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## **Annotated Catalogue of the Mutillidae (Hymenoptera: Vespoidea) of the Malagasy Subregion**

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**Abstract:** In the Malagasy Subregion the family Mutillidae has 73 recorded species and 2 subspecies in 13 genera. The true generic positions of many species are unresolved, but they are retained in their current genera here pending revision. Twelve species erroneously recorded from Madagascar are excluded from the list of the Malagasy fauna. Several taxonomic changes are proposed, involving new statuses, new combinations and a new synonymy. Two names were proposed infraspecifically and are not available.

**Key words:** Mutillidae, Dasylabrinae, Mutillinae, Myrmillinae, catalogue, taxonomy, Malagasy Subregion.

### **Introduction**

Mutillidae, also called velvet ants, form a large family of solitary wasps, which currently includes about 208 genera and 4200 species worldwide (LELEJ 2007, LELEJ & BROTHERS 2008). Their greatest diversity occurs in the tropical and subtropical regions. Mutillidae are known as parasitoids on enclosed immatures of different insect orders, e.g. Hymenoptera, Lepidoptera, Diptera, Coleoptera (BROTHERS 1989).

From 1869 to 1972, 92 names have been proposed for 73 species and 2 subspecies of the Malagasy Subregion by ten entomologists (André (15), Bischoff (15), Brancsik (1), de Dalla Torre (1), Krombein (9), Olsoufieff (33), de Saussure (13), Sichel & Radoskovsky (4), Zavattari (1)). Currently, they are classified into 13 genera, 6 endemic to the Malagasy Subregion; all species are endemic. (These numbers do not include 12 species erroneously recorded from Madagascar.) The biology of the Malagasy species is poorly known. To date, only members of the lepidopteran family Limacodidae, a species of Crabronidae (Hymenoptera) and other unidentified Hymenoptera are known as hosts.

The aim of this catalogue is to bring together all the relevant references on the family, providing a summary that can serve as the basis for the study of Malagasy Mutillidae in the future. The provisions of the 4<sup>th</sup> Edition of the International Code of Zoological Nomenclature (ICZN, 1999) have been applied and are cited where relevant. In particular, Article 12.2.7 provides that a new name proposed before 1931 merely in association with an illustration is available; this affects many names proposed by de SAUSSURE (1890) for which the descriptions only followed in 1891 or 1892, and which have often

been considered to date from those later publications. Also, it is clear from the context that OLSOUFIEFF (1938) did not consider the names he proposed for new varieties to be valid at a level equivalent to those for subspecies (in his lists, the names of subspecies are indicated as trinomina and have their own locality information, whereas those of varieties are merely indicated under the the relevant species name and without specified localities); OLSOUFIEFF's names for varieties must thus be considered to be infrasubspecific and therefore not available (Article 45.6.4), contra the opinion of KROMBEIN (1972), unless any were considered valid at the species or subspecies level before 1985 (Article 45.6.4.1).

### How to use the catalogue

The catalogue is organized alphabetically by subfamily and not taxonomically. Printing and other errors are indicated (!). Invalid names (synonyms and misidentifications) are marked with an asterisk (\*); a brief explanation for this status is provided for each.

### Abbreviations

biol	.....	biology
cat	.....	catalogue
descr	.....	description
distr	.....	distribution
ed. (eds)	.....	editor (editors)
f.	.....	form
fig. (figs)	.....	figure (figures)
nom.	.....	name
nov.	.....	new
pl. (pls)	.....	plate (plates)
sp.	.....	species
subsp.	.....	subspecies
syn.	.....	synonym
tax.	.....	taxonomy
var.	.....	variety

### Abbreviations for collections

BMNH	.....	Natural History Museum, London, Great Britain
ETHZ	.....	Eidgenössische Technische Hochschule, Zürich, Switzerland
HNHM	.....	Magyar Természettudományi Múzeum, Budapest, Hungary
MCSN	.....	Museo Civico di Storia Naturale, Genova, Italy
MHNG	.....	Muséum d'Histoire Naturelle, Geneva, Switzerland
MNHN	.....	Muséum National d'Histoire Naturelle, Paris, France
NMW	.....	Naturhistorisches Museum, Wien, Austria
SMF	.....	Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt-am-Main, Germany
ZMHB	.....	Museum für Naturkunde der Humboldt-Universität, Berlin, Germany

## Annotated catalogue

### Subfamily *Dasylabrinae*

#### Genus *Dasylabris* RADOSZKOWSKI 1885

Description: RADOSZKOWSKI 1885: 28.

Type species: *Mutilla arenaria* FABRICIUS 1787 (= *Mutilla atrata* a LINNÉ 1767).

Distribution: Ethiopian, Oriental and Palearctic Region.

Malagasy species: 7.

#### *Dasylabris desponsa* BISCHOFF 1921

*Dasylabris desponsa* BISCHOFF 1921: 657 (sp. nov. (not "nom. nov."), tax., descr. ♂, Madagascar; syntypes "novembre 1901 par M. Charles Alluaud à Anorahomana (Sud de Madagascar)" [MNHN] according to ANDRÉ 1907: 338).

*Dasylabris desponsa* BISCHOFF: OLSOUFIEFF 1938: 199 (tax., cat.).

*Dasylabris rubroaurea* var. *desponsa* BISCHOFF: OLSOUFIEFF 1938: 206 (tax.), 215 (cat. ♂, Madagascar).

*Dasylabris desponsa* BISCHOFF: KROMBEIN 1972: 8 (tab. 1: distr.), 27 (key), 28 (figs 2, 8), 29 (key), 30 (fig. 12), 34 (tax., descr. ♂ ♀, Madagascar; syntype (as "holotype") "Andrahomana, 1901, Ch. Alluaud" [MNHN]).

\**Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): ANDRÉ 1907: 338 (tax., descr. ♂, Madagascar) (misidentification; recognized as such and named by BISCHOFF 1921).

**Distribution:** Madagascar: Prov. Mahajanga: Antsingy de Bemaraha – Prov. Antananarivo: Ambohitantely, Ankazobe, Antananarivo – Prov. Fianarantsoa: Ihosy–Prov. Toliara: Ambovombe, Ampanihy, Ampasimbelaka, Andrahomana, Antanimora, Behara, Bekily, Bekonazy (5 km S), Beloha, Morondava, Ifotaka, Ranomafana (leg. Sikora), NW Sakaraha (Fierenana), Zombitsy Reserve, Mahafaly.

#### *Dasylabris hurei* ANDRÉ 1903

*Dasylabris Hurei* (!) ANDRÉ 1903: 238 (sp. nov., descr. ♀, Madagascar: holotype "Madagascar, province d'Ankavandra... Mr. J. Huré" [MNHN]).

*Dasylabris hurei* ANDRÉ: BISCHOFF 1921: 676 (tax., descr. ♀, Madagascar).

*Dasylabris hurei* ANDRÉ?: OLSOUFIEFF 1938: 193 (key, tax., descr. ♀, Madagascar), 213 (cat. ♀, Madagascar), pl. II (fig. 32).

*Dasylabris hurei* ANDRÉ: KROMBEIN 1972: 8 (tab. 1: distr.), 27 (key), 40 (tax., descr. ♀, Madagascar; holotype "Prov. d'Ankavandra, 1898, J. Huré" [MNHN]).

**Distribution:** Madagascar: Prov. Mahajanga: Ankavandra – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Andasibe (Perinet).

#### *Dasylabris rubripilosa* BISCHOFF 1921

*Dasylabris rubripilosa* BISCHOFF 1921: 624 (key), 655 (sp. nov., descr. ♀, Madagascar; holotype "Madagaskar, 10 km östl. von Tulear, 1809 (!) (Grandidier)" [MNHN]), 823, 830 (pl. VII, fig. 250).

*Dasylabris voeltzkowi* subsp. *rubripilosa* BISCHOFF: OLSOUFIEFF 1938: 192 (tax.), 213 (cat. ♀, Madagascar).

*Dasylabris rubripilosa* BISCHOFF: KROMBEIN 1972: 8 (tab. 1: distr.), 29 (key), 39 (tax., descr. ♀, Madagascar; holotype "10 km E of Tulear, 1890, Grandidier" [MNHN]).

**Distribution:** Madagascar: Prov. Toliara: Itampolo, Toliara (10 km E).

***Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY 1869)**

- Mutilla rubro-aurea* (!) SICHEL & RADOSZKOVSKY 1869: 157 (sp. nov., key ♀).  
*Mutilla rubroaurea* SICHEL & RADOSZKOVSKY: SICHEL & RADOSZKOVSKY 1870: 256 (descr. ♀, "Afrique" [= Madagascar]; holotype "Afrique" [MNHN]), pl. 9 (fig. 2).  
*Mutilla rubro-aurea* (!) SICHEL & RADOSZKOVSKY: de SAUSSURE 1891: 258 (tax., descr. ♀, Madagascar).  
*Mutilla rubro-aurea* (!) SICHEL & RADOSZKOVSKY: de SAUSSURE 1892: 262 (key), 263 (tax.), 285 (tax., descr. ♀, Madagascar).  
*Mutilla rubroaurea* SICHEL & RADOSZKOVSKY: de DALLA TORRE 1897: 79 (cat.).  
*Mutilla rubroaurea* SICHEL & RADOSZKOVSKY: ANDRÉ 1899b: 41 (tax., Madagascar).  
*Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): ANDRÉ 1902: 67 (cat.).  
*Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): BISCHOFF 1921: 624 (key ♀), 626 (key ♂), 654 (tax., descr. ♀, Madagascar), 656 (tax. descr. ♂, Madagascar).  
*Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 178 (tax.), 191 (tax.), 192 (key, tax., descr. ♀, Madagascar), 199 (tax., cat.), 206 (key, tax., descr. ♂, Madagascar), 213 (cat. ♀, Madagascar), 215 (cat. ♂, Madagascar), pls 1 (fig. 5), 2 (fig. 28).  
*Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): KROMBEIN 1951: 293 (tax., Madagascar).  
*Dasylabris rubroaurea* (SICHEL & RADOSZKOVSKY): KROMBEIN 1972: 8 (tab. 1: distr.), 27 (key), 29 (key), 36 (tax., descr. ♂ ♀, Madagascar; holotype "Madagascar, Goudot, 1834" [MNHN]).  
 \**Mutilla divorta* de SAUSSURE 1892: 262 (key), 263 (tax.), 296 (sp. nov., descr. ♂, Madagascar; holotype "les environs de Antananarivo") (junior subjective synonym).  
*Mutilla divorta* de SAUSSURE: de DALLA TORRE 1897: 32 (cat.).  
*Mutilla divorta* de SAUSSURE: ANDRÉ 1902: 69 (cat.).  
*Mutilla divorta* de SAUSSURE: SCHULZ 1912: 83 (tax., Madagascar).  
*Dasylabris divorta* (de SAUSSURE): BISCHOFF 1921: 656 (syn.).  
*Dasylabris divorta* (de SAUSSURE): KROMBEIN 1951: 292 (tax., Madagascar).  
*Mutilla divorta* de SAUSSURE: KROMBEIN 1972: 36 (syn.; holotype "Annarivo" (!) [MHNG]).

**Distribution:** Madagascar: Prov. Antananarivo: Ambatomanoïna, Andran-goloaka, Angavokely, Anjozorobe, Ankazobe, near Antananarivo, Arivonimamo, Mandraka, Mahatsinjô (near Mandraka), Manjakatempo – Prov. Toamasina: Anjiro, Lac Alaotra, Vaharina ("Vaharina") – Prov. Fianarantsoa: Ambatofitorahana, Ikongo – Prov. Toliara: Miandrivazo.

***Dasylabris seyrigi* OLSOUFIEFF 1938**

- Dasylabris seyrigi* OLSOUFIEFF 1938: 193 (sp. nov., key, descr. ♀, Madagascar; syntypes "Bekily, Seyrig"), 213 (cat. ♀, Madagascar), pl. II (fig. 27).  
*Dasylabris seyrigi* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar), 8 (tab. 1: distr.), 28 (figs 4, 6), 29 (key), 30 (fig. 9), 38 (tax., descr. ♂ ♀, Madagascar; lectotype "Bekily" [MNHN]).  
*Dasylabris seyrigi* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar).

**Distribution:** Madagascar: Prov. Antananarivo: Tsiroanomandidy – Prov. Fianarantsoa: Ihosy, Massif de l'Isalo (km 713) – Prov. Toliara: Ambvombe, Ampanihy, Bekily, Miandrivazo, Toliara.

***Dasylabris trunciceps* KROMBEIN 1972**

- Dasylabris trunciceps* KROMBEIN 1972: 8 (tab. 1: distr.), 29 (key), 30 (fig. 10), 41 (sp. nov., descr. ♂ ♀, Madagascar; holotype "Mahabo, Madagascar Ouest, Ch. Lambertson" [USNM]).  
 \**Dasylabris Hurei* (!) ANDRÉ: KROMBEIN 1951: 293 (tax., Madagascar) (misidentification).

**Distribution:** Madagascar: Prov. Mahajanga: Antsingy de Bemaraha, Mahatazana – Prov. Toliara: Ampanihy, Behara, Mahabo.

***Dasylabris voeltzkowi* BISCHOFF 1921**

*Dasylabris voeltzkowi* BISCHOFF 1921: 625 (key), 654 (sp. nov., descr. ♀, Madagascar; holotype "S.W.-Madagaskar, Andranohilany, 2.1903 (Voeltzkow)" [ZMHB]), 823, 830 (pl. VII, fig. 249).

*Dasylabris voeltzkowi voeltzkowi* BISCHOFF: OLSOUFIEFF 1938: 192 (key, tax., descr. ♀, Madagascar), 213 (cat.), pl. II (fig. 29).

*Dasylabris Voeltzkowi* (!) BISCHOFF: KROMBEIN 1951: 293 (Madagascar).

*Dasylabris voeltzkowi* BISCHOFF: KROMBEIN 1972: 8 (tab. 1: distr.), 10 (biol.), 26 (biol.), 27 (key), 28 (figs 1, 3, 5, 7), 29 (key), 30 (fig. 11), 31 (tax., descr. ♂ ♀, Madagascar; holotype "Andranohilany, Voeltzkow" [ZMHB]).

\**Dasylabris voeltzkowi* subsp. *intermedia* OLSOUFIEFF 1938: 193 (subsp. nov., key, descr. ♀, Madagascar; syntypes "dans tout Madagascar"), 213 (cat. ♀, Madagascar) (junior subjective synonym).

*Dasylabris voeltzkowi intermedia* OLSOUFIEFF: KROMBEIN 1972: 6 (tax.), 31 (syn.).

*Dasylabris voeltzkowi intermedia* OLSOUFIEFF: VIETTE 1978: 226 (tax., cat.; type material not found).

\**Dasylabris argenteirubra* BISCHOFF 1921: 624 (key), 655 (sp. nov., descr. ♀, Madagascar; syntypes "Antananarivo (Sikora)" [ZMHB]) (junior subjective synonym).

*Dasylabris voeltzkowi* subsp. *argenteirubra* BISCHOFF: OLSOUFIEFF 1938: 193 (key, tax., descr. ♀, Madagascar), 213 (cat. ♀, Madagascar), pl. II (fig. 31).

*Dasylabris argenteirubra* BISCHOFF: KROMBEIN 1972: 31 (syn.), 33 (tax.; syntype (as "holotype" "Tananarive, Sikora" [ZMHB])).

\**Dasylabris sikorai* BISCHOFF 1921: 625 (key ♀), 626 (key ♂), 655 (sp. nov., descr. ♀, Madagascar; holotype, "Antananarivo (Sikora)" [ZMHB]), 658 (sp. nov., descr. ♂, Madagascar) (junior subjective synonym).

*Dasylabris voeltzkowi* subsp. *sikorai* BISCHOFF: OLSOUFIEFF 1938: 193 (key, tax., descr. ♀, Madagascar), 213 (cat. ♀, Madagascar), pl. II (fig. 30).

*Dasylabris rubroaurea* var. *sikorai* BISCHOFF: OLSOUFIEFF 1938: 206 (tax.), 215 (cat. ♂, Madagascar).

*Dasylabris sikorai* BISCHOFF: OLSOUFIEFF 1938: 199 (tax., cat.).

*Dasylabris sikorai* BISCHOFF: KROMBEIN 1972: 31 (syn.), 33 (tax.; holotype "Tananarive, Sikora" [ZMHB]).

\**Dasylabris sikorai* f. *rubescens* BISCHOFF 1921: 625 (key), 655 (f. nov., descr. ♀, Madagascar; syntypes, "Antananarivo, Sikora" [ZMHB]) (junior subjective synonym).

*Dasylabris voeltzkowi* subsp. *rubescens* BISCHOFF: OLSOUFIEFF 1938: 193 (key, tax., descr. ♀, Madagascar), 213 (cat. ♀, Madagascar).

*Dasylabris sikorai rubescens* BISCHOFF: KROMBEIN 1972: 31 (syn.).

*Dasylabris sikorai* var. *rubescens* BISCHOFF: KROMBEIN 1972: 33 (tax.; holotype "Tananarive, Sikora" [ZMHB]).

**Host:** Reared from a ground-nesting wasp, probably *Hoplisoides bipustulatus* (ARNOLD 1945) or its social parasite *Hovanysson camelus* ARNOLD 1945 (Hymenoptera: Crabronidae) (KROMBEIN 1972).

**Distribution:** Madagascar: Prov. Antsiranana: Haut Sambirano, Nosy Be, Nosy Komba – Prov. Mahajanga: Ambalabonga, Ambato-Boeny, Ankarafantsika, Maevarana, Maevatanana – Prov. Antananarivo: Ambatolampy, Ambatomanoina, Ambohibeloma, Ambohimanga, Anjozorobe, Ankazobe, Antananarivo (Nanisana, Tsimabazaza), Arivonimamo, Mahatsinjo (near Mandraka), Mandraka, Route de Toamasina (km 26), Tsiroanomandidy – Prov. Toamasina: Andasibe (Perinet), Fanandrana, Imerimandroso, Ivondro, Lac Alaotra, Mandritsara – Prov. Fianarantsoa: Ambositra, Massif de l'Isalo –

Prov. Toliara: Ambovombe, Ampanihy, Andranohinaly, Ankavandra, Behara, Bekily, Bekonazy (5 km S), Beroboka (= Analabe), Betroka, Mahabo, Miandrivazo, Morondava, Plaine de Fiherenana, NW Sakaraha (Fiheranana).

**Genus *Seyrigilla* KROMBEIN 1972 new status**

Description: KROMBEIN 1972: 50.

Type species: *Mutilla nigroaurea* SICHEL & RADOSZKOVSKY 1869.

Distribution: Malagasy Subregion.

Malagasy species: 6.

This taxon is as different from *Stenomutilla* ANDRÉ 1896 as is *Orientilla* LELEJ 1979, for example, and is therefore recognized at genus level.

***Seyrigilla cloitrei* (OLSOUFIEFF 1938) new combination**

*Stenomutilla cloitrei* OLSOUFIEFF 1938: 196 (sp. nov., key, descr. ♀, Madagascar; type(s) "Forêt d'Isaka (S.-E.)", 214 (cat., ♀, Madagascar), pl. II (fig. 38).

*Stenomutilla* (*Seyrigilla*) *cloitrei* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar), 8 (tab. 1: distr.), 45 (key), 56 (tax., descr. ♀, Madagascar; lectotype "Forêt d'Isaka, 1934" [MNHN]).

*Stenomutilla cloitrei* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♀, Madagascar).

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

***Seyrigilla holomelaena* (ANDRÉ 1899) new combination**

*Mutilla* (*Stenomutilla*) *calamistrata* var. *holomelaena* ANDRÉ 1899a: 36 (var. nov., descr. ♀, Madagascar; syntypes "M. Albert Mocquerys dans la Baie d'Antongil (Madagascar)" [MNHN]).

*Stenomutilla calamistrata holomelaena* (ANDRÉ): ANDRÉ 1902: 68 (cat.).

*Stenomutilla nigroaurea* f. *holomelaena* (ANDRÉ): BISCHOFF 1921: 682 (key), 697 (tax., descr. ♀, Madagascar; syntype (as "Type" "Madagaskar, Bai d'Antongil (Mocquerys, 1898)" [MNHN]).

*Stenomutilla holomelaena* (ANDRÉ): KROMBEIN 1972: 8 (tab. 1: distr.), 45 (key), 56 (tax., descr. ♀, Madagascar; syntypes (as "holotype and cotype") "Baie d'Antongil, 1898, Mocquerys" [MNHN]).

*Stenomutilla dolomelaena* (!) (ANDRÉ): VIETTE 1978: 226 (tax. ♀, Madagascar).

\**Stenomutilla mocquerysi* OLSOUFIEFF 1938: 196 (sp. nov., key, descr. ♀, Madagascar; type(s) "Maroantsetra (J. Vadon 1936)", 214 (cat. ♀, Madagascar), pl. II (fig. 37) (junior subjective synonym).

*Stenomutilla mocquerysi* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar), 56 (syn.; lectotype "Maroantsetra, 1935" [MNHN]).

*Stenomutilla mocquerysi* OLSOUFIEFF: VIETTE 1978: 226 (tax., Madagascar).

D i s t r i b u t i o n : Madagascar: Prov. Toamasina: Ambodivoangy, Baie d'Antongil, Maroantsetra.

***Seyrigilla nigroaurea* (SICHEL & RADOSZKOVSKY 1869) new combination**

*Mutilla nigro-aurea* (!) SICHEL & RADOSZKOVSKY 1869: 154 (sp. nov., key ♀), pl. 7 (fig. 5 as *nigroaurea*).

*Mutilla nigro-aurea* (!) SICHEL & RADOSZKOVSKY: SICHEL & RADOSZKOVSKY 1870: 193 (descr. ♀, "Afrique" [= Madagascar]; holotype "Afrique" [MNHN]).

*Mutilla nigroaurea* SICHEL & RADOSZKOVSKY: de DALLA TORRE 1897: 66 (cat., Africa = Madagascar).

- Mutilla (Stenomutilla) nigroaurea* (SICHEL & RADOSZKOVSKY): ANDRÉ 1898: 19 (tax., Africa = Madagascar).
- Stenomutilla nigroaurea* (SICHEL & RADOSZKOVSKY): ANDRÉ 1902: 68 (cat., Africa = Madagascar).
- Stenomutilla nigroaurea* (SICHEL & RADOSZKOVSKY): BISCHOFF 1921: 696 (tax., descr. ♀, Madagascar), 819, 823, 826 (pl. III, fig. 185), 830 (pl. VII, fig. 266).
- Stenomutilla nigroaurea* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 196 (key, tax., descr. ♀, Madagascar), 207 (tax.), 214 (cat. ♀, Madagascar), pl. II (fig. 39).
- Stenomutilla (Seyrigilla) nigroaurea* (SICHEL & RADOSZKOVSKY): KROMBEIN 1972: 8 (tab. 1: distr.), 45 (key), 46 (key), 50 (type species), 51 (tax., descr. ♂ ♀, Madagascar; holotype not found).
- \**Mutilla calamistrata* de SAUSSURE 1890: pl. 7 (sp. nov., fig. 11 ♀, Madagascar) (junior subjective synonym).
- Mutilla calamistrata* de SAUSSURE: de SAUSSURE 1891: 258 (descr. ♀, Madagascar).
- Mutilla calamistrata* de SAUSSURE: de SAUSSURE 1892: 262 (key), 288 (tax., descr. ♀, Madagascar; syntypes "Madagascar... Grandidier... la côte orientale", "Madagascar... Collection de Saussure").
- Mutilla calamistrata* de SAUSSURE: de DALLA TORRE 1897: 19 (cat.).
- Stenomutilla calamistrata* (de SAUSSURE): ANDRÉ 1902: 68 (tax., cat.).
- Mutilla calamistrata* de SAUSSURE: BISCHOFF 1921: 696 (syn.).
- Mutilla calamistrata* de SAUSSURE: KROMBEIN 1972: 51 (syn.; syntype (as "type") "Madagascar" [MHNG]).
- \**Mutilla (Stenomutilla) eumenoides* ANDRÉ 1901: 143 (sp. nov., descr. ♂, Madagascar; holotype "Madagascar (Baie d'Antongil)... M. A. Mocquerys" [MNHN]) (junior subjective synonym).
- Stenomutilla eumenoides* (ANDRÉ): ANDRÉ 1902: 68 (cat.).
- Mutilla eumenoides* ANDRÉ: SCHULZ 1912: 84 (tax., Madagascar).
- Stenomutilla eumenoides* (ANDRÉ): BISCHOFF 1921: 709 (tax., descr. ♂, Madagascar).
- Stenomutilla eumenoides* (ANDRÉ): OLSOUFIEFF 1938: 199 (cat.), 207 (key, tax., descr. ♂, Madagascar), 216 (cat. ♂, Madagascar), pl. I (fig. 4).
- Mutilla eumenoides* ANDRÉ: KROMBEIN 1972: 51 (syn.; holotype "Baie d'Antongil, 1898, A. Mocquerys" [MNHN]).

**D i s t r i b u t i o n :** Madagascar: Prov. Antsiranana: Nosy Be – Prov. Antananarivo: Anosibe, Antananarivo, Mahatsinjo (near Mandraka), Mandraka – Prov. Toamasina: Ambodirafia, Ambodivoangy, Andasibe (Perinet), Andekaleka (Rogez), Antsihanaka, Baie d'Antongil, Fanovana, near Moramanga, Réserve Naturelle Integrale de Zahamena – Prov. Fianarantsoa: Sandrakely.

### ***Seyrigilla olsoufieffi* (KROMBEIN 1972) new combination**

- Stenomutilla (Seyrigilla) olsoufieffi* KROMBEIN 1972: 8 (tab. 1: distr.), 45 (key), 54 (sp. nov., descr. ♀, Madagascar; holotype "Maroantsetra, Madagascar Est, 1935" [MNHN]).
- \**Stenomutilla holomaelena* (!) (ANDRÉ): OLSOUFIEFF 1938: 195 (key, tax., descr. ♀, Madagascar), 213 (cat. ♀, Madagascar) (misidentification).
- Stenomutilla holomaelena* (ANDRÉ): OLSOUFIEFF 1938: pl. II (fig. 36).

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

### ***Seyrigilla splendida* (OLSOUFIEFF 1938) new combination**

- Stenomutilla splendida* OLSOUFIEFF 1938: 196 (sp. nov., key, descr. ♀, Madagascar; syntypes "Périnet, Fanovana"), 207 (tax.), 214 (cat. ♀, Madagascar), pl. II (fig. 40).
- Stenomutilla splendida* OLSOUFIEFF: PAULIAN 1950: 389 (biol., fig. 29, Madagascar), pl. 6.
- Stenomutilla (Seyrigilla) splendida* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar), 8 (tab. 1: distr.), 10 (biol.), 43 (biol.), 44 (key), 46 (key), 53 (tax., descr. ♂ ♀, biol., Madagascar; lectotype "Madagascar, Rég. Périnet, G. Olsoufieff, col. 193" [MNHN]).
- Stenomutilla splendida* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♀, Madagascar).

**H o s t** : *Fletcherodes brunneus* (VIETTE 1951) (Lepidoptera: Limacodidae) (PAULIAN 1950).

**D i s t r i b u t i o n** : Madagascar: Prov. Antananarivo: Antananarivo, Mahatsinjo (near Mandraka) – Prov. Toamasina: Ambodivoangy, Andasibe (Perinet), Andekaleka (Rogez), Fanovana, Ivondro.

***Seyrigilla sylvicola* (KROMBEIN 1972) new combination**

*Stenomutilla* (*Seyrigilla*) *sylvicola* KROMBEIN 1972: 8 (tab. 1: distr.), 45 (key), 46 (key), 55 (sp. nov., descr. ♂ ♀, Madagascar; holotype ♀ "Ivondro, Madagascar Centre, December 1938, A. Seyrig" [MNHN]).

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

**Genus *Stenomutilla* ANDRÉ 1896**

Description: ANDRÉ 1896: 265.

Type species: *Mutilla argentata* VILLERS 1789.

Distribution: Ethiopian and Palaearctic Region.

Malagasy species: 3.

Malagasy subspecies: 2.

***Stenomutilla freyi* (BRANCSIK 1891)**

*Mutilla Freyi* (!) BRANCSIK 1891: 160 (sp. nov., descr. ♀, Madagascar; type(s) "Nossibé, P. Frey"), pl. 7 (fig. 7).

*Mutilla freyi* BRANCSIK: de DALLA TORRE 1897: 41 (cat.).

*Stenomutilla freyi* (BRANCSIK): ANDRÉ 1902: 68 (cat.).

*Stenomutilla freyi* (BRANCSIK): BISCHOFF 1921: 683 (key), 698 (tax., descr. ♀, Madagascar; der Typus "Nossi Bé" [HNHM]), 819, 823, 826 (pl. III, fig. 186), 830 (pl. VII, fig. 267).

*Stenomutilla freyi* (BRANCSIK): SEYRIG 1936: 313 (tax., descr. ♂, biol., Madagascar), 316 (figs 4-6), pl. 14 (figs 1-3).

*Stenomutilla freyi* (BRANCSIK): OLSOUFIEFF 1938: 195 (key, tax. ♀, biol., Madagascar), 207 (key, tax., descr. ♂, Madagascar), 208 (biol.), 213 (cat. ♀, Madagascar), 216 (cat. ♂, Madagascar), pl. II (fig. 34).

*Stenomutilla* (*Stenomutilla*) *freyi* (BRANCSIK): KROMBEIN 1972: 8 (tab. 1: distr.), 10 (biol.), 43 (tax., biol.), 44 (key), 45 (key), 46 (tax., descr. ♂ ♀, Madagascar; holotype "Nosy-Bé, Brancsik (!)" [HNHM]).

**H o s t** : *Parasa reginula* SAALMÜLLER 1884 (Lepidoptera: Limacodidae) (SEYRIG 1936).

**D i s t r i b u t i o n** : Madagascar: Prov. Antsiranana: Nosy Be – Prov. Mahajanga: Ankarafantsika – Prov. Antananarivo: Antsirabe – Prov. Fianarantsoa: Ihosy, Massif de l'Isalo – Prov. Toliara: Ampanihy, Behara, Fort Dauphin, Morondava, Mahafaly.

***Stenomutilla intermixta* KROMBEIN 1972**

*Stenomutilla* (*Stenomutilla*) *intermixta* KROMBEIN 1972: 8 (tab. 1: distr.), 46 (key), 50 (sp. nov., descr. ♂, Madagascar; holotype "Fort Dauphin, Madagascar Est, May 1937, A. Seyrig" [MNHN]).

**D i s t r i b u t i o n** : Madagascar: Prov. Toliara: Fort Dauphin.



***Stenomutilla lavaudeni lavaudeni* OLSOUFIEFF 1938**

*Stenomutilla lavaudeni* OLSOUFIEFF 1938: 195 (sp. nov., key, descr. ♀, Madagascar; type(s) "Morondava (Lavauden 1930)", 213 (cat. ♀, Madagascar), pl. II (fig. 35).

*Stenomutilla (Stenomutilla) lavaudeni lavaudeni* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar), 8 (tab. 1: distr.), 10 (biol.), 43 (tax., biol.), 44 (key), 46 (key), 48 (tax., descr. ♂ ♀, biol., Madagascar; lectotype "reg. Morondava, 1931, Lavauden" [MNHN]).

*Stenomutilla lavaudeni* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar).

H o s t : *Macrosemyra* sp. (Lepidoptera: Limacodidae) (KROMBEIN 1972).

D i s t r i b u t i o n : Madagascar: Prov. Mahajanga: Antsingy de Bemaraha, Morafenobe – Prov. Toliara: Antanimora, Behara, Morondava.

***Stenomutilla lavaudeni ambilobe* KROMBEIN 1972**

*Stenomutilla (Stenomutilla) lavaudeni* subsp. *ambilobe* KROMBEIN 1972: 8 (tab. 1: distr.), 44 (key), 49 (subsp. nov., descr. ♀, Madagascar; holotype "Ambilobe, Madagascar Nord, May 1945, Abadie" [MNHN]).

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

**Subfamily M u t i l l i n a e****Genus *Aureotilla* BISCHOFF 1920**

Description: BISCHOFF 1920: 314.

Type species: *Mutilla madecassa* de SAUSSURE 1890.

Distribution: Malagasy Subregion.

Malagasy species: 5.

***Aureotilla dispilota* (SICHEL & RADOSZKOVSKY 1869) new combination**

*Mutilla dispilota* SICHEL & RADOSZKOVSKY 1869: 156 (sp. nov., key), pl. 8 (fig. 6).

*Mutilla dispilota* SICHEL & RADOSZKOVSKY: SICHEL & RADOSZKOVSKY 1870: 233 (descr. ♀, "Afrique" [= Madagascar]; holotype "Afrique" [MNHN]).

*Mutilla dispilota* SICHEL & RADOSZKOVSKY: de DALLA TORRE 1897: 32 (cat., Africa = Madagascar).

*Mutilla dispilota* SICHEL & RADOSZKOVSKY: ANDRÉ 1902: 36 (cat., Africa = Madagascar).

*Trogaspidia dispilota* (SICHEL & RADOSZKOVSKY): BISCHOFF 1920: 355 (key), 406 (tax., descr. ♀, Madagascar; holotype "Afrika" [NMW (!)]).

*Trogaspidia dispilota* (SICHEL & RADOSZKOVSKY): BISCHOFF 1921: 819, 825 (pl. II, fig. 130).

*Trogaspidia (Trogaspidia) dispilota* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 188 (key, tax., descr. ♀, Madagascar), 197 (tax., biol.), 200 (key, tax., descr. ♂, biol. Madagascar), 212 (cat. ♀, Madagascar), 214 (cat. ♂, Madagascar), pls 1 (fig. 1), 2 (fig. 33).

\**Mutilla betsilea*: de SAUSSURE 1890: pl. 7 (sp. nov., fig. 8 ♀, Madagascar) (junior subjective synonym, partim).

*Mutilla betsilea* de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♀, Madagascar).

*Mutilla betsilea* de SAUSSURE: de SAUSSURE 1892: 261 (key), 279 (tax., descr. ♀, Madagascar; ♀ syntypes "Madagascar" [SMF]).

*Mutilla betsilea* de SAUSSURE: de DALLA TORRE 1897: 15 (cat. partim).

*Mutilla betsilea* de SAUSSURE: ANDRÉ 1902: 35 (cat. partim).

*Mutilla betsilea* de SAUSSURE: BISCHOFF 1920: 406 (syn.).

\**Mutilla gigantea* de SAUSSURE: pl. 6 (fig. 2a ♂), pl. 7 (sp. nov., fig. 2 ♂, Madagascar) (junior primary homonym of *Mutilla gigantea* PERTY; junior subjective synonym).

*Mutilla gigantea* de SAUSSURE: de SAUSSURE 1891: 258 (descr. ♂, Madagascar).

*Mutilla gigantea* de SAUSSURE: de SAUSSURE 1892: 262 (key), 263 (tax.), 290 (tax., descr. ♂, Madagascar; holotype "Madagascar, Grandidier" [MNHN?]).

*Mutilla gigantea* de SAUSSURE: ANDRÉ 1902: 69 (cat.).

*Dasylabris gigantea* (de SAUSSURE): BISCHOFF 1921: 678 (tax., descr. ♀, Madagascar).

*Trogaspidia gigantea* (de SAUSSURE): OLSOUFIEFF 1938: 198 (tax., cat.), 200 (syn.).

\**Mutilla gigas* de DALLA TORRE 1897: 43 (nom. nov., replacement name for *Mutilla gigantea* de SAUSSURE not PERTY, cat.) (junior subjective synonym).

*Mutilla gigas* de DALLA TORRE: SCHULZ 1912: 83 (tax., Madagascar).

H o s t : Reared from Hymenoptera cocoons by Seyrig (OLSOUFIEFF 1938).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Antsiranana, Iharana (Vohémar), Vallée du Sambirano – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Antsihanaka, Baie d'Antongil, Maroantsetra, Tampina – Prov. Toliara: Andrahomana, Bekily, Tongobory.

### ***Aureotilla hebraea* (BISCHOFF 1920) new status**

*Aureotilla madecassa* subsp. *hebraea* BISCHOFF 1920: 315 (subsp. nov., descr. ♀, Madagascar; syntypes "Rég. de Sakarami, M. de Rothschild, [19]05" [MNHN], "Nossibé" [ETHZ]).

*Aureotilla madecassa hebraea* BISCHOFF: BISCHOFF 1921: 819, 825 (pl. II, fig. 132).

*Trogaspidia (Aureotilla) madegassa* (!) var. *hebraea* (BISCHOFF): OLSOUFIEFF 1938: 187 (key, tax., descr. ♀, Madagascar), 211 (cat. ♀, Madagascar).

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

The females of *A. hebraea* differ from *A. madecassa* by the presence of a genal carina and having golden setae on terga IV and V. They also differ in the shape of the pygidial area. These are characters regarded as of species-level significance in related genera.

### ***Aureotilla madecassa* (de SAUSSURE 1890)**

*Mutilla madecassa* de SAUSSURE 1890: pl 7 (sp. nov., fig. 4 ♀, Madagascar).

*Mutilla madecassa* de SAUSSURE: de SAUSSURE 1891: 258 (descr. ♀, Madagascar).

*Mutilla madecassa* de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (tax.), 263 (tax.), 283 (tax., descr. ♀, Madagascar; syntypes "Madagascar, Grandidier" (one) [MNHN?], [BMNH], [ZMHB]), [MHNG]).

*Mutilla madecassa* de SAUSSURE: de DALLA TORRE 1897: 56 (cat.).

? *Mutilla madecassa* de SAUSSURE: FRIESE 1900: 266 (Madagascar).

*Mutilla madecassa* de SAUSSURE: ANDRÉ 1902: 69 (cat.).

*Mutilla madecassa* de SAUSSURE: SCHULZ 1912: 83 (tax., Madagascar).

*Aureotilla madecassa* (de SAUSSURE): BISCHOFF 1920: 314 (type species as "*madegassa* (!) Sauss."), 315 (tax., descr. ♀, Madagascar; syntype (as "Typus") "Madagaskar" [ZMHB]).

*Trogaspidia (Aureotilla) madegassa* (!) (de SAUSSURE): OLSOUFIEFF 1938: 187 (key, tax., descr. ♀, Madagascar), 197 (tax., biol.), 211 (cat. ♀, Madagascar), pl. II (fig. 18).

*Trogaspidia madegassa* (!) (de SAUSSURE): OLSOUFIEFF 1938: 200 (key, tax., descr. ♂, biol., Madagascar), 214 (cat. ♂, Madagascar), pl. I (fig. 2).

*Smicromyrme madecassa* (de SAUSSURE): KROMBEIN 1951: 287 (tax.).

*Timulla (Aureotilla) madecassa* (de SAUSSURE): KROMBEIN 1951: 292 (tax., Madagascar).

*Aureotilla madecassa* (de SAUSSURE): NONVEILLER & ČETKOVIĆ 1995: 163 (tax. Madagascar, footnote: tax.), 173 (figs 7a, 7b), 184 (cat.).

\**Mutilla betsilea* de SAUSSURE 1890: pl. 18 (sp. nov., fig. 36 ♂, Madagascar) (junior subjective synonym, part).

*Mutilla betsilea* de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♂, Madagascar).

*Mutilla betsilea* de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (key), 263 (tax.), 279 (tax., descr. ♂, Madagascar; syntype(s) ♂ "Madagaskar" [ZMHB]).

*Mutilla betsilea* de SAUSSURE: de DALLA TORRE 1897: 14 (cat. partim).

*Mutilla betsilea* de SAUSSURE: ANDRÉ 1902: 35 (cat. partim).

*Lophotilla betsilea* (de SAUSSURE): BISCHOFF 1920: 305 (key), 310 (tax., descr. ♂, Madagascar; syntype (as "der Typus") "Madagaskar" [ZMHB]).

*Lophotilla betsilea* (de SAUSSURE): BRADLEY & BEQUAERT 1923: 225 (tax., Madagascar).

*Trogaspidia betsilea* (de SAUSSURE): OLSOUFIEFF 1938: 198 (tax., cat.).

*Lophotilla Betsilea* (!) (de SAUSSURE): KROMBEIN 1939: 317 (key).

**H o s t** : Reared from Hymenoptera cocoons by Seyrig (OLSOUFIEFF 1938).

**D i s t r i b u t i o n** : Madagascar: Prov. Antsiranana: Antsiranana, Befandriana, Nosy Be – Prov. Antananarivo: Antananarivo, Betafo – Prov. Toamasina: Maroantsetra – Prov. Fianarantsoa: Vohilava, Centre Sud – Prov. Toliara: Bekily, Isaka, Miandrivazo.

### ***Aureotilla praeclara* (BISCHOFF 1920)**

*Lophotilla praeclara* BISCHOFF 1920: 305 (key), 311 (sp. nov., descr. ♂, Madagascar; holotype "N. Madagaskar, Amber Gebirge, Rolle" [HNHM]).

*Trogaspidia praeclara* (BISCHOFF): OLSOUFIEFF 1938: 198 (tax., cat.), 203 (cat.), 215 (cat. ♂, Madagascar).

*Lophotilla praeclara* BISCHOFF: KROMBEIN 1939: 317 (tax.).

*Aureotilla praeclara* (BISCHOFF): NONVEILLER & ČETKOVIĆ 1995: 164 (tax.), 184 (cat.).

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

### ***Aureotilla tulearica* (OLSOUFIEFF 1938)**

*Trogaspidia (Aureotilla) tulearica* OLSOUFIEFF 1938: 188 (sp. nov., key, descr. ♀, Madagascar; syntypes "Tuléar, Bekily (A. Seyrig), Antandroy"), 211 (cat. ♀, Madagascar), pl. II (fig. 19).

*Smicromyrme tulearica* (OLSOUFIEFF): KROMBEIN 1951: 288 (tax.).

*Aureotilla tulearica* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Aureotilla) tulearica* (OLSOUFIEFF): VIETTE 1978: 226 (tax. ♀, Madagascar; lectotype "Madagascar Ampandrandava (S.) A Seyrig 193" [MNHN]).

**D i s t r i b u t i o n** : Madagascar: Prov. Toliara: Ampandrandava, Bekily, Toliara, Antandroy.

### **Genus *Chrysotilla* BISCHOFF 1920**

Description: BISCHOFF 1920: 312.

Type species: *Chrysotilla ochraceipes* BISCHOFF 1920 (= *Mutilla moerens* ANDRÉ 1899).

Distribution: Ethiopian Region.

Malagasy species: 17.

### ***Chrysotilla analis* (OLSOUFIEFF 1938) new combination**

*Trogaspidia analis* OLSOUFIEFF 1938: 205 (sp. nov., key, descr. ♂, Madagascar; syntypes "Montagne d'Ambre"), 215 (cat. ♂, Madagascar).

*Timulla (Chrysotilla) analis* (OLSOUFIEFF): KROMBEIN 1951: 288 (tax.).

*Trogaspidia analis* OLSOUFIEFF: KROMBEIN 1977: 4 (tax., descr. ♂, Madagascar).

*Trogaspidia analis* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar M-gne d'Ambre G. Olsoufieff 193" [MNHN]).

\**Timulla (Chrysotilla) sylvicola* KROMBEIN 1951: 289 (nom. nov., replacement name for *Timulla analis* (OLSOUFIEFF), Madagascar) (objective junior synonym).

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

*Trogaspidia analis* OLSOUFIEFF 1938 is a junior secondary homonym of *Trogaspidia analis* (LEPELETIER de SAINT-FARGEAU 1845), but the substitute name (*sylvicola*) has never been used since its proposal and the species concerned are no longer considered congeneric; *analis* OLSOUFIEFF must therefore be used in *Chrysotilla* for the Madagascan species (Article 59.3 of the Code).

### ***Chrysotilla antongilana* BISCHOFF 1920**

*Chrysotilla antongilana* BISCHOFF 1920: 313 (key), 314 (sp. nov., descr. ♀, Madagascar; holotype "Baie d'Antongil, 1898, Mocquerys" [MNHN]).

*Chrysotilla antongilana* BISCHOFF: BISCHOFF 1921: 819, 825 (pl. II, fig. 138).

*Trogaspidia (Chrysotilla) antongilana* (!) (BISCHOFF): OLSOUFIEFF 1938: 184 (key, tax., descr. ♀, Madagascar), 211 (cat. ♀, Madagascar), pl. II (fig. 8).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Baie d'Antongil, Maroantsetra.

### ***Chrysotilla chauvini* (OLSOUFIEFF 1938) new combination**

*Trogaspidia chauvini* OLSOUFIEFF 1938: 204 (sp. nov., key, descr. ♂, Madagascar; syntypes "Périnet, Antsihanaka, Maroantsetra, Ambodirafia"), 215 (cat. ♂, Madagascar).

*Timulla (Chrysotilla) Chauvini* (!) (OLSOUFIEFF): KROMBEIN 1951: 290 (tax. ♂, Madagascar).

*Trogaspidia chauvini* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♂, Madagascar).

*Trogaspidia chauvini* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar, Forêt Rogez Chauvin II-30" [MNHN]).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Ambodirafia, Andasibe (Perinet), Andekaleka (Rogez), Antsihanaka, Fanovana, Maroantsetra.

### ***Chrysotilla consobrina* (ANDRÉ 1901) new combination**

*Mutilla consobrina* ANDRÉ 1901: 137 (sp. nov., descr. ♂, Madagascar; syntypes "Madagascar... 1898... Baie d'Antongil par M. A. Moequerys" [MNHN]).

*Mutilla consobrina* ANDRÉ: ANDRÉ 1902: 36 (cat.).

*Mutilla consobrina* ANDRÉ: BISCHOFF 1921: 767 (tax., descr. ♂, Madagascar).

*Trogaspidia (Chrysotilla) consobrina* (ANDRÉ): OLSOUFIEFF 1938: 183 (key, tax., descr. ♀, Madagascar), 199 (tax., cat.), 210 (cat. ♀, Madagascar), pl. II (fig. 4).

*Trogaspidia consobrina* (ANDRÉ): OLSOUFIEFF 1938: 205 (key, tax., descr. ♂, Madagascar), 215 (cat. ♂, Madagascar).

[*Mutilla*] *consobrina* (ANDRÉ): KROMBEIN 1951: 289 (tax.).

**D i s t r i b u t i o n :** Madagascar: Prov. Antananarivo: Mandraka – Prov. Toamasina: Ambodirafia, Baie d'Antongil – Prov. Toliara: Bezavona.

### ***Chrysotilla elongata* (OLSOUFIEFF 1938)**

*Trogaspidia (Chrysotilla) elongata* OLSOUFIEFF 1938: 184 (sp. nov., key, descr. ♀, Madagascar; type(s) "Fanovana, 1934"), 211 (cat. ♀, Madagascar), pl. II (fig. 9).

*Chrysotilla elongata* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Chrysotilla) elongata* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Madagascar Env. de Fanovana G. Olsoufieff 193" [MNHN]).

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

***Chrysotilla grandidieri* (de SAUSSURE 1890) new combination**

*Mutilla Grandidieri* (!) de SAUSSURE 1890: pl 7 (sp. nov., fig. 9 ♀, Madagascar).

*Mutilla Grandidieri* (!) de SAUSSURE: de SAUSSURE 1891: 258 (descr. ♀, Madagascar).

*Mutilla Grandidieri* (!) de SAUSSURE: de SAUSSURE 1892: 262 (key), 286 (tax., descr. ♀, Madagascar; holotype "Madagascar" [MHNG]).

*Mutilla grandidieri* de SAUSSURE: de DALLA TORRE 1897: 44 (cat.).

*Mutilla grandidieri* de SAUSSURE: ANDRÉ 1902: 69 (cat.).

*Mutilla grandidieri* de SAUSSURE: SCHULZ 1912: 83 (tax., Madagascar).

*Mutilla grandidieri* de SAUSSURE: BISCHOFF 1921: 733 (tax., descr. ♀, Madagascar).

*Trogaspidia (Chrysotilla) grandidieri* (de SAUSSURE): OLSOUFIEFF 1938: 182 (tax, key, descr. ♀, Madagascar), 210 (cat. ♀, Madagascar), pl. II (fig. 2).

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

***Chrysotilla honesta* (ANDRÉ 1898)**

*Mutilla honesta* ANDRÉ 1898: 72 (sp. nov., descr. ♀, Madagascar; syntypes "Sainte-Marie de Madagascar" [MNHN]), 74 (key).

*Mutilla honesta* ANDRÉ: ANDRÉ 1902: 36 (cat.).

*Chrysotilla honesta* (ANDRÉ): BISCHOFF 1920: 459 (key).

*Chrysotilla honesta* (ANDRÉ): BISCHOFF 1921: 481 (tax., descr. ♀, Madagascar).

*Trogaspidia (Chrysotilla) honesta* (ANDRÉ): OLSOUFIEFF 1938: 182 (tax.), 183 (key, tax., descr. ♀, Madagascar), 186 (tax.), 210 (cat. ♀, Madagascar), pl. II (fig. 6).

**D i s t r i b u t i o n and new record:** Madagascar: Prov. Toamasina: Analamazoatra, Andasibe (Perinet), Nosy Boraha (Sainte Marie).

***Chrysotilla irradiata* (OLSOUFIEFF 1938)**

*Trogaspidia (Chrysotilla) irradiata* OLSOUFIEFF 1938: 183 (sp. nov., key, descr. ♀, Madagascar; type(s) "Montagne d'Ambre 1934"), 210 (cat. ♀, Madagascar), pl. II (fig. 5).

*Chrysotilla irradiata* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Chrysotilla) irradiata* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; type material not found).

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

***Chrysotilla menavudia* (OLSOUFIEFF 1938) new combination**

*Trogaspidia menavudia* OLSOUFIEFF 1938: 205 (sp. nov., key, descr. ♂, Madagascar; syntypes "Antsihanaka"), 215 (cat. ♂, Madagascar).

*Timulla (Chrysotilla) menavudia* (OLSOUFIEFF): KROMBEIN 1951: 290 (tax., Madagascar).

*Trogaspidia menavudia* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♂, Madagascar).

*Trogaspidia menavudia* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; type material not found).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Antsihanaka, Fanovana – Prov. Fianarantsoa: Ambalavao.

***Chrysotilla moerens* (ANDRÉ 1899)**

*Mutilla moerens* ANDRÉ 1899a: 34 (sp. nov., descr. ♂, Madagascar; holotype "Baie d'Antongil, M.A. Mocquerys" [MNHN]).

*Mutilla moerens* ANDRÉ: ANDRÉ 1902: 37 (cat.).

*Mutilla moerens* ANDRÉ: BISCHOFF 1921: 781 (tax., descr. ♂, Madagascar).

*Trogaspidia (Chrysotilla) moerens* (ANDRÉ): OLSOUFIEFF 1938: 185 (key, tax., descr. ♀, Madagascar), 199 (tax., cat.), 211 (cat. ♀, Madagascar), pl. II (fig. 12).

*Trogaspidia moerens* (ANDRÉ): OLSOUFIEFF 1938: 205 (key, tax., descr. ♂, Madagascar), 215 (cat. ♂, Madagascar).

*Timulla (Chrysotilla) moerens* (ANDRÉ): KROMBEIN 1951: 289 (tax., Madagascar).

*Chrysotilla moerens* (ANDRÉ): LELEJ & BROTHERS 2008: 16 (tax.).

\**Chrysotilla ochraceipes* BISCHOFF 1920: 312 (type species), 313 (sp. nov., key, descr. ♀, Madagascar; holotype "Madagascar" [NMW]) (junior subjective synonym).

*Chrysotilla ochraceipes* BISCHOFF: BISCHOFF 1921: 819, 822, 825 (pl. II fig. 137), 828 (pl. V, fig. 132).

*Chrysotilla ochraceipes* BISCHOFF: OLSOUFIEFF 1938: 185 (syn.), 205 (syn.).

**Distribution and new record:** Madagascar: Prov. Antananarivo: Mandraka – Prov. Toamasina: Ambodirafia, Ambodivoangy, Andasibe (Perinet), Andekaleka (Rogez), Antsihanaka, Baie d'Antongil, Fanovana, Maroantsetra, Sandrangato – Prov. Fianarantsoa: Vohilava.

### ***Chrysotilla nataliae* (OLSOUFIEFF 1938)**

*Trogaspidia (Chrysotilla) nataliae* OLSOUFIEFF 1938: 184 (sp. nov., key, descr. ♀, Madagascar; type(s) "Périnet (M<sup>nc</sup> N. Olsoufieff 1930)"), 210 (cat. ♀, Madagascar), pl. II (fig. 7).

*Chrysotilla nataliae* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Chrysotilla) nataliae* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Gr. Forêt Périnet N. Olsuf." [MNHN]).

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

### ***Chrysotilla pretiosa* BISCHOFF 1920**

*Chrysotilla pretiosa* BISCHOFF 1920: 459 (sp. nov., key).

*Chrysotilla pretiosa* BISCHOFF: BISCHOFF 1921: 481 (descr. ♀, Madagascar; holotype "Madagascar, Amber Geb., Rolle" [MCSN]).

*Trogaspidia (Chrysotilla) pretiosa* (BISCHOFF): OLSOUFIEFF 1938: 182 (tax.), 186 (tax.), 211 (cat. ♀, Madagascar).

**Distribution:** Madagascar: Prov. Antsiranana: Montagne d'Ambre.

### ***Chrysotilla saussurei* (OLSOUFIEFF 1938) new combination**

*Trogaspidia saussurei* OLSOUFIEFF 1938: 205 (sp. nov., key, descr. ♂, Madagascar; syntypes "Antsihanaka"), 215 (cat. ♂, Madagascar).

*Timulla (Chrysotilla) Saussurei* (!) (OLSOUFIEFF): KROMBEIN 1951: 289 (tax., Madagascar).

*Trogaspidia saussurei* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♂, Madagascar).

*Trogaspidia saussurei* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar, Forêt Rogez Chauvin II-30" [MNHN]).

**Distribution:** Madagascar: Prov. Toamasina: Andekaleka (Rogez), Antsihanaka, Fanovana.

### ***Chrysotilla sihanaka* (de SAUSSURE 1890) new combination**

*Mutilla Sihanaka* (!) de SAUSSURE 1890: pl. 19 (sp. nov., fig. 12 ♀, Madagascar).

*Mutilla antsianacae* (!) de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♀, Madagascar).

*Mutilla antsianaca* (!) de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (tax.), 263 (tax.), 282 (tax., descr. ♀, Madagascar; syntypes "Forêts dans l'est de la province d'Antsihanaka; environs de Tamatave" [MNHN]).

*Mutilla Antsianacae* (!) de SAUSSURE: de DALLA TORRE 1897: 11 (syn. of *Mutilla argenteopicta*).

*Mutilla Antsianaca* (!) de SAUSSURE: de DALLA TORRE 1897: 11 (syn. of *Mutilla argenteopicta*).

*Mutilla antsianaca* (!) de SAUSSURE 1891: ANDRÉ 1902: 35 (cat.).

*Mutilla antsianaca* (!) de SAUSSURE 1891: BISCHOFF 1921: 722 (tax., descr. ♀, Madagascar).

? *Trogaspidia* (*Chrysotilla*) *antsianaka* (!) (de SAUSSURE 1890): OLSOUFIEFF 1938: 185 (key, tax., descr. ♀, Madagascar; type [Oberthür Collection]), 211 (cat. ♀, Madagascar), pl. II (fig. 11).

**D i s t r i b u t i o n** : Madagascar: Prov. Toamasina: Ambodirafia, Foret d'Antsihanaka, near Toamasina.

Cross-referencing by de SAUSSURE (1890, 1891, 1892) makes it clear that all three of his spellings refer to the same taxon and there are no explanations for the variations; the later spellings are thus "incorrect subsequent spellings" and the first available spelling must be retained as the correct original spelling (Article 32.2 of the Code); the provisions of Article 33.3.1 relating to the retention of prevailing incorrect spellings do not apply since there is no way to determine "prevailing usage" amongst the four possibilities for a name that has been used so seldom.

### ***Chrysotilla testacea* (OLSOUFIEFF 1938) new combination**

*Trogaspidia* (*Chrysotilla*) *testacea* OLSOUFIEFF 1938: 185-186 (sp. nov., key, descr. ♀, Madagascar; holotype "Périnet"), 211 (cat. ♀, Madagascar), pl. II (fig. 13).

*Timulla* (*Chrysotilla*) *testacea* (OLSOUFIEFF): KROMBEIN 1951: 289 (tax., Madagascar).

*Chrysotilla testacea* (OLSOUFIEFF): KROMBEIN 1972: 4 (tax. ♀, Madagascar).

*Trogaspidia* (*Chrysotilla*) *testacea* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; holotype, "Madagascar Périnet G. Olsoufieff 1935" [MNHN]).

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

### ***Chrysotilla vadoni* (OLSOUFIEFF 1938)**

*Trogaspidia* (*Chrysotilla*) *vadoni* OLSOUFIEFF 1938: 183 (sp. nov., key, descr. ♀, Madagascar; type(s) "Maroantsetra (J. Vadon 1936)"), 210 (cat. ♀, Madagascar), pl. II (fig. 3).

*Chrysotilla vadoni* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia* (*Chrysotilla*) *vadoni* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Maroantsetra (1936)" [MNHN]).

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

### ***Chrysotilla variabilis* (OLSOUFIEFF 1938)**

*Trogaspidia* (*Chrysotilla*) *variabilis* OLSOUFIEFF 1938: 185 (sp. nov., key, descr. ♀, Madagascar; type(s) "Périnet 1935"), 211 (cat. ♀, Madagascar), pl. II (fig. 10).

*Chrysotilla variabilis* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia* (*Chrysotilla*) *variabilis* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Madagascar Périnet G. Olsoufieff 1935" [MNHN]).

**D i s t r i b u t i o n** and new record: Madagascar: Prov. Toamasina: Andasibe (Perinet), Nosy Boraha (Sainte Marie: Foret de Kalalao).

### **Genus *Hildebrandtia* ÖZDIKMEN 2005**

Proposal: ÖZDIKMEN 2005: 239.

Type species: *Mutilla hildebrandti* de SAUSSURE 1890.

Synonym: *Hildebrandtia* OLSOUFIEFF 1938.

Description: OLSOUFIEFF 1938: 187.

Type species: *Mutilla hildebrandti* de SAUSSURE 1890.

Distribution: Malagasy Subregion.

Malagasy species: 1.

*Hildebrandtia* OLSOUFIEFF 1938 is a junior homonym of *Hildebrandtia* NIEDEN 1907 (Amphibia: Ranidae); it was replaced by *Hildbrandetia*.

### ***Hildbrandetia hildebrandti* (de SAUSSURE 1890)**

*Mutilla Hildebrandti* (!) de SAUSSURE 1890: pl. 18 (sp. nov., fig. 34 ♀, Madagascar).

*Mutilla Hildebrandti* (!) de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♀, Madagascar).

*Mutilla Hildebrandti* (!) de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (tax.), 263 (tax.), 276 (tax., descr. ♀, Madagascar; holotype "Hildebrandt" [ZMHB]).

*Mutilla hildebrandtii* (!) de SAUSSURE: de DALLA TORRE 1897: 47 (cat.).

*Mutilla Hildebrandti* (!) de SAUSSURE: ANDRÉ 1902: 36 (cat.).

*Trogaspidia hildebrandti* (de SAUSSURE): BISCHOFF 1920: 355 (key), 408 (tax., descr. ♀, Madagascar; holotype "Madagascar" [ZMHB]).

*Trogaspidia hildebrandti* (de SAUSSURE): BISCHOFF 1921: 819, 825 (pl. II fig. 136).

*Trogaspidia (Hildebrandtia) hildebrandti* (de SAUSSURE): OLSOUFIEFF 1938: 176 (tax.), 182 (tax.), 187 (key, type species, tax., descr. ♀, Madagascar), 211 (cat. ♀, Madagascar), pl. II (fig. 26).

*Smicromyrme hildebrandtii* (de SAUSSURE): KROMBEIN 1951: 288 (tax.).

*Trogaspidia (Hildebrandtia) hildebrandti* (de SAUSSURE): VIETTE 1978: 226 (cat.).

*Hildbrandetia hildebrandti* (de SAUSSURE): ÖZDIKMEN 2005: 239 (tax.).

Distribution: Madagascar: Prov. Antananarivo: Ankazoabe, Antananarivo, Arivonimamo, Maroantsetra.

### **Genus *Mutilla* LINNAEUS 1758**

Description: LINNAEUS 1758: 582.

Type species: *Mutilla europaea* LINNAEUS 1758.

Distribution: Ethiopian, Oriental and Palaearctic Region.

Malagasy species: 2.

### ***Mutilla auriger* KROMBEIN 1951**

*Mutilla (Mutilla) auriger* KROMBEIN 1951: 286 (sp. nov., descr. ♀, Madagascar; holotype "Fort-Dauphin, Madagascar; June 22 1948; (Jean de Dieu Ratoto)" [MNHN]).

*Mutilla (Mutilla) auriger* KROMBEIN: KROMBEIN 1972: 8 (tab. 1: distr.), 22 (key), 23 (tax., descr. ♂ ♀, Madagascar).

Distribution: Madagascar: Prov. Toliara: Behara, Bekily, Fort Dauphin.

Article 31.2.2 of the Code provides that words which could be adjectives or nouns in apposition (such as words ending in *-ger*) should be generally regarded as nouns in apposition; *auriger* is thus correct, although *Mutilla* is feminine.

### ***Mutilla berlandi* KROMBEIN 1972**

*Mutilla (Mutilla) berlandi* KROMBEIN 1972: 8 (tab. 1: distr.), 22 (key), 25 (sp. nov., descr. ♀, Madagascar; holotype "Montagne des Français, district de Diégo Suarez, Madagascar Nord, February 1959, Andria Robinson" [MNHN]).

Distribution: Madagascar: Prov. Antsiranana: Montagne des Français.



### Genus *Pristomutilla* ASHMEAD 1903

Description: ASHMEAD 1903: 329.

Type species: *Mutilla pectinata* SICHEL & RADOSZKOVSKY 1869.

Distribution: Ethiopian and Oriental Region.

Malagasy species: 1.

#### *Pristomutilla pauliani* (KROMBEIN 1951)

*Timulla* (*Pristomutilla*) *Pauliani* (!) KROMBEIN 1951: 290 (sp. nov., descr. ♀, Madagascar; holotype "Antsingy de Bekopaka; July 1949; R. P[aulian]." [MNHN]).

*Pristomutilla pauliana* (!) KROMBEIN: NONVEILLER 1995: 115 (tax., cat. ♀).

Distribution: Madagascar: Prov. Toliara: Antsingy de Bemaraha.

### Genus *Pseudolophotilla* NONVEILLER & ČETKOVIĆ 1995

Description: NONVEILLER & ČETKOVIĆ 1995: 166.

Type species: *Mutilla lobicornis* ANDRÉ 1907 (= *Mutilla argenteopicta* SICHEL & RADOSZKOVSKY 1869).

Distribution: Malagasy Subregion.

Malagasy species: 3.

#### *Pseudolophotilla alluaudi* (ANDRÉ 1907)

*Mutilla Alluaudi* (!) ANDRÉ 1907: 342 (sp. nov., descr. ♂, Madagascar; holotype "Madagascar (fôret Tanala, région d'Ikongo, Ankarimbelo)... mars 1901 par M. Charles Alluaud" [MNHN]).

*Mutilla alluaudi* ANDRÉ: BISCHOFF 1921: 759 (tax., descr. ♂, Madagascar).

*Lophotilla alluaudi* (ANDRÉ): BRADLEY & BEQUAERT 1923: 224 (tax., descr. ♂, Madagascar).

*Trogaspidia alluaudi* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 201 (key, Madagascar), 214 (cat. ♂, Madagascar).

*Lophotilla alluaudi* (ANDRÉ): KROMBEIN 1939: 317 (key).

*Pseudolophotilla alluaudi* (ANDRÉ): NONVEILLER & ČETKOVIĆ 1995: 164 (tax., Madagascar, footnote: tax.), 184 (cat.).

Distribution: Madagascar: Prov. Antananarivo: Antananarivo – Prov. Fianarantsoa: Ankarimbelo, Ikongo.

#### *Pseudolophotilla argenteopicta* (SICHEL & RADOSZKOVSKY 1869)

*Mutilla argenteo-picta* (!) SICHEL & RADOSZKOVSKY 1869: 157 (sp. nov., key), pl. 8 (fig. 3).

*Mutilla argenteo-picta* (!) SICHEL & RADOSZKOVSKY: SICHEL & RADOSZKOVSKY 1870: 226 (descr. ♀, "Afrique" [= Madagascar]; syntypes "Afrique" [MNHN]).

*Mutilla argenteopicta* SICHEL & RADOSZKOVSKY: de DALLA TORRE 1897: 11 (cat.).

*Mutilla argenteopicta* SICHEL & RADOSZKOVSKY: ANDRÉ 1899b: 34 (tax., Madagascar).

*Glossotilla argenteopicta* (SICHEL & RADOSZKOVSKY): BISCHOFF 1920: 459 (key), 479 (tax., descr. ♀, Madagascar).

*Glossotilla argenteopicta* (SICHEL & RADOSZKOVSKY): BISCHOFF 1921: 819, 825 (pl. II, fig. 133).

*Trogaspidia* (*Glossotilla*) *argenteopicta* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 182 (tax.), 212 (cat. ♀, Madagascar).

*Trogaspidia argenteopicta* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 189 (tax.), 190 (tax.).

*Trogaspidia* (?*Glossotilla*) *argenteopicta* (SICHEL & RADOSZKOVSKY): OLSOUFIEFF 1938: 191 (key, tax., descr. ♀, Madagascar).

*Pseudolophotilla argenteopicta* (SICHEL & RADOSZKOVSKY): LELEJ & BROTHERS 2008: 49 (tax.).

- \**Mutilla leucopis* de SAUSSURE 1890: pl. 7 (sp. nov., figs 1, 1a ♀, Madagascar) (junior subjective synonym).
- Mutilla leucopis* de SAUSSURE: de SAUSSURE 1891: 255 (descr. ♀, Madagascar).
- Mutilla leucopis* de SAUSSURE: de SAUSSURE 1892: 261 (key), 266 (tax., descr. ♀, Madagascar; syntypes "Madagascar... Grandidier" [MNHN]).
- Mutilla leucopis* de SAUSSURE 1890: de DALLA TORRE 1897: 53 (cat.).
- Mutilla leucopis* de SAUSSURE 1890: ANDRÉ 1899b: 34 (syn.).
- Mutilla leucopis* de SAUSSURE 1890: ANDRÉ 1902: 37 (cat.).
- Mutilla leucopis* de SAUSSURE 1890: BISCHOFF 1920: 479 (syn.).
- \**Mutilla lobicornis* ANDRÉ 1907: 344 (sp. nov., descr. ♂, Madagascar; holotype "Sud de Madagascar (Vallée du Mandrare, Ampasimpolaka)... M. Ch. Alluaud en novembre 1901" [MNHN]) (junior subjective synonym).
- Lophotilla lobicornis* (ANDRÉ): BISCHOFF 1920: 305 (key), 311 (tax., descr. ♂, Madagascar).
- Lophotilla lobicornis* (ANDRÉ): BRADLEY & BEQUAERT 1923: 225 (Madagascar).
- Trogaspidia lobicornis* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 202 (key, tax., descr. ♂, Madagascar), 214 (cat. ♂, Madagascar).
- Lophotilla lobicornis* (ANDRÉ): KROMBEIN 1939: 317 (key).
- Pseudolophotilla lobicornis* (ANDRÉ): NONVEILLER & ČETKOVIĆ 1995: 163, 164 (tax., Madagascar, footnote: tax.), 166 (type species, as *Mutilla lobicornis* ANDRÉ 1938 (!)), 173 (figs 7c-e), 184 (cat.).
- Mutilla lobicornis* ANDRÉ: LELEJ & BROTHERS 2008: 49 (syn.).

D i s t r i b u t i o n and new record: Madagascar: Prov. Antsiranana: Ambanja, Iharana (Vohémar), Sakaramy, Haut-Sambirano – Prov. Mahajanga: Baie de Baly, near Katsepy, Maromandia – Prov. Antananarivo: Antananarivo – Prov. Toamasina: Andasibe (Perinet), Maroantsetra, Toamasina – Prov. Fianarantsoa: Farafangana, Vohilava – Prov. Toliara: Ambovombe, Ampasimpolaka, Andranohinaly Bekily, Antandroy, Mandrare.

### ***Pseudolophotilla venustula* (de SAUSSURE 1890)**

- Mutilla venustula* de SAUSSURE 1890: pl 7 (sp. nov., fig. 7 ♀, Madagascar).
- Mutilla venustula* de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♀, Madagascar).
- Mutilla venustula* de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (tax.), 263 (tax.), 277 (tax., descr. ♀, Madagascar; syntypes "Grandidier" [MNHN], "Antananarivo" [MHNG]).
- Mutilla venustula* de SAUSSURE: de DALLA TORRE 1897: 95 (cat.).
- Mutilla venustula* de SAUSSURE: ANDRÉ 1902: 38 (cat.).
- Mutilla venustula* de SAUSSURE: SCHULTHEB 1919: 50 (Madagascar).
- Trogaspidia venustula* (de SAUSSURE): BISCHOFF 1920: 355 (key), 407 (tax., descr. ♀, Madagascar).
- Trogaspidia (Trogaspidia) venustula* (de SAUSSURE): OLSOUFIEFF 1938: 182 (tax.), 189 (cat.), 190 (key, tax., descr. ♀, Madagascar), 212 (cat. ♀, Madagascar), 214 (cat. ♂, Madagascar), 215 (tax.), pl. II (fig. 21).
- Trogaspidia venustula* (de SAUSSURE): OLSOUFIEFF 1938: 202 (key, tax., descr. ♂, Madagascar), 214 (cat. ♂, Madagascar), 215 (tax.).
- Timulla venustula* (de SAUSSURE): KROMBEIN 1951: 290 (tax.).
- \**Trogaspidia andraei* OLSOUFIEFF 1938: 201 (sp. nov., key, descr. ♂, Madagascar; syntypes "Bekily (... M. Seyrig, 1930 et 1934)", 214 (cat. ♂, Madagascar). **new synonymy**
- Trogaspidia andraei* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♂, Madagascar).
- Trogaspidia andraei* OLSOUFIEFF: VIETTE 1978: 227 (tax., Madagascar; lectotype "Madagascar Bekily (Sud) Seyrig III-30 // Madagascar Ampandradava (S.) A. Seyrig 193" [MNHN]).
- Pseudolophotilla andrei* (!) (OLSOUFIEFF): NONVEILLER & ČETKOVIĆ 1995: 163 (Madagascar), 164 (tax.), 184 (cat.).
- \**Lophotilla tandrona* KROMBEIN 1939: 316 (sp. nov., descr. ♂, Madagascar; holotype "Maromandia, Region sèche, Madagascar N. W., May, 1938 (Ch. Lambertson)" [USNM]), 317 (key) (junior subjective synonym).

*Lophotilla tandroma* (!) KROMBEIN: NONVEILLER & ČETKOVIĆ 1995: 163 (syn. of *Trogaspidia andrei* (!)).

**D i s t r i b u t i o n** and new record Madagascar: Prov. Antsiranana: Antsiranana, Haut-Sambirano, Nosy Be – Prov. Mahajanga: Maromandia – Prov. Antananarivo: near Antananarivo, Lac Itasy – Prov. Toamasina: Ambodirafia, Andasibe (Perinet), Baie d'Antongil – Prov. Toliara: Ampandrandava, Behara, Bekily, Fort Dauphin.

The female of *Mutilla venustula* de SAUSSURE 1890 has been taken *in copula* with the male of *Trogaspidia andraei* OLSOUFIEFF 1938 (letter of Guido Nonveiller to Arkady Lelej, June 10, 1996), hence the new synonymy above.

### **Genus *Sylvotilla* VIETTE 1978**

Description: OLSOUFIEFF 1938: 186 (not available). VIETTE 1978: 225.

Type species: *Trogaspidia globithorax* OLSOUFIEFF 1938.

Distribution: Malagasy Subregion.

Malagasy species: 4.

OLSOUFIEFF (1938: 186) included three species when he proposed the new subgenus *Sylvotilla*, but he did not designate a type species; his name is therefore not available (Article 13.3 of the Code). VIETTE (1978) first designated the type species, thus making the name available.

### ***Sylvotilla globithorax* (OLSOUFIEFF 1938)**

*Trogaspidia (Sylvotilla) globithorax* OLSOUFIEFF 1938: 186 (sp. nov., key, descr. ♀, Madagascar; type(s) "La Mandraka, 1934"), 211 (cat. ♀, Madagascar), pl. II (fig. 16).

*Sylvotilla globithorax* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Sylvotilla) globithorax* OLSOUFIEFF: VIETTE 1978: 225 (type species), 226 (tax. ♀, Madagascar; lectotype "Madagascar Vallée Mandraka G. Olsoufieff 193" [MNHN]).

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

### ***Sylvotilla globiventris* (OLSOUFIEFF 1938)**

*Trogaspidia (Sylvotilla) globiventris* OLSOUFIEFF 1938: 186 (sp. nov., key, descr. ♀, Madagascar; syntypes "vallée La Mandraka, en 1935"), 211 (cat. ♀, Madagascar), pl. II (fig. 15).

*Sylvotilla globiventris* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Sylvotilla) globiventris* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Madagascar Vallée Mandraka G. Olsoufieff 193" [MNHN]).

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

### ***Sylvotilla robinsoni* (OLSOUFIEFF 1938)**

*Trogaspidia (Sylvotilla) robinsoni* OLSOUFIEFF 1938: 187 (sp. nov., key, descr. ♀, Madagascar; type(s) "Montagne d'Ambre (Janvier 1934)"), 211 (cat. ♀, Madagascar), pl. II (fig. 17).

*Sylvotilla robinsoni* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia (Sylvotilla) robinsoni* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar; type material not found).

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

***Sylvotilla touvenoti* (OLSOUFIEFF 1938)**

*Trogaspidia* (*Sylvotilla*) *touvenoti* OLSOUFIEFF 1938: 186 (sp. nov., key, descr. ♀, Madagascar; type(s) "Périnet (M<sup>nc</sup> Olsoufieff 1930)"), 211 (cat. ♀, Madagascar), pl. II (fig. 14).

*Sylvotilla touvenoti* (OLSOUFIEFF): KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia* (*Sylvotilla*) *touvenoti* OLSOUFIEFF: VIETTE 1978: 225 (tax. ♀, Madagascar; lectotype "Périnet G. Forêt N. Olsuf." [MNHN]).

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

**Genus *Trogaspidia* ASHMEAD 1899**

Description: ASHMEAD 1899: 58.

Type species: *Mutilla medon* SMITH 1855.

Distribution: Australian, Ethiopian, Oriental and Palaearctic Region.

Malagasy species: 21.

The genus *Trogaspidia* is in urgent need of revision, a process started by the late Guido Nonveiller; the genus is almost certainly absent from the Malagasy Subregion, but replaced there by several other genera, most yet to be described. The species below are retained in *Trogaspidia* pending revision.

***Trogaspidia aurantissima* OLSOUFIEFF 1938**

*Trogaspidia* (*Trogaspidia*) *venustula* subsp. *aurantissima* OLSOUFIEFF 1938: 191 (subsp. nov., descr. ♀, Madagascar; holotype "Haut-Sambirano (M. J.-V. Mellis 1933)").

*Trogaspidia* (?) *aurantissima* OLSOUFIEFF: 212 (cat. ♀, Madagascar).

*Trogaspidia venustula aurantissima* OLSOUFIEFF: KROMBEIN 1972: 6 (tax.).

*Trogaspidia venustula* subsp. *aurantissima* OLSOUFIEFF: VIETTE 1978: 226 (tax., cat.; type material not found).

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

The "rufinos" of BISCHOFF (1920: 481) mentioned by OLSOUFIEFF (1938: 191) were merely referred to as other specimens comparable to the holotype of *aurantissima* in their immature/reddish appearance, not as other specimens of this taxon; they are paratypes of *Glossotilla argenteopicta politana* BISCHOFF 1920.

***Trogaspidia aurolimbata* (ANDRÉ 1901)**

*Mutilla aurolimbata* ANDRÉ 1901: 142 (sp. nov., descr. ♂, Madagascar; holotype "Madagascar (Fort Dauphin)... 1900... M. E. Grandidier" [MNHN]).

*Mutilla aurolimbata* ANDRÉ: ANDRÉ 1902: 35 (cat.).

*Mutilla aurolimbata* ANDRÉ: BISCHOFF 1921: 762 (tax., descr. ♂, Madagascar).

*Trogaspidia aurolimbata* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 202 (syn.), 203 (cat.), 214 (cat. ♂, Madagascar), 215 (tax.).

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

***Trogaspidia aurovittata* (ANDRÉ 1899)**

*Mutilla aurovittata* ANDRÉ 1899a: 35 (sp. nov., descr. ♂, Madagascar; holotype "M. Albert Mocquers dans la Baie d'Antongil (Madagascar)" [MNHN]).

*Mutilla aurovittata* ANDRÉ: ANDRÉ 1902: 35 (cat.).

*Mutilla aurovittata* ANDRÉ: BISCHOFF 1921: 763 (tax., descr. ♂, Madagascar).

*Trogaspidia aurovittata* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 202 (syn.), 203 (cat.), 214 (cat. ♂, Madagascar), 215 (tax.).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Baie d'Antongil.

***Trogaspidia circularis* OLSOUFIEFF 1938**

*Trogaspidia circularis* OLSOUFIEFF 1938: 190 (sp. nov., key, descr. ♀, Madagascar; syntypes "Commune"), 212 (cat. ♀, Madagascar), pl. II (fig. 33).

*Trogaspidia circularis* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia circularis* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar; lectotype "Madagascar Env. Tananar. Olsoufieff // Madagascar Env. Tananarive G. Olsoufieff 193" [MNHN]).

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

***Trogaspidia cyanogastra* (ANDRÉ 1901)**

*Mutilla cyanogastra* ANDRÉ 1901: 139 (sp. nov., descr. ♂, Madagascar; syntypes "Madagascar (Baie d'Antongil... M. A. Mocquerys", "Sainte-Marie de Madagascar" [MNHN]).

*Mutilla cyanogastra* ANDRÉ: ANDRÉ 1902: 36 (cat.).

*Mutilla cyanogastra* ANDRÉ: BISCHOFF 1921: 767 (tax., descr. ♂, Madagascar).

*Trogaspidia cyanogastra* (ANDRÉ): OLSOUFIEFF 1938: 199 (tax., cat.), 206 (key, tax., descr. ♂, Madagascar), 215 (cat. ♂, Madagascar).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Andasibe (Perinet), Antsihanaka, Baie d'Antongil, Sandrangato, Nosy Boraha (Sainte Marie).

***Trogaspidia ditissima* (ANDRÉ 1905)**

*Mutilla ditissima* ANDRÉ 1905: 209 (sp. nov., descr. ♂, Madagascar; holotype "Diégo-Suarez (Madagascar)" [MNHN]).

*Mutilla ditissima* ANDRÉ: BISCHOFF 1921: 769 (tax., descr. ♂, Madagascar).

*Trogaspidia ditissima* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 201 (key, Madagascar), 214 (cat. ♂, Madagascar).

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

***Trogaspidia incerta* OLSOUFIEFF 1938**

*Trogaspidia incerta* OLSOUFIEFF 1938: 203 (sp. nov., key, descr. ♂, Madagascar; syntypes "Bekily", "Haut-Sambirano"), 214 (cat. ♂, Madagascar), 215 (tax.).

*Trogaspidia incerta* OLSOUFIEFF: KROMBEIN 1972: 4 (tax. ♂, Madagascar).

*Trogaspidia incerta* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar Bekily (Sud) Seyrig X-30 // Madagascar Ampandrandava (S.) A. Seyrig" [MNHN]).

**D i s t r i b u t i o n** and new record: Madagascar: Prov. Antsiranana: Haut-Sambirano – Prov. Mahajanga: near Katsepy – Prov. Toliara: Ampandrandava, Bekily.

***Trogaspidia magnifica* (BISCHOFF 1920)**

*Glossotilla argenteopicta* subsp. *magnifica* BISCHOFF 1920: 459 (key), 480 (subsp. nov., descr. ♀, Madagascar; holotype "Maroantsetza" (!) [HNHM]).

*Trogaspidia magnifica* (!) (BISCHOFF): OLSOUFIEFF 1938: 189 (tax., cat.).

*Trogaspidia magnifica* (BISCHOFF): OLSOUFIEFF 1938: 190 (tax.).

*Trogaspidia* (?) *magnifica* (BISCHOFF): OLSOUFIEFF 1938: 212 (cat. ♀, Madagascar).

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

***Trogaspidia mariaebogdanovi* OLSOUFIEFF 1938**

*Trogaspidia mariaebogdanovi* (!) OLSOUFIEFF 1938: 206 (sp. nov., key, descr. ♂, Madagascar; type(s) "Montagne d'Ambre, 1934"), 215 (cat. ♂, Madagascar).

*Trogaspidia mariaebogdanovi* OLSOUFIEFF: KROMBEIN 1972: 4 (tax. ♂, Madagascar).

*Trogaspidia mariaebogdanovi* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar M-gne d'Ambre G. Olsoufieff 193" [MNHN]).

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

***Trogaspidia micheli* OLSOUFIEFF 1938**

*Trogaspidia micheli* OLSOUFIEFF 1938: 204 (sp. nov., key, descr. ♂, Madagascar; holotype "Maroantsetra 1936... M. Vadon"), 215 (cat. ♂, Madagascar).

*Trogaspidia micheli* OLSOUFIEFF: KROMBEIN 1951: 289 (tax.).

*Trogaspidia micheli* OLSOUFIEFF: KROMBEIN 1972: 4 (tax. ♂, Madagascar).

*Trogaspidia micheli* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; holotype "Maroantsetra 1936" [MNHN]).

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

***Trogaspidia politana* (BISCHOFF 1920)**

*Glossotilla argenteopicta* subsp. *politana* BISCHOFF 1920: 459 (key), 480 (subsp. nov., descr. ♀, Madagascar).

*Glossotilla argenteopicta* subsp. *politana* BISCHOFF: BISCHOFF 1921: 481 (descr. ♀, Madagascar; holotype "Madagaskar, Prov. d'Imerina, Ambohibeloma (Camboué)" [MNHN]).

*Trogaspidia politana* (BISCHOFF): OLSOUFIEFF 1938: 189 (tax., cat.), 190 (tax.).

*Trogaspidia* (?) *politana* (BISCHOFF): OLSOUFIEFF 1938: 212 (cat. ♀, Madagascar).

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

***Trogaspidia pulcherrima* (ANDRÉ 1905)**

*Mutilla pulcherrima* ANDRÉ 1905: 211 (sp. nov., descr. ♂, Madagascar; holotype "Diégo-Suarez (Madagascar)" [MNHN]).

*Mutilla pulcherrima* ANDRÉ: BISCHOFF 1921: 787 (tax., descr. ♂, Madagascar).

*Trogaspidia pulcherrima* (ANDRÉ): OLSOUFIEFF 1938: 198 (tax., cat.), 202 (syn.), 203 (cat.), 214 (cat. ♂, Madagascar), 215 (tax.).

D i s t r i b u t i o n : Madagascar: Prov. Antsiranana: Montagne des Français.

***Trogaspidia radachkovskii* OLSOUFIEFF 1938**

*Trogaspidia* (?) *radachkovskii* OLSOUFIEFF 1938: 204 (sp. nov., key, descr. ♂, Madagascar; holotype "non loin de Tananarive en 1930"), 215 (cat. ♂, Madagascar).

*Trogaspidia radachkovskii* OLSOUFIEFF: KROMBEIN 1972: 4 (tax. ♂, Madagascar).

*Trogaspidia* (?) *radachkovskii* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; holotype "Madagascar Env. Tananar. Olsufiew // Madagascar Env. Tananarive G. Olsoufieff 193" [MNHN]).

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

***Trogaspidia sanctaemariae* (ANDRÉ 1901)**

*Mutilla Sanctae-Mariae* (!) ANDRÉ 1901: 140 (sp. nov., descr. ♂, Madagascar; holotype "Ile Sainte-Marie de Madagascar" [MNHN]).

*Mutilla Sanctae-Mariae* (!) ANDRÉ: ANDRÉ 1902: 37 (cat.).

*Mutilla sanctaemariae* ANDRÉ: BISCHOFF 1921: 790 (tax., descr. ♂, Madagascar).

*Trogaspidia sancta-mariae* (!) (ANDRÉ): OLSOUFIEFF 1938: 199 (tax., cat.), 206 (key, tax.), 215 (cat. ♂, Madagascar).

**D i s t r i b u t i o n :** Madagascar: Prov. Toamasina: Nosy Boraha (Sainte Marie).

### ***Trogaspidia seyrigiana* OLSOUFIEFF 1938**

*Trogaspidia (Trogaspidia) seyrigiana* OLSOUFIEFF 1938: 190 (sp. nov., key, descr. ♀, Madagascar; syntypes "Bekily, Morondava, Marovoay"), 197 (tax., biol.), 201 (key, descr. ♂, Madagascar; syntypes "Bekily (Seyrig 1930 et 1936)"), 212 (cat. ♀, Madagascar), 214 (cat. ♂, Madagascar).

*Trogaspidia seyrigiana* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia seyrigiana* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar; lectotype ♀ "Madagascar Bekily rég. Sud de l'île // Muséum Paris III-36 A. Seyrig" [MNHN]).

**H o s t :** Reared from Hymenoptera cocoons by Seyrig (OLSOUFIEFF 1938).

**D i s t r i b u t i o n :** Madagascar: Prov. Mahajanga: Marovoay – Prov. Toliara: Bekily, Morondava.

### ***Trogaspidia sichelii* (de SAUSSURE 1890)**

*Mutilla Sichelii* (!) de SAUSSURE 1890: pl. 7 (sp. nov., fig. 5 ♂, Madagascar).

*Mutilla Sichelii* (!) de SAUSSURE: de SAUSSURE 1891: 259 (descr. ♂, Madagascar).

*Mutilla Sichelii* (!) de SAUSSURE: de SAUSSURE 1892: 262 (key), 263 (tax.), 293 (tax., descr. ♂, Madagascar; syntypes "Madagascar, Alfred Grandidier... région d'Antananarivo" [MNHN]).

*Mutilla sichelii* de SAUSSURE: de DALLA TORRE 1897: 85 (cat.).

*Mutilla Sicheli* (!) de SAUSSURE: ANDRÉ 1902: 37 (cat.).

*Trogaspidia sicheli* (!) (de SAUSSURE): BISCHOFF 1920: 358 (key), 443 (tax., descr. ♂, Madagascar; syntype (as "Typus") "Madagascar" [ZMHB]).

*Trogaspidia (Trogaspidia) sicheli* (!) (de SAUSSURE): OLSOUFIEFF 1938: 188 (key, tax., descr. ♀, Madagascar), 198 (tax., cat.), 203 (key, tax., descr. ♂, Madagascar), 208 (biol.), 212 (cat. ♀, Madagascar), 215 (cat. ♂, Madagascar), pl. II (fig. 20).

\**Mutilla Zanaka* (!) de SAUSSURE 1890: pl. 19 (sp. nov., fig. 13 ♀, Madagascar) (junior subjective synonym).

*Mutilla zanaca* (!) de SAUSSURE: de SAUSSURE 1891: 257 (descr. ♀, Madagascar).

*Mutilla zanaca* (!) de SAUSSURE: de SAUSSURE 1892: 261 (key), 262 (tax.), 263 (tax.), 279 (tax., descr. ♀, Madagascar; syntypes "Fôret à l'est de la province d'Antsihanaka" [MNHN]).

*Mutilla zanaca* (!) de SAUSSURE: de DALLA TORRE 1897: 99 (cat.).

*Mutilla zanaca* (!) de SAUSSURE: ANDRÉ 1902: 38 (cat.).

*Trogaspidia zanaca* (!) (de SAUSSURE): BISCHOFF 1920: 355 (key), 407 (tax., descr. ♀, Madagascar).

*Trogaspidia zanaca* (!) (de SAUSSURE): BISCHOFF 1921: 819, 825 (pl. II, fig. 134).

*Mutilla zanaka* de SAUSSURE: OLSOUFIEFF 1938: 189 (syn.), 203 (syn.).

**D i s t r i b u t i o n** and new record: Madagascar: Prov. Antsiranana: Haut Sambirano – Prov. Mahajanga: near Katsepy – Prov. Antananarivo: Antananarivo, Mandraka – Prov. Toamasina: AmboDIRAFIA, Andasibe (Perinet), Antsihanaka, Baie d'Antongil, Fanovana, Maroantsetra, Sandrangato.

Cross-referencing by de SAUSSURE (1890, 1891, 1892) makes it clear that both of his spellings (*zanaka/zanaca*) refer to the same taxon; the later spelling is thus an "incorrect subsequent spelling" (Article 32.2 of the Code) and *zanaka* is the spelling to be used if this name were no longer considered to be a junior synonym.

***Trogaspidia sikorae* (de SAUSSURE 1892)**

*Mutilla Sikorae* (!) de SAUSSURE 1892: 262 (key), 263 (tax.), 291 (sp. nov., descr. ♂, Madagascar; syntypes "environs d'Antananarivo" [MHNG]).

*Mutilla sikorae* de SAUSSURE: de DALLA TORRE 1897: 86 (cat.).

*Mutilla Sikorae* (!) de SAUSSURE: ANDRÉ 1902: 37 (cat.).

*Smicromyrme sikorai* (!) (de SAUSSURE): BISCHOFF 1921: 566 (key).

*Smicromyrme sikorae* (de SAUSSURE): BISCHOFF 1921: 616 (tax., descr. ♂, Madagascar).

*Trogaspidia sikorai* (!) (de SAUSSURE): OLSOUFIEFF 1938: 198 (tax., cat.), 203 (cat.), 215 (tax., cat. ♂, Madagascar).

*Mutilla sikorai* (!) de SAUSSURE: OLSOUFIEFF 1938: 202 (syn.), 203 (cat.), 215 (tax., cat. ♂, Madagascar).

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

***Trogaspidia tricolora* OLSOUFIEFF 1938**

*Trogaspidia tricolora* OLSOUFIEFF 1938: 201 (sp. nov., key, descr. ♂, Madagascar; type(s) "Bekily (Seyrig 1936)"), 214 (cat. ♂, Madagascar).

*Trogaspidia tricolora* OLSOUFIEFF: KROMBEIN 1972: 4 (tax. ♂, Madagascar).

*Trogaspidia tricolora* OLSOUFIEFF: VIETTE 1978: 227 (tax. ♂, Madagascar; lectotype "Madagascar Bekily rég. Sud de l'île // Muséum Paris X-36 A. Seyrig" [MNHN]).

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

***Trogaspidia venustulaeformis* (BISCHOFF 1920)**

*Glossotilla argenteopicta* subsp. *venustulaeformis* BISCHOFF 1920: 459 (key), 480 (subsp. nov., descr. ♀, Madagascar; holotype "Madagaskar (Le Moul't)" [MCSN]).

*Trogaspidia (Trogaspidia) venustulaeformis* (BISCHOFF): OLSOUFIEFF 1938: 189 (tax., cat.), 190 (key, tax., descr. ♀, Madagascar), 212 (cat. ♀, Madagascar).

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

***Trogaspidia vitsika* OLSOUFIEFF 1938**

*Trogaspidia (Trogaspidia) vitsika* OLSOUFIEFF 1938: 190 (sp. nov., key, descr. ♀, Madagascar; syntypes "Commune"), 212 (cat. ♀, Madagascar), pl. II (fig. 22).

*Trogaspidia vitsika* OLSOUFIEFF: KROMBEIN 1972: 5 (tax. ♀, Madagascar).

*Trogaspidia vitsika* OLSOUFIEFF: VIETTE 1978: 226 (tax. ♀, Madagascar; lectotype "Madagascar Bekily (Sud) Seyrig III-30 // Madagascar Ampandrandava (S.) A. Seyrig 193" [MNHN]).

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

***Trogaspidia zanacaeformis* BISCHOFF 1920**

*Trogaspidia zanacaeformis* BISCHOFF 1920: 355 (key), 408 (sp. nov., descr. ♀, Madagascar; holotype "Madagaskar (Le Moul't)" [MCSN]).

*Trogaspidia zanacaeformis* BISCHOFF: BISCHOFF 1921: 819, 825 (pl. II, fig. 135).

*Trogaspidia (Trogaspidia) zanacaeformis* BISCHOFF: OLSOUFIEFF 1938: 189 (tax., cat.), 190 (key, tax., descr. ♀, Madagascar), 212 (cat. ♀, Madagascar), pl. II (fig. 24).

**D i s t r i b u t i o n :** Madagascar: Prov. Mahajanga: Mahajanga – Prov. Antananarivo: Antananarivo, Lac Itasy.



## Subfamily *Myrmillinae*

### Genus *Labidomilla* ANDRÉ 1902

Description: ANDRÉ 1902: 26.

Type species: *Mutilla tauriceps* KOHL 1882.

Distribution: Ethiopian Region.

Malagasy species: 2.

KROMBEIN (1972) mistakenly placed the two species below in the genus *Ctenotilla* BISCHOFF 1920, but they are very different from that genus (see NONVEILLER 1979 for a revision of it). They are thus retained in *Labidomilla* pending revision.

### *Labidomilla rufoccephala* OLSOUFIEFF 1938

*Labidomilla tricuspis* var. *rufoccephala* OLSOUFIEFF 1938: 181 (var. nov., descr. ♀, Madagascar; type(s) unspecified), 210 (cat. ♀, Madagascar).

*Labidomilla tricuspis* var. *rufoccephala* OLSOUFIEFF: KROMBEIN 1951: 285 (syn. of *Ctenotilla tricuspis*).

*Ctenotilla rufoccephala* (OLSOUFIEFF): KROMBEIN 1972: 6 (tax.), 8 (tab. 1: distr.), 16 (tax.), 17 (key, tax., descr. ♂ ♀, Madagascar; type material not found).

*Labidomilla tricuspis* var. *rufoccephala* OLSOUFIEFF: VIETTE 1978: 225 (tax., cat.; type material not found).

**Distribution and new record:** Madagascar: Prov. Mahajanga: near Katsepy – Prov. Antananarivo: Ambohimanga, Anjozorobe, Antananarivo, Mandraka – Prov. Toamasina: Ivondro – Prov. Fianarantsoa: Ambositra, Ihosy, Massif de l'Isalo (Km 713) – Prov. Toliara: Ampanihy, Behara, Bekily, Betroka, Fort Dauphin.

Since KROMBEIN (1972) regarded the varietal name to be valid at the species level, it is attributed to OLSOUFIEFF 1938 according to Article 45.6.4.1 of the Code. The type is apparently lost (VIETTE 1978).

### *Labidomilla tricuspis* (ANDRÉ 1895)

*Mutilla tricuspis* ANDRÉ 1895: 681 (sp. nov., descr. ♀, Madagascar; syntypes "Madagascar").

*Myrmilla tricuspis* (ANDRÉ): ANDRÉ 1902: 26 (tax., cat.).

*Labidomilla tricuspis* (ANDRÉ): BISCHOFF 1920: 62 (key), 65 (tax., descr. ♀, Madagascar).

*Labidomilla tricuspis* (ANDRÉ): BISCHOFF 1921: 817, 820, 824 (pl. I, fig. 6), 827 (pl. IV, fig. 23).

*Labidomilla tricuspis* (ANDRÉ): OLSOUFIEFF 1938: 175 (tax.), 181 (tax., descr. ♀, Madagascar), 197 (tax.), 210 (cat. ♀, Madagascar), pl. II (fig. 1).

*Ctenotilla tricuspis* (ANDRÉ): KROMBEIN 1951: 285 (tax., Madagascar).

*Ctenotilla tricuspis* (ANDRÉ): KROMBEIN 1972: 8 (tab. 1: distr.), 16 (tax.), 17 (key), 20 (tax., descr. ♂, Madagascar; syntypes "Madagascar, Sikora" [MNHN]).

**Distribution and new record:** Madagascar: Prov.: Antananarivo: Ambohitantely, Ampefy (Lac Kavitaha), Andramasina, Antananarivo, Antsirabe, Imerina Prov. Toamasina: Analamazoatra – Prov. Toliara: Ambovombe, Beroboka (Analabe), Morondava.

### Genus *Myrmilla* WESMAEL 1851

Description: WESMAEL 1851: 373.

Type species: *Mutilla distincta* LEPELETIER de SAINT-FARDEAU 1845 (= *Mutilla calva* VILLERS 1789).

Malagasy species: 1.

**D i s t r i b u t i o n :** Ethiopian, Oriental and Palaearctic Region.

The genus *Myrmilla* is almost certainly absent from the Malagasy Subregion, but the species below is retained there pending revision.

***Myrmilla reunionis* ZAVATTARI 1909**

*Myrmilla reunionis* ZAVATTARI 1909: 1 (sp. nov., descr. ♀, Réunion; holotype "Isola Riunione").

*Myrmilla reunionis* ZAVATTARI: BISCHOFF 1921: 750 (tax., descr. ♀, Réunion).

*Myrmilla reunionis* ZAVATTARI: VIETTE 1957: 319 (cat., Réunion).

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

This species is probably not from Réunion.

**Unavailable names**

OLSOUFIEFF's (1938) names for varieties must be considered to be infrasubspecific and therefore generally not available (Article 45.6.4 of the Code) as explained above.

***Trogaspidia (Hildebrandtia) hildebrandti* var. *argentea* OLSOUFIEFF 1938**

*Trogaspidia (Hildebrandtia) hildebrandti* var. *argentea* OLSOUFIEFF 1938: 187 (key, descr. ♀, Madagascar; holotype "Anjozorobe... M. Lasère en 1937"), 211 (cat. ♀, Madagascar).

*Trogaspidia hildebrandti* var. *argentea* OLSOUFIEFF: KROMBEIN 1972: 6 (tax.).

*Trogaspidia (Hildebrandtia) var. hildebrandti argentea* OLSOUFIEFF: VIETTE 1978: 226 (cat.; holotype not found).

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

***Trogaspidia lobicornis* var. *rufa* OLSOUFIEFF 1938**

*Trogaspidia lobicornis* f. *rufa* OLSOUFIEFF 1938: 202 (key, descr. ♂, Madagascar; holotype "Périnet (décembre 1932)").

*Trogaspidia lobicornis* var. *rufa* OLSOUFIEFF 1938: 214 (cat. ♂, Madagascar).

*Trogaspidia lobicornis* var. *rufa* OLSOUFIEFF: KROMBEIN 1972: 6 (tax.).

*Trogaspidia lobicornis rufa* OLSOUFIEFF: VIETTE 1978: 227 (tax., cat.; holotype not found).

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

**Species excluded from the list of the Malagasy fauna**

***Mutilla atricula* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (Fig. 37); 1891: 259; 1892: 294) according to BISCHOFF (1920: 429); East African.

***Mutilla biseriata* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 30); 1891: 255; 1892: 267) according to BISCHOFF (1920: 403); East African.

***Mutilla costata* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 28); 1891: 256; 1892: 274) according to BISCHOFF (1920: 191); East African.

***Mutilla dewitziana* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 32); 1891: 256; 1892: 270) according to BISCHOFF (1920: 294); East African.

***Mutilla fracta* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 29); 1891: 255; 1892: 264) according to BISCHOFF (1920: 256); East African.

***Mutilla guttata* SMITH 1879**

Described from Madagascar in error by SMITH (1879: 193) according to BISCHOFF (1921: 673); East African.

***Mutilla hova* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 7 (fig. 3); 1891: 255; 1892: 268) according to NONVEILLER (1994: 24); East African.

***Mutilla malagassa* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 35); 1891: 256; 1892: 272) according to BISCHOFF (1920: 187).

***Mutilla mephitis* SMITH 1855**

Recorded in error from Madagascar by de SAUSSURE (1891: 256; 1892: 275) according to BISCHOFF (1921: 644); Southern African.

***Mutilla penetrata* SMITH 1879**

Described from Madagascar in error by SMITH (1879: 193) according to BISCHOFF (1920: 187); East African.

***Mutilla radamae* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 33); 1891: 256; 1892: 269) according to BISCHOFF (1920: 224); East African.

***Mutilla radovae* de SAUSSURE 1890**

Described from Madagascar in error by de SAUSSURE (1890: pl. 18 (fig. 31); 1891: 255; 1892: 264) according to BISCHOFF (1920: 218); East African.

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### Zusammenfassung

Die Familie Mutillidae ist in der Madagassischen Unterregion mit 13 Gattungen, 73 Arten und zwei Unterarten vertreten. Die generische Zugehörigkeit von mehreren Arten ist weiterhin fraglich. Eine Liste der Arten, die irrtümlich aus der Madagassis gemeldet worden sind, ist beigefügt. Mehrere taxonomischen Änderungen werden vorgeschlagen.

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## Index

Valid names for Malagasy taxa are printed in bold and invalid names (synonyms, misspellings and misidentifications) in normal letters. If an invalid name is mentioned on the same page under different species, the page number is cited e.g. twice. Names of 12 taxa erroneously recorded from Madagascar are not included here (but see above at end of catalogue).

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