta (de SAUSSURE 1890): CARPENTER 1999: 34 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Ambanja, Antsiranana, Nosy Be – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Fianarantsoa.

Endemic.

***Ropalidia carinata* (de SAUSSURE 1890)**

Icaria carinata n.sp.: de SAUSSURE 1890: 113 (key), 115 (key), 116 (key), 117 (key), 122 (descr. ♂ ♀, Madagascar).

Icaria carinata de SAUSSURE 1891: de DALLA TORRE 1894: 118 (cat.).

Icaria carinata de SAUSSURE 1890: de SAUSSURE 1900: 215 (key), 219 (key), 222 (tax., descr. ♂ ♀, Madagascar).

1907

Icaria carinata de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).
Icaria carinata de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 64 (Madagascar).
Ropalidia carinata (de SAUSSURE 1890): BEQUAERT 1918: 339 (cat.).
Ropalidia carinata (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 82 (biol, Madagascar).
Ropalidia (Icariola) carinata (de SAUSSURE 1892): RICHARDS 1978: 53 (cat., nest), 58 (tax., Madagascar).
Ropalidia carinata (de SAUSSURE 1892): KOJIMA 1988: 298 (descr. larva, Madagascar), 299, 300 (figs 39-43).
Ropalidia carinata (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 85 (key), 87 (key), 90 (fig. 1).
Ropalidia carinata (de SAUSSURE 1892): WENZEL 1991: 487 (biol., Madagascar), 497 (biol., Madagascar).
Ropalidia carinata (de SAUSSURE 1892): MADL 1995: 1100 (Madagascar), 1101 (cat.).
Ropalidia carinata (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 13 (cat.).
Ropalidia carinata (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).
Ropalidia carinata (de SAUSSURE 1890): KOJIMA 1998b: 217 (cat.).
Ropalidia carinata (de SAUSSURE 1890): CARPENTER 1999: 34 (tax., Madagascar).
Distribution: Madagascar: Prov. Mahajanga: Mahajanga – Prov. Toamasina: Toamasina, Nosy Boraha (Sainte Marie) – Prov. Toliara: Fort-Dauphin.
 Endemic.

***Ropalidia constitutionalis* (de SAUSSURE 1853)**

Icaria constitutionalis n.sp.: de SAUSSURE 1853: 30 (descr. ♀, Madagascar), pl. 4 (figs 4, 4a).
Icaria constitutionalis de SAUSSURE 1853: SMITH 1857: 95 (cat.).
Icaria constitutionalis de SAUSSURE 1853: de SAUSSURE 1890: 114 (key), 116 (key), 128 (tax., descr. ♀, Madagascar).
Icaria constitutionalis de SAUSSURE 1853: de DALLA TORRE 1894: 118 (cat.).
Icaria constitutionalis de SAUSSURE 1853: de SAUSSURE 1900: 216 (key), 218 (key), 219 (key), 222 (tax., descr. ♂ ♀, Madagascar).
Icaria constitutionalis de SAUSSURE 1853: von DALLA TORRE 1904: 73 (cat.), pl. 5 (figs 3a, b ♀).
Ropalidia constitutionalis (de SAUSSURE 1853): BEQUAERT 1918: 340 (cat.).
Ropalidia (Icariola) constitutionalis (de SAUSSURE 1853): RICHARDS 1978: 58 (tax., Madagascar).
Ropalidia constitutionalis (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 86 (key).
Ropalidia constitutionalis (de SAUSSURE 1892): MADL 1995: 1100 (Madagascar), 1101 (cat.).
Ropalidia constitutionalis (de SAUSSURE 1853): KOJIMA 1997: 95 (tax.).
Ropalidia constitutionalis (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 16 (cat.).
Ropalidia constitutionalis (de SAUSSURE 1853): WENZEL 1998: 26 (cat., nest).
Ropalidia constitutionalis (de SAUSSURE 1853): CARPENTER 1999: 35 (tax., Madagascar).
Distribution: Madagascar: Prov. Antananarivo: Imerina – Prov. Toamasina: Nosy Boraha (Sainte Marie).
 Endemic.

***Ropalidia democratica* (de SAUSSURE 1853)**

Icaria democratica n.sp.: de SAUSSURE 1853: 33 (descr. ♀, Madagascar).
Icaria democratica de SAUSSURE 1853: SMITH 1857: 96 (cat.).
Icaria democratica de SAUSSURE 1853: ANDRÉ 1889: 189 (descr. nest, fig. 3: nest, Madagascar).
Icaria democratica de SAUSSURE 1853: de SAUSSURE 1890: 115 (key), 116 (key), 142 (tax., descr. ♀, Madagascar).
Icaria democratica de SAUSSURE, 1853: de DALLA TORRE 1894: 118 (cat.).

1908

Icaria democratica de SAUSSURE 1853: von DALLA TORRE 1904: 73 (cat.).

Ropalidia democratica (de SAUSSURE 1853): BEQUAERT 1918: 340 (cat.).

Ropalidia democratica (de SAUSSURE, 1853): GIORDANI SOIKA 1991a: 85 (tax.), 87 (key).

Ropalidia democratica (de SAUSSURE 1853): KOJIMA 1997: 96 (tax.).

Ropalidia democratica (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 19 (cat.).

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

Endemic.

***Ropalidia dubia* (de SAUSSURE 1853)**

Icaria dubia n.sp.: de SAUSSURE 1853: 33 (descr. ♀, Madagascar).

Icaria dubia de SAUSSURE 1853: SMITH 1857: 96 (cat.).

Icaria dubia de SAUSSURE 1853: de SAUSSURE 1890: XIII, 93 (tax.), 115 (key), 141 (tax., descr. ♀, Madagascar partim), pl. 18 (fig. 19).

Icaria dubia de SAUSSURE 1853: de DALLA TORRE 1894: 118 (cat.).

Icaria dubia de SAUSSURE 1853: de SAUSSURE 1900: 216 (key), 217 (key), 218 (key), 219 (key), 229 (tax., descr. ♀, Madagascar partim).

Icaria dubia de SAUSSURE 1853: von DALLA TORRE 1904: 73 (cat.).

Ropalidia dubia (de SAUSSURE 1853): BEQUAERT 1918: 341 (cat.).

Ropalidia (Icariola) dubia (de SAUSSURE 1853): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia dubia (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 20 (cat.).

Ropalidia dubia (de SAUSSURE 1853): KOJIMA 1998a: 233 (tax., descr. ♀, Madagascar), 234 (figs 1-7).

Ropalidia dubia (de SAUSSURE 1853): KOJIMA 1998b: 217 (cat.).

Ropalidia dubia (de SAUSSURE 1853): CARPENTER 1999: 35 (tax., Madagascar).

Ropalidia dubia (de SAUSSURE 1853): KOJIMA 1999: 54 (tax., fig. 19), 62 (tax., figs 185-188), 66 (tax.), 68.

**Ropalidia flavoviridis* n.sp.: KOJIMA 1988: 292 (descr. ♂ ♀, Madagascar), 293 (figs 1-15), 295 (descr. larva, Madagascar), 296 (figs 16-21).

Ropalidia flavoviridis KOJIMA 1988: GIORDANI SOIKA 1991a: 83 (tax., Madagascar), 86 (key), 88 (key), 90 (fig. 12).

Ropalidia flavoviridis KOJIMA 1988: WENZEL 1991: 487 (biol., Madagascar).

Ropalidia flavoviridis KOJIMA 1988: KOJIMA & CARPENTER 1997: 24 (cat.).

Ropalidia flavoviridis KOJIMA 1988: WENZEL 1998: 26 (cat., nest).

Ropalidia flavoviridis KOJIMA 1988: KOJIMA 1998a: 233 (syn.).

**Icaria pomicolor* n.sp.: de SAUSSURE 1853: 32 (descr. ♀, Madagascar), pl. 5 (figs 3, 3a).

Icaria pomicolor de SAUSSURE 1853: SMITH 1857: 95 (cat.)

Icaria pomicolor de SAUSSURE 1853: de SAUSSURE 1890: 93 (tax.), 113 (key), 115 (key), 117 (tax., descr. ♀, Madagascar).

Icaria pomicolor de SAUSSURE 1853: de DALLA TORRE 1894: 120 (cat.).

Icaria pomicolor de SAUSSURE 1853: de SAUSSURE 1900: 214 (key), 220 (tax.).

Icaria pomicolor de SAUSSURE 1853: von DALLA TORRE 1904: 74 (cat.).

Ropalidia pomicolor (de SAUSSURE 1853): BEQUAERT 1918: 343 (cat.).

Ropalidia pomicolor (de SAUSSURE 1853): VESEY-FITZGERALD 1950b: 85 (Madagascar).

Ropalidia (Icariola) pomicolor (de SAUSSURE 1853): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia pomicolor (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 86 (key), 88 (key).

Ropalidia pomicolor (de SAUSSURE 1853): MADL 1995: 1100 (Madagascar), 1101 (cat.).

Ropalidia pomicolor (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 48 (cat.).

Icaria pomicolor de SAUSSURE 1853: KOJIMA 1998a: 233 (syn.).

D i s t r i b u t i o n : Madagascar: Prov. Mahajanga: Amborovy, Ankarafantsika, Maevatanana – Prov. Antananarivo: Mandraka, Imerina – Prov. Toamasina: Andasibe (Perinet), Toamasina, Nosy Boraha (Sainte Marie) – Prov. Toliara: Andranohinaly,

1909

Behara, Bekily, Berenty Reserve, Beza Mahafaly Special Reserve, 50 km N Morondava.
Endemic.

***Ropalidia ducalis* (de SAUSSURE 1900)**

Icaria ducalis n.sp.: de SAUSSURE 1900: 216 (key), 219 (key), 226 (descr. ♀, Madagascar).

Icaria ducalis de SAUSSURE 1900: von DALLA TORRE 1904: 73 (cat.).

Ropalidia ducalis (de SAUSSURE 1900): BEQUAERT 1918: 341 (cat.).

Ropalidia ducalis (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 85 (key), 87 (tax.).

Ropalidia ducalis (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 20 (cat.).

Ropalidia ducalis (de SAUSSURE 1900): CARPENTER 1999: 35 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: without locality.

Endemic.

***Ropalidia formosa* (de SAUSSURE 1853)**

Icaria formosa n.sp.: de SAUSSURE 1853: 37 (descr. ♀, India = Madagascar).

Ropalidia formosa (de SAUSSURE 1853): van der VECHT 1941: 105 (tax., India = Madagascar).

Ropalidia (Icariola) formosa (de SAUSSURE 1853): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia formosa (de SAUSSURE 1853): WENZEL 1987: 549 (biol., Madagascar), 551 (table 1: distr.).

Ropalidia formosa (de SAUSSURE 1853): BROOKS & WAHL 1987: 546 (descr. nest, biol., Madagascar), 548 (figs 1A, B: biol.), 349 (figs 2A-C: biol.).

Ropalidia formosa (de SAUSSURE 1853): KOJIMA 1988: 297 (descr. larva, Madagascar), 299 (figs 33-38).

Ropalidia formosa (de SAUSSURE 1853): WENZEL 1991: 487 (biol., Madagascar).

Ropalidia formosa (de SAUSSURE 1853): GADAGKAR 1991: 487 (biol., Madagascar), 189 (app. 5.1: biol.).

Ropalidia formosa (de SAUSSURE 1853): MACALINTAL & STARR 1996: 110 (table 1: Madagascar), 113 (table 2: tax.).

Ropalidia formosa (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 24 (cat.).

Ropalidia formosa (de SAUSSURE 1853): WENZEL 1998: 26 (cat., nest).

Ropalidia formosa (de SAUSSURE 1853): KOJIMA 1998b: 217 (cat.).

Ropalidia formosa (de SAUSSURE 1853): KOJIMA 1999: 54 (tax., figs 30, 31), 62 (tax., figs 179-181), 66 (tax.).

**Icaria hova* n.sp.: de SAUSSURE 1890: 103 (descr. nest), 104 (fig. A: nest), 113 (key), 114 (key), 115 (key), 116 (key), 117 (key), 119 (tax.), 131 (descr. ♂ ♀, biol., Madagascar), pl. 4 (figs 2, 2b).

Icaria hova de SAUSSURE 1891: de DALLA TORRE 1894: 119 (cat.).

Icaria hova de SAUSSURE 1890: de SAUSSURE 1900: 213 (biol.), 217 (key), 219 (key), 228 (tax., descr., Madagascar).

Icaria hova de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).

Ropalidia hova (de SAUSSURE 1890): BEQUAERT 1918: 247 (tax.), 342 (cat.).

Icaria hova de SAUSSURE 1890: van der VECHT 1941: 105 (syn.).

Ropalidia hova (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 85 (tax., Madagascar).

Ropalidia hova (de SAUSSURE 1890): WENZEL 1987: 553 (biol., Madagascar).

Ropalidia hova (de SAUSSURE 1892): NILSSON & RABAKONANDRIANINA 1988: 486 (biol., Madagascar).

Ropalidia hova (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 85 (key), 87 (key), 90 (fig. 5).

Ropalidia hova (de SAUSSURE 1890): CARPENTER 1999: 35 (syn., Madagascar).

P a r a s i t o i d : *Camptotypus pulchripennis* (de SAUSSURE 1890) (Hymenoptera: Ichneumonidae).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Andrangoloaka, Angavokely,

Antananarivo – Prov. Toamasina: Andasibe (Perinet) – Prov. Fianarantsoa: 20 km N Ambositra, Fianarantsoa, Ranomafana.

Endemic.

***Ropalidia fraterna* (de SAUSSURE 1900)**

Icaria fraterna n.sp.: de SAUSSURE 1900: 216 (key, tax.), 219 (key), 225 (descr. ♂ ♀, Madagascar).

Icaria fraterna de SAUSSURE 1900: von DALLA TORRE 1904: 73 (cat.).

Ropalidia fraterna (de SAUSSURE 1900): BEQUAERT 1918: 341 (cat.).

Ropalidia fraterna (de SAUSSURE 1900): VESEY-FITZGERALD 1950b: 83 (biol, Madagascar).

Ropalidia (Icariola) fraterna (de SAUSSURE 1900): RICHARDS 1978: 53 (cat., nest), 58 (tax.).

Ropalidia fraterna (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 86 (key), 88 (key), 90 (fig. 14).

Ropalidia fraterna (de SAUSSURE 1900): MADL 1995: 1100 (Madagascar), 1101 (cat.).

Ropalidia fraterna (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 25 (cat.).

Ropalidia fraterna (de SAUSSURE 1900): CARPENTER 1999: 35 (tax., Madagascar).

Ropalidia fraterna (de SAUSSURE 1900): KOJIMA 1999: 54 (tax., fig. 21), 62 (tax.), 63 (fig. 192-194), 66 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Imerina – Prov. Toamasina: Nosy Boraha (Sainte Marie).

Endemic.

***Ropalidia galimatia* (de SAUSSURE 1853)**

Icaria galimatia n.sp.: de SAUSSURE 1853: 36 (descr. ♂ ♀, Madagascar).

Icaria galimatia de SAUSSURE 1853: SMITH 1857: 96 (cat.).

Icaria galimatia de SAUSSURE 1853: de DALLA TORRE 1894: 119 (cat.).

Icaria galimatia de SAUSSURE 1853: von DALLA TORRE 1904: 73 (cat.).

Ropalidia galimatia (de SAUSSURE 1853): BEQUAERT 1918: 341 (cat.).

Ropalidia galimatia (de SAUSSURE 1853): VESEY-FITZGERALD 1950b: 83 (biol, Madagascar).

Ropalidia (Icariola) galimatia (de SAUSSURE 1853): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia galimatia (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 86 (key), 88 (key), 90 (fig. 15).

Ropalidia galimatia (de SAUSSURE 1853): KOJIMA 1997: 96 (tax.).

Ropalidia galimatia (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 25 (cat.).

Ropalidia galimatia (de SAUSSURE 1853): WENZEL 1998: 26 (cat., nest).

Ropalidia galimatia (de SAUSSURE 1853): KOJIMA, WENZEL & CARPENTER 1998: 394 (tax., Madagascar), 395 (tax., descr. ♂ ♀, Madagascar), 397 (figs 18, 19: tax.), 399 (figs 20-25).

Ropalidia galimatia (de SAUSSURE 1853): KOJIMA 1998b: 94 (descr. larva, figs 589-592, Madagascar), 217 (cat.).

Ropalidia galimatia (de SAUSSURE 1853): KOJIMA 1999: 54 (tax., fig. 22), 63 (figs 198-200), 64 (tax.), 66 (tax.).

**Icaria gallimathias*: de SAUSSURE 1890: 125 (unjustified emendation).

**Icaria ignobilis* n.sp.: de SAUSSURE 1890: 114 (key), 115 (key), 116 (key), 117 (key), 127 (descr. ♂ ♀, Madagascar), pl. 4 (figs 7, 7b).

Icaria ignobilis de SAUSSURE 1891: de DALLA TORRE 1894: 119 (cat.).

Icaria ignobilis de SAUSSURE 1890: de SAUSSURE 1900: 216 (key, tax.), 219 (key), 224 (tax., descr. ♂ ♀, Madagascar).

Icaria ignobilis de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).

Icaria ignobilis de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 64 (tax., descr. nest, Madagascar).

Ropalidia galimatia var. *ignobilis* de SAUSSURE 1890: BEQUAERT 1918: 341 (tax., cat.).

- Ropalidia ignobilis* (de SAUSSURE 1891): VESEY-FITZGERALD 1950b: 85 (biol, Madagascar).
Ropalidia ignobilis (de SAUSSURE 1892): KOJIMA 1988: 299 (descr. larva, Madagascar), 300 (figs 44-46).
Ropalidia ignobilis (de SAUSSURE 1891): WENZEL 1991: 487 (biol., Madagascar).
Ropalidia ignobilis (de SAUSSURE 1891): WENZEL 1992b: 32 (tax., descr. ♂ ♀ nest, biol., Madagascar), 34 (fig. 1: nest), 35 (fig. 2: tax.), 36 (table 1: tax., fig. 3), 40 (figs 4, 5: tax.).
Ropalidia ignobilis (de SAUSSURE 1892): MADL 1995: 1102.
Ropalidia ignobilis (de SAUSSURE 1892): KOJIMA & CARPENTER 1997: 27 (cat.).
Ropalidia ignobilis (de SAUSSURE 1891): WENZEL 1998: 26 (cat., nest).
Ropalidia ignobilis (de SAUSSURE 1891): KOJIMA, WENZEL & CARPENTER 1998: 394 (syn.).
**Icaria madecassa* n.nom. (pro *I. galimatia*): de SAUSSURE 1890: 113 (key), 114 (key), 116 (key), 125 (tax., descr. ♀, Madagascar), pl. 18 (fig. 16).
Icaria madecassa de SAUSSURE 1891: de DALLA TORRE 1894: 119 (syn.).
Icaria madecassa de SAUSSURE 1890: de SAUSSURE 1900: 216 (key, tax.), 219 (key), 224 (tax., descr. ♀, Madagascar).
Icaria madecassa de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 64 (Madagascar).
Icaria madecassa de SAUSSURE 1890: von SCHULTHEB 1919: 47 (Madagascar).
Ropalidia madecassa (de SAUSSURE 1892): MADL 1995: 1102.
Icaria madecassa de SAUSSURE 1890: KOJIMA & CARPENTER 1997: 25 (syn).
Ropalidia madecassa (de SAUSSURE 1892): WENZEL 1998: 26 (cat., nest).
Ropalidia madecassa (de SAUSSURE 1890): CARPENTER 1999: 36 (tax., Madagascar).
**Icaria madecassa flavopicta* n.var.: de SAUSSURE 1900: 224 (descr. ♀, Madagascar).
Icaria madecassa var. *flavopicta* de SAUSSURE 1900: KOJIMA & CARPENTER 1997: 25 (syn).
- Distribution:** Madagascar: Prov. Antsiranana: Ambanja, Antsiranana, Bas Sambirano, Nosy Be – Prov. Mahajanga: Maromandia – Prov. Toamasina: Andasibe (Perinet), Antanambe, Fenoarivo, Toamasina, Ile aux Prunes, Nosy Boraha (Sainte Marie) – Prov. Fianarantsoa: Massif d'Isalo – Prov. Toliara: Berenty Reserve, Beza Mahafaly Special Reserve, Mahabo, Morondava, Toliara.
- Endemic.
- Icaria madecassa* var. *flavopicta* de SAUSSURE 1900 is a junior homonym of *I. flavopicta* SMITH 1857.

***Ropalidia grandidieri* (de SAUSSURE 1890)**

- Icaria grandidieri* n.sp.: de SAUSSURE 1890: 113 (key), 115 (key), 116 (key), 117 (key), 119 (tax.), 120 (descr. ♂ ♀, Madagascar), 121 (tax.), 124 (tax.), 142, pl. 4 (figs 5, 5b).
Icaria grandidieri de SAUSSURE 1891: de DALLA TORRE 1894: 119 (cat.).
Icaria grandidieri de SAUSSURE 1890: de SAUSSURE 1900: 215 (key), 219 (key), 221 (tax., descr., Madagascar).
Icaria grandidieri de SAUSSURE 1891: von DALLA TORRE 1904: 73 (cat.).
Icaria grandidieri de SAUSSURE 1890: von SCHULTHESS RECHBERG 1907: 64 (Madagascar).
Ropalidia grandidieri de SAUSSURE 1890: BEQUAERT 1918: 247 (tax.), 342 (cat.).
Icaria grandidieri de SAUSSURE 1890: FRIEDERICH 1919: 30 (Madagascar).
Icaria grandidieri de SAUSSURE 1890: von SCHULTHEB 1919: 47 (Madagascar).
Icaria grandidieri de SAUSSURE 1890: von SCHULTHESS 1931: 51 (fig. 3).
Ropalidia grandidieri (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 83 (biol, Madagascar).
Ropalidia (Icariola) grandidieri (de SAUSSURE 1892): RICHARDS 1978: 54 (cat., nest), 58 (tax., Madagascar).
Ropalidia grandidieri (de SAUSSURE 1892): KOJIMA 1988: 297 (descr. larva, Madagascar), 298 (figs 26-30).
Ropalidia grandidieri (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 83 (Madagascar), 86 (key), 87 (key), 90 (fig. 3).

Ropalidia grandidieri (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 26 (cat.).
Ropalidia grandidieri (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).
Ropalidia grandidieri (de SAUSSURE 1890): KOJIMA & CARPENTER 1998: 420 (tax.).
Ropalidia grandidieri (de SAUSSURE 1890): KOJIMA 1998b: 217 (cat.).
Ropalidia grandidieri (de SAUSSURE 1890): CARPENTER 1999: 35 (tax., Madagascar).
Ropalidia grandidieri (de SAUSSURE 1890) (?): KOJIMA 1999: 54 (tax., fig. 27), 64 (figs 207-209), 65 (tax.).
**Ropalidia xanthura* (de SAUSSURE 1854): KOJIMA 1988: 297 (descr. larva, Madagascar), 298 (figs 31, 32).
Ropalidia xanthura (de SAUSSURE 1854): KOJIMA & CARPENTER 1998: 420 (tax.).
**Ropalidia* sp.: KOJIMA 1998b: 219.
Ropalidia sp.: KOJIMA 1999: 54 (fig. 26), 64 (tax., figs 204-206), 65 (tax.).
Distribution: Madagascar: Prov. Antsiranana: Ambanja, Nosy Be – Prov. Mahajanga: Ankarafantsika, Maevatanana, Mahajanga – Prov. Antananarivo: Andrangoloaka, Angavokely, Antananarivo – Prov. Toamasina: Andasibe (Perinet), Toamasina, 6 km Toamasina – Prov. Toliara: Andranohinaly, Berenty Reserve, Beza Mahafaly Special Reserve.
 Endemic.

***Ropalidia interjecta* (de SAUSSURE 1900)**

Icaria interjecta n.sp.: de SAUSSURE 1900: 215 (key), 219 (key), 225 (descr. ♂ ♀, Madagascar).
Icaria interjecta de SAUSSURE 1900: von DALLA TORRE 1904: 73 (cat.).
Icaria interjecta de SAUSSURE 1900: von SCHULTHESS RECHBERG 1907: 65 (Madagascar).
Ropalidia interjecta (de SAUSSURE 1900): BEQUAERT 1918: 342 (cat.).
Ropalidia interjecta (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 86 (key), 88 (key), 90 (fig. 17).
Ropalidia interjecta (de SAUSSURE 1900): MADL 1995: 1100 (Madagascar), 1101 (cat.).
Ropalidia interjecta (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 31 (cat.).
Ropalidia interjecta (de SAUSSURE 1900): CARPENTER 1999: 36 (tax., Madagascar).
Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Toliara: Toliara.
 Endemic.

***Ropalidia minor* (de SAUSSURE 1900)**

Icaria hova minor n.var.: de SAUSSURE 1900: 217 (key), 228 (descr. ♀, Madagascar).
Ropalidia hova var. *minor* (de SAUSSURE 1900): BEQUAERT 1918: 342 (cat.).
Ropalidia hova var. *minor* (de SAUSSURE 1900): VESEY-FITZGERALD 1950b: 84 (biol. Madagascar).
Ropalidia hova var. *minor* (de SAUSSURE 1900): RICHARDS 1978: 53 (cat., nest).
Ropalidia minor (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 88 (key, tax.), 90 (fig. 11).
Ropalidia minor (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 41 (cat.).
Ropalidia minor (de SAUSSURE 1900): WENZEL 1998: 26 (cat., nest).
Ropalidia minor (de SAUSSURE 1900): CARPENTER 1999: 36 (tax., Madagascar).
Ropalidia minor (de SAUSSURE 1900): KOJIMA 1999: 54 (tax., fig. 24), 61 (tax., fig. 170-172), 65 (tax.).
Distribution: Madagascar: Prov. Antananarivo: Antananarivo – Prov. Toamasina: Andasibe (Perinet), Anosibe.
 Endemic.

***Ropalidia nilssoni* GIORDANI SOIKA 1991**

Ropalidia nilssoni n.sp.: GIORDANI SOIKA 1991a: 83 (descr. ♀, Madagascar), 86 (key), 87 (tax.).

Ropalidia nilssoni GIORDANI SOIKA 1991: KOJIMA & CARPENTER 1997: 44 (cat.).

Distribution: Madagascar: Prov. Toamasina: Rantabe.

Endemic.

***Ropalidia nitidula* (de SAUSSURE 1890)**

Icaria nitidula n.sp.: de SAUSSURE 1890: 113 (key), 115 (key), 116 (key), 122 (descr. ♀, Madagascar), pl. 18 (fig. 17).

Icaria nitidula de SAUSSURE 1891: de DALLA TORRE 1894: 120 (cat.).

Icaria nitidula de SAUSSURE 1890: de SAUSSURE 1900: 217 (key), 219 (key), 227 (tax., descr. ♂ ♀, Madagascar).

Icaria nitidula de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).

Ropalidia nitidula (de SAUSSURE 1890): BEQUAERT 1918: 343 (cat.).

Ropalidia (Icariola) nitidula (de SAUSSURE 1892): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia nitidula (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 85 (key), 87 (tax.).

Ropalidia nitidula (de SAUSSURE 1892): KOJIMA & CARPENTER 1997: 44 (cat.).

Ropalidia nitidula (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).

Ropalidia nitidula (de SAUSSURE 1890): CARPENTER 1999: 36 (tax., Madagascar).

Ropalidia nitidula (de SAUSSURE 1892): KOJIMA 1999: 54 (tax., fig. 29), 62 (tax.), 63 (figs 189-191), 66 (tax.).

Distribution: Madagascar: without locality.

Endemic.

***Ropalidia obscurior* GIORDANI SOIKA 1991**

Ropalidia obscurior n.sp.: GIORDANI SOIKA 1991a: 87 (key), 89 (descr. ♀, Madagascar).

Ropalidia obscurior GIORDANI SOIKA 1991: KOJIMA & CARPENTER 1997: 45 (cat.).

Distribution: Madagascar: Prov: Toamasina: Andekaleka (Rogez), Baie d'Antongil – Prov. Toliara: Bekily.

Endemic.

***Ropalidia phalansterica* (de SAUSSURE 1853)**

Icaria phalansterica n.sp.: de SAUSSURE 1853: 35 (descr. /, Madagascar), pls 4 (figs 5, 5a), 5 (fig. 1).

Icaria phalansterica de SAUSSURE 1853: SMITH 1857: 96 (cat.).

Icaria phalansterica de SAUSSURE 1853: ANDRÉ 1889: 189 (descr. nest, fig. 4, Madagascar).

Icaria phalansterica de SAUSSURE 1853: de SAUSSURE 1890: 115 (key), 140 (tax., descr. ♂ ♀, Madagascar).

Icaria phalansterica de SAUSSURE 1853: de DALLA TORRE 1894: 120 (cat.).

Icaria phalansterica de SAUSSURE 1853: de SAUSSURE 1900: 218 (key), 219 (key), 232 (tax., descr. ♂ ♀, Madagascar).

Icaria phalansterica de SAUSSURE 1853: von DALLA TORRE 1904: 74 (cat.).

Icaria phalansterica (!) de SAUSSURE 1900: von SCHULTHESS RECHBERG 1907: 65 (descr. nest, Madagascar).

Ropalidia phalansterica (de SAUSSURE 1853): BEQUAERT 1918: 247 (cat.), 343 (cat.).

Ropalidia phalansterica (de SAUSSURE 1853): VESEY-FITZGERALD 1950b: 85 (Madagascar).

Ropalidia phalansterica (de SAUSSURE 1853): GIORDANI SOIKA 1991a: 83 (Madagascar), 86 (key), 88 (key), 90 (fig. 8).

Ropalidia phalansterica (de SAUSSURE 1853): MADL 1995: 1100 (Madagascar), 1101 (cat.).

Ropalidia phalansterica (de SAUSSURE 1853): KOJIMA 1997: 96 (tax.).
Ropalidia phalansterica (de SAUSSURE 1853): KOJIMA & CARPENTER 1997: 47 (cat.).
Ropalidia phalansterica (de SAUSSURE 1853): WENZEL 1998: 26 (cat., nest).
Ropalidia phalansterica (de SAUSSURE 1853): CARPENTER 1999: 37 (tax., Madagascar).
Ropalidia phalansterica (de SAUSSURE 1853): KOJIMA 1999: 54 (tax., fig. 18), 61 (tax., fig. 166, 167), 65 (tax.).
Ropalidia phalansterica (de SAUSSURE 1853): PAULY 2003 (In: PAULY et al.): 92 (tax., Madagascar), 97 (figs 3, 4).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Imerina – Prov. Toamasina: Andasibe (Perinet), 25 km W Morarano-Chrome, Nosy Boraha (Sainte Marie).

Endemic.

***Ropalidia prasina* (de SAUSSURE 1900)**

Icaria prasina n.sp.: de SAUSSURE 1900: 215 (key), 219 (key), 220 (descr. ♀, Madagascar).
Icaria prasina de SAUSSURE 1900: von DALLA TORRE 1904: 74 (cat.).
Ropalidia prasina (de SAUSSURE 1900): BEQUAERT 1918: 343 (cat.).
Ropalidia prasina (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 85 (key), 87 (key).
Ropalidia prasina (de SAUSSURE 1900): MADL 1995: 1101 (Madagascar, cat.).
Ropalidia prasina (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 48 (cat.).
Ropalidia prasina (de SAUSSURE 1900): WENZEL 1998: 26 (cat., nest).
Ropalidia prasina (de SAUSSURE 1900): CARPENTER 1999: 37 (tax., Madagascar).
Ropalidia prasina (de SAUSSURE 1900): KOJIMA 1999: 54 (tax., fig. 25), 61 (tax., figs 163-165), 65 (tax.).

Distribution: Madagascar: Prov. Antananarivo: Imerina – Prov. Toamasina: Nosy Boraha (Sainte Marie).

Endemic.

***Ropalidia pulchella* (de SAUSSURE 1900)**

Icaria pulchella n.sp.: de SAUSSURE 1900: 215 (key), 216 (key), 219 (key), 223 (descr. ♀ nest, fig. 4: nest, Madagascar).
Icaria pulchella de SAUSSURE 1900: von DALLA TORRE 1904: 74 (cat.).
Ropalidia pulchella (de SAUSSURE 1900): BEQUAERT 1918: 343 (cat.).
Icaria pulchella de SAUSSURE 1900: GIORDANI SOIKA 1991a: 86 (syn. of *R. phalansterica*).
Ropalidia pulchella (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 48 (tax., cat.).
Ropalidia pulchella (de SAUSSURE 1900): CARPENTER 1999: 37 (tax., Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be.

Endemic.

***Ropalidia ranavali* (de SAUSSURE 1890)**

Icaria ranavali n.sp.: de SAUSSURE 1890: 114 (key), 116 (key), 138 (descr. ♂ ♀, Madagascar), pl. 18 (figs 18, 18c).
Icaria ranavali de SAUSSURE 1891: de DALLA TORRE 1894: 120 (cat.).
Icaria ranavali de SAUSSURE 1890: de SAUSSURE 1900: 214 (key), 218 (key), 219 (key), 230 (tax., descr. ♂ ♀, Madagascar).
Icaria ranavali de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).
Ropalidia ranavali (de SAUSSURE 1890): BEQUAERT 1918: 344 (cat.).

Ropalidia (Icariola) ranavali (de SAUSSURE 1892): RICHARDS 1978: 53 (cat., nest), 58 (tax., Madagascar).

Ropalidia ranavali (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 84 (Madagascar), 86 (key), 88 (key), 90 (fig. 9).

Ropalidia ranavali (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 49 (cat.).

Ropalidia ranavali (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).

Ropalidia ranavali (de SAUSSURE 1890): CARPENTER 1999: 37 (tax., Madagascar).

Distribution: Madagascar: Prov. Antananarivo: Andrangoloaka, Angavokely, Imerina.
Endemic.

***Ropalidia regina* (de SAUSSURE 1900)**

Icaria regina n.sp.: de SAUSSURE 1900: 215 (key), 218 (key), 219 (key), 220 (descr. ♀, Madagascar).

Icaria regina de SAUSSURE 1900: von DALLA TORRE 1904: 74 (cat.).

Ropalidia regina (de SAUSSURE 1900): BEQUAERT 1918: 344 (cat.).

Ropalidia regina (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 85 (key), 87 (tax.).

Ropalidia regina (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 49 (cat.).

Ropalidia regina (de SAUSSURE 1900): CARPENTER 1999: 37 (tax., Madagascar).

Ropalidia regina (de SAUSSURE 1900): KOJIMA 1999: 61 (tax., figs 160-162), 65 (tax.).

Ropalidia regina (de SAUSSURE 1900): PAULY 2003 (In: PAULY et al.): 92 (tax., Madagascar), 97 (figs 5, 6).

Distribution: Madagascar: Prov. Antananarivo: Antananarivo – Prov. Toamasina: 25 km W Morarano-Chrome.
Endemic.

***Ropalidia sakalava* (de SAUSSURE 1900)**

Icaria sakalava n.sp.: de SAUSSURE 1900: 217 (key), 219 (key), 228 (descr. ♀, Madagascar).

Icaria sakalava de SAUSSURE 1900: von DALLA TORRE 1904: 74 (cat.).

Icaria sakalava de SAUSSURE 1900: von SCHULTHESS RECHBERG 1907: 65 (Madagascar).

Ropalidia sakalava (de SAUSSURE 1900): BEQUAERT 1918: 344 (cat.).

Ropalidia sakalava (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 83 (Madagascar), 85 (key), 88 (key), 90 (fig. 4).

Ropalidia sakalava (de SAUSSURE 1900): MADL 1995: 1101 (Madagascar, cat.).

Ropalidia sakalava (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 51 (cat.).

Ropalidia sakalava (de SAUSSURE 1900): CARPENTER 1999: 37 (tax., Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Cap d'Ambre – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Toliara: Forêt de Sakavalana.
Endemic.

***Ropalidia saussurei* KOJIMA 1998**

Ropalidia saussurei n.sp.: KOJIMA 1998a: 236 (descr. ♂ ♀, Madagascar), 237 (figs 8-23), 238 (figs 24-27).

Ropalidia saussurei KOJIMA 1998: KOJIMA 1999: 54 (tax., fig. 17), 61 (figs 176-178), 62 (tax.), 65, 68.

**Icaria dubia* de SAUSSURE 1853: de SAUSSURE 1900: 229 (Madagascar partim).

Icaria dubia de SAUSSURE 1853: von SCHULTHESS RECHBERG 1907: 65 (Madagascar).
Ropalidia dubia (de SAUSSURE 1853): VESEY-FITZGERALD 1950b: 82 (biol., Madagascar).
Ropalidia dubia (de SAUSSURE 1853): RICHARDS 1978: 53 (cat., nest).
Ropalidia dubia (de SAUSSURE 1853): GIORDANI SOIKA 1991: 86 (key), 88 (key), 90 (fig. 13).
 **Icaria dubia* de SAUSSURE var.: de SAUSSURE 1890: 141 (Madagascar ♀ partim).

Distribution: Madagascar: Prov. Antananarivo: Antananarivo – Prov. Toamasina: Andasibe (Perinet), Baie d'Antongil, Fanovana.

Endemic.

***Ropalidia schulthessi* (de SAUSSURE 1890)**

Icaria schulthessi n.sp.: de SAUSSURE 1890: 113 (key), 115 (key), 117 (descr. ♀, Madagascar), pl. 18 (figs 14, 14b).
Icaria schulthessii de SAUSSURE 1891: de DALLA TORRE 1894: 120 (cat.).
Icaria schulthessi de SAUSSURE 1890: de SAUSSURE 1900: 214 (key), 219 (key).
Icaria schulthessi de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).
Ropalidia schulthessi (de SAUSSURE 1890): BEQUAERT 1918: 344 (cat.).
Ropalidia schulthessi (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 85 (biol, Madagascar).
Ropalidia schulthessi (de SAUSSURE 1892): RICHARDS 1978: 53 (cat., nest).
Ropalidia schulthessi (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 86 (key), 88 (key), 90 (fig. 10).
Ropalidia schulthessi (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 51 (cat.).
Ropalidia schulthessi (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).
Ropalidia schulthessi (de SAUSSURE 1890): CARPENTER 1999: 37 (tax., Madagascar).

Distribution: Madagascar: Prov. Antsiranana: Ambanja, Nosy Be – Prov. Mahajanga: Mahajanga – Prov. Toamasina: Toamasina.

Endemic.

***Ropalidia scottiana* (de SAUSSURE 1890)**

Icaria scottiana n.sp.: de SAUSSURE 1890: 113 (key), 116 (key), 124 (descr. ♀, Madagascar).
Icaria scottiana de SAUSSURE 1891: de DALLA TORRE 1894: 120 (cat.).
Icaria scottiana de SAUSSURE 1890: de SAUSSURE 1900: 214 (key), 218 (key), 219 (key).
Icaria scottiana de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).
Ropalidia scottiana (de SAUSSURE 1890): BEQUAERT 1918: 344 (cat.).
Ropalidia scottiana (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 86 (key), 87 (tax.).
Ropalidia scottiana (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 52 (cat.).
Ropalidia scottiana (de SAUSSURE 1890): CARPENTER 1999: 37 (tax., Madagascar).

Distribution: Madagascar: Prov. Toliara: Madagascar Sud-Est (? Fort-Dauphin).

Endemic.

***Ropalidia shestakovi* (von SCHULTHESS 1931)**

Icaria shestakovi n.sp.: von SCHULTHESS 1931: 51 (descr. ♂ ♀, figs 2, Madagascar).
Ropalidia shestakovi (von SCHULTHESS 1931): GIORDANI SOIKA 1991a: 83 (Madagascar), 86 (key), 87 (key), 90 (fig. 2).
Ropalidia shestakovi (von SCHULTHESS 1931): KOJIMA & CARPENTER 1997: 52 (cat.).
Ropalidia shestakovi (von SCHULTHESS 1931): WENZEL 1998: 26 (cat., nest).
Ropalidia shestakovi (von SCHULTHESS 1931): CARPENTER 1999: 38 (tax., Madagascar).

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

Endemic.

***Ropalidia subclavata* (de SAUSSURE 1890)**

Icaria subclavata n.sp.: de SAUSSURE 1890: 113 (key), 114 (key), 115 (key), 116 (key), 134 (descr. ♂ ♀, Madagascar), pl. 4 (figs 6, 6b as *clavata*).

Icaria subclavata de SAUSSURE 1891: de DALLA TORRE 1894: 121 (cat.).

Icaria subclavata de SAUSSURE 1890: de SAUSSURE 1900: 218 (key), 219 (key), 232 (tax., descr. ♂ ♀, Madagascar).

Icaria subclavata de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).

Ropalidia subclavata (de SAUSSURE 1890): BEQUAERT 1918: 344 (cat.).

Ropalidia subclavata (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 85 (Madagascar).

Ropalidia subclavata (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 84 (Madagascar), 86 (key), 88 (key), 90 (fig. 6).

Ropalidia subclavata (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 54 (cat.).

Ropalidia subclavata (de SAUSSURE 1890): CARPENTER 1999: 38 (tax., Madagascar).

Ropalidia subclavata (de SAUSSURE 1890): KOJIMA 1999: 54 (tax., fig. 20), 61 (tax., figs 168, 169), 65 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Angavokely, Antananarivo – Prov. Toamasina: Andasibe (Perinet) – Prov. Fianarantsoa: Fianarantsoa.

Endemic.

***Ropalidia variabilis* (de SAUSSURE 1890)**

Icaria variabilis n.sp.: de SAUSSURE 1890: 114 (key), 115 (key), 116 (key), 135 (descr. ♂ ♀, Madagascar), pls 4 (figs 3, 3b), 18 (fig. 20).

Icaria variabilis de SAUSSURE 1890: de SAUSSURE 1892: pl. 22 (fig. 2: nest).

Icaria variabilis de SAUSSURE 1891: de DALLA TORRE 1894: 121 (cat.).

Icaria variabilis de SAUSSURE 1890: de SAUSSURE 1900: 218 (key), 219 (key), 231 (tax., descr. ♂ ♀, Madagascar).

Icaria variabilis de SAUSSURE 1891: von DALLA TORRE 1904: 74 (cat.).

Ropalidia variabilis (de SAUSSURE 1890): BEQUAERT 1918: 344 (cat.).

Ropalidia (Icariola) variabilis (de SAUSSURE 1892): RICHARDS 1978: 58 (tax., Madagascar).

Ropalidia variabilis (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 84 (Madagascar), 86 (key), 88 (key), 90 (fig. 7).

Ropalidia variabilis (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 58 (cat.).

Ropalidia variabilis (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).

Ropalidia variabilis (de SAUSSURE 1890): CARPENTER 1999: 38 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Antananarivo: Andrangoloaka, Angavokely.

Endemic.

***Ropalidia velutina* (de SAUSSURE 1890)**

Icaria velutina n.sp.: de SAUSSURE 1890: 114 (key), 115 (key), 116 (key), 119 (tax.), 129 (descr. ♀, Madagascar), pl. 4 (figs 4, 4b).

Icaria velutina de SAUSSURE 1891: de DALLA TORRE 1894: 121 (cat.).

Icaria velutina de SAUSSURE 1890: de SAUSSURE 1900: 217 (key), 219 (key), 227 (tax., descr. ♂, Madagascar).

Icaria velutina de SAUSSURE 1891: von DALLA TORRE 1904: 75 (cat.).

1918

Ropalidia velutina (de SAUSSURE 1890): BEQUAERT 1918: 345 (cat.).

Ropalidia velutina (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 85 (Madagascar).

Ropalidia velutina (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 82 (Madagascar), 83 (key).

Ropalidia velutina (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 59 (cat.).

Ropalidia velutina (de SAUSSURE 1890): CARPENTER 1999: 38 (tax., Madagascar).

Distribution: Madagascar: Prov. Antananarivo: Imerina – Prov. Toamasina: Andasibe (Perinet) – Prov. Fianarantsoa: Fianarantsoa.

Endemic.

***Ropalidia venustula* (de SAUSSURE 1900)**

Icaria venustula n.sp.: de SAUSSURE 1900: 218 (key), 219 (key), 231 (descr. ♂ ♀, Madagascar).

Icaria venustula de SAUSSURE 1900: von DALLA TORRE 1904: 75 (cat.).

Ropalidia venustula (de SAUSSURE 1900): BEQUAERT 1918: 345 (cat.).

Ropalidia venustula (de SAUSSURE 1900): GIORDANI SOIKA 1991a: 84 (tax., Madagascar), 86 (key).

Ropalidia venustula (de SAUSSURE 1900): KOJIMA & CARPENTER 1997: 59 (cat.).

Ropalidia venustula (de SAUSSURE 1900): CARPENTER 1999: 38 (tax., Madagascar).

Distribution: Madagascar: Prov. Toamasina: Andasibe (Perinet).

Endemic.

***Ropalidia vitripennis* (de SAUSSURE 1890)**

Icaria vitripennis n.sp.: de SAUSSURE 1890: 113 (key), 114 (key), 130 (descr. ♀, Madagascar).

Icaria vitripennis de SAUSSURE 1891: de DALLA TORRE 1894: 121 (cat.).

Icaria vitripennis de SAUSSURE 1890: de SAUSSURE 1900: 216 (key), 217 (key), 219 (key), 229 (tax., descr. ♀, Madagascar).

Icaria vitripennis de SAUSSURE 1891: von DALLA TORRE 1904: 75 (cat.).

Ropalidia vitripennis (de SAUSSURE 1890): BEQUAERT 1918: 345 (cat.).

Ropalidia vitripennis (de SAUSSURE 1892): VESEY-FITZGERALD 1950b: 86 (Madagascar).

Ropalidia vitripennis (de SAUSSURE 1892): RICHARDS 1978: 59 (tax., Madagascar).

Ropalidia vitripennis (de SAUSSURE 1892): KOJIMA 1988: 300 (descr. larva, figs 47, 48, Madagascar).

Ropalidia aff. *vitripennis* (de SAUSSURE 1891): GIORDANI SOIKA 1991a: 82 (Madagascar), 85 (key), 87 (tax.).

Ropalidia vitripennis (de SAUSSURE 1892): MADL 1995: 1101 (Madagascar, cat.).

Ropalidia vitripennis (de SAUSSURE 1890): KOJIMA & CARPENTER 1997: 59 (cat.).

Ropalidia vitripennis (de SAUSSURE 1890): WENZEL 1998: 26 (cat., nest).

Ropalidia vitripennis (de SAUSSURE 1890): KOJIMA 1998b: 218 (cat.).

Ropalidia vitripennis (de SAUSSURE 1890): KOJIMA 1999: 54 (tax., fig. 23), 63 (figs 195-197), 64 (tax.), 66 (tax.).

Distribution: Madagascar: Prov. Antsiranana: Bas Sambirano, Nosy Be – Prov. Toamasina: Nosy Boraha (Sainte Marie) – Prov. Toliara: Fort-Dauphin.

Endemic.

Not established in the Malagasy Subregion

Subfamily Eumeninae

Antepipona silaos (de SAUSSURE 1853)

Odynerus (Leionotus) silaos n.sp.: de SAUSSURE 1853: 155 (key), 213 (descr. ♂ ♀, Réunion), pl. 19 (fig. 6).

Odynerus silaos de SAUSSURE 1853: de DALLA TORRE 1894: 96 (cat.).

Odynerus (Hoplomerus) silaos de SAUSSURE 1853: von DALLA TORRE 1904: 54 (cat.).

Odynerus (Rygchium) silaos de SAUSSURE 1853: BEQUAERT 1918: 311 (cat.).

Antepipona silaos (de SAUSSURE 1855): GUSENLEITNER & MADL 2009: 466 (Mauritius, not established).

**Odynerus (Antepipona) silaensis*: de SAUSSURE 1855: 244 (unjustified emendation).

Odynerus silaensis de SAUSSURE 1856: de SAUSSURE 1890: 161 (key), 172 (tax., descr. ♂ ♀, Madagascar, Réunion, Mauritius).

Odynerus silaensis de SAUSSURE 1856: de SAUSSURE 1900: 239 (tax., descr. ♂ ♀, Madagascar).

Odynerus silaensis de SAUSSURE, 1854: von SCHULTHESS RECHBERG 1907: 72 (no records from Comoros), 73 (cat., Comoros).

Distribution: Madagascar: Prov. Antsiranana: Nosy Be – Réunion: Réunion – Mauritius: Mauritius.

Known from the Ethiopian Region. The record from Comoros is doubtful.

Xenorhynchium nitidulum (FABRICIUS 1798)

Xenorhynchium nitidulum (FABRICIUS 1798): GUSENLEITNER & MADL 2009: 468 (Mauritius, not established).

Distribution: Mauritius: Mauritius.

Known from the Oriental Region.

Subfamily Polistinae

Polistes marginalis de SAUSSURE 1853

Polistes marginalis de SAUSSURE 1853: von SCHULTHESS RECHBERG 1907: 68 (tax., Comoros), 73 (cat.).

Polistes marginalis FABRICIUS 1804: BEQUAERT 1918: 347 (cat.).

Polistes marginalis var. *africanus* PALISOT de BEAUVOIS, 1818: BEQUAERT 1938: 142 (key, tax.).

Distribution: Comoros.

Known from the Ethiopian Region. The record from Comoros is doubtful.

Subfamily Vespinae

Vespa orientalis LINNÉ 1771

Vespa orientalis LINNÉ 1771: de SAUSSURE 1890: 149 (tax., descr. ♀, Madagascar).

Vespa orientalis LINNÉ 1771: BEQUAERT 1918: 349 (cat.).

1920

D i s t r i b u t i o n : Madagascar: without locality.

Known from the Ethiopian, Oriental and Palearctic Region.

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Zusammenfassung

Zur Zeit sind von der Familie Vespidae 120 Arten und vier Unterarten aus der Madagassis bekannt. Die Unterfamilie Eumeninae ist mit 44 Arten und vier Unterarten in 21 Gattungen vertreten und die Unterfamilie Polistinae mit 67 Arten in drei Gattungen. Die generische Zugehörigkeit von neun Arten muss noch geklärt werden. *Odynerus farquharensis* CAMERON 1907 wird in die Gattung *Knemodynerus* BLÜTHGEN 1940 gestellt und *Epiodynerus grandidieri limbatulus* GIORDANI SOIKA 1991 in die Gattung *Anterhynchium* de SAUSSURE 1863, neue Kombinationen. Neue Funddaten für die Inseln des südwestlichen Indischen Ozeans werden mitgeteilt.

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<i>Postepipona</i> GORDANI SOIKA	1887
<i>Raphiglossa</i> SAUNDERS	1887
<i>Rhynchium</i> SPINOLA	1888
<i>Ropalidia</i> GUÉRIN-MÉNEVILLE	1905
<i>Simplepipona</i> GUSENLEITNER	1888
<i>Subancistrocerus</i> de SAUSSURE	1888
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Valid names are in bold and synonyms in italics. Misidentifications or misinterpretations are followed by = correct name. Incertae sedis is indicated by a question mark, wrong combinations in normal letters, both are printed in petit.

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Photo 1: Josef Gusenleitner, James M. Carpenter and Michael Madl (from left) in the Natural History Museum Vienna (23.01.2008).