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Checklist of Species of the Subfamily Masarinae (Hymenoptera: Vespidae)

JAMES M. CARPENTER¹

ABSTRACT

A checklist of species in the pollen wasp subfamily Masarinae is presented, including synonyms and distributional summaries. The 297 valid species and 15 additional subspecies are arranged in 14 genera, divided into two tribes, Gayellini and Masarini, with the latter divided into the subtribes *Priscomasarina*, *Paragiina*, and *Masarina*. Thirty-two new combinations are made.

INTRODUCTION

The most recent monograph of the Masarinae is by Richards (1962). Since that work there have been numerous changes to the classification of these wasps. The family group arrangement is now different: Richards treated Masarinae in the present sense as a family, with three subfamilies: Euparagiinae, Gayellinae, and Masarinae. Masarinae was divided into tribes, Paragiini and Masarini. Carpenter (1981) reduced Masaridae to a subfamily of Vespidae, removing Euparagiinae, which is the sister-group to all other extant vespids, reducing Richards' Gayellinae and Masarinae to tribes, and sinking Richards' Paragiini and Masarini. Carpenter

(1997) reconstituted these latter groups and recognized them as subtribes within Masarini, to which F. W. Gess (1998) added another subtribe, *Priscomasarina*. The generic classification has also undergone considerable change: Giordani Soika (1974), Snelling (1986), and F. W. Gess (1998) each added a genus to the 18 recognized by Richards, while Carpenter (1989), van der Vecht and Carpenter (1990), and Carpenter (1997) synonymized eight. And of course, there have been numerous species descriptions and synonymies published since Richards (1962).

More recently, S. K. Gess (1996) reviewed the Masarinae and provided a list of described species, along with distributional summaries. That list is useful; however, it

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lacks citations of the original references, limiting its taxonomic value. There have been a number of descriptions and synonymies since that list was published; moreover, preparation of the present checklist has revealed a few errors in both Richards (1962) and S. K. Gess (1996).

The present checklist follows the generic classification in van der Vecht and Carpenter (1990), with one amendment. The generic synonymies in van der Vecht and Carpenter's catalog were based on my ongoing phylogenetic studies in the Vespidae. Only parts of the cladistic study of Masarinae have as yet been published (Carpenter, 1989, 1997; see summary in Carpenter, 1993). Because the rationale for most of the synonymy was not yet published, S. K. Gess (1996) did not follow them in her list. Carpenter (1997) subsequently detailed the basis for generic reclassification in the Paragiina. I will summarize the rationale for the remaining synonymy here.

The monophyly of *Trimeria* + *Microtrimeria* is shown by the forewing cu-a distad of the fork of M and CuA by a distance nearly equal to its length, a single occipital carina, the palpal formula 2:3, loss of the lateral pronotal groove, the short pyriform tegula, the posteriorly lamellate scutellum, the female foretarsi with lobes of unique form, the hooked hairs on the female foretarsi, and the compressed mid- and hindcoxae. Both genera are evidently monophyletic, as is the *Trimeria* subgenus *Willinkia* Richards, but that does not mean that their recognition is warranted. The characters by which all these taxa differ are for the most part variable within other genera, and so their recognition contributes little to the process of efficient diagnosis (Farris, 1979). Accordingly, they are treated as synonyms.

Richards (1962) recognized two subgenera within *Celonites*, but whereas *Eucelonites* is defined by the autapomorphy of an axillary process, the typical subgenus is defined only by its absence. It is evidently paraphyletic, and *Eucelonites* is thus synonymized with *Celonites*.

The monophyly of *Quartinia* + *Quartinioides* + *Quartiniella* is shown by the forewing marginal cell appendiculate with a nebulous vein, the forewing cu-a oblique, the

hindwing preaxillary excision deep, the single long occipital carina, and the palpal formula 1:3. Both *Quartiniella* and *Quartinioides* are primarily based on partitioning a trend in the reduction of wing venation. *Quartiniella* is defined by the loss of forewing 3rs-m and 2m-cu; *Quartinioides* has 2m-cu present but attenuate and interrupted, whereas *Quartinia* has it complete. Other features listed in Richards' (1962: 127) key mostly vary within these taxa or are erroneous (e. g., *Quartinioides* has two hindtibial spurs). The remainder are consistent with the inference that *Quartinia* is paraphyletic in terms of *Quartinioides*, which is in turn paraphyletic in terms of *Quartiniella* (e. g., *Quartinioides* is also separated from *Quartinia* by the preaxillary excision deep, the jugal lobe reduced, and the stipes medially produced, all characters shared with *Quartiniella*). In any case, the formal taxonomic partitioning of essentially continuous variation should be rejected, and *Quartinioides* and *Quartiniella* are accordingly synonymized with *Quartinia*.

Finally, I previously (van der Vecht and Carpenter, 1990) treated *Masarina* as a synonym of *Jugurtia*. Both genera have autapomorphies, but considering the few species of *Masarina* recognized at that time (i. e., four; see Richards, 1962, Gess and Gess, 1988), I did not regard the features by which the genera differ as significant as those which they share. Further, the recognition of a genus *Masarina* might be confusing because that name is also used for a subtribe. F. W. Gess (1997) has since described six more species of *Masarina* and pointed out additional diagnostic features, and I agree that maintaining the genera is now justified. A total of 14 genera (and no subgenera) for the Masarinae is thus recognized here.

The arrangement of the checklist is alphabetical. Each species and subspecies is followed by the original citation and then by synonyms, which are listed chronologically. The status given each taxon generally follows the most recent author to treat that taxon. I do not regard the recognition of subspecies as taxonomically useful, but as such taxa are a mixture of synonyms and valid phylogenetic species, each case should be studied before appropriate corrective action

is taken. Misspellings are indicated by exclamation marks in brackets. To facilitate ready reference, each publication is cited in abbreviated form. Where two dates are listed, the first is the true date of publication, so far as can be determined, with the date following in parentheses being the date printed on the publication. The sex of the type specimens, if stated in the description, is then listed. The original locality is quoted for each description, and the type depository is then listed in parentheses. If the sex of the holotype or lectotype is known, this is listed with the depository, except where a single sex was specified in the original description, in which case this information is not repeated, or where syntypes have not had a lectotype designated (a few exceptions to these rules are corrections to original descriptions). A code word is used to designate most type depositories in the checklist, typically the name of city in which the collection is located; this precedes the name of the museum or institution. Museums or institutions where type specimens are kept are as follows.

Berlin: Museum für Naturkunde der Humboldt-Universität, Berlin, Germany
 BOL: Biologiezentrum des Oberösterreichischen Landesmuseums Linz, Austria
 Bremen: Übersee-Museum, Bremen, Germany
 Budapest: Hungarian Natural History Museum, Budapest, Hungary
 Buenos Aires: Museo Argentino de Ciencias Naturales "Bernardino Rivadavia," Buenos Aires, Argentina
 Cambridge: Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA
 Canberra: Australian National Insect Collection, CSIRO, Canberra, Australia
 Cape Town: South African Museum, Cape Town, South Africa
 Copenhagen: Zoologisk Museum, Kobenhavn's Universitet, Copenhagen, Denmark
 Davis: Bohart Museum of Entomology, University of California, Davis, California, USA
 Geneva: Muséum d'Histoire Naturelle, Geneva, Switzerland
 Genova: Museo Civico di Storia Naturale "Giacomo Doria," Genoa, Italy
 Grahamstown: Albany Museum, Grahamstown, South Africa
 Hamburg: Zoologisches Museum, Universität Hamburg, Hamburg, Germany

Helsinki: Finnish Museum of Natural History, Helsinki, Finland
 IPC: Instituto Pedagógico de Chile [Universidad de Chile, Santiago, Chile]
 Leiden: Nationaal Natuurhistorisch Museum, Leiden, the Netherlands
 Linz: coll Gusenleitner, Pfitznerstrasse 31, A-4020 Linz/Donau, Austria
 London: Natural History Museum, London, England
 Madrid: Museo Nacional de Ciencias Naturales, Madrid, Spain
 Moscow: Zoological Museum, Moscow State University, Moscow, Russia
 New York: American Museum of Natural History, New York, New York, USA
 Oxford: Hope Entomological Collections, Oxford University, Oxford, England
 Paris: Muséum National d'Histoire Naturelle, Paris, France
 Perth: Western Australian Museum, Perth, Australia
 Philadelphia: Academy of Natural Sciences, Philadelphia, Pennsylvania, USA
 Pretoria: Transvaal Museum, Pretoria, South Africa
 St. Petersburg: Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia
 San Francisco: California Academy of Sciences, San Francisco, California, USA
 San Lorenzo: Museo Nacional de Historia Natural del Paraguay, San Lorenzo, Paraguay
 Santiago: Museo Nacional de Historia Natural, Santiago, Chile
 Sofia: National Museum of Natural History, Bulgarian Academy of Sciences, Sofia, Bulgaria
 Tucumán: Fundación y Instituto Miguel Lillo, Tucumán, Argentina
 Turin: Museo di Zoologia Sistemática dell'Università di Torino, Turin, Italy
 Uppsala: Zoological Museum, Uppsala University, Uppsala, Sweden
 Venice: Museo Civico di Storia Naturale, Venice, Italy
 Vienna: Naturhistorisches Museum Wien, Vienna, Austria
 Washington: National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
 Zürich: Eidgenössische Technische Hochschule, Zürich, Switzerland

A few smaller private collections are not included in the above list, being mostly collections whose present whereabouts are doubtful.

Distributional data are summarized by country in the final paragraph for each spe-

cies. An asterisk denotes a new locality record.

SUBFAMILY MASARINAE LATREILLE,
1802

Masarides Latreille, 1802, Hist. Nat. Crust. Insect. 3: 367, family. TYPE GENUS: *Masaris* Fabricius, 1793.

Mazaridinae Schulz, 1911, Zool. Ann. Würzburg 4: 199. Unnecessary emendation of Masarinae Latreille.

Celonitinae Börner, 1919, Biol. Zentralbl. 39(4): 186. TYPE GENUS: *Celonites* Latreille, 1802.

Saryarinae Kuznetzov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127. TYPE GENUS: *Saryara* Kuznetzov, 1923.

TRIBE GAYELLINI BRADLEY, 1922

Gayellinae Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 374, 376, 380 (key), subfamily. TYPE GENUS: *Gayella* Spinola, 1851.

Genus **Gayella** Spinola

Gayella Spinola, 1851, in Gay, Hist. Fis. Polit. Chile, 6: 328, genus. TYPE SPECIES: *Gayella eumenoides* Spinola, 1851, by monotypy.

Gazella [!] Reed, 1894, Proc. Zool. Soc. London 1893: 685.

araucana Willink

Gayella araucana Willink, 1956, Bol. Acad. Nac. Cienc. 39: 341, 342, 346, figs. 3, 4, female, male –“Chile, Prov. Santiago: Renca” (holotype female, IPC).

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso, Santiago, O’Higgins, Maule, Biobío.

eumenoides Spinola

Gayella eumenoides Spinola, 1851, in Gay, Hist. Fis. Polit. Chile. Zool. 6: 333, pl. II, fig. 2, male, female –“provincias del norte y sobretudo en Santa Rosa” (lectotype female, Paris).

Gayella sicheliana von Schulthess, 1910, Deutsch. Entomol. Z.: 189, as a synonym of *eumenoides*, attributed to de Saussure.

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso, Santiago, O’Higgins, Maule.

luispenai Willink and Ajmat de Toledo

Gayella luispenai Willink and Ajmat de Toledo, 1979, Acta Zool. Lilloana 35: 427, 428, 429, figs. 1, 6, 7, male, female –“Riconada, Jujuy, Argentina” (holotype male, Tucumán).

DISTRIBUTION: Argentina: Jujuy; Bolivia: Potosí.

mutilloides de Saussure

Gayella mutilloides de Saussure, 1855, Ét. Fam. Vesp. 3: 114, female –“Le Chili” (London).

Gayella odyneroides; von Schulthess, 1910, Deutsch. Entomol. Z.: 189. *Lapsus calami*.

Gayella mutilloides nigerrima Giordani Soika, 1960 (1958), Boll. Mus. Civ. Stor. Nat. Venezia 11: 80, female –“Cile” (Venice).

DISTRIBUTION: Chile: Valparaíso, Santiago, Biobío, Araucanía; Argentina: Chubut, Neuquén, Rio Negro.

patagonica Willink

Gayella patagonica Willink, 1956, Bol. Acad. Nac. Cienc. 39: 341, 342, 350, figs. 9–11, female, male –“Esquel, Chubut, Argentina” (holotype female, Tucumán).

Gayella cercerooides Giordani Soika, 1960 (1958), Boll. Mus. Civ. Stor. Nat. Venezia 11: 82, female –“N.W. Patagonia, 1000–3000 piedi” (London).

DISTRIBUTION: Chile: Santiago; Argentina: Chubut, Mendoza, Rio Negro.

reedi Willink

Gayella reedi Willink, 1963, Acta Zool. Lilloana 19: 385, 1 fig., female –“Casa Blanca, Valparaíso, Chile” (San Francisco).

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso.

Genus **Paramasaris** Cameron

Paramasaris Cameron, 1901, Trans. Am. Entomol. Soc. 27: 311, genus. TYPE SPECIES: *Paramasaris fuscipennis* Cameron, 1901, by monotypy.

Zethoides Cameron, 1904, Trans. Am. Entomol. Soc. 30: 93, genus, non *Zethoides* Fox, 1899. TYPE SPECIES: *Zethoides flavolineatus* Cameron, 1904, by monotypy.

Plesiozethus Cameron, 1905, Entomologist 38: 269, replacement name for *Zethoides* Cameron.

Metazethoides Schulz, 1906, Spolia Hym.:

213, unnecessary replacement name for *Zethoides* Cameron.

Paragayella Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 87, 89, 99, genus. TYPE SPECIES: *Paragayella richardsi* Giordani Soika, 1974, by original designation and monotypy.

brasiliensis Giordani Soika

Paramasaris brasiliensis Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 105, female, male –“*Brasile*: Nova Teutonia, Santa Catarina” (holotype female, Cambridge).

DISTRIBUTION: Brazil: Santa Catarina; Argentina: Misiones.

cupreus Giordani Soika

Paramasaris cupreus Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 104, 106, female –“*Columbia*: Caqueta, Florencia, 480 m.” (London).

DISTRIBUTION: Colombia: Caqueta, Magdalena, Putumayo; Peru: Loreto.

fuscipennis Cameron

Paramasaris fuscipennis Cameron, 1901: 312, female –“Santa Fé Mountains, New Mexico” (London).

Zethoides flavolineatus Cameron, 1904, Trans. Am. Entomol. Soc. 30: 94, male –“Panama (Pacific side)” (London).

DISTRIBUTION: Colombia; Panama; Guatemala; Mexico: Jalisco, Sinaloa.

richardsi (Giordani Soika)

Paragayella richardsi Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 88, fig. 2, pl. II, 101, female –“*Brasile*: Mato Grosso, Serra Roncados, R. S. Base Camp” (London).

DISTRIBUTION: Brazil: Goiás, Mato Grosso.

TRIBE MASARINI LATREILLE, 1802

SUBTRIBE PRISCOMASARINA GESS, 1998

Priscomasarina Gess, 1998, J. Hym. Res. 7(2): 296, 299, subtribe. TYPE GENUS: *Priscomasaris* Gess, 1998.

Genus **Priscomasaris** Gess

Priscomasaris Gess, 1998, J. Hym. Res. 7(2): 296, genus. TYPE SPECIES: *Priscomasaris namibiensis* Gess, 1998, by original designation and monotypy.

namibiensis Gess

Priscomasaris namibiensis Gess, 1998, J. Hym. Res. 7(2): 296, 300, figs. 2–9, female, male –“Namibia: between Palm and Khorixas (20.17S 14.05 E)” (holotype female, Grahamstown); also from five other localities in Namibia.

DISTRIBUTION: Namibia.

SUBTRIBE PARAGIINA BRADLEY, 1922

Paragiini Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 387 (key), tribe. TYPE GENUS: *Paragia* Shuckard, 1837.

Genus **Metaparagia** Meade-Waldo

Metaparagia Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 748, genus. TYPE SPECIES: *Paragia pictifrons* Smith, 1857, by original designation.

Riekia Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 54, genus. TYPE SPECIES: *Riekia nocatunga* Richards, 1962, by original designation and monotypy.

Rolandia Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 57, genus. TYPE SPECIES: *Paragia maculata* Meade-Waldo, 1910, by original designation and monotypy.

Ammoparagia Snelling, 1986, Contrib. Sci. 378: 1, 2, genus. TYPE SPECIES: *Ammoparagia hua* Snelling, 1986, by original designation and monotypy.

angulata (Richards)

Riekia angulata Richards, 1968, J. Aust. Entomol. Soc. 7: 101, female –“QUEENSLAND . . . Cunnamulla” (Canberra); also from New South Wales.

DISTRIBUTION: Australia: Queensland, New South Wales.

borreriae (Snelling)

Rolandia borreriae Snelling, 1986, Contrib. Sci. 378: 1, 8–9, 11, figs. 11, 17, 24, male, female –“Cooper Creek (12°06'S, 133°04'E), 19 km E by S Mt. Borradaile, Northern Territory” (holotype male, Perth).

DISTRIBUTION: Australia: Northern Territory.

confluens (Snelling)

Paragia confluens Snelling, 1986, Contrib. Sci. 378: 1, 14, fig. 28, female –“Western

Australia . . . 36 km ESE Minnie Creek Homestead, 24°38'S, 115°42'E" (Perth).

DISTRIBUTION: Australia: Western Australia.

doddi Meade-Waldo

Metaparagia doddi Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 748, female – “Cairns, N. Queensland” (London).

DISTRIBUTION: Australia: Queensland.

houstoni (Snelling)

Rolandia houstoni Snelling, 1986, Contrib. Sci. 378: 1, 8, figs. 9, 12, 14, 15, 18, 22, 23, 26, 29, male, female – “Western Australia . . . 10 km ESE Meedo Homestead (25°40'S, 114°37'W)” (holotype male, Perth).

DISTRIBUTION: Australia: Western Australia.

hua (Snelling)

Ammoparagia hua Snelling, 1986, Contrib. Sci. 378: 1, 3, 5, figs. 1–8, male, female – “Western Australia . . . 43 km ENE Lander Homestead (25°08'S, 116°54'E)” (holotype male, Perth).

DISTRIBUTION: Australia: Western Australia.

maculata (Meade-Waldo)

Paragia maculata Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 31, 32, female, male – “Western Australia” (lectotype female, London).

DISTRIBUTION: Australia: Western Australia.

nocatunga (Richards)

Riekia nocatunga Richards, 1962, Revision. Study Masarid Wasps: 54, figs. 55–59, female – “New South Wales: Nocatunga (7 miles N. of)” (Canberra).

DISTRIBUTION: Australia: New South Wales.

pictifrons (Smith)

Paragia pictifrons Smith, 1857, Cat. Hym. Brit. Mus.: 2, female – “Swan River” (London).

DISTRIBUTION: Australia: Western Australia.

Genus **Paragia** Shuckard

Paragia Shuckard, 1837, Trans. Entomol. Soc. London 2: 81, genus. TYPE SPECIES: *Paragia decipiens* Shuckard, 1837, by monotypy.

Alpha Dalla Torre, 1904, Genera Insect. 19: 4, name for division I of genus *Paragia* Shuckard in de Saussure, 1855, Ét. Fam.

Vesp. 3: 54 (3 species). Non *Alpha* de Saussure, 1854.

Beta Dalla Torre, 1904, Genera Insect. 19: 4, name for division II of genus *Paragia* Shuckard in de Saussure, 1855, Ét. Fam. Vesp. 3: 56 (5 species). Non *Beta* de Saussure, 1854.

Cygnaea Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 60, subgenus of *Paragia* Shuckard. TYPE SPECIES: *Paragia vespiformis* Smith, 1865, by original designation and monotypy.

Paragiella Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 67, subgenus of *Paragia* Shuckard. TYPE SPECIES: *Paragia odyneroides* Smith, 1850, by original designation.

australis australis de Saussure

Paragia australis de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xxi, sex not stated – “Nova Hollandia” (Paris).

DISTRIBUTION: Australia: New South Wales.

australis borealis Richards

Paragia australis borealis Richards, 1962, Revision. Study Masarid Wasps: 67, 71, female, male – “Queensland: 17 miles west of Morven” (holotype female, Canberra).

DISTRIBUTION: Australia: Queensland.

bicolor de Saussure

Paragia bicolor de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xxi, sex not stated – “Nova Hollandia” (Paris).

DISTRIBUTION: Australia: New South Wales.

calida Smith

Paragia calida Smith, 1865, Trans. Entomol. Soc. London (3) 2: 392, male – “Adelaide” (London).

DISTRIBUTION: Australia: South Australia, Western Australia.

deceptor Smith

Paragia deceptor Smith, 1862, Trans. Entomol. Soc. London (3) 1: 56, female – “Australia” (London).

Paragia deceptrix; Schulz, 1906, Spolia Hym.: 213. Unnecessary emendation.

DISTRIBUTION: Australia: Queensland, New South Wales.

decipiens aliciae Richards

Paragia decipiens aliciae Richards, 1962, Revision. Study Masarid Wasps: 63, 64,

female, male –“Northern Territories: Alice Springs” (holotype female, London).

DISTRIBUTION: Australia: Northern Territory, Queensland.

decipiens decipiens Shuckard

Paragia decipiens Shuckard, 1837, Trans. Entomol. Soc. London 2: 82, pl. VIII, fig. 3, female –“New South Wales” (London).

DISTRIBUTION: Australia: New South Wales, Victoria, South Australia.

generosa Richards

Paragia generosa Richards, 1962, Revision. Study Masarid Wasps: 67, 69, female –“Queensland: 30 miles S.S.W. of Ayr” (Canberra).

DISTRIBUTION: Australia: Queensland.

hirsuta Meade-Waldo

Paragia hirsuta Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 749, male –“Cairns, N. Queensland” (London).

DISTRIBUTION: Australia: Queensland.

magdalena Turner

Paragia magdalena Turner, 1908: 89, female –“MACKAY, Queensland” (London).

DISTRIBUTION: Australia: Queensland.

mimetica Richards

Paragia mimetica Richards, 1968, J. Aust. Entomol. Soc. 7: 101, 102, male, female –“WESTERN AUSTRALIA . . . 10 m. W. Watheroo” (holotype male, Canberra).

DISTRIBUTION: Australia: Western Australia.

monocesta Snelling

Paragia monocesta Snelling, 1986, Contrib. Sci. 378: 1, 15–16, figs. 27, 30, 31, female, male –“Western Australia . . . 10 km ESE Meedo Homestead, 25°40'S, 114°37'E” (holotype female, Perth).

DISTRIBUTION: Australia: Western Australia.

morosa Smith

Paragia morosa Smith, 1868, Trans. Entomol. Soc. London 1868: 251, female –“Champion Bay” (London).

DISTRIBUTION: Australia: Western Australia.

nasuta Smith

Paragia nasuta Smith, 1868, Trans. Entomol. Soc. London 1868: 252, female, male –“Champion Bay” (lectotype female, London).

DISTRIBUTION: Australia: Queensland, Western Australia.

odyneroides Smith

Paragia odyneroides Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, pl. 5, fig. 2, male –“Hunter River, New Holland” (London).

Paragia bidens de Saussure, 1855, Ét. Fam. Vesp. 3: 59, male –“L'Adélaïde, Nouvelle-Hollande” (London).

Paragia praedator de Saussure, 1855, Ét. Fam. Vesp. 3: 59, female –“Le sud de la Nouvelle-Hollande” (London).

DISTRIBUTION: Australia: Queensland, New South Wales, Victoria, South Australia.

oligomera Snelling

Paragia oligomera Snelling, 1986, Contrib. Sci. 378: 1, 13, female –“Western Australia . . . 10 km NE Wanneroo” (Perth).

DISTRIBUTION: Australia: Western Australia.

perkinsi Meade-Waldo

Paragia perkinsi Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 750, female –“Cairns, N. Queensland” (London).

DISTRIBUTION: Australia: Queensland.

propodealis Richards

Paragia propodealis Richards, 1968, J. Aust. Entomol. Soc. 7: 101, 104, female –“NEW SOUTH WALES . . . Caldwell” (Canberra).

DISTRIBUTION: Australia: New South Wales.

schulthessi Turner

Paragia schulthessi Turner, 1936, Ann. Mag. Nat. Hist. (10) 18: 352, female –“Dedari, 40 miles west of Coolgardie, W. Australia” (London).

DISTRIBUTION: Australia: Western Australia.

smithii de Saussure

Paragia tricolor Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, male, not female.

Paragia smithii de Saussure, 1854, Ét. Fam. Vesp. 3: pl. II fig. 1, female; 1855, Ét. Fam. Vesp. 3: 55 –“L'Australie Occidentale” (type depository unknown).

DISTRIBUTION: Australia: New South Wales, Victoria, South Australia, Western Australia.

sobrina Smith

Paragia sobrina Smith, 1869, Trans. Entomol. Soc. London 1869: 309, female – “Champion Bay” (London).

Paragia excellens Smith, 1869, Trans. Entomol. Soc. London 1869: 309, female, male – “Champion Bay” (lectotype female, London).

DISTRIBUTION: Australia: Western Australia.

tricolor Smith

Paragia tricolor Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, pl. 5, fig. 1, female not male – “Perth, W. Australia” (London).

Paragia saussurii Smith, 1857, Cat. Hym. Brit. Mus.: 2, female – “Perth” (London).

Paragia saussurei[!]; Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 32; Richards, 1962, Revision. Study Masarid Wasps: 66, 294.

DISTRIBUTION: Australia: Western Australia.

venusta Smith

Paragia venusta Smith, 1865, Trans. Entomol. Soc. London (3) 2: 393, female – “Swan River” (London).

Paragia concinna Smith, 1868, Trans. Entomol. Soc. London 1868: 251, female – “Champion Bay” (London).

DISTRIBUTION: Australia: Western Australia.

vespiformis Smith

Paragia vespiformis Smith, 1865, Trans. Entomol. Soc. London (3) 2: 393, female – “Swan River” (London).

DISTRIBUTION: Australia: Western Australia.

walkeri Meade-Waldo

Paragia walkeri Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 31, 33, male – “Adelaide River, Northern Territory” (London).

DISTRIBUTION: Australia: Northern Territory, Queensland.

SUBTRIBE MASARINA LATREILLE, 1802

Genus **Celonites** Latreille

Celonites Latreille, 1802, Hist. Nat. Crust. Insect. 3: 368, genus. TYPE SPECIES: *Masaris apiformis* Fabricius, 1793 (= *Vespa abbreviata* Villers, 1789), by monotypy. *Chelonites*[!] Leach, 1815, “Entomology” in Edinburgh Encyclop. IX(1): 154.

Coelonites[!] Blanchard, 1840, Hist. Nat. Anim. Artic. 3: 387.

Paracelonites Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 108, subgenus of *Celonites* Latreille (6 species). Unavailable; no type species designated.

Eucelonites Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 112, subgenus of *Celonites* Latreille (4 species). Unavailable; no Type species: designated.

Eucelonites Richards, 1962, Revision. Study Masarid Wasps: 214, 215, subgenus of *Celonites* Latreille. Validation by type selection of *Eucelonites* Kostylev, 1935. TYPE SPECIES: *Celonites cyprius* de Saussure, 1854, by original designation.

abbreviatus abbreviatus (Villers)

Vespa abbreviata Villers, 1789, C. Linn. Entomol. 3: 281, sex not stated – “Europa. In Gallia Australiori” (destroyed).

Chrysis dubia Rossi, 1790, Fauna Etrusca 2: 77, pl. VII, figs. x–xi, sex not stated [female] – “Provinciis Florentina et Pisana” (destroyed?).

Cimbex vespiformis Olivier, 1790, Encyc. Méth.: 772, sex not stated – “en France, en Italie . . . aux environs de Paris” (destroyed?).

Masaris apiformis Fabricius, 1793, Entomol. Syst. 2: 284, sex not stated – “in Italia” (Copenhagen).

Celonites abbreviatus var. *Hungaricus* Mocsáry, 1877, Termesz. Füzetek. 1: 90, female – “Hungaria centrali” (Budapest?).

Celonites abbreviatus var. *engadinensis* von Schulthess, 1923, in Michaelsen, Beitr. Kennt. Land-u. Süßwasser. Deutsch-Südwestafri. 2(2), Hym. VI Vesp.: 139, male, female – “Schweiz. Alpengebiet, Ober-Engadin, Sils Baseltgia” (Zürich).

DISTRIBUTION: Germany; Austria; Hungary; Switzerland; France; Spain; Portugal; Italy; Croatia; Albania; Bulgaria; Greece: Corfu; Cyprus; Turkey; Israel; Morocco.

abbreviatus tauricus Kostylev

Celonites abbreviatus tauricus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 108, female (in subgenus *Celonites*) – “Крым”[Crimea] (St. Petersburg?).

DISTRIBUTION: Ukraine.

afer Lepeletier

Celonites afer Lepeletier, 1841, Hist. Nat. Insect. Hym. 2: 585, female –“Oran” (Paris?).

DISTRIBUTION: Morocco; Algeria; Tunisia; Libya.

andrei Brauns

Celonites Andréi Brauns, 1905, Ann. Mus. Natl. Hung. 3: 228, female –“Terra Capensis: Willowmore” (Pretoria).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

bergenwahliae Gess

Celonites bergenwahliae Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 8–9, 12–13, 91, female, male –“Cape Province: Clanwilliam District, Klein Alexandershoek (32°20'20"S, 18°46'E)” (holotype female, Grahamstown); also from 5 km W of Clanwilliam.

DISTRIBUTION: South Africa: Western Cape.

capensis Brauns

Celonites capensis Brauns, 1905, Ann. Mus. Natl. Hung. 3: 231, female –“Willowmore” (Pretoria).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

clarus Gusenleitner

Celonites clarus Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, 66, female –“Iran, Teheran, Steppa presso Chitgar, 18 km W Teheran” (Venice).

DISTRIBUTION: Iran.

clypeatus Brauns

Celonites clypeatus Brauns, 1913, Entomol. Mitt., Berlin 2: 206, female –“Willowmore” (Pretoria).

DISTRIBUTION: Namibia*; South Africa: Northern Cape*, Eastern Cape.

crenulatus Morawitz

Celonites crenulatus Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 267, female –“in territorio transcaspico (Kiltitschinar)” (St. Petersburg?).

DISTRIBUTION: Iran*; Turkmenistan.

cyprius cyprius de Saussure

Celonites cyprius de Saussure, 1854, Mém. Soc. Phys. Hist. Nat. Genève 14: 4, male –“l'Ille de Chypre” (Geneva?).

DISTRIBUTION: Cyprus.

cyprius smyrnensis Richards

Celonites cyprius smyrnensis Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 232, female, male –“Turkey: near Smyrna, Burnova” (holotype female, London); also from Israel (Greece: Rhodes mentioned in key).

DISTRIBUTION: Greece: Thessalia, Peloponnisos, Rhodes; Turkey; Armenia; Iran; Syria; Lebanon; Israel.

davidi Gess

Celonites davidi Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, fig. 14, 92, male –“Cape Province: Namaqualand, Anenous (29°15'30"S, 17°34'45"E)” (Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

discretus Gusenleitner

Celonites discretus Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, figs. 3a, 4b, 62, female –“Iran, Fars, Monti steppiti 5 km N di Persepolis” (Venice).

DISTRIBUTION: Iran.

fischeri Spinola

Celonites fischeri Spinola, 1838, Ann. Soc. Entomol. France 7: 505, female –“Egypte” (type depository unknown).

?*Celonites savignyi* de Saussure, 1855, Ét. Fam. Vesp. 3: 91 –“Description de l'Égypte. Hymen. Pl. IX, fig. 19, ♀ ♂” (type depository unknown).

DISTRIBUTION: Algeria; Tunisia; Libya; Egypt; Cyprus; Israel; Saudi Arabia.

foveolatus foveolatus Kostylev

Celonites foveolatus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 111, 112, male, female (in subgenus *Paracelonites*) –“Закаспийские пустыни” [Zakaspian desert] (Moscow, St. Petersburg?).

DISTRIBUTION: Turkmenistan.

foveolatus nigrior Richards

Celonites foveolatus nigrior Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 234, female –“Israel: Jericho” (Oxford).

DISTRIBUTION: Turkey; Israel.

gariensis Gess

Celonites gariensis Gess, 1997, J. Hym. Res. 6: 36, 41, figs. 1–6, female, male –

“Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown); also from two other localities in Richtersveld.

DISTRIBUTION: South Africa: Northern Cape.

guichardi Richards

Celonites guichardi Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 233, female – “Libya: Fezzan, El Manakh (50 m. N.W. of Edri)” (London).

DISTRIBUTION: Libya.

hamanni Gusenleitner

Celonites hamanni Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, 65, 66, fig. 6, female, male – “Türkei Mut” (holotype female, Linz).

Celonites hammani[!]; Yildirim and Özbek, 1997, Atatürk. Ü. Zir. Fak. Der. 28 (2): 224.

DISTRIBUTION: Turkey; Syria; Jordan.

hellenicus Gusenleitner

Celonites hellenicus Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 109, 110 (key), 112, male, female (in subgenus *Eucelonites*) – “Hellas: Ano Karmes, (Likeo Bgl.)” (holotype male, BOL); also from elsewhere in Greece.

DISTRIBUTION: Greece.

humeralis Richards

Celonites humeralis Richards, 1962, Revision. Study Masarid Wasps: 219, 236, female – “Cape Province: near Calvinia, Bloukrans” (London); also from Nieuwoudtville.

DISTRIBUTION: South Africa: Northern Cape.

hystrix Kostylev

Celonites hystrix Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 138, female, male (in subgenus *Eucelonites*) – “Kondara, Chaîne Ghissar, 30 km vers le N de Stalinabad (autrefois Duchambé), 1 100 m au -d. du niv. de la mer” (coll. Gussakovskii, St. Petersburg).

DISTRIBUTION: Tajikistan.

jousseamei jousseamei du Buysson

Celonites jousseamei du Buysson, 1906, Rev. Entomol., Caen 25: 104, female, male – “Obock, Djibouti, Tadjourah” (Paris).

Celonites Jousseamei[!]; von Schulthess,

1923, in Michaelsen, Beitr. Kennt. Land-u. Süßwasser. Deutsch-Südwestafri. 2(2), Hym. VI Vesp.: 140.

Celonites jousseamei asrensis Giordani Sotkata, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, female – “YEMEN: ‘Asr, about 3 miles west of San’a, 8100 ft.” (London).

DISTRIBUTION: Algeria; Sudan; Djibouti; Israel; Saudi Arabia; Yemen; Oman; United Arab Emirates; Qatar.

jousseamei senegalensis Richards

Celonites jousseamei senegalensis Richards, 1962, Revision. Study Masarid Wasps: 216 (key), 224, female, male – “Senegal: Bambey” (holotype female, Paris).

DISTRIBUTION: Senegal; Mali; Djibouti.

kostylevi Panfilov

Celonites kostylevi Panfilov, 1961, Arch. Mus. Zool. Univ. Moscou 8: 165, female, male (in subgenus *Celonites*) – “Киргизия: западное побережье оз. Иссык-Куль, урочище Ак-Улен” [Kirghizia: east bank of Issyk-Kul’ lake, forest valley Ak-Ulen] (Moscow).

DISTRIBUTION: Kyrgyzstan.

kozlovi Kostylev

Celonites kozlovi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 110 (in subgenus *Paracelonites*) – “Рустыня Гоби (Монголия)” [Gobi Desert, Mongolia] (St. Petersburg?).

DISTRIBUTION: Mongolia.

laetus Panfilov

Celonites laetus Panfilov, 1968, Arch. Zool. Mus. Moscow State Univ. 11: 40, fig. 3, female – “Закавказье: Нахичевань, окрестности Джульфы, пустынные предгорья” [Transcaucasia: Nakhichevan’, vicinity of Dzhulfafa, desert foothills] (Moscow).

DISTRIBUTION: Azerbaijan.

latitarsis Gess

Celonites latitarsis Gess, 1992, J. Hym. Res. 1: 141, figs. 1–5, female, male – “Cape Province: Clanwilliam District, 11 km W of Clanwilliam on road to Graafwater” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Western Cape.

lobeliae Gess

Celonites lobeliae Gess, 1997, J. Hym. Res. 6: 36, 46, figs. 13–14, female, male –

“Cape Province: Betw[een] Nieuwoudtville and top of Vanrhyns Pass” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

longipilis Gusenleitner

Celonites longipilis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 59, figs. 3b, 4a, female –“Iran, Fers [Fars], Monti steppici 5 km N di Persepolis” (Venice).

DISTRIBUTION: Iran.

mayeti Richards

Celonites mayeti Richards, 1962, Revision. Study Masarid Wasps: 222 (key), 243, figs. 202, 208, 211, female, male –“France: Bouches-du-Rhône, Camargue” (holotype male, Paris); also from other localities in France and Spain.

DISTRIBUTION: France; Spain.

michaelseni von Schulthess

Celonites Michaelseni von Schulthess, 1923, in Michaelsen, Beitr. Kennt. Land.-u. Süswasser. Deutsch-Südwestafri. 2(2), Hym. VI Vesp.: 137, male –“Windhuk” (Hamburg?).

DISTRIBUTION: Namibia.

modestus biinterruptus Kostylev

Celonites modestus biinterruptus Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 138, female, male (in subgenus *Paracelonites*) –“Ruidacht, 40 km. de Stalinabad” (coll. Gussakovskii, St. Petersburg).

Celonites modestus bisinterruptus!; Richards, 1962, Revision. Study Masarid Wasps: 247.

DISTRIBUTION: Tajikistan.

modestus modestus Kostylev

Celonites modestus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 110 (in subgenus *Paracelonites*) –“Памир, Хребет Петра Великого” [Pamir, Mountains of Peter the Great] (St. Petersburg?).

DISTRIBUTION: Tajikistan.

montanus Mocsáry

Celonites montanus Mocsáry, 1906, Ann. Hist.-Nat. Mus. Hung. 4: 198, male –“Turkistan: Alai montes” (Budapest).

DISTRIBUTION: Kyrgyzstan; China: Xinjiang.

nursei Dover

Celonites nursei Dover, 1925 (1924), J. Proc. Asiat. Soc. Bengal (n. ser.) 20(6): 289, fig. 1, female –“Quetta” (London).

DISTRIBUTION: Pakistan.

octoannulatus hissaricus Kostylev

Celonites octoannulatus hissaricus Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 137, female, male (in subgenus *Paracelonites*) –“Ruidacht, 40 km vers le N de Stalinabad (autrefois Duchambé). 3000 m. au-dessus du niv. de la m.” (coll. Gussakovskii, St. Petersburg).

DISTRIBUTION: Tajikistan.

octoannulatus octoannulatus (Kuznetsov)

Saryara octoannulata Kuznetsov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127, female, male –“Montes Ac-Tasch, distr. Taschkent, Turkestan. Alt 7500” (St. Petersburg).

DISTRIBUTION: Uzbekistan.

osseus Morawitz

Celonites osseus Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 268, female –“in territorio transcaspico (Tschikischljar)” (St. Petersburg?).

DISTRIBUTION: Armenia; Turkmenistan.

pelioستي Gess

Celonites pelioستي Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 1–5, female, male –“Cape Province: Namaqualand, Springbok, Hester Malan Nature Reserve” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

persicus Richards

Celonites persicus Richards, 1962, Revision. Study Masarid Wasps: 221 (key), 241, female –“South West Persia: K. Sefid” (London).

DISTRIBUTION: Iran.

phlomis Gusenleitner

Celonites phlomis!; Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, fig. 3c. Incorrect original spelling.

Celonites phlomis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 61, 63, fig. figs. 4c, 5, female, male –“Türkei, Urfa” (holotype female, Linz).

DISTRIBUTION: Turkey.

pictus pictus Richards

Celonites pictus Richards, 1962, Revision. Study Masarid Wasps: 217 (key), 226, figs.

176–177, male –“Senegal: Bambey” (Paris).

DISTRIBUTION: Senegal; Morocco; Saudi Arabia; Oman.

pictus rufiventris Gusenleitner

Celonites pictus rufiventris Gusenleitner, 1992, *Linz. Biol. Beitr.* 24(1): 59, 60, female –“Iran, Bandar Abbas (Strand)” (Linz).

DISTRIBUTION: Iran.

promontorii Brauns

Celonites promontorii Brauns, 1905, *Ann. Mus. Natl. Hung.* 3: 232, female –“Willowmore” (Pretoria).

DISTRIBUTION: South Africa: Northern Cape, Eastern Cape, Free State.

purcelli Brauns

Celonites Purcelli Brauns, 1905, *Ann. Mus. Natl. Hung.* 3: 226, female, male –“Terra Capensis: Willowmore” (Pretoria).

Celonites purcelli var. *flavomaculatus* Brauns, 1913, *Entomol. Mitt.*, Berlin 2: 205, male –“Willowmore” (Pretoria).

DISTRIBUTION: South Africa: Eastern Cape.

rothschildi du Buysson

Celonites rothschildi du Buysson, 1906, *Rev. Entomol.*, Caen 25: 105, male –“Afrique orientale anglaise: Lesammise, Rendilé” (Paris).

Celonites Rotschildi[!]; von Schulthess, 1923, in Michaelsen, *Beitr. Kennt. Land- u. Süßwasser. Deutsch-Südwestafr.* 2(2), *Hym. VI Vesp.*: 140.

DISTRIBUTION: Kenya; Iran?

rudesculptus Kostylev

Celonites rudesculptus Kostylev, 1935, *Arch. Mus. Zool. Univ. Moscou* 2: 109 (in subgenus *Paracelonites*) –“Армения” [Armenia] (St. Petersburg?).

DISTRIBUTION: Armenia.

rugiceps Bischoff

Celonites rugiceps Bischoff, 1928, *Abhand. Naturwiss. Verein. Bremen* 27 (1): 86, female –“Kreta” (Berlin); also from mainland Greece; Turkey.

DISTRIBUTION: Croatia; Yugoslavia; Bulgaria; Greece: Argos, Crete; Cyprus; Turkey.

semenovi Kostylev

Celonites semenovi Kostylev, 1935, *Arch. Mus. Zool. Univ. Moscou* 2: 112 (in sub-

genus *Eucelonites*) –“Персия” [Persia] (St. Petersburg?).

DISTRIBUTION: Iran.

spinusos Gusenleitner

Celonites spinusos Gusenleitner, 1966, *Pol-skie Pismo Entomol.* 36: 359, fig. 2, male, female –“Kusadasi” (holotype female, Linz); also from other localities in Turkey.

Celonites abbreviatus invitus Gusenleitner, 1973, *Boll. Mus. Civ. Stor. Nat. Venezia* 24: 58, fig. 2b, female, male –“Türkei, Gürün” (holotype female, Linz); also from elsewhere in Turkey, and Armenia.

DISTRIBUTION: Turkey; Armenia.

tristiculus karataucicus Kostylev

Celonites tristiculus karataucicus Kostylev, 1935, *Arch. Mus. Zool. Univ. Moscou* 2: 111, male (in subgenus *Paracelonites*) – [Kara Tau] (St. Petersburg?).

DISTRIBUTION: Kazakhstan.

tristiculus tristiculus Kostylev

Celonites tristiculus Kostylev, 1935, *Arch. Mus. Zool. Univ. Moscou* 2: 111, female, male (in subgenus *Paracelonites*) – “Фергана. Сыр-Дарья” [Fergana. Syr Darya] (Moscow, St. Petersburg?).

DISTRIBUTION: Uzbekistan.

tumidiscutellatus Gess

Celonites tumidiscutellatus Gess, 1997, *J. Hym. Res.* 6: 36, 44, figs. 7–12, female, male –“Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve” (holotype female, Grahamstown); also from three other localities in Namaqualand, and Eastern Cape.

DISTRIBUTION: South Africa: Northern Cape, Eastern Cape.

turneri Richards

Celonites turneri Richards, 1962, *Revision. Study Masarid Wasps*: 221 (key), 238, figs. 195–197, male –“Cape Province: Aliwal North” (London).

DISTRIBUTION: South Africa: Western Cape,* Eastern Cape.

varipennis Richards

Celonites varipennis Richards, 1962, *Revision. Study Masarid Wasps*: 219 (key), 239, fig. 200, female, male –“Libya: Tibesti, Enneri Meche” (holotype male, London).

DISTRIBUTION: Libya.

wahlenbergiae Gess

Celonites wahlenbergiae Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 6–7, 10–11, 87, female, male –“Cape Province: Clanwilliam District, Clanwilliam Dam” (holotype female, Grahams-town).

DISTRIBUTION: South Africa: Western Cape.

wheeleri Brauns

Celonites Wheeleri Brauns, 1905, Ann. Mus. Natl. Hung. 3: 230, female, male –“Terra Capensis: Willowmore” (Pretoria).

Celonites wheeleri var. *immaculatus* Brauns, 1905, Ann. Mus. Natl. Hung. 3: 230, female –“Terra Capensis: Willowmore” (Pretoria).

DISTRIBUTION: Namibia*; South Africa: Eastern Cape.

yemenensis ethiopicus Richards

Celonites yemenensis ethiopicus Richards, 1962, Revision. Study Masarid Wasps: 217 (key), 228, female –“Ethiopia: Diredawa” (London).

DISTRIBUTION: Ethiopia.

yemenensis yemenensis Giordani Soika

Celonites yemenensis Giordani Soika, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, fig. 1, male, female –“YEMEN: Ta'izz, on road to Mocha, 4100 ft.” (holotype male, London).

Celonites yemenensis yemensis [!]; Richards, 1969, J. Nat. Hist. 3: 82.

DISTRIBUTION: Saudi Arabia; Yemen.

zavattarii Giordani Soika

Celonites zavattarii Giordani Soika, 1944, Atti Inst. Ven. Sci. Lett. Art. 103(2): 149, female –“Etiopia: Asile” (lectotype female, Venice); also from Caschei.

DISTRIBUTION: Ethiopia.

Genus **Ceramiopsis** Zavattari

Ceramiopsis Zavattari, 1910, Ann. Mus. Civ. Stor. Nat. Genova 44: 531, genus. TYPE SPECIES: *Ceramiopsis gestroi* Zavattari, 1910, by monotypy.

gestroi Zavattari

Ceramiopsis gestroi Zavattari, 1910, Ann. Mus. Civ. Stor. Nat. Genova 44: 533, figs.

A, B, female –“Urucú, Corumbà (Matto Grosso)” (Genova).

DISTRIBUTION: Bolivia: Santa Cruz; Brazil: Mato Grosso do Sul; Paraguay: Guairá, Paraguairí, San Pedro; Argentina: Formosa, Santa Fé, Entre Rios.

paraguayensis Bertoni

Ceramiopsis paraguayensis Bertoni, 1921, Rev. Soc. Cient. Paraguay 1: 11, female, male –“Asunción, ‘Quinta Caballero’” (San Lorenzo).

DISTRIBUTION: Bolivia: Santa Cruz; Paraguay: Alto Paraguay, Presidente Hayes, Central, Paraguairí; Argentina: Formosa.

Genus **Ceramius** Latreille

Ceramius Latreille, 1810, Consid. Gén. Crust. Arach. Insect.: 329, 438. TYPE SPECIES: *Ceramius fonscolombei* Latreille, 1810, by original designation.

Gnatho Klug, 1810, Mag. Ges. Naturf. Fr. Berl. 4: 32, 36, genus. Non Illiger, 1807 (Coleoptera). TYPE SPECIES: *Gnatho lichtensteinii* Klug, 1810, by monotypy.

Ceramius [!] Westwood, 1840, Introd. Modern Class. Insect. 2: 237.

Ceramius [!] Westwood, 1840, Introd. Modern Class. Insect. 2: 243.

Paraceramius de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III; 1855, Ét. Fam. Vesp. 3: 67, division of genus *Ceramius* Latreille (4 species). TYPE SPECIES: *Ceramius spiricornis* de Saussure, 1854, by subsequent designation of Ashmead, 1902, Can. Entomol. 34: 220.

Ceramioides de Saussure, 1854, Ét. Fam. Vesp. 3: pl. IV no. 1; 1855, Ét. Fam. Vesp. 3: 71, division of genus *Ceramius* Latreille; 1855: 71, division III of genus *Ceramius*. TYPE SPECIES: *Ceramius cerceriformis* de Saussure, 1854, by monotypy.

Euceramius Dalla Torre, 1904, Genera Insect. 19: 5, name for division I of *Ceramius* Latreille in de Saussure, 1854, Ét. Fam. Vesp. 3: pl. II, 1855, Ét. Fam. Vesp. 3: 62 (3 species). TYPE SPECIES: *Ceramius fonscolombei* Latreille, by subsequent designation of van der Vecht and Carpenter, 1990, Zool. Verh., Leiden 260.

auctus (Fabricius)

Liris aucta Fabricius, 1804, Syst. Piezot.: 229, sex not stated –“in Tangier” (female Copenhagen).

Ceramius spiricornis de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx. *Nomen nudum*.

Ceramius spiricornis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III, fig. 5, male; 1855, Ét. Fam. Vesp. 3: 68 –“L'Europe méridionale, la France, l'Espagne” (Paris).

DISTRIBUTION: Morocco; Algeria.

beaumonti (Giordani Soika)

Paraceramius beaumonti Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37: 168, figs. 1, 3, 5, male, female –“Asni” (holotype male, Venice); also from elsewhere in Morocco.

DISTRIBUTION: Algeria; Morocco.

beyeri Brauns

Ceramius Beyeri Brauns, 1903, Z. Syst. Hym. Dipt. 3(2): 69, female, male –“Willowmore . . . Steytlerville in der Karroo des Caplandes” (Pretoria).

DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

bicolor (Thunberg)

Philanthus bicolor Thunberg, 1815, Nova Acta Reg. Soc. Sci. Uppsala 7: 127, 131, 289, sex not stated (male, Uppsala).

Ceramius Karrooensis Brauns, 1902, Z. Syst. Hym. Dipt. 2(5–6): 282, female, male –“Willowmore im Capland” (Pretoria).

Ceramius karoensis [!]; Brauns, 1910, Z. Wiss. Insektenbiol. 6(11): 387.

DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

bischoffi Richards

Ceramius bischoffi Richards, 1963, Zool. Meded. 38: 216, fig. 2, male, female –“Spain: Tornavacas, prov. Cáceres, 1200 m” (holotype male, Leiden); also from elsewhere in Spain.

DISTRIBUTION: Spain.

braunsi Turner

Ceramius braunsi Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 294, fig. 2, male, female –“Olifant's River, between

Citrusdal and Clanwilliam” (holotype male, Cape Town).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

brevitarsis Gess

Ceramius brevitarsis Gess, 1997, J. Hym. Res. 6: 36, 37, female, male –“Cape Province: Namaqualand, Richtersveld N[ational] Park, bet[ween] hills (28.10S, 17.02E), NW Koeroegabvlakte” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

buresschi Atanassov

Ceramius buresschi Atanassov, 1938, Mitt. K. Naturwiss. Inst. Sofia 11: 114, figs. 1, 2a, 3a, 4a, 5a, 6a, male –“Bulgarien, im Park des Palais Wrana bei Sofia” (Sofia).

Ceramius buresschi lycaonius Blüthgen, 1952, Mitt. Münch. Entomol. Ges. 42: 18, male, female –“Attika” (holotype male, Berlin).

DISTRIBUTION: Bulgaria; Greece; Turkey.

caffer de Saussure

Ceramius caffer de Saussure, 1855, Ét. Fam. Vesp. 3: 76, female –“Cap de Bonne-Espérance” (Torino).

Ceramius consobrinus de Saussure, 1855, Ét. Fam. Vesp. 3: 77, female –“Cap de Bonne-Espérance” (Torino).

DISTRIBUTION: South Africa: Western Cape.

capensis de Saussure

Ceramius capensis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III, figs. 3–3a, female; 1855, Ét. Fam. Vesp. 3: 66 –“Cap de Bonne-Espérance” (Turin?).

DISTRIBUTION: South Africa: Western Cape.

capicola Brauns

Ceramius capicola Brauns, 1902, Z. Syst. Hym. Dipt. 2(5): 278, female, male –“Willowmore” [“Hier”] (Pretoria).

DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape, Free State.

caucasicus André

Ceramius caucasicus André, 1884, Spec. Hym. Europe Algérie II: 820, male –“Caucase” (Paris?).

DISTRIBUTION: Iran; Armenia; Turkey.

cerceriformis de Saussure

Ceramius cerceriformis de Saussure, 1853, Ann. Soc. Entomol. France (3), Bull. II:

- xxi, male –“Cap de Bonne-Espérance” (Torino).
Ceramius vespiformis de Saussure, 1855, Ét. Fam. Vesp. 3: 79, female –“Cap de Bonne-Espérance” (Torino).
Ceramius Schulthessi Brauns, 1902, Z. Syst. Hym. Dipt. 2 (3): 182, female –“Willowmore, Capland” (Pretoria).
 DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.
- clypeatus** Richards
Ceramius clypeatus Richards, 1962, Revision. Study Masarid Wasps: 83, 88 (key), 99, male –“Clan William” (Pretoria).
 DISTRIBUTION: South Africa: Western Cape.
- damarinus** Turner
Ceramius damarinus Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 292 (key), 293, male, female –“Ongandjera, S.W. Africa . . . Kamanyab” (holotype male, Cape Town).
 DISTRIBUTION: Namibia.
- fonscolombeii fonscolombeii** Latreille
Ceramius fonscolombeii Latreille, 1810, Consid. Gén. Crust. Arach. Insect.: 438, sex not stated [male] –“aux environs d’Aix” [p. 329] (Paris).
 DISTRIBUTION: France; Spain; Portugal.
- fonscolombeii oraniensis** Lepeletier
Ceramius Oraniensis Lepeletier, 1841, Hist. Nat. Insect. Hym. 2: 591, female, male –“Oran” (Paris).
Ceramius Doursii André, 1884, Spec. Hym. Europe Algérie II: 818, female, male –“Algérie” (type depository unknown).
 DISTRIBUTION: Morocco; Algeria.
- gessi** Mauss
Ceramius maroccanus gessi Mauss, 1998, Beitr. Hym.-Tag. Stuttgart (2–4.10.1998): 18. *Nomen nudum*.
Ceramius gessi Mauss, 1999, Entomol. Scand. 30: 323, 331 (key), 340, figs. 1c, 2c, 3c, 3f, i, 4c, 4g, 4j, 5d–f, 7b, 8c, 9c, 10–11, female, male –“Morocco, 10 km W Tiznit, 29°43’N 09°50’W” (holotype male, BOL); also from elsewhere in Morocco.
 DISTRIBUTION: Morocco.
- hispanicus** Dusmet
Ceramius hispanicus Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 179, 180, female, male –“Madrid! y Montarco! (en Madrid). –Jaramiel! (en Valladolid)” (Madrid).
 DISTRIBUTION: Spain.
- jacoti** Richards
Ceramius nigripennis de Saussure; Brauns, 1913, Entomol. Mitt., Berlin 2: 201, pl. 2, fig. 3, male. Misidentification.
Ceramius jacoti Richards, 1962, Revision. Study Masarid Wasps: 83, 89 (key), 101, male, female –“Cape Province: Ladismith” (holotype male, London); also from Montagu.
 DISTRIBUTION: South Africa: Western Cape.
- lichtensteinii** (Klug)
Gnatho Lichtensteinii Klug, 1810, Mag. Ges. Naturf. Fr. Berlin 4: 38, pl. 1 figs. 3, e, f, female –“Cap” (Berlin?).
Ceramius macrocephalus de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III figs. 2, 2a, 2c, female; 1855, Ét. Fam. Vesp. 3: 76 –“Cap de Bonne-Espérance” (Paris).
Ceramius rufomaculatus Cameron, 1906, Trans. South African Philos. Soc. 16(4): 325, female –“Pearston, Cape Colony” (London).
 DISTRIBUTION: Namibia?; South Africa: Northern Cape, Western Cape, Eastern Cape, Free State.
- linearis** Klug
Ceramius linearis Klug, 1824, Entomol. Monogr.: 227, male –“Prom. bonae spei, Distr. Vitenhagen” (Berlin).
Ceramius fumipennis Brauns, 1902, Z. Syst. Hym. Dipt. 2(5): 275, female, male –“Karroosteppe und . . . Port Elizabeth nahe der Küste” (Pretoria).
 DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.
- lusitanicus** Klug
Ceramius lusitanicus Klug, 1824, Entomol. Monogr.: 223, 230, sex not stated –“Lusitania” (Berlin).
Ceramius lusitanicus var. *luteo-clypeata* Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 179, 180, male –“Montarco! (en Madrid)” (Madrid).
 DISTRIBUTION: Spain; Portugal; Gibraltar.
- maroccanus** (Giordani Soika)
Paraceramius maroccanus Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37:

170, figs. 6, 8, 11–12, female, male –“Mogador” (holotype male, Venice); also from elsewhere in Morocco.

DISTRIBUTION: MOROCCO.

metanotalis Richards

Ceramius metanotalis Richards, 1962, Revision. Study Masarid Wasps: 83, 86 (key), 106, fig. 114, female –“Cape Province: Calvinia” (London); also from Nieuwoudtville.

DISTRIBUTION: South Africa: Northern Cape, Western Cape.

micheneri Gess

Ceramius micheneri Gess, 1968, Novos Taxa Entomol. 57: 3, figs. 1–6, male, female –“Cape Province: Citrusdal” (holotype male, Cape Town); also from Olifants River between Klawer and Clanwilliam.

DISTRIBUTION: South Africa: Western Cape.

montanus Gusenleitner

Ceramius montanus Gusenleitner, 1990, Linz. Biol. Beitr. 22(2): 565, 567, fig. 2, male, female –“Marokko, Hoher Atlas, Oukaimeden, 2600–2800 m” (Linz); also from elsewhere in Morocco.

DISTRIBUTION: MOROCCO.

nigripennis de Saussure

Ceramius nigripennis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III figs. 4, 4c, female; 1855, Ét. Fam. Vesp. 3: 69 –“Cap de Bonne-Espérance” (Torino).

Ceramius hessei Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 296, fig. 1, male, female –“Kamieskroon, Namaqualand” (holotype male, Cape Town).

DISTRIBUTION: South Africa: Northern Cape, Western Cape.

palaestinensis (Giordani Soika)

Paraceramius palaestinensis Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37: 172, female –“Palestine: Ein Geb” (Venice).

Ceramius palaestinensis[!]; Yildirim and Özbek, 1997, Atatürk. Ü. Zir. Fak. Der. 28 (2): 225; Yildirim and Kojima, 1999, Nat. Hist. Bull. Ibaraki Univ. 3: 20.

DISTRIBUTION: Israel; Syria; Turkey.

peringueyi Brauns

Ceramius Péringueyi Brauns, 1913, Entomol. Mitt., Berlin 2: 194, female –“in der Nähe der Capstadt” (Pretoria).

DISTRIBUTION: South Africa: Western Cape.

rex de Saussure

Ceramius rex de Saussure, 1855, Ét. Fam. Vesp. 3: 75, female –“Cap de Bonne-Espérance” (Turin?).

DISTRIBUTION: South Africa: Western Cape, Northern Cape.

richardsi Gess

Ceramius peringueyi Brauns; Richards, 1962, Revision. Stud. Masarid. Wasps: 100, male. Misidentification.

Ceramius richardsi Gess, 1965, Ann. S. Afr. Mus. 48: 219, 221, male, female –“Cape Province: Clanwilliam” (holotype male, Pretoria); also from Paleisheuwel.

DISTRIBUTION: South Africa: Western Cape.

rubripes Gusenleitner

Ceramius maroccanus rubripes Gusenleitner, 1990, Linz. Biol. Beitr. 22(2): 565, 566, female –“Marokko, Anezal, Col de Tizin Bachoom, 1500 m, 7°3W 30°7N” (coll. H. Tussac); also from elsewhere in Morocco.

DISTRIBUTION: MOROCCO.

socius Turner

Ceramius socius Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 297, male, female –“Worcester, Cape Province” (holotype male, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape.

toriger von Schulthess

Ceramius toriger von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 383, female –“South Africa, Cape Colony . . . St. Rhynspass” (London); also from elsewhere in Northern Cape.

DISTRIBUTION: South Africa: Northern Cape.

tuberculifer de Saussure

Ceramius tuberculifer de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx. *Nomen nudum*.

Ceramius tuberculifer de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III fig. 6, male; 1855, Ét. Fam. Vesp. 3: 69, as a synonym of *lusitanicus* Klug –“L’Espagne, le midi de la France” (Paris).

Ceramius lusitanicus Klug; de Saussure, 1855, Ét. Fam. Vesp. 3: 69, male, female (in part). Misidentification.

DISTRIBUTION: France; Spain.

vechti Richards

Ceramius vechti Richards, 1963, Zool. Meded. 38: 213, fig. 1, male, female –“Spain: Tornavacas, prov. Cáceres, 1200 m” (holotype male, Leiden); also from elsewhere in Spain.

DISTRIBUTION: Spain.

Genus **Jugurtia** de Saussure

Jugurtia de Saussure, July 1854, Ét. Fam. Vesp. 3: 19, 37, 42–44, generic and specific characters of *J. numidica* and *J. oranienensis*; pl. I fig. 4, antenna of *J. oranienensis*; genus. TYPE SPECIES: *Celonites oranienensis* Lepeletier, 1841, by subsequent designation of Ashmead, 1902, Can. Entomol. 34: 220.

Jugurthia [!] André, 1886, Spec. Hym. Europe Algérie II, Cat. Méthod. Syn.: 47.

Jugurthia Dalla Torre, 1894, Cat. Hym. 9: 5; E. Saunders, 1905, Trans. Entomol. Soc. London: 399. Unnecessary emendation of *Jugurtia* de Saussure, 1854.

Jugurtha [!] Ashmead, 1902, Can. Entomol. 34: 220.

Masariella Brauns, 1905, Ann. Mus. Natl. Hung. 3: 223, genus. TYPE SPECIES: *Masariella alfkeni* du Buysson, 1904, by monotypy.

Ceramiellus von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 401, genus. TYPE SPECIES: *Ceramiellus braunsi* von Schulthess, 1922, by monotypy.

Jugurtia [!] Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 68.

alfkeni (du Buysson)

Masaris alfkeni du Buysson, 1904, Bull. Soc. Entomol. France: 144, female –“Damara land, Swakopmund” (Bremen).

DISTRIBUTION: Namibia.

algerica (von Schulthess)

Masariella? *algerica* von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 501, fig. 2, female –“Algeria occidentalis, Ain Sefra, . . . Ain Fezza” (Zürich).

DISTRIBUTION: Morocco; Algeria; Libya.

biskrensis Bequaert

Jugurtia biskrensis Bequaert, 1937, Bull. Ann. Soc. Entomol. Belg. 68: 343, 345 (key), 358, fig. 5A–F, female, male –“Al-

gérie. –Biskra” (holotype female, Cambridge).

DISTRIBUTION: Morocco; Algeria.

braunsi (von Schulthess)

Ceramiellus braunsi von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 402, 2 figs., female, male –“Südwestafrika: Groß- und Klein-Namaland, Grootfontein . . . Steinkopf” (Berlin).

DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

braunsiella (von Schulthess)

Masaris braunsiella von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 326, fig. 1, male –“Cape Province, Matjesfontein” (London).

DISTRIBUTION: Namibia; South Africa: Northern Cape, Western Cape, Eastern Cape.

calcarata Richards

Jugurtia calcarata Richards, 1962, Revision. Study Masarid Wasps: 251 (key), 260, male, female –“S. Africa, Cape Province: Worcester” (holotype male, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape.

codoni Gess

Jugurtia codoni Gess, 1997, J. Hym. Res. 6: 36, 53, female, male –“Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown); also from three other localities in Richtersveld.

DISTRIBUTION: South Africa: Northern Cape.

confusa Richards

Jugurtia confusa Richards, 1962, Revision. Study Masarid Wasps: 249, 251 (key), 258, figs. 213–215, 218, 220–221, female, male –“S. Africa: Cape Province, Willowmore” (holotype male, London).

DISTRIBUTION: South Africa: Eastern Cape.

discrepans (Brauns)

Masaris discrepans Brauns, 1913, Entomol. Mitt., Berlin 2: 203, pl. II fig. 9, female, male –“Worcester im Süden der Kapkolonie . . . und bei Oudtshoorn (Kapland)” (Pretoria).

DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

dispar (Dufour)

Celonites dispar Dufour, 1851, Ann. Soc. Entomol. France (2) 9: 58, 59, pl. 3 figs. 1–8, female, male –“environs de Madrid” (Paris?).

DISTRIBUTION: Spain; Portugal; Gibraltar.

duplicata Richards

Jugurtia duplicata Richards, 1962, Revision. Study Masarid Wasps: 249, 254 (key), 263, male –“Cape Province: Van Rhynsdorp” (Pretoria).

DISTRIBUTION: South Africa: Western Cape.

eburnea (Turner)

Masariella turneri eburnea Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 299, fig. 3, female, male –“Kamieskroon, Namaqualand” (holotype male, Cape Town).

Jugurtia polita Richards, 1962, Revision. Study Masarid Wasps: 251 (key), 256, female, male –“S. Africa, Cape Province: Calvinia” (holotype male, London); also from elsewhere in Cape Province.

DISTRIBUTION: South Africa: Northern Cape.

escalerae Meade-Waldo

Jugurtia escalerae Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 33, female –“S.W. Persia” (London).

DISTRIBUTION: Turkey; Iran.

eurycara Kostylev

Jugurtia eurycara Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 97, figs. 6–7, male, female –“Caucasus, Armen.” (St. Petersburg); also from Erivanj [Yerevan].

DISTRIBUTION: Turkey; Iran; Armenia.

irana Kostylev

Jugurtia irana Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 99, female, male –“Via Karvandar-Bampur, S.-O. Persien . . . Tshanshen-Sadk, Bampur, S.-O. Perasion . . . Kuusha-Larumba, Bampur, S.-O. Persien . . . Kurljut-Langer, Chorasán, O. Persien” (St. Petersburg).

DISTRIBUTION: Iran.

jemenensis Kostylev

Jugurtia jemenensis Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 99, female –“Jemen, Sanaa” (Moscow).

Jugurtia hoggarica Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 20,

male –“Hoggar, Atakor, Guelta Afilale” (Venice).

Jugurtia jemenensis!; Richards, 1962, Revision. Study Masarid Wasps: 265.

DISTRIBUTION: Algeria; Israel; Saudi Arabia; Yemen; Oman; United Arab Emirates.

koeroegabensis Gess

Jugurtia koeroegabensis Gess, 1997, J. Hym. Res. 6: 36, 55, female, male –“Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown); also from one other locality in Richtersveld.

DISTRIBUTION: South Africa: Northern Cape.

nadigorum Bequaert

Jugurtia nadigorum Bequaert, 1937, Bull. Ann. Soc. Entomol. Belg. 68: 343, 344 (key), 347, fig. 2A–F, female, male –“Maroc. –Marrakech” (holotype female, Cambridge); also from one other locality.

DISTRIBUTION: Morocco.

oraniensis (Lepelletier)

Celonites Oraniensis Lepelletier, 1841, Hist. Nat. Insect. Hym. 2: 586, female, male –“Oran” (Paris?).

Jugurtia numidica de Saussure, 1854, Ét. Fam. Vesp. 3: pl. V fig. 3, male; 1855, Ét. Fam. Vesp. 3: 85 –“L'Algérie” (Paris).

Jugurtia numida!; de Saussure, 1855, Ét. Fam. Vesp. 3: 85.

DISTRIBUTION: Morocco; Algeria; Tunisia.

saussurei (Brauns)

Masaris Saussurei Brauns, 1905, Ann. Mus. Natl. Hung. 3: 219, female, male –“Terra Capensis: Willowmore” (Pretoria).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

simpsoni Meade-Waldo

Jugurtia simpsoni Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 448, female –“Pattachari . . . N'jau” (London).

Masariella? testaceopicta von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 502, fig. 3, female –“N. Nigeria, Zungeru” (London).

DISTRIBUTION: Gambia; Senegal; Burkina Faso; Nigeria.

spinolae (de Saussure)

Masaris spinolae de Saussure, 1855, Ét. Fam. Vesp. 3: 95, female –“Cap de Bonne-Espérance” (Torino).

Jugurtia spinolai[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 92.

Jugurtia spiololai[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 100.

DISTRIBUTION: South Africa: Western Cape.

tigrina Gess

Jugurtia tigrina Gess, 1997, J. Hym. Res. 6: 36, 50, figs. 1–6, female, male –“Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve” (holotype female, Grahamstown); also from five other localities in Northern Cape.

DISTRIBUTION: South Africa: Northern Cape.

turneri (von Schulthess)

Masariella? turneri von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 500, fig. 1, female –“Cape Province, Little Carroo, 38 m. E. of Ceres” (London).

DISTRIBUTION: South Africa: Western Cape.

zarudnyi Kostylev

Jugurtia zarudnyi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 93 (key), 94, figs. 4–5, male, female –“Chorasan . . . Kermän, Prov. Mokran” (St. Petersburg).

DISTRIBUTION: Iran.

Genus *Masarina* Richards

Masarina Richards, 1962, Revision. Study Masarid Wasps: vii, 213, 268, genus. TYPE SPECIES: *Masarina familiaris* Richards, 1962, by original designation.

ceres Gess

Masarina ceres Gess, 1997, J. Hym. Res. 6: 36, 60, male, figs. 23–24 –“Cape Province: 17 km N of Ceres, near top of Gydo Pass” (Grahamstown).

DISTRIBUTION: South Africa: Western Cape.

familiaris Richards

Masariella spinolae (de Saussure); Bequaert, 1928, Ann. Mag. Nat. Hist. (10) 2: 187. Misidentification.

Masarina familiaris Richards, 1962, Revision. Study Masarid Wasps: 268, 270, figs. 225–231, male, female –“Cape Province: Camps Bay” (holotype male, London); also from elsewhere in Cape Province.

Masarina communis; Richards, 1962, Revision. Study Masarid Wasps: 269. *Lapsus calami*.

DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

hyalinipennis Richards

Masarina hyalinipennis Richards, 1962, Revision. Study Masarid Wasps: 268, male –“Cape Province: van Rhynsdorp” (Pretoria).

DISTRIBUTION: South Africa: Northern Cape, Western Cape.

mixta Richards

Masarina mixta Richards, 1962, Revision. Study Masarid Wasps: 268 (key), 271, female –“S. Africa, Cape Province: Nieuwoudtville” (London).

DISTRIBUTION: South Africa: Northern Cape, Western Cape.

mixtoides Gess

Masarina mixtoides Gess, 1997, J. Hym. Res. 6: 36, 61, female, male, fig. 32 –“Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown); also from two other localities in Richtersveld.

DISTRIBUTION: South Africa: Northern Cape.

namaqua Gess

Masarina namaqua Gess, 1997, J. Hym. Res. 6: 36, 65, female, male, figs. 25–27, 33 –“Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve” (holotype female, Grahams-town); also from three other localities in Namaqualand.

DISTRIBUTION: South Africa: Northern Cape.

parvula Gess

Masarina parvula Gess, 1997, J. Hym. Res. 6: 36, 65, female, male, figs. 28–30, 34 –“Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve” (holotype female, Grahams-town); also from two other localities in Namaqualand.

DISTRIBUTION: South Africa: Northern Cape.

pelioستي Gess

Masarina pelioستي Gess, 1997, J. Hym. Res. 6: 36, 67, female, male, figs. 35–39 –“Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

strucki Gess

Masarina strucki Gess, 1988, Ann. Cape Prov. Mus. (Nat. Hist.) 16: 351, 352, female – “[Cape Province:] Namaqualand, [Springbok]” (Grahamstown).

DISTRIBUTION: South Africa: Northern Cape; Western Cape.

tylcodoni Gess

Masarina tylcodoni Gess, 1997, J. Hym. Res. 6: 36, 69, female, male, figs. 40–43 – “Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)” (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

Genus **Masaris** Fabricius

Masaris Fabricius, 1793, Entomol. Syst. II: vi, 283, 284, genus (2 species). TYPE SPECIES: *Masaris vespiformis* Fabricius, 1793, by subsequent monotypy; Latreille, 1802, Hist. Nat. Crust. Insect. 3: 368, placed the second species in a new genus, *Celonites*. *Massaris* Billberg, 1820, Enum. Insect.: 109. Unnecessary emendation of *Masaris* Fabricius.

Mazaris Schulz, 1911, Zool. Ann. Würzburg 4: 199. Unnecessary emendation of *Masaris* Fabricius.

Saryara Kuznetsov, 1923, J. Turkestan Branch Russ. Geograph. Soc. 16: 127, genus (2 species). TYPE SPECIES: *Saryara longicornis* Kuznetsov, 1923, by subsequent designation of van der Vecht and Carpenter, 1990, Zool. Verh., Leiden 260.

aegyptiacus aegyptiacus Meade-Waldo

Masaris vespiformis aegyptiacus Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 447, fig. 2, male – “Cairo, Egypt” (London).

DISTRIBUTION: Egypt; Israel; Jordan.

aegyptiacus arabicus Giordani Soika

Masaris vespiformis arabicus Giordani Soika, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, female – “SAUDI ARABIA: Jebel Shammar Province, Hâil district” (London).

DISTRIBUTION: Saudi Arabia.

carli von Schulthess

Masaris saussurei Carl, 1921, Rev. Suisse Zool. 28: 41, male, female – “Zarawchan; . . . Sutkend. Turkestan” (Geneva). Non Brauns, 1905.

Masaris carli von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 404, replacement name for *saussurei* Carl.

Masaris smirnovi Kostylev, 1925, Entomol. Mitt. 14: 150 (key), 152, fig. 2, male – “Perovsk (Turkestan, Syr-Darjja-Gebiet)” (Moscow).

DISTRIBUTION: Iran; Kazakhstan; Uzbekistan.

gussakovskii Kostylev

Masaris gussakovskii Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 87, 89, fig. 2, female – “Turkestan, distr. Chodzhent” (coll. Gussakovskii, St. Petersburg); also from Konstantinovsk.

DISTRIBUTION: Uzbekistan.

longicornis (Kuznetsov)

Saryara longicornis Kuznetsov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127, male – “Montes Ac-Tasch. Alt. 8000'” (St. Petersburg).

DISTRIBUTION: Afghanistan; Uzbekistan; Kyrgyzstan.

tianshanicus Panfilov

Masaris tianshanicus Panfilov, 1968, Arch. Zool. Mus. Moscow State Univ. 11: 38, fig. 2, female – “Тянь-Шань: южное побережье оз. Иссык-Куль, Малый Джаргылчак (около Актерека), сухие холмы со степной растительностью” [Tian Shan: south bank of Issyk-Kul' lake, Smaller Dzhargylchak (near Akterek), dry hills with steppe vegetation] (Moscow).

DISTRIBUTION: Kyrgyzstan.

vespiformis Fabricius

Masaris vespiformis Fabricius, 1793, Entomol. Syst. 2: 283, sex not stated – “in Barbariae floribus” (Copenhagen).

Erynnis romandi de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xix, male – “Barbaria et Aegypta” (Paris).

Ceramius hylaeiformis Dalla Torre, 1894, Cat. Hym. 9: 4, as a synonym of *vespiformis*, attributed to Klug.

DISTRIBUTION: Morocco; Algeria; Egypt.

Genus **Pseudomasaris** Ashmead

Pseudomasaris Ashmead, 1902, Can. Entomol. 34: 221, genus. TYPE SPECIES: *Masaris occidentalis* Cresson, 1871, by original designation.

Toryna Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 407, 411, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris vespoides* Cresson, 1863, by original designation and monotypy.

Holopticus Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 408, 414, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris texanus* Cresson, 1871, by original designation.

Cotyledon Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 408, 430, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris edwardsii* Cresson, 1872, by original designation.

basirufus Rohwer

Pseudomasaris zonalis basirufus Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 452, female –“Death Valley, California” (Washington).

Pseudomasaris bariscipus Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 409 (key), 418, figs. 77, 85, male –“ARIZONA: Quartzite” (Philadelphia).

Pseudomasaris bariscapus [!]; Bequaert, 1940, Bull. Brooklyn Entomol. Soc. 35: 38.

DISTRIBUTION: USA: California, Nevada, Arizona.

cazieri Bohart

Pseudomasaris cazieri Bohart, 1963, in Richards, Univ. Calif. Publ. Entomol. 27: 289 (key), 290, male –“Palos Colorados, Durango, Mexico, 8,000 feet elevation” (New York).

DISTRIBUTION: Mexico: Durango, Chihuahua.

coquilletti Rohwer

Pseudomasaris coquilletti Rohwer, 1911, Proc. U.S. Natl. Mus. 40: 555, female, male –“Los Angeles County, California” (holotype female, Washington).

DISTRIBUTION: USA: Oregon, California, Utah, Arizona.

edwardsii (Cresson)

Masaris edwardsii Cresson, 1872, Trans. Am. Entomol. Soc. 4: 87, female, male –“California” (Philadelphia).

DISTRIBUTION: USA: Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California, Arizona; Mexico: Baja California Norte.

macneilli Bohart

Pseudomasaris macneilli Bohart, 1963, in Richards, Univ. Calif. Publ. Entomol. 27: 285 (key), 291, male, female –“Near Sonora Peak (above Sonora Pass), Tuolumne County, California, 11,000 feet elevation” (holotype male, San Francisco); also from elsewhere in California, and Utah.

DISTRIBUTION: USA: California, Utah.

macswaini Bohart

Pseudomasaris macswaini Bohart, 1963, in Richards, Univ. Calif. Publ. Entomol. 27: 286 (key), 301, male, female –“Andreas Canyon, Riverside County, California” (holotype male, Davis); also from other localities in California.

DISTRIBUTION: USA: California; Mexico*: Baja California Norte.

maculifrons (Fox)

Masaris maculifrons Fox, 1894, Proc. Calif. Acad. Sci. (2) 4: 12, female –“El Paraiso, L. Cal.” (San Francisco).

Pseudomasaris albifrons Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 451, male –“New Mexico . . . Las Cruces” (Washington).

Pseudomasaris zonalis neomexicanus Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 452, female –“Aztec, New Mexico” (Washington).

Pseudomasaris rohweri Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 409 (key), 417, male (in subgenus *Holopticus*) –“ARIZONA: Quartzite” (Philadelphia); also from Phoenix.

DISTRIBUTION: USA: California, Nevada, Utah, Arizona, New Mexico; Mexico: Sonora, Baja California Norte.

marginalis (Cresson)

Masaris marginalis Cresson, 1864, Proc. Entomol. Soc. Philadelphia 3: 677, female –“Rocky Mountains, Colorado Territory” (Philadelphia).

DISTRIBUTION: Canada: British Columbia, Alberta.; USA: Washington, Idaho, Wyoming, Colorado, Nevada, Utah, California, Arizona, New Mexico.

micheneri Bohart

Pseudomasaris micheneri Bohart, 1963, in Richards, Univ. Calif. Publ. Entomol. 27: 284, figs. 1, 14, 21, 286–287 (key), 298, male, female –“Westgard Pass, Inyo County, California, 6,000 feet elevation” (holotype male, Davis); also from elsewhere in California.

DISTRIBUTION: USA: California, Nevada.

occidentalis (Cresson)

Masaris occidentalis Cresson, 1871, Trans. Am. Entomol. Soc. 3: 348, female –“Texas” (Philadelphia).

DISTRIBUTION: USA: Kansas, Texas, New Mexico.

phaceliae Rohwer

Pseudomasaris phaceliae Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 450, male, female –“New Mexico, Albuquerque” (holotype male, Washington); also from Mesilla and Filmore Canyon.

DISTRIBUTION: USA: Texas, New Mexico, Arizona.

texanus (Cresson)

Masaris texanus Cresson, 1871, Trans. Am. Entomol. Soc. 3: 348, male, female –“Texas” (Philadelphia).

DISTRIBUTION: USA: Texas.

vespoides (Cresson)

Masaris vespoides Cresson, 1863, Proc. Entomol. Soc. Philadelphia 2: 69, pl. 4, male, female –“Pike’s Peak” (Philadelphia).

Pseudomasaris vespoides robertsoni Cockerell, 1913, Proc. Entomol. Soc. Wash. 15: 107, female –“Redlands, California” (Washington).

DISTRIBUTION: USA: Nebraska, South Dakota, Montana, Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California, Arizona, New Mexico; Mexico: Baja California Norte.

wheeleri Bequaert

Pseudomasaris wheeleri Bequaert, 1929, Psyche 36: 61, fig. 1, male, female –“CALIFORNIA . . . Palm Springs, Riverside Co.” (holotype male, Cambridge).

DISTRIBUTION: USA: California; Mexico: Baja California Norte.

zonalis (Cresson)

Masaris zonalis Cresson, 1864, Proc. Entomol. Soc. Philadelphia 3: 674, female,

male –“Rocky Mountains, Colorado Territory” (Philadelphia).

Pseudomasaris zonalis albopictus Bohart, 1950, Proc. Biol. Soc. Wash. 63: 78, male, female –“Jenny Lake, Grand Teton National Park, Wyoming” (holotype male, San Francisco); also from five other localities in Idaho, Oregon and Washington.

DISTRIBUTION: Canada: British Columbia; USA: Nebraska, Montana, Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California.

Genus **Quartinia** André

Quartinia “GRIBODO, in litteris” André, 1884, Spec. Hym. Europe Algérie II: 811, 822, genus. TYPE SPECIES: *Quartinia dilecta* André, by monotypy.

Quartinia[!] Cameron, 1904, Z. Syst. Hym. Dipt. 4: 89.

Quartiniella von Schulthess, 1929, Ann. Mag. Nat. Hist. 10(3): 504, 510, genus. TYPE SPECIES: *Quartiniella waterstoni* von Schulthess, 1929, by monotypy.

Quartinioides Richards, 1962, Revision. Study Masarid Wasps: 127, 170, genus. TYPE SPECIES: *Quartinia capensis* Kohl, 1898, by original designation.

affinis Richards

Quartinia affinis Richards, 1962, Revision. Study Masarid Wasps: 131 (key), 143, female –“Algeria: Sidi Farouch” (London).

DISTRIBUTION: Algeria.

albopicta (Richards), NEW COMBINATION

Quartinioides[!] *albopicta* Richards, 1982, Boll. Mus. Civ. Stor. Nat. Venezia 32: 199, female –“S.W. Africa: Gobabeb, 25°36’S, 15°10’E” (Copenhagen).

DISTRIBUTION: Namibia.

alcestis Richards

Quartinia alcestis Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 164, female, male –“Cape Province: Worcester” (holotype female, London).

DISTRIBUTION: South Africa: Western Cape.

andromeda (Richards), NEW COMBINATION

Quartinioides andromeda Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 182, female –“Cape Province:

Prince Albert Road" (London); also from Matjesfontein.

DISTRIBUTION: South Africa: Western Cape.

antennata von Schulthess

Quartinia antennata von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 385 (key), 388, fig., male – "South Africa, Cape Colony, Worcester" (London).

DISTRIBUTION: South Africa: Western Cape.

antigone (Richards), NEW COMBINATION

Quartinioides antigone Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 190, figs. 157–161, female, male – "Cape Province: Matjesfontein" (holotype male, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape.

araxana Giordani Soika

Quartinia araxana Giordani Soika, 1960, Boll. Soc. Entomol. Ital. 90: 133, female, male – "Caucaso: Araxesthal" (lectotype female, Venice).

DISTRIBUTION: Armenia; Turkey; Iran.

arsinoe (Richards), NEW COMBINATION

Quartinioides arsinoe Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 182, female – "S.W. Africa: Aus" (London); also from South Africa.

DISTRIBUTION: Namibia; South Africa: Western Cape.

artemis Richards

Quartinia artemis Richards, 1962, Revision. Study Masarid Wasps: 128 (key), 156, female – "Cape Province: Calvinia" (London).

DISTRIBUTION: South Africa: Northern Cape.

atra von Schulthess

Quartinia atra von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 505, female – "Cape Province, Montagu" (London).

DISTRIBUTION: South Africa: Western Cape.

atrata Gusenleitner

Quartinia atrata Gusenleitner, 1998, Linz. Biol. Beitr. 30(2): 503, 511, female – "Iran, 15 km SE Sarvestan/Fars, 1800 m" (Linz).

DISTRIBUTION: Iran.

basuto (Richards), NEW COMBINATION

Quartinioides basuto Richards, 1962, Revision. Study Masarid Wasps: 173 (key),

184, female, male – "Basutoland: Mamathe" (holotype male, London).

DISTRIBUTION: Lesotho.

breyeri Richards

Quartinia breyeri Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 157, female, male – "Cape Province: N.E. Zoutp. district" [actually Northern Transvaal] (holotype female, Pretoria).

DISTRIBUTION: South Africa: Northern Transvaal.

canariensis Blüthgen

Quartinia canariensis Blüthgen, 1958, Comment. Biol. 18(6): 6, 11, female – "Fuerteventura: Matural" (Helsinki).

DISTRIBUTION: Spain: Canary Islands: Fuerteventura.

candida Gusenleitner

Quartinia candida Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 147, female – "Israel: 45 km N Elat, Sand tunes [dunes] E Qetura, 29°58'/35°06'" (coll. Schmid-Egger).

DISTRIBUTION: Israel.

capensis Kohl

Quartinia capensis Kohl, 1898, Termesz. Füzetek 21: 365, female, pl. XV fig. 14 – "Capland . . . Algoa-Bai" (Vienna).

Quartinia scutellimacula von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 508, male, female – "Cape Province, Mossel Bay" (lectotype female, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

ceres (Richards), NEW COMBINATION

Quartinioides ceres Richards, 1962, Revision. Study Masarid Wasps: 177 (key), 206, female, male – "Cape Province: Little Karroo, 38 m. E. of Ceres" (holotype male, London); also from elsewhere in Cape Province.

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

chlorotica (Morawitz)

Jugurtia chlorotica Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 270, female – "in territorio transcaspico (Tschikischljar)" (St. Petersburg?).

DISTRIBUTION: Turkmenistan.

cincta Benoist

Quartinia cincta Benoist, 1929, Bull. Soc. Sci. Nat. Maroc 9: 93, fig. 2, female, male –“Maroc: Asni, dans la vallée de la Reraya, . . . (altitude, 1.200 m.)” (Paris).

DISTRIBUTION: Morocco.

crecida (Richards), NEW COMBINATION

Quartinioides crecida Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 203, female, male –“Cape Province: Camps Bay, Cape Peninsula” (holotype male, London); also from elsewhere in Cape Province, and Namibia.

DISTRIBUTION: Namibia; South Africa: Northern Cape, Western Cape, Eastern Cape.

cretica Gusenleitner

Quartinia cretica Gusenleitner, 1994, Linz. Biol. Beitr. 26(1): 331, female –“Griechenland: Kreta, Kastro W Ammoudari; 35.18N 24.10E; 1000–1200 m” (Linz); also from elsewhere in Crete.

DISTRIBUTION: Greece: Crete.

cyllene (Richards), NEW COMBINATION

Quartinioides cyllene Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 201, female, male –“Cape Province: 13 miles N.E. of Touws R.” (holotype female, London); also from Worcester.

DISTRIBUTION: South Africa: Western Cape.

cynara (Richards), NEW COMBINATION

Quartinioides cynara Richards, 1962, Revision. Study Masarid Wasps: 173, 174 (key), 189, female –“Cape Province: Willowmore” (Pretoria); also from Prince Albert Road.

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

diana (Richards), NEW COMBINATION

Quartinioides diana Richards, 1962, Revision. Study Masarid Wasps: 171 (key), 178, female –“S.W. Africa: Aus” (London).

DISTRIBUTION: Namibia.

dilecta André

Quartinia Dilecta “GRIBODO (in litteris)” André, 1884, Spec. Hym. Europe Algérie II: 824, pl. XLV figs. 3, 7, female, male –“Tunis” (type depository unknown).

DISTRIBUTION: Morocco; Algeria; Tunisia.

dryope (Richards), NEW COMBINATION

Quartinioides dryope Richards, 1962, Revision. Study Masarid Wasps: 173, 175 (key), 196, male –“Cape Province: Willowmore” (London).

DISTRIBUTION: South Africa: Eastern Cape.

elissa (Richards), NEW COMBINATION

Quartinioides elissa Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 204, female, male –“Cape Province . . . Worcester” (holotype male, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape.

eremobia Richards

Quartinia eremobia Richards, 1962, Revision. Study Masarid Wasps: 135 (key), 137, female, male –“Algeria: 80 Km. nord d’El Goléa” (holotype male, Paris); also from Libya: Tripolitania.

DISTRIBUTION: Algeria; Libya.

eurydice (Richards), NEW COMBINATION

Quartinioides eurydice Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 183, female –“Cape Province: Bloukrans, near Calvinia” (London).

DISTRIBUTION: South Africa: Northern Cape.

flava (Richards), NEW COMBINATION

Quartiniella flava Richards, 1962, Revision. Study Masarid Wasps: 208 (key), 210, female, male –“Cape Province: Nieuwoudtville” (holotype female, London).

DISTRIBUTION: South Africa: Northern Cape.

funebri Kostylev

Quartinia funebri Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 103, female, male –“Imam-Baba (Transkaspien)” (St. Petersburg).

DISTRIBUTION: Turkmenistan.

galataea (Richards), NEW COMBINATION

Quartinioides galataea Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 188, female –“Cape Province: Worcester” (London).

DISTRIBUTION: South Africa: Western Cape.

goleana Richards

Quartinia goleana Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 137, female –“Algeria: 80 Km. nord d’El Goléa” (Paris).

DISTRIBUTION: Algeria.

guichardi Richards

Quartinia guichardi Richards, 1969, J. Nat. Hist. 3: 80, female, male –“Canary Is., Gran Canaria, Maspalomas” (holotype male, London).

DISTRIBUTION: Spain: Canary Islands: Gran Canaria.

haemorrhhoa Gusenleitner

Quartinia haemorrhhoa Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 144, female –“Israel: Dead Sea, En Zeelim, 5 km N Massada, 31°23'/35°20'” (coll. M. Hauser).

DISTRIBUTION: Israel.

halicticeps Giordani Soika

Quartinia halicticeps Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 12, figs. 2–4, female –“Egitto: Gabal Elba (Wadi Agrab)” (Venice, coll. Ministero de Agricoltura).

DISTRIBUTION: Egypt.

hecuba (Richards), NEW COMBINATION

Quartinoides hecuba Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 191, female, male –“Cape Province: Matjesfontein” (holotype male, London); also from Calvinia, and Kwazulu-Natal (“probably this species”).

DISTRIBUTION: South Africa: Northern Cape, Western Cape, Kwazulu-Natal.

helena (Richards), NEW COMBINATION

Quartinoides helena Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 187, female –“Cape Province: Cape Town” (Washington).

DISTRIBUTION: South Africa: Western Cape.

helichrysi (Richards), NEW COMBINATION

Quartinoides helichrysi Richards, 1962, Revision. Study Masarid Wasps: 175 (key), 198, female –“Basutoland: Mamalapi Mts.” (London).

DISTRIBUTION: Lesotho.

hetaira (Richards), NEW COMBINATION

Quartinoides hetaira Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 200, female, male –“Cape Province: Cape Town” (holotype male, Washington).

DISTRIBUTION: South Africa: Western Cape.

hypatia Richards

Quartinia hypatia Richards, 1962, Revision. Study Masarid Wasps: 130, 132 (key), 160, male –“Cape Province: Calvinia” (London).

DISTRIBUTION: South Africa: Northern Cape.

indica Cameron

Quartinia[!] *indica* Cameron, 1904, Z. Hym. Dipt. 4: 89, male –“Deesa, Western India” (London).

Quartinia maculifrons Dover, 1925 (1924), J. Proc. Asiat. Soc. Bengal (n. ser.) 20(6): 290. Unavailable under Art. 11.5 of the International Code of Zoological Nomenclature.

DISTRIBUTION: India: Gujarat (Deesa).

interrupta Turner

Quartinia interrupta Turner, 1939, Ann. Transvaal Mus. 20: 2, female –“Willowmore, Cape Province” (lectotype, Pretoria).

DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

iphigenia (Richards), NEW COMBINATION

Quartinoides iphigenia Richards, 1962, Revision. Study Masarid Wasps: 173, 174, 175 (key), 192, male –“S.W. Africa: Aus” (London).

DISTRIBUTION: Namibia.

jocasta Richards

Quartinia jocasta Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 160, female –“Cape Province: Bloukrans, near Calvinia” (London); also from Calvinia.

DISTRIBUTION: South Africa: Northern Cape.

laeta von Schulthess

Quartinia capensis var. *laeta* von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 386 (key), 389, male, female –“Cape Province, Aus” (holotype male, London).

DISTRIBUTION: Namibia.

latona (Richards), NEW COMBINATION

Quartinoides latona Richards, 1962, Revision. Study Masarid Wasps: 175, 177 (key), 207, female –“Cape Province: Prince Albert Road” (London).

DISTRIBUTION: South Africa: Western Cape.

lesnei Benoist

Quartinia Lesnei Benoist, 1929, Bull. Soc. Sci. Nat. Maroc 9: 92, fig. 1, female –“Algérie: Tadmit” (Paris).

DISTRIBUTION: Algeria.

libanica Richards

Quartinia libanica Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 83, male, female –“N. Lebanon: Becharré, 5000 ft.” (holotype male, Venice); also from elsewhere in Lebanon, and Cyprus.

DISTRIBUTION: Cyprus; Lebanon.

maerens von Schulthess

Quartinia capensis var. *maerens* von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 386 (key), 389, female –“Cape Province, Worcester” (London); also from Matjesfontein.

DISTRIBUTION: South Africa: Western Cape.

major Kohl

Quartinia major Kohl, 1898, Termesz. Füzetek 21: 363, pl. XV figs. 8, 21, female –“Oran . . . Auf Calendula” (Vienna).

?*Quartinia kohli* Dusmet, 1917, Mem. R. Soc. Españ. Hist. Nat. 8., Mem. 9: 383, male –“Imi-n-Tanut” (Madrid).

DISTRIBUTION: Morocco; Algeria.

matabele Turner

Quartinia matabele Turner, 1939, Ann. Transvaal Mus. 20: 3, male, female –“Bulawayo, S. Rhodesia” (Pretoria).

DISTRIBUTION: Zimbabwe.

media von Schulthess

Quartinia media von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 506, female –“Cape Province, Montagu” (London).

DISTRIBUTION: South Africa: Western Cape.

medusa Richards

Quartinia medusa Richards, 1962, Revision. Study Masarid Wasps: 135 (key), 159, figs. 152–153, female, male –“S.W. Africa: Aus” (holotype male, London).

DISTRIBUTION: Namibia.

metallescens von Schulthess

Quartinia metallescens von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 505, female –“Cape Province, Queenstown, 3500 feet” (London).

DISTRIBUTION: South Africa: Eastern Cape; Lesotho.

metope (Richards), NEW COMBINATION

Quartinioides metope Richards, 1962, Revision. Study Masarid Wasps: 175, 178

(key), 207, female –“S.W. Africa: Aus” (London).

DISTRIBUTION: Namibia.

minima von Schulthess

Quartinia minima von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 528, female –“Aus” (London).

DISTRIBUTION: Namibia.

minuscula (Turner), NEW COMBINATION

Quartiniella minuscula Turner, 1939, Ann. Transvaal Mus. 20: 3, female –“Willowmore, Cape Province” (Pretoria).

DISTRIBUTION: South Africa: Eastern Cape.

mochii Giordani Soika

Quartinia Mochii Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 10, fig. 1, male –“Egitto: Abu Rawash” (Venice, coll. Mochi).

DISTRIBUTION: Egypt.

mongolica (Morawitz)

Celonites? mongolicus Morawitz, 1889, Horae Soc. Entomol. Ross. 23: 166, female, male –“Mongolia merid. Dshin-Tasy” (St. Petersburg).

DISTRIBUTION: Mongolia.

multipecta (Richards), NEW COMBINATION

Quartinioides multipecta Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 202, female, male –“Cape Province: Worcester” (holotype male, London); also from elsewhere in Western Cape.

DISTRIBUTION: South Africa: Western Cape.

nilotica Fischer

Quartinia nilotica Fischer, 1964, Ann. Naturhist. Mus. Wien 67: 611, fig. 1., female –“Khor Musa Pascha S. v. Wadi-Halfa” (Vienna).

DISTRIBUTION: Egypt.

niveopicta von Schulthess

Quartinia niveopicta von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327 (key), 329, female –“Cape Province, Matjestfontein” (London).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

nubiana Richards

Quartinia nubiana Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 138, female –“Egypt: Nubian Desert, Ko-

rosko to Abu Hamed" (London); also from elsewhere in Egypt.

DISTRIBUTION: Tunisia; Libya; Egypt; Sudan; Saudi Arabia; United Arab Emirates.

ochraceopicta von Schulthess

Quartinia ochraceopicta von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 527, female – "Aus" (London).

DISTRIBUTION: Namibia.

orientalis Gusenleitner

? "*Quartinia haemorrhoea* (n. sp.) *frontalis* n. ssp." Blüthgen, 1961, Beitr. Naturk. Forsch. S.W.-Deutschl. 19(3): 281, male – "Gondahar." Nomen nudum.

Quartinia orientalis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 56, fig. 1b, male, female – "Türkei Ürgüp" (holotype male, Linz); also from Afghanistan.

DISTRIBUTION: Turkey; Afghanistan.

paradoxa Brauns

Quartinia paradoxa Brauns, 1905, Ann. Mus. Natl. Hung. 3: 233, male – "Terra Capensis: Willowmore" (Pretoria).

DISTRIBUTION: South Africa: Eastern Cape.

parcepunctata Richards

Quartinia parcepunctata Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 167, female, male – "Cape Town" (holotype female, Washington).

DISTRIBUTION: South Africa: Western Cape.

parvula Dusmet

Quartinia parvula Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 183, male, female (Madrid).

DISTRIBUTION: Portugal; Spain.

perone Richards

Quartinia perone Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 166 – "Cape Province: Worcester" (London).

DISTRIBUTION: South Africa: Western Cape.

persephone Richards

Quartinia persephone Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 165, female – "Cape Province: Calvinia" (London).

DISTRIBUTION: South Africa: Northern Cape.

philomela (Richards), NEW COMBINATION

Quartinioides philomela Richards, 1962, Revision. Study Masarid Wasps: 173, 174

(key), 193, female – "Cape Province: Nieuwoudtville" (London).

DISTRIBUTION: South Africa: Northern Cape.

phoebe (Richards), NEW COMBINATION

Quartinioides phoebe Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 181, male – "Cape Province: Cape Town" (Washington).

DISTRIBUTION: South Africa: Western Cape.

pluto Richards

Quartinia pluto Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 166, female – "Cape Province: Worcester" (London).

DISTRIBUTION: South Africa: Western Cape.

poecila von Schulthess

Quartinia poecila von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327, fig. 2, female, male – "Cape Province, Swakopmund" (lectotype male, London).

DISTRIBUTION: Namibia.

popovi Richards

Quartinia popovi Gussakovskii, 1935, Trudy Tadz. Sect. Acad. Sci. U.S.S.R. (Zool. Parasitol.) 5: 466, fig. 23. Nomen nudum.

Quartinia popovi Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 144, female – "District of Kondara" (Moscow).

DISTRIBUTION: Tajikistan.

propinqua von Schulthess

Quartinia propinqua von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 526, figs. 2–4, male, female – "Aus" (lectotype female, London).

DISTRIBUTION: Namibia; South Africa: Western Cape.

proserpina Richards

Quartinia proserpina Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 161, female – "Cape Province: Nieuwoudtville" (London).

DISTRIBUTION: South Africa: Northern Cape.

punctulata von Schulthess

Quartinia punctulata von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327 (key), 329, female – "Cape Province, Matjesfontein" (London).

Quartinia punctulatum[!] Turner, 1939, Ann. Transvaal Mus. 20: 1.

DISTRIBUTION: South Africa: Western Cape.

pusilla Kostylev

Quartinia pusilla [!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101. Incorrect original spelling.

Quartinia pusilla Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 103 (key), 104, female –“Krasnovodsk” (St. Petersburg).

DISTRIBUTION: Turkmenistan.

senecionis (Richards), NEW COMBINATION

Quartinioides senecionis Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 205, female, male –“Orange Free State: Thaba Nchu” (holotype male, London); also from Lesotho.

DISTRIBUTION: Lesotho; South Africa: Free State.

separata Gusenleitner

Quartinia separata Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 146, female, male –“Syria west, 50 km S Homs” (holotype female, BOL); also from elsewhere in Syria; Turkey.

DISTRIBUTION: Syria; Turkey.

shestakovi Kostylev

Quartinia shestakovi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 102 (key), 105, fig. 8, female, male –“Tartugaj (Syr-Darjja-Geb.)” (St. Petersburg); also from elsewhere in Uzbekistan.

Quartinia schestakovi [!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 105. Incorrect original spelling.

DISTRIBUTION: Uzbekistan; Kyrgyzstan.

signata von Schulthess

?*Quartinia variegata* “Brauns” Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 401. Nomen nudum.

“*Quartinia signata*, Brauns, in litt.” von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 507, male, female –“Cape Province, Willowmore” (lectotype male, Zürich).

DISTRIBUTION: South Africa: Eastern Cape.

signatifrons Turner

Quartinia signata var. *signatifrons* Turner, 1939, Ann. Transvaal Mus. 20: 2, male, female (Pretoria).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

soikai Richards

Quartinia soikai Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 84, female –“Turkey: Steppe hills 70 m. S. of Ankara” (Venice).

Quartinia soika [!]; Gusenleitner, 1985, Nachricht. Bayer. Entomol. 34(4): 110.

DISTRIBUTION: Iran; Turkey; Greece.

striata (Richards), NEW COMBINATION

Quartiniella striata Richards, 1962, Revision. Study Masarid Wasps: 208 (key), 211, female –“Cape Province: Calvinia” (London).

DISTRIBUTION: South Africa: Northern Cape.

syriaca nitens Gusenleitner

Quartinia syriaca nitens Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 57, male –“Iran, Fars, Monti steppici 5 km N di Persepolis” (Venice).

DISTRIBUTION: Iran.

syriaca syriaca Richards

Quartinia syriaca Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 86, female, male –“Syria: near Damascus, Ibn Nefis” (holotype female, Venice); also from other localities in Syria, and Lebanon.

DISTRIBUTION: Lebanon; Syria.

tarsata (Richards), NEW COMBINATION

Quartinioides tarsata Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 185, female, male –“Cape Province: Grahamstown” (holotype female, London).

DISTRIBUTION: South Africa: Eastern Cape.

tenerifina Richards

Quartinia tenerifina Richards, 1969, J. Nat. Hist. 3: 80, fig. 2, female, male –“Canary Is., Tenerife, Los Christianos” (holotype male, London).

DISTRIBUTION: Spain: Canary Islands: Tenerife.

thebaica du Buysson

Quartinia thebaica du Buysson, 1902, Bull. Soc. Entomol. France 1902: 141, female –“Égypte: Louqsor” (coll. Pic).

Quartinia thebica [!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 102.

Quartinia ochracea Giordani Soika, 1939,

- Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 14, female –“Egitto: Wadi Digla” (Venice, coll. Mochi).
- Quartinia thabaica*[!]; Gusenleitner, 1977, Linz. Biol. Beitr. 9: 152.
- DISTRIBUTION: Morocco; Algeria; Libya; Egypt.
- titania** (Richards), NEW COMBINATION
- Quartinoides titania* Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 193, female, male –“Cape Province: Cape Town” (holotype male, Washington).
- DISTRIBUTION: South Africa: Western Cape.
- tricolorata** Giordani Soika
- Quartinia thebaica* du Buysson; Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 39: 13. Misidentification.
- Quartinia tricolorata* Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 22, female –“Egitto: Gebel Asfar” (lectotype Venice); also from Fayum.
- DISTRIBUTION: Egypt.
- tripolitana sinaitica** Richards
- Quartinia tripolitana sinaitica* Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 83, male, female –“United Arab Republic, Sinai: Kun Mitla” (Venice).
- DISTRIBUTION: Egypt: Sinai.
- tripolitana tripolitana** Richards
- Quartinia tripolitana* Richards, 1962, Revision. Study Masarid Wasps: 134 (key), 140, male, female –“Tripolitania: Tripoli” (holotype male, London); also from elsewhere in Libya.
- DISTRIBUTION: Libya; Egypt.
- tuareg** Giordani Soika
- Quartinia tuareg* Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 21, male, female –“Guelta Idjef Melène” (lectotype female, Venice); also from elsewhere in Algeria.
- DISTRIBUTION: Algeria; Egypt.
- turneri** (von Schulthess)
- Quartiniella turneri* von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 528, fig. 5, male –“Aus” (London).
- DISTRIBUTION: Namibia.
- uzbeka** Kostylev
- Quartinia uzbeka* Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 103 (key), 106, male –“Aman-Katan, Umgesb. v. Samarkand, 1.500 m. ü. M.” (St. Petersburg).
- DISTRIBUTION: Uzbekistan.
- vagepunctata** von Schulthess
- Quartinia vagepunctata* von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 507, female –“Cape Province, Little Karroo, 38 m. E. of Ceres” (London).
- DISTRIBUTION: South Africa: Northern Cape, Western Cape.
- waterstoni** (von Schulthess)
- Quartiniella waterstoni* von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 510, figs. 4–5, female, male –“Cape Province, Little Karroo, 38 m. E. of Ceres” (holotype female, London).
- DISTRIBUTION: South Africa: Northern Cape, Western Cape, Kwazulu-Natal.
- Genus **Trimeria** de Saussure
- Trimeria* de Saussure, 1854, Ét. Fam. Vesp. 3: pl. IV fig. 2; 1855, Ét. Fam. Vesp. 3: 81, genus. TYPE SPECIES: *Erynnis americana* de Saussure, 1853, by monotypy.
- Erynnis* de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xix, genus (2 species), non *Erynnis* Schrank, 1801 (Lepidoptera). TYPE SPECIES: *Erynnis americana* de Saussure, 1853, by subsequent designation of de Saussure, 1855, Ét. Fam. Vesp. 3: 92.
- Eurynnis*[!] Dalla Torre, 1894, Cat. Hym. 9: 4.
- Microtrimeria* Bequaert, 1928, Psyche 35: 191, genus: 191. TYPE SPECIES: *Microtrimeria cockerelli* Bequaert, 1928, by monotypy.
- Willinkia* Richards, 1962, Revision. Study Masarid Wasps: 119, subgenus of *Trimeria* de Saussure. TYPE SPECIES: “*Trimeria buyssoni* Brèthes, 1904 (as represented in coll. B. M.),” by original designation.
- americana** (de Saussure)
- Masaris vespiformis* Fabricius; Romand, 1851, Ann. Soc. Entomol. France (2) 9, Bull.: lii (female not male). Misidentification.
- Erynnis americana* de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx, female –“d’Amérique” (Paris).

DISTRIBUTION: Brazil: Goiás,* Distrito Federal,* São Paulo,* Paraná.*

atacama (Fritz), NEW COMBINATION

Microtrimeria atacama Fritz, 1968, Rev. Chil. Entomol. 6: 69, female, male –“Estación Cachiyuyo, provincia de Atacama, Chile” (holotype female, Santiago).

DISTRIBUTION: Chile: Atacama.

bequaerti Willink

Trimeria bequaerti Willink, 1951, Rev. Soc. Cient. Argentina 15: 78, figs. 1–6, female –“Amaicha del Valle, provincia de Tucumán (2.000 ms, s.n.m.)” (Tucumán); also from Salta.

DISTRIBUTION: Bolivia; Paraguay: Boquerón; Argentina: Salta, Tucumán.

cockerelli (Bequaert), NEW COMBINATION

Microtrimeria cockerelli Bequaert, 1928, Psyche 35: 191, 192, female –“PERU: Payta” (Cambridge).

DISTRIBUTION: Peru: Piura.

howardi Bertoni

Trimeria howardi Bertoni, 1911, An. Mus. Nac. Buenos Aires (3) 22: 104, female, male –“Puerto Bertoni” (San Lorenzo).

DISTRIBUTION: Brazil*: Minas Gerais, São Paulo, Rio Grande do Sul; Paraguay: Alto Paraná; Argentina: Tucumán, Santa Fé, Misiones.

joergenseni Schrottky

Trimeria joergenseni Schrottky, 1909, Rev. Mus. La Plata 16: 137, female –“Argentina (Mendoza)” (destroyed).

DISTRIBUTION: Argentina: Mendoza, San Luis,* Santa Fé,* Rio Negro.

monrosi Willink

Trimeria monrosi Willink, 1959, Neotropica 5: 2, female –“Tucumán, Las Cejas” (Tucumán).

DISTRIBUTION: Bolivia: Santa Cruz; Argentina: Tucumán, Santiago del Estero,* Santa Fé.

neotropica (Mocsáry)

Jugurtia neotropica Mocsáry, 1906, Ann. Hist.-Nat. Mus. Hung. 4: 197, male –“Paraguay: Asuncion” (Budapest).

DISTRIBUTION: Brazil*: Paraná; Paraguay: Central; Argentina*: Misiones.

rhachiphora (Schletterer)

Odynerus rhachiphorus Schletterer, 1891, Entomol. Nachr. 17: 85, male –“Chile” (Vienna).

Trimeria buyssoni Brèthes, 1903, An. Mus. Nac. Buenos Aires (3) 9(2): 371, figs. 1–2, 372, fig. 3, female –“Argentina: Catamarca” (Buenos Aires); also described from Córdoba? and Paraguay.

Trimeria rachiphorus[!]; Willink and Roig Alsina, 1993, J. Hym. Res. 2: 303.

DISTRIBUTION: Paraguay: Boquerón, Itapuá; Uruguay*: Montevideo; Argentina: Jujuy, Salta, Tucumán, Catamarca, Santiago del Estero, Formosa, Santa Fé, Neuquén.

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REFERENCES

- Carpenter, J. M.
1981 (1982). The phylogenetic relationships and natural classification of the Vespoidea (Hymenoptera). Syst. Entomol. 7: 11–38.
1989 (1988). The phylogenetic system of the Gayellini (Hymenoptera: Vespidae; Masarinae). Psyche 95: 211–241.
1993. Biogeographic patterns in the Vespidae (Hymenoptera): two views of Africa and South America. In P. Goldblatt (ed.), Biological Relationships between Africa and South America: 139–155. New Haven, CT: Yale Univ. Press.
1997 (1996). Generic classification of the Australian pollen wasps (Hymenoptera: Vespidae; Masarinae). J. Kansas Entomol. Soc. 69(4) suppl.: 384–400.
- Farris, J. S.
1979. The information content of the phylogenetic system. Syst. Zool. 28: 483–519.
- Gess, F. W.
1997. Contributions to knowledge of *Ceramius* Latreille, *Celonites* Latreille *Jugurtia* Saussure and *Masarina* Richards (Hymenoptera: Vespidae: Masarinae) in South Africa. J. Hym. Res. 6: 36–74.
1998. *Priscomasaris namibiensis* Gess, a new genus and species of Masarinae (Hymenoptera: Vespidae) from Namibia,

- southern Africa, with a discussion of its position within the subfamily. *J. Hym. Res.* 7: 296–304.
- Gess, F. W., and S. K. Gess
1988. A contribution to the knowledge of the taxonomy and ethology of the genus *Masarina* Richards (Hymenoptera: Masaridae). *Ann. Cape Prov. Mus. (Nat. Hist.)* 16: 351–362.
- Gess, S. K.
1996. The pollen wasps: ecology and natural history of the Masarinae. Cambridge, MA: Harvard Univ. Press.
- Giordani Soika, A.
1974. Revisione della sottofamiglia Gayellinae (Hym. vesp.). *Boll. Mus. Civ. Stor. Nat. Venezia* 25: 87–106.
- Richards, O. W.
1962. A revisional study of the masarid wasps (Hymenoptera, Vespoidea). London: British Museum (Natural History).
- Snelling, R. R.
1986. The taxonomy and nomenclature of some Australian paragiine wasps (Hymenoptera, Masaridae). *Contrib. Sci.* 378: 1–19.
- Vecht, J. van der, and J. M. Carpenter
1990. A catalog of the genera of the Vespidae (Hymenoptera). *Zool. Verh. (Leiden)* 260: 1–62.

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Genera, species, and subspecies are indexed, including emendations, misspellings, and *lapsi calami*, etc. The generic name given in parentheses following a species-group entry is the name used in the original combination. The name of the genus that now includes the species-group taxon is then listed below. If the species-group taxon is now considered a synonym, the valid name is listed following the current genus name. Similarly, for emendations, misspellings, and *lapsi*, the correct spelling follows. If the species-group taxon is considered a subspecies, this is indicated by the abbreviation “ssp.” following the name of the nominate species.

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