

Linzer biol. Beitr.	42/1	95-315	31.7.2010
---------------------	------	--------	-----------

A Catalogue of the Eumeninae (Hymenoptera: Vespidae) of the Ethiopian Region excluding Malagasy Subregion. Part II: Genera *Delta* de SAUSSURE 1885 to *Zethus* FABRICIUS 1804 and Species Incertae Sedis

J.M. CARPENTER, J. GUSENLEITNER & M. MADL

Abstract: The genera in alphabetical order from *Delta* de SAUSSURE 1885 to *Zethus* FABRICIUS 1804 and species incertae sedis are catalogued. Several taxonomic changes are proposed.

Key words: Vespidae, Eumeninae, Ethiopian Region, catalogue, taxonomy.

Introduction

This is the second part of a catalogue of the Eumeninae of the Ethiopian Region excluding Malagasy Subregion. The first part was published by CARPENTER et al. (2009) consisting of the genera in alphabetical order from *Aethiopicodynerus* GUSENLEITNER 1997 to *Cyrtolabulus* van der VECHT 1969, as well as a key to the genera. That paper should also be consulted for explanation of conventions we have followed. This second part deals with all the remaining genera and the species incertae sedis and thus brings the alphabetical catalogue to an end. As CARPENTER & MADL (2009: Linzer biologische Beiträge **41** (2): 1871-1935) recently published a catalogue of the Vespidae of the Malagasy Subregion, the Eumeninae of the whole Ethiopian Region have now been treated.

The third part will include additions, corrections, an index and a systematic review.

Abbreviations

- app..... appendix
- biol biology
- cat..... catalogue
- distr distribution
- ed. (eds)..... editor (editors)
- fig. (figs) figure (figures)
- pl. (pls)..... plate (plates)

sen. syn..... senior synonym
 syn..... synonym
 taxtaxonomy
 typ. gen..... typus generis
 typ. subgen..... typus subgeneris

Annotated catalogue

Genus *Delta* de SAUSSURE 1855

Description: de SAUSSURE 1855: 143.

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

Distribution: All zoogeographical regions.

Valid species: 19.

Known subspecies: 12.

Delta asina asina (de SAUSSURE 1852)

Eumenes asina n.sp.: de SAUSSURE 1852: 59 (descr. ♀, Senegal).

Eumenes asina n.sp.: de SAUSSURE 1853: pl. 11 (fig. 1).

Eumenes asina de SAUSSURE: SMITH 1857: 27 (cat.).

Eumenes asina de SAUSSURE: de DALLA TORRE 1894: 19 (cat.).

Eumenes lepeletierii var. *asina* de SAUSSURE: GRIBODO 1895: 91 (Angola, Senegal).

Eumenes asina de SAUSSURE: von DALLA TORRE 1904: 59 (cat.).

Eumenes lepeletierii asina de SAUSSURE: von SCHULTHESS RECHBERG 1910b: 24 (tax., Senegal).

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

Eumenes lepeletierii asinus de SAUSSURE: von SCHULTHESS 1922b: 96 Sudan.

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

Eumenes campaniformis var. *asinus* de SAUSSURE: GIORDANI SOIKA 1934a: 228 (cat.).

Eumenes campaniformis var. *asinus* de SAUSSURE: GIORDANI SOIKA 1939c: 96 (tax., descr. ♂, Eritrea, Sudan).

Delta campaniformis var. *asinus* de SAUSSURE: GIORDANI SOIKA 1961a: 243 (tax.).

Eumenes campaniformis asinus de SAUSSURE: GIORDANI SOIKA 1973b: 20 (tax., Eritrea).

Delta asina asina (de SAUSSURE): GIORDANI SOIKA 1989b: 57 (Nigeria).

D i s t r i b u t i o n : Angola, Senegal, Eritrea, Nigeria, Sudan.

Delta asina mixtum (GIORDANI SOIKA 1944)

Eumenes (Delta) mixtus n.sp.: GIORDANI SOIKA 1944: 166 (descr. ♂, Eritrea, Ethiopia, Somalia).

Eumenes (Delta) asinus ssp. *mixtus* GIORDANI SOIKA: GIORDANI SOIKA 1952a: 22 (tax.).

Eumenes (Delta) asinus ssp. *mixtus* GIORDANI SOIKA: GIORDANI SOIKA 1952b: 77 (tax., Ethiopia).

Eumenes (Delta) mixtus GIORDANI SOIKA: GIORDANI SOIKA 1954: 28 (tax., Chad).

Delta asina ssp. *mixtum* (GIORDANI SOIKA): GIORDANI SOIKA 1970: 175 (tax.).

Eumenes mixtus GIORDANI SOIKA: GIORDANI SOIKA 1973b: 37 (tax., Somalia).

Delta asinus mixtum (GIORDANI SOIKA): GIORDANI SOIKA 1974b: 121 (Chad).

Delta asina mixtum (GIORDANI SOIKA): GIORDANI SOIKA 1979: 245 (Niger).

Delta asina mixtum (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (cat.).

D i s t r i b u t i o n : Chad, Eritrea, Ethiopia, Niger, Somalia.

Known from the Palearctic Region.

***Delta bonellii* GIORDANI SOIKA 1973**

- Delta bonellii* GIORDANI SOIKA in litteris: BONELLI 1973a: 219 (biol., Ethiopia), 221 (figs 1.1-4).
Delta bonellii n.sp.: GIORDANI SOIKA 1973a: 72 (descr. ♂ ♀, Burundi, Cameroon, "Congo", Eritrea, Ethiopia, Gabon, Ivory Coast, Kenya, Rwanda, Sierra Leone, South Africa, Tanzania, Zimbabwe), 73 fig. 2).
Delta bonellii GIORDANI SOIKA: BONELLI 1975: 46 (fig. 6, biol., Ethiopia).
Delta bonellii GIORDANI SOIKA: GIORDANI SOIKA 1977: 127 (Cameroon).
Delta bonellii GIORDANI SOIKA: DAY 1979: 58 (syn. of *Delta emarginatum*).
Delta bonellii GIORDANI SOIKA: GIORDANI SOIKA 1982a: 211 (tax.).
Delta bonellii GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

D i s t r i b u t i o n : Burundi, Cameroon, "Congo", Eritrea, Ethiopia, Gabon, Ivory Coast, Kenya, Rwanda, Sierra Leone, South Africa, Tanzania, Zimbabwe.

***Delta caffrum* (LINNÉ 1767)**

- Vespa caffra* n.sp.: LINNÉ 1767: 951 (descr., South Africa).
Vespa caffra LINNÉ: MÜLLER 1775: 885 (tax., descr., South Africa).
Vespa caffra LINNÉ: GMELIN 1777: 705 (tax., descr., South Africa).
Vespa caffra LINNÉ: GMELIN 1790: 2758 (tax., descr., South Africa).
Vespa caffra LINNÉ: OLIVIER 1792: 662 (key), 670 (tax., descr., South Africa).
Vespa crabro caffra LINNÉ: CHRIST 1791: 214 (tax., descr., South Africa).
Eumenes caffra (LINNÉ): de SAUSSURE 1852: 45 (descr. ♀, South Africa).
Eumenes caffer (LINNÉ): de SAUSSURE 1855: 131 (tax.).
Eumenes caffra (LINNÉ): SMITH 1857: 26 (cat.).
Eumenes caffra (LINNÉ): WALKER 1871: 29 (Djibouti, Eritrea, Sudan).
Eumenes caffra (LINNÉ): de DALLA TORRE 1894: 19 (cat.).
Eumenes caffra (LINNÉ): GRIBODO 1895: 91 (South Africa).
Eumenes caffra (LINNÉ): BINGHAM 1902: 219 (South Africa).
Eumenes caffra (LINNÉ): von DALLA TORRE 1904: 21 (cat.).
Eumenes caffra (LINNÉ): du BUYSSON 1908a: 134 (Niger).
Eumenes caffra (LINNÉ): du BUYSSON 1908c: 707 (Chad).
Eumenes caffer de SAUSSURE (sic): von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes caffra (LINNÉ): du BUYSSON 1910: 228 (Mauritania).
Eumenes caffer (LINNÉ): ZAVATTARI 1911: 3 (South Africa).
Eumenes caffer caffer (LINNÉ): BEQUAERT 1918: 275 (tax., cat.).
Eumenes caffer de SAUSSURE (sic): von SCHULTHESS 1922a: 401 (Namibia).
Eumenes caffra (LINNÉ): du BUYSSON 1922: 971 (Kenya).
Eumenes (Delta) caffer (LINNÉ): BEQUAERT 1926: 487 (cat.), 492 (key), 535 (descr. ♂ ♀, South Africa), 536 (figs 10a-f).
Eumenes caffer (LINNÉ): SKAIFE 1953: 327 (biol., South Africa), 328 (fig. 166).
Delta caffer (LINNÉ): GIORDANI SOIKA 1961a: 244 (tax).
Delta caffer (LINNÉ): GIORDANI SOIKA 1961b: 440 (South Africa).
Delta caffrum (LINNÉ): DAY 1979: 54 (tax.), 79 (cat.).
Delta caffer (LINNÉ): LEDGER & BANNISTER 1979: 217 (biol., figs 317-319, South Africa), colour photo 122.
Delta caffer (LINNÉ): GESS & GESS 1991: 79 (biol., South Africa), 81 (biol., South Africa).
Delta caffer (LINNÉ): GESS & GESS 1994: 100 (table 1: biol., South Africa), 104 (table 3: biol., South Africa).
Delta caffer (LINNÉ): GESS & GESS 2003: 79 (biol., Namibia, South Africa), 283 (biol., South Africa), 286 (biol., South Africa), 291 (biol., South Africa), 296 (biol., South Africa), 306 (biol., Namibia), 335 (biol., South Africa), 338 (biol., Namibia, South Africa), 344 (biol., South Africa), 347 (biol., South Africa), 373 (biol., South Africa), 405 (biol., South Africa), 410 (biol., South Africa), 442 (biol., South Africa), 446 (biol., South Africa), 453 (biol., South Africa), 511 (biol., South Africa).

Delta caffra (LINNÉ): GESS & GESS 2006: 22 (biol., South Africa).

**Sphex cruciata* n.sp.: CHRIST 1791: 317 (descr. ♀), pl. 32 (fig. 2).

Vespa cratiata (sic) (CHRIST): LICHTENSTEIN 1796: 203 (South Africa). **not seen**

Vespa crucigera (sic) (CHRIST): WEBER 1801: 101 (tax., South Africa).

Sphex cruciata CHRIST: de SAUSSURE 1852: 45 (syn.).

Distribution: Chad, Djibouti, Eritrea, Kenya, Mauritania, Namibia, Niger, South Africa, Sudan.

***Delta campaniforme pseudodyscherus* (BEQUAERT 1925)**

Eumenes campaniformis pseudodyscherus new name: BEQUAERT 1925: 138 (tax., Democratic Republic of Congo).

Eumenes (Delta) campaniformis pseudodyscherus nov.var.: BEQUAERT 1926: 540 (key), 552 (descr. ♂ ♀, Democratic Republic of Congo).

Eumenes campaniformis var. *pseudodyscherus* BEQUAERT: GIORDANI SOIKA 1934a: 228 (cat.).

Delta campaniformis var. *pseudodyscherus* (BEQUAERT): GIORDANI SOIKA 1961a: 243 (cat.).

**Eumenes caffer* var. *dyscherus* de SAUSSURE: BEQUAERT 1918: 71 (key), 74 (tax., descr. ♂, Democratic Republic of Congo).

Distribution: Democratic Republic of Congo.

***Delta campaniforme pseudopulcherrimum* GIORDANI SOIKA 1968**

Delta campaniformis pseudopulcherrimum n.sp.: GIORDANI SOIKA 1968: 528 (descr. ♀, Sudan).

Delta campaniforme pseudopulcherrimum GIORDANI SOIKA: BORSATO & RATTI 1999: 71 (cat.).

Distribution: Sudan.

***Delta campaniforme rhodesiense* BEQUAERT 1926**

Eumenes (Delta) campaniformis rhodesiensis nov.var.: BEQUAERT 1926: 541 (key), 548 (descr. ♀, Zimbabwe).

Eumenes campaniformis var. *rhodesiensis* BEQUAERT: GIORDANI SOIKA 1934a: 228 (cat.).

Delta campaniformis var. *rhodesiensis* (BEQUAERT): GIORDANI SOIKA 1961a: 243 (tax.).

Distribution: Zimbabwe.

***Delta campaniforme tessmanni* (von SCHULTHESS RECHBERG 1910)**

Eumenes lepeletierii tessmanni nov.var.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 18 (descr. ♂ ♀, Equatorial Guinea).

Eumenes lepeletierii var. *tessmanni* von SCHULTHESS RECHBERG: von SCHULTHESS RECHBERG 1913a: 342 (tax., Equatorial Guinea).

Eumenes lepeletierii var. *tessmanni* von SCHULTHESS RECHBERG: BEQUAERT 1918: 77 (key), 278 (cat.).

Eumenes (Delta) lepeletierii var. *tessmanni* von SCHULTHESS RECHBERG: BEQUAERT 1926: 555 (key), 557 (tax., Cameroon).

Eumenes lepeletierii var. *tessmanni* von SCHULTHESS RECHBERG: de SCHULTHESS 1929: 187 (Democratic Republic of Congo).

Eumenes campaniformis var. *tessmanni* von SCHULTHESS RECHBERG: GIORDANI SOIKA 1934a: 227 (tax.), 228 (cat.).

Delta campaniformis var. *tessmanni* (von SCHULTHESS RECHBERG): GIORDANI SOIKA 1961a: 243 (tax.).

Delta campaniforme tessmanni (von SCHULTHESS RECHBERG): GIORDANI SOIKA 1975: 14 (tax., Nigeria).

Delta campaniforme tessmanni (von SCHULTHESS RECHBERG): MEDLER 1980: 476 (cat., Nigeria).

**Eumenes cameruna* "KOHL": von SCHULTHESS RECHBERG 1913a: 342 (syn.).

Distribution: Cameroon, Democratic Republic of Congo, Equatorial Guinea, Nigeria.

***Delta concinnus* (de SAUSSURE 1855)**

Eumenes concinnus n.sp.: de SAUSSURE 1855: 144 (descr. ♂, Sudan).

Eumenes concinna de SAUSSURE: SMITH 1857: 25 (cat.).

Eumenes concinna de SAUSSURE: GRIBODO 1884: 293 (descr. ♀, Ethiopia).

Eumenes concinnus de SAUSSURE: MAGRETTI 1884b: 611 (tax., Eritrea, Sudan).

Eumenes concinna de SAUSSURE: MAGRETTI 1885: 276 (Sudan), 299 (Eritrea), 307 (Sudan), 327 (Eritrea), 352 (cat.).

Eumenes concinna de SAUSSURE: de DALLA TORRE 1894: 22 (cat.).

Eumenes concinna de SAUSSURE: von DALLA TORRE 1904: 22 (cat.).

Eumenes lepeletierii var. *concinnus* de SAUSSURE: von SCHULTHESS RECHBERG 1910a: 17 (cat.).

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

Eumenes lepeletierii concinnus de SAUSSURE: von SCHULTHESS 1922b: 96 (Sudan).

Eumenes concinna de SAUSSURE: du BUYSSON 1922: 972 (Kenya).

Eumenes (Delta) lepeletierii var. *concinnus* DE SAUSSURE: BEQUAERT 1926: 555 (key), 557 (descr. ♂ ♀, Central African Republic, Democratic Republic of Congo, South Africa, Zimbabwe).

Eumenes lepeletierii var. *concinna* de SAUSSURE: GUIGLIA 1932: 121 (Eritrea, Guinea Bissau).

Eumenes hottentottus var. *concinnus* de SAUSSURE: GIORDANI SOIKA 1934a: 228 (cat.).

Eumenes hottentottus var. *concinnus* de SAUSSURE: GIORDANI SOIKA 1934b: 370 (Guinea Bissau).

Eumenes hottentottus concinnus de SAUSSURE: GIORDANI SOIKA 1935: 3 (tax., Mozambique).

Eumenes hottentottus var. *concinnus* de SAUSSURE: GUIGLIA 1939a: 189 (Ethiopia).

Eumenes hottentottus var. *concinnus* de SAUSSURE: GIORDANI SOIKA 1939c: 95 (tax., Eritrea).

Eumenes (Delta) hottentottus var. *concinnus* de SAUSSURE: GIORDANI SOIKA 1940: 285 (Ethiopia).

Eumenes (Delta) hottentottus ssp. *concinnus* de SAUSSURE: GIORDANI SOIKA 1952b: 78 (tax., Ethiopia).

Delta hottentottus ssp. *concinnus* (de SAUSSURE): GIORDANI SOIKA 1961a: 243 (tax.).

Delta hottentottus ssp. *concinnus* (de SAUSSURE): GIORDANI SOIKA 1961b: 442 (South Africa).

Delta concinnum (de SAUSSURE): GIORDANI SOIKA 1975: 10 (tax.), 11 (fig. 3).

Delta hottentottum aff. *concinnum* (de SAUSSURE): GIORDANI SOIKA 1979: 245 (Mali).

Delta concinnum (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).

Delta hottentottum concinnum (de SAUSSURE): GIORDANI SOIKA 1982b: 203 (Ethiopia).

Delta hottentottum concinnum (de SAUSSURE): WEAVING 1995: 186 (fig. 3.1), 187 (biol., South Africa), 188 (table 1), 191 (table 6), 192 (biol.), 193 (fig. 4), 195 (fig. 5A), 197 (biol.), 198 (table 10), 199 (table 11), 200 (table 12), 201 (table 13), 203 (table 14), 204 (biol.), 205 (table 15), 206 (table 16), 207 (biol.), 208 (table 17), 210 (biol., table 19).

Eumenes lepeletierii concinnus de SAUSSURE: van VONDEL 1995: 24 (cat., Namibia).

Delta concinnum (de SAUSSURE): GUSENLEITNER 2002: 304 (Tanzania).

Delta hottentottum concinnum (de SAUSSURE): GESS & GESS 2003: 81 (South Africa), 314 (biol., South Africa), 338 (biol., South Africa), 351 (biol., South Africa), 374 (biol., South Africa), 397 (biol., South Africa), 453 (biol., South Africa).

Delta concinnum (de SAUSSURE): GUSENLEITNER 2004: 148 (Kenya).

**Eumenes rendalli* n.sp.: BINGHAM 1902: 220 (♂, Malawi).

**Eumenes sanguinolenta* n.sp.: GERSTÄCKER 1857: 463 (descr. ♂, Mozambique).

Eumenes sanguinolenta n.sp.: GERSTÄCKER 1862: 464 (descr. ♂, Mozambique), pl. 30 (fig. 3).

Eumenes sanguinolenta GERSTÄCKER: KOHL 1893: 189 (descr. ♀, Mozambique).

Eumenes sanguinolenta GERSTÄCKER: de DALLA TORRE 1894: 31 (cat.).

Eumenes sanguinolenta GERSTÄCKER: von DALLA TORRE 1904: 24 (cat.).

Eumenes sanguinolentus GERSTÄCKER: von SCHULTHESS RECHBERG 1910a: 17 (syn.).

**Eumenes spilocera* sp.n.: CAMERON 1910b: 159 (descr. ♀, South Africa), 160 (key).

Eumenes spilocera CAMERON: von SCHULTHESS 1913b: 14 (syn.).

Distribution: Central African Republic, Democratic Republic of Congo, Eritrea, Ethiopia, Guinea Bissau, Kenya, Malawi, Mali (?), Mozambique, Namibia, Nigeria, South Africa, Sudan, Tanzania, Zimbabwe.

***Delta dimidiatipenne* (de SAUSSURE 1852)**

- Eumenes dimidiatipennis* de SAUSSURE: WALKER 1871: 29 (Djibouti, Eritrea).
Eumenes dimidiatipennis de SAUSSURE: RADOSZKOWSKY 1876: 141 (Ethiopia).
Eumenes dimidiatipennis de SAUSSURE: MAGRETTI 1884a: 252 (cat.).
Eumenes dimidiatipennis de SAUSSURE: MAGRETTI 1884b: 610 (tax., Sudan).
Eumenes dimidiatipennis de SAUSSURE: MAGRETTI 1884b: 68 (Sudan).
Eumenes dimidiatipennis de SAUSSURE: von SCHULTHESS RECHBERG 1893: 18 (Somalia).
Eumenes dimidiatipennis de SAUSSURE: de DALLA TORRE 1894: 22 (cat.).
Eumenes dimidiatipennis de SAUSSURE: FOX 1896: 554 (no locality).
Eumenes dimidiatipennis de SAUSSURE: MAGRETTI 1899: 593 (tax., Somalia).
Eumenes dimidiatipennis de SAUSSURE: KIRBY 1903: 246 (Socotra).
Eumenes dimidiatipennis de SAUSSURE: MORICE 1904 (In: MORICE & SZÉPLIGETI): 3 (Sudan).
Eumenes dimidiatipennis de SAUSSURE: KOHL 1906: 224 (Socotra).
Eumenes dimidiatipennis de SAUSSURE: du BUYSSON 1908a: 135 (Niger).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes dimidiatipennis de SAUSSURE: ZAVATTARI 1911: 3 (Eritrea, Ethiopia).
Eumenes dimidiatipennis de SAUSSURE: LONGSTAFF 1911: 125 (Sudan).
Eumenes dimidiatipennis de SAUSSURE: LONGSTAFF 1912: 204 (South Africa), 411 (Sudan).
Eumenes dimidiatipennis de SAUSSURE: MAIDL 1913: 558 (Uganda).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): BEQUAERT 1918: 62 (fig. 47: map), 280 (cat partim).
Eumenes maxillosus dimidiatipennis (de SAUSSURE): von SCHULTHESS 1922b: 96 (Sudan).
Eumenes dimidiatipennis de SAUSSURE: du BUYSSON 1922: 971 (Ethiopia).
Eumenes (Delta) maxillosus var. *dimidiatipennis* (de SAUSSURE): BEQUAERT 1926: 563 (key), 565 (cat.).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): BEQUAERT 1928: 167.
Eumenes maxillosa var. *dimidiatipennis* (de SAUSSURE): GUIGLIA 1931: 160 (Eritrea).
Eumenes maxillosa var. *dimidiatipennis* (de SAUSSURE): GUIGLIA 1932: 120 (Eritrea, Somalia).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): GUIGLIA 1939a: 189 (Ethiopia).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): GIORDANI SOIKA 1939c: 96 (Eritrea).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): GUIGLIA 1939c: 48 (Ethiopia).
Eumenes maxillosus var. *dimidiatipennis* (de SAUSSURE): GUIGLIA 1940a: 277 (Somalia).
Eumenes (Delta) maxillosus var. *dimidiatipennis* (de SAUSSURE): GIORDANI SOIKA 1940: 284 (Somalia).
Eumenes dimidiatipennis de SAUSSURE: BERLAND 1950: 299 (Niger).
Eumenes (Delta) maxillosus ssp. *dimidiatipennis* (de SAUSSURE): GIORDANI SOIKA 1952b: 77 (Ethiopia).
Eumenes (Delta) dimidiatipennis de SAUSSURE: GIORDANI SOIKA 1954: 27 (tax., Chad).
Delta dimidiatipenne (de SAUSSURE): GIORDANI SOIKA 1974a: 85 (Socotra).

Distribution: Chad, Djibouti, Eritrea, Ethiopia, Mauritania, Niger, Socotra, Somalia, South Africa, Sudan, Uganda.

Known from the Palearctic and Oriental Region.

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

- Vespa emarginata* n.sp.: LINNAEUS 1758: 574 (descr., America).
Vespa emarginata LINNAEUS: von LINNÉ 1764: 408 (tax., America).

- Vespa emarginata* LINNAEUS: LINNÉ 1767: 952 (descr., America).
Vespa emarginata LINNAEUS: MÜLLER 1775: 886 (tax., descr., America).
Vespa emarginata LINNAEUS: GMELIN 1777: 708 (tax., America).
Vespa emarginata LINNAEUS: RETZIUS 1783: 63 (tax., descr.).
Vespa emarginata LINNAEUS: GMELIN 1790: 2759 (tax., descr., America).
Vespa emarginata LINNAEUS: CHRIST 1791: 225 (tax., America).
Vespa emarginata LINNAEUS: OLIVIER 1792: 663 (key), 674 (tax., descr., Surinam).
Vespa emarginata LINNAEUS: de SAUSSURE 1853: 263 (tax.).
Vespa emarginata LINNAEUS: de DALLA TORRE 1894: 145 (cat.).
Vespa emarginata Linnaeus: von DALLA TORRE 1904: 66 (cat.).
Delta emarginatus (LINNAEUS): GIORDANI SOIKA 1968: 527 (Sudan).
Delta emarginatum (LINNAEUS): GIORDANI SOIKA 1973a: 73 (fig. 1).
Delta emarginatum (LINNAEUS): BONELLI 1973b: 28 (biol., Ethiopia), 29 (fig. 1), 30 (fig. 2), 31 (fig. 3), 33 (fig. 4), 34 (fig. 5), 36 (fig. 6), 37 (fig. 7), 39 (fig. 8).
Delta emarginatum (LINNAEUS): GIORDANI SOIKA 1974c: 300.
Delta emarginatum (LINNAEUS): BONELLI 1975: 44 (biol., Ethiopia).
Delta emarginatum (LINNAEUS): DAY 1979: 58 (tax.), 61 (tax.), 79 (cat.).
Delta emarginatum (LINNAEUS): MEDLER 1980: 476 (cat., Nigeria).
Delta emarginatum emarginatum (LINNAEUS): GIORDANI SOIKA 1987b: 155 (Gambia, Kenya).
Delta emarginatum (LINNAEUS): GIORDANI SOIKA 1989b: 55 (tax., Burkina Faso, Cameroon, Gabon, Ivory Coast, Mali, Niger, Nigeria, Senegal).
Delta emarginatum emarginatum (LINNAEUS): GUSENLEITNER 1992: 679 (Mali, Senegal, Togo).
Delta emarginatum (LINNAEUS): GESS & GESS 1994: 100 (table 1: biol., South Africa), 104 (table 3: biol., South Africa).
Delta emarginatum emarginatum (LINNAEUS): GUSENLEITNER 1999: 367 (Ivory Coast).
Delta emarginatum (LINNAEUS): GUSENLEITNER 2000: 920 (Gambia).
Delta emarginatum (LINNAEUS): GUSENLEITNER 2002: 304 (Tanzania).
Delta emarginatum (LINNAEUS): GESS & GESS 2003: 80 (biol., Namibia, South Africa), 268 (biol., South Africa), 286 (biol., South Africa), 298 (biol., Namibia), 306 (biol., Namibia), 335 (biol., South Africa), 338 (biol., Namibia, South Africa), 347 (biol., South Africa), 357 (biol., Namibia), 373 (biol., South Africa), 406 (biol., South Africa), 418 (biol., South Africa), 420 (biol., South Africa), 446 (biol., Namibia), 453 (biol. South Africa).
Delta emarginatum (LINNAEUS): GUSENLEITNER 2004: 148 (Kenya, Tanzania).
Delta emarginatum emarginatum (LINNAEUS): GUSENLEITNER 2005: 412 (Burkina Faso).
Delta emarginatum (LINNAEUS): BAEZ, GARCIA & KOPONEN 2005: 98 (cat., Cape Verde).
 **Vespa capensis* n.sp.: LINNÉ 1767: 952 (descr., South Africa).
Vespa capensis LINNÉ: MÜLLER 1775: 886 (tax., descr., South Africa).
Vespa capensis LINNÉ: GMELIN 1777: 707 (tax., descr., South Africa).
Vespa capensis LINNÉ: DEGEER 1778: 609 (tax., descr., South Africa).
Vespa capensis LINNÉ: RETZIUS 1783: 63 (tax.).
Vespa capensis LINNÉ: GMELIN 1790: 2758 (tax., descr., South Africa).
Vespa crabro capensis LINNÉ: CHRIST 1791: 215 (descr., South Africa).
Vespa capensis LINNÉ: OLIVIER 1792: 664 (key), 676 (tax., descr., South Africa).
Vespa capensis LINNÉ: de SAUSSURE 1853: 262 (tax.).
Vespa capensis LINNÉ: de SAUSSURE 1855: 155 (syn. of *Vespa calida*).
Vespa capensis LINNÉ: DAY 1979: 58 (syn.).
 Vespa maxillosus* n.sp.: DEGEER 1773: 577 (descr., Surinam), pl. 29 (figs 1, 2). **not seen
Vespa maxillosa DEGEER: RETZIUS 1783: 63 (syn. of *Vespa emarginata*).
Eumenes maxillosus (DEGEER): de DALLA TORRE 1894: 26 (cat.).
Eumenes maxillosus (DEGEER): FOX 1896: 554 (Somalia).
Eumenes maxillosus (DEGEER): STADELMANN 1898: 10 (cat., Tanzania), 28 (biol., Kenya, Tanzania).
Eumenes maxillosus (DEGEER): MAGRETTI 1899: 593 (tax., Ethiopia).
Eumenes maxillosus (DEGEER): de SCHULTHESS-SCHINDLER 1899: 271 (Mozambique).

- Eumenes maxillosa* (DEGEER): BINGHAM 1902: 219 (Malawi, South Africa).
Eumenes maxillosus (DEGEER): von DALLA TORRE 1904: 23 (cat.).
Eumenes maxillosa (DEGEER): TULLGREN 1904: 445 (Cameroon).
Eumenes maxillosus (DEGEER): ZAVATTARI 1907a: 1 (Somalia).
Eumenes maxillosus (DEGEER): ZAVATTARI 1907b: 3 (Democratic Republic of Congo).
Eumenes maxillosus (DEGEER): von SCHULTHESS RECHBERG 1907: 71 (Kenya (Pate)).
Eumenes maxillosus (DEGEER): BINGHAM 1909: 181 (Uganda).
Eumenes maxillosa (DEGEER): CAMERON 1910a: 175 (key), 177 (Tanzania), 196 (cat.).
Eumenes maxillosa (DEGEER): CAMERON 1910b: 156 (South Africa).
Eumenes maxillosus var. *maxillosus* (DEGEER): von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes maxillosus (DEGEER): SCHUSTER 1911: 27 (biol., Tanzania).
Eumenes maxillosus (DEGEER): ZAVATTARI 1911: 3 (Gabon, South Africa).
Eumenes maxillosus (DEGEER): SCHULZ 1912: 60 (tax.).
Eumenes maxillosus (DEGEER): MAIDL 1913: 558 (Sudan).
Eumenes maxillosus var. *maxillosus* (DEGEER): von SCHULTHESS RECHBERG 1913a: 342 (Equatorial Guinea).
Eumenes maxillosus (DEGEER): von SCHULTHESS RECHBERG 1913c: 342 (Democratic Republic of Congo, Tanzania).
Eumenes maxillosus maxillosus (DEGEER): von SCHULTHESS RECHBERG 1914: 291 (Cameroon).
Eumenes maxillosa (DEGEER): LAMBORN 1914: 198 (biol., Nigeria).
Eumenes maxillosus maxillosus (DEGEER): BEQUAERT 1918: 56 (key), 57 (figs 39-43), 58 (key), 61 (fig. 45: map), 67 (tax., descr. ♂ ♀, biol., Democratic Republic of Congo), 279 (cat.).
Eumenes maxillosus (DEGEER): SCHOUTEDEN 1919: 173 (Democratic Republic of Congo).
Eumenes maxillosus maxillosus (DEGEER): von SCHULTHESS 1922a: 400 (Botswana).
Eumenes maxillosus maxillosus (DEGEER): von SCHULTHESS 1922b: 96 (biol., Sudan).
Eumenes maxillosus var. *maxillosus* (DEGEER): von SCHULTHESS 1923: 136 (Namibia).
Eumenes maxillosus (DEGEER): SJÖDSTEDT 1926: 3 (Democratic Republic of Congo).
Eumenes (Delta) maxillosus maxillosus (DEGEER): BEQUAERT 1926: 487 (typ. subgen.), 492 (key), 559 (tax., 560 (figs 13a-e), 563 (key), 564 (tax., Democratic Republic of Congo, Zambia, Mozambique, South Africa, Zimbabwe).
Eumenes maxillosus (DEGEER): GUIGLIA 1928: 494 (Somalia).
Eumenes maxillosus var. *maxillosus* (DEGEER): von SCHULTHESS 1928: 97 (Central African Republic, Democratic Republic of Congo).
Eumenes maxillosus (DEGEER): de SCHULTHESS 1929: 187 (Rwanda-Urundi).
Eumenes maxillosus (DEGEER): SALT & BEQUAERT 1929: 252 (biol., Democratic Republic of Congo).
Eumenes maxillosa (DEGEER): GUIGLIA 1932: 120 (Somalia, Tanzania).
Eumenes maxillosus (DEGEER): TAYLOR 1932: 232 (biol., South Africa). **not seen**
Eumenes maxillosus (DEGEER): BEQUAERT 1933 (In: BENSON et al.): 113 (tax., Ethiopia).
Eumenes (Delta) maxillosus (DEGEER): GIORDANI SOIKA 1935: 2 (tax., Mozambique).
Eumenes maxillosus maxillosus (DEGEER): BEQUAERT 1938: 3 (Democratic Republic of Congo), 10 (cat.).
Eumenes maxillosus (DEGEER): GUIGLIA 1938: 183 (Somalia).
Eumenes (Delta) maxillosus (DEGEER): GIORDANI SOIKA 1939a: 170 (Eritrea).
Eumenes maxillosus (DEGEER): GUIGLIA 1939a: 188 (Eritrea, Ethiopia).
Eumenes maxillosus (DEGEER): GUIGLIA 1939b: 84 (Eritrea, Ethiopia).
Eumenes maxillosus (DEGEER): BUXTON 1937: 587 (Kenya).
Eumenes maxillosus (DEGEER): GIORDANI SOIKA 1939c: 96 (Eritrea).
Eumenes maxillosus (DEGEER): GUIGLIA 1940a: 276 (Somalia).
Eumenes (Delta) maxillosus (DEGEER): GIORDANI SOIKA 1940: 284 (tax., Somalia).
Eumenes maxillosus (DEGEER): GUIGLIA 1940b: 288 (Somalia, Zimbabwe).
Eumenes maxillosus (FABRICIUS (sic)): BERLAND 1950: 299 (Niger).
Eumenes maxillosus (DEGEER): RISBEC 1950: 453 (biol., Senegal), 454 (biol.).
Eumenes (Delta) maxillosus (DEGEER): GIORDANI SOIKA 1952b: 76 (biol., Ethiopia).

- Eumenes (Delta) maxillosus* (DEGEER): GIORDANI SOIKA 1955: 365 (Burundi, Rwanda).
Delta maxillosus (DEGEER): GIORDANI SOIKA 1956: 21 (tax., Cape Verde), 25 (tax.).
Eumenes (Delta) maxillosus (DEGEER): GIORDANI SOIKA 1957: 188 (tax.), 189 (tax.), 191 (tax.), 192 (fig. 4.2), 193 (fig. 5.6), 194 (tax.), 196 (fig. 6: map), 197 (fig. 7: map).
Eumenes maxillosus (DEGEER): CHAPMAN 1959: 1 (biol., Tanzania).
Eumenes (Delta) maxillosus (DEGEER): GUIGLIA 1959: 313 (Somalia).
Delta maxillosus (DEGEER): GIORDANI SOIKA 1961a: 243 (tax.).
Delta maxillosus (DEGEER): GIORDANI SOIKA 1961b: 440 (tax., Namibia, South Africa, Zimbabwe), 441 (fig. 1.A).
Delta maxillosus (DEGEER): van den BERG 1973: 167 (biol., South Africa).
Delta maxillosus (DEGEER): GESS & GESS 1991: 81 (biol., South Africa).
Delta maxillosus (DEGEER): WEAVING 1995: 222 (app. A: biol.).
Eumenes savignyi* n.sp.: GUÉRIN-MÉNEVILLE 1835: pl. 72 (figs 4, 4a-d). **new synonym
Eumenes savignyi GUÉRIN-MÉNEVILLE: SPINOLA 1838: 503 (descr. ♂ ♀, without data).
Eumenes savignyi n.sp.: GUÉRIN-MÉNEVILLE 1844: 446 (tax., Senegal).
Eumenes savignyi GUÉRIN-MÉNEVILLE: GUÉRIN MENNEVILLE 1848: 363 (Ethiopia).
Eumenes savignyi GUÉRIN-MÉNEVILLE: de SAUSSURE 1852: 49 (syn. of *Eumenes tinctor*).
Eumenes (Delta) maxillosus var. *savignyi* GUÉRIN-MÉNEVILLE: BEQUAERT 1926: 563 (key), 565 (tax., Sudan).
Eumenes maxillosus var. *savignyi* GUÉRIN-MÉNEVILLE: BEQUAERT 1928: 167.
Eumenes (Delta) maxillosus savignyi GUÉRIN-MÉNEVILLE: GIORDANI SOIKA 1939a: 170 (Eritrea).
Eumenes (Delta) maxillosus var. *savignyi* de SAUSSURE: GIORDANI SOIKA 1952b: 76 (tax., Ethiopia).
Delta maxillosus var. *savignyi* (de SAUSSURE): GIORDANI SOIKA 1961a: 243 (tax.).
Delta emarginatum savignyi (de SAUSSURE): GIORDANI SOIKA 1979: 245 (tax., Mali, Niger).
Delta emarginatum savignyi (de SAUSSURE): GIORDANI SOIKA 1987b: 156 (Gambia).
Delta emarginatum savignyi (de SAUSSURE): GIORDANI SOIKA 1989b: 55 (syn.).
Delta emarginatum savignyi (GUÉRIN-MÉNEVILLE): GUSENLEITNER 2006: 661 (Niger).
**Sphex tinctor* n.sp.: CHRIST 1791: 311 (descr. ♀), pl. 31 (fig. 1).
Eumenes tinctor CHRIST: de SAUSSURE 1852: 49 (tax., descr. ♂ ♀, Senegal, "Congo"), pl. 4 (figs 2a-c).
Eumenes tinctor de SAUSSURE (sic): de SAUSSURE 1855: 131 (tax.).
Eumenes tinctor de SAUSSURE (sic): SMITH 1856: 128 (biol., South Africa).
Eumenes tinctor de SAUSSURE (sic): SMITH 1857: 27 (cat.), pl. 6 (fig. 1).
Eumenes tinctor de SAUSSURE (sic): GUEINZIUS 1858: 9 (South Africa).
Eumenes tinctor de SAUSSURE (sic): GERSTÄCKER 1857: 462 (Mozambique).
Eumenes tinctor de SAUSSURE (sic): GERSTAECKER 1862: 462 (Mozambique).
Eumenes tinctor (CHRIST): COSTA 1864: 64 (Senegal).
Eumenes tinctor (CHRIST): HEYDEN 1868: 398 (biol., Eritrea).
Eumenes tinctor (CHRIST): WALKER 1871: 29 (Eritrea).
Eumenes tinctor de SAUSSURE (sic): GERSTAECKER 1871: 350 (Kenya).
Eumenes tinctor de SAUSSURE (sic): GERSTAECKER 1873: 321 (tax., Kenya).
Eumenes tinctor de SAUSSURE (sic): GRIBODO 1881: 241 (Ethiopia), 269 (cat.).
Eumenes tinctor de SAUSSURE (sic): RADOSZKOVSKY 1881: 203 (Angola).
Eumenes tinctor de SAUSSURE (sic): GRIBODO 1884: 293 (tax., Ethiopia).
Eumenes tinctor (CHRIST): MAGRETTI 1884a: 252 (cat.).
Eumenes tinctor (CHRIST): MAGRETTI 1884b: 609 (tax., biol., Eritrea, Ethiopia).
Eumenes tinctor (CHRIST): MAGRETTI 1885: 317 (biol., Ethiopia), 352 (cat.).
Eumenes tinctor (CHRIST): SCHLETTERER 1891: 19 (Democratic Republic of Congo).
Eumenes tinctor (CHRIST): MAGRETTI 1892: 959 (Somalia).
Eumenes tinctor (CHRIST): DISTANT 1892: 210 (South Africa).
Eumenes tinctor de SAUSSURE (sic): KOHL 1894: 343 (Democratic Republic of Congo, Gabon, Liberia, Mozambique, Sierra Leone, Zambia).
Eumenes tinctor (CHRIST): GRIBODO 1894 (In: EMERY et al.): 62 (Mozambique).

- Eumenes tinctor* (CHRIST): MAGRETTI 1894: 959 (Somalia).
Eumenes tinctor (CHRIST): GRIBODO 1895: 91 (Democratic Republic of Congo, Eritrea, Ethiopia, Mozambique, South Africa)
Eumenes tinctor (CHRIST): MARSHALL 1902: 525 (biol.), 526 (biol.), 570 (Zimbabwe), pl. 21 (figs 14, 15).
Eumenes tinctor de SAUSSURE (sic): MORICE 1904 (In: MORICE & SZÉPLIGETI): 3 (Sudan).
Eumenes tinctor (CHRIST): du BUYSSON 1908a: 135 (Niger).
Eumenes tinctor de SAUSSURE (sic): du BUYSSON 1908b: 593 (biol., Malawi).
Eumenes tinctor de SAUSSURE (sic): du BUYSSON 1908c: 707 (Chad).
Eumenes tinctor (CHRIST): du BUYSSON 1910: 227 (Mauritania).
Eumenes tinctor (CHRIST): BRAUNS 1911: 17 (biol., South Africa).
Eumenes tinctor (CHRIST): LONGSTAFF 1911: 125 (Sudan), 195 (Sudan), 196 (Sudan), 197 (Sudan), 201.
Sphex tinctor CHRIST: SCHULZ 1912: 60 (syn.).
Eumenes tinctor (CHRIST): LONGSTAFF 1912: 230 (Zimbabwe), 237 (South Africa), 241 (South Africa), 245 (South Africa), 411 (Sudan), 414 (Sudan), 417 (Sudan).
Eumenes tinctor de SAUSSURE (sic): ROUBAUD 1916: 3, 43 (biol., Mali, Niger, Senegal), 45 (figs 17-21), 46 (fig. 22), 28 (figs 23.1-3), 52 (figs 24A, B), 56 (fig. 25).
Eumenes tinctor (CHRIST): du BUYSSON 1922: 971 (Ethiopia, Kenya).
Eumenes tinctor ferruginea* n.var.: MAGRETTI 1884b: 610 (descr. ♂ ♀). **new synonym
Eumenes tinctor var. *ferruginea* MAGRETTI: MAGRETTI 1885: 276 (Sudan), 299 (Eritrea), 352 (cat.).
Eumenes maxillosus var. *ferrugineus* MAGRETTI: BEQUAERT 1918: 58 (tax.).
**Vespa guineensis* n.sp.: FABRICIUS 1793: 277 (descr., "Guinea").
Zethus guineensis (FABRICIUS): FABRICIUS 1804: 283 (tax., "Guinea").
Vespa guineensis FABRICIUS: de SAUSSURE 1852: 49 (syn. of *Eumenes tinctor*).
Zethus guineensis (FABRICIUS): SCHULZ 1912: 87 (syn., "Guinea").
**Eumenes erythrospila* n.sp.: CAMERON 1910a: 175 (key), 178 (descr. ♂ ♀, Tanzania), 196 (cat.).
Eumenes erythrospila CAMERON: MEADE-WALDO 1913: 51 (syn. of *Eumenes maxillosus*).
Eumenes erythrospila CAMERON: von SCHULTHESS 1913b: 14 (tax., Tanzania).

Distribution: Angola, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, "Congo", Democratic Republic of Congo, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ivory Coast, Kenya (Kenya, Pate), Liberia, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Tanzania, Togo, Uganda, Zambia, Zimbabwe.

Known from the Palearctic Region. In the Malagasy Subregion recorded from Seychelles (Aldabra, Assumption, Astove, Cosmoledo), Comoros (Grande Comore, Anjouan), Mayotte and Madagascar.

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

- Eumenes gracilis* n.sp.: de SAUSSURE 1852: 57 (descr. ♂ ♀, Senegal).
Eumenes esuriens var. *gracilis* de SAUSSURE: de SAUSSURE 1855: 131 (tax.), 132 (tax.).
Eumenes esuriens gracilis de SAUSSURE: MAINDRON 1882b: 270 (syn. of *Eumenes esuriens*).
Eumenes esuriens gracilis de SAUSSURE: MAGRETTI 1884b: 612 (Ethiopia, Sudan).
Eumenes esuriens gracilis de SAUSSURE: MAGRETTI 1885: 280 (Ethiopia), 316 (Ethiopia), 352 (cat.).
Eumenes esuriens gracilis de SAUSSURE: de DALLA TORRE 1894: 23 (cat.).
Eumenes esuriens gracilis de SAUSSURE: von DALLA TORRE 1904: 22 (cat.).
Eumenes caffer var. *gracilis* de SAUSSURE: BEQUAERT 1918: 71 (key), 275 (tax., cat.).

- Eumenes (Delta) campaniformis* var. *gracilis* de SAUSSURE: BEQUAERT 1926: 541 (key), 544 (tax., Kenya).
- Eumenes campaniformis* var. *gracilis* de SAUSSURE: GIORDANI SOIKA 1934a: 227 (cat.).
- Delta campaniformis gracilis* (de SAUSSURE): GIORDANI SOIKA 1961a: 243 (tax.).
- Delta campaniformis gracilis* (de SAUSSURE): GIORDANI SOIKA 1961b: 441 (fig. 1B).
- Delta campaniformis gracilis* (de SAUSSURE): GIORDANI SOIKA 1968: 528 (Sudan).
- Delta campaniforme gracile* (de SAUSSURE): GIORDANI SOIKA 1975: 11 (fig. 1), 12 (fig. 5), 13 (tax., fig. 7), 14 (Nigeria).
- Delta campaniforme gracile* (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).
- Delta campaniforme gracile* (de SAUSSURE): GIORDANI SOIKA 1987a: 149 (tax., Ghana, Senegal, Somalia, Sudan).
- Delta campaniforme gracile* (de SAUSSURE): GIORDANI SOIKA 1987b: 155 (Gambia).
- Delta campaniforme gracile* (de SAUSSURE): GIORDANI SOIKA 1989b: 57 (tax., Cameroon, Nigeria, Senegal, Togo).
- Delta campaniforme gracile* (de SAUSSURE): GUSENLEITNER 1992: 679 (Ghana, Mali, Senegal).
- Delta esuriens gracile* (de SAUSSURE): GIORDANI SOIKA 1992: 61 (tax., Gambia, "Guinea", Ivory Coast, Mali, Mauritania, Nigeria, Senegal, Sudan).
- **Delta campaniforme* (de SAUSSURE): BUXTON 1937: 587 (Kenya).
- **Eumenes esuriens* (FABRICIUS): SMITH 1860a: 86 (Senegal, Sierra Leone).
- Eumenes esuriens* (FABRICIUS): SMITH 1860b: 126 (Senegal, Sierra Leone).
- Eumenes esuriens* (FABRICIUS): WALKER 1871: 29 (Eritrea).
- Eumenes esuriens* (FABRICIUS): MORICE 1904 (In: MORICE & SZÉPLIGETI): 3 (Sudan).
- Eumenes esuriens* (FABRICIUS): LONGSTAFF 1912: 411 (Sudan).
- Eumenes esuriens* (FABRICIUS): ROUBAUD 1916: 3, 60 (biol., Mali).
- Eumenes caffer* var. *esuriens* (FABRICIUS): BEQUAERT 1918: 275 (cat. partim).
- Eumenes caffer* var. *esuriens* (FABRICIUS): SCHOUTEDEN 1919: 174 (Democratic Republic of Congo).
- Eumenes esuriens* (FABRICIUS): von SCHULTHESS 1922b: 96 (Sudan).
- Eumenes esuriens* (FABRICIUS): GUIGLIA 1928: 495 (Somalia).
- Eumenes campaniformis* var. *esuriens* (FABRICIUS): GUIGLIA 1932: 120 (Somalia).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Eritrea, Ethiopia, Gambia, Ghana, Ivory Coast, Kenya, Mali, Mauritania, Niger, Nigeria, Senegal, Sierra Leone, Somalia, Sudan, Togo.

Known from the Palearctic Region. In the Malagasy Subregion recorded from Seychelles (Aldabra).

***Delta fenestrale* (de SAUSSURE 1852)**

- Eumenes fenestralis* n.sp.: de SAUSSURE 1852: 53 (descr. ♂ ♀, "Congo", Senegal), pl. 10 (fig. 6).
- Eumenes fenestralis* de SAUSSURE: SMITH 1857: 27 (cat.).
- Eumenes fenestralis* de SAUSSURE: DESMAREST 1860: 143 (fig. 123).
- Eumenes fenestralis* de SAUSSURE: von HEYDEN 1868: 398 (biol., Eritrea).
- Eumenes fenestralis* de SAUSSURE: WALKER 1871: 29 (Eritrea).
- Eumenes fenestratus* (sic) de SAUSSURE: RADOSZKOVSKY 1881: 203 (Angola).
- Eumenes fenestralis* de SAUSSURE var. A: GRIBODO 1884: 293 (Ethiopia).
- Eumenes fenestralis* de SAUSSURE: KOHL 1894: 343 (Tanzania (Zanzibar)).
- Eumenes fenestralis* de SAUSSURE: de DALLA TORRE 1894: 24 (cat.).
- Eumenes fenestralis* de SAUSSURE: GRIBODO 1895: 92 (tax., Ethiopia, Mozambique, South Africa).
- Eumenes fenestralis* de SAUSSURE: STADELMANN 1898: 10 (cat., Tanzania), 29 (tax., Tanzania (Zanzibar)).
- Eumenes fenestralis* de SAUSSURE: de SCHULTHESS-SCHINDLER 1899: 271 (Mozambique).
- Eumenes fenestralis* de SAUSSURE: von DALLA TORRE 1904: 22 (cat.).
- Eumenes fenestralis* de SAUSSURE: BINGHAM 1909: 181 (Uganda).

- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): von SCHULTHESS RECHBERG 1910a: 17 (cat.).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): BEQUAERT 1918: 59 (key), 62 (fig. 46: map), 68 (tax., descr. ♀, Democratic Republic of Congo), 280 (cat.).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): SCHOUTEDEN 1919: 174 (Democratic Republic of Congo).
- Eumenes fenestralis* de SAUSSURE: du BUYSSON 1922: 972 (Kenya).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): von SCHULTHESS 1923: 136 (Namibia).
- Eumenes (Delta) maxillosus* var. *fenestralis* (de SAUSSURE): BEQUAERT 1926: 564 (key), 566 (Mozambique, South Africa).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): von SCHULTHESS 1928: 97 (Central African Republic).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): BEQUAERT 1928: 167.
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): SALT & BEQUAERT 1929: 252 (biol., Democratic Republic of Congo).
- Eumenes maxillosus* var. *fenestralis* (de SAUSSURE): SCOTT 1933 (In: BENSON et al.): 118 (Ethiopia).
- Eumenes (Delta) maxillosus* var. *fenestralis* (de SAUSSURE): GIORDANI SOIKA 1935: 2 (Mozambique).
- Eumenes fenestralis* de SAUSSURE: BUXTON 1937: 587 (Kenya).
- Eumenes maxillosus fenestralis* (de SAUSSURE): GUIGLIA 1939b: 84 (tax., Ethiopia).
- Eumenes (Delta) maxillosus* var. *fenestralis* (de SAUSSURE): GIORDANI SOIKA 1941: 228 (tax., Senegal).
- Eumenes (Delta) fenestralis* (de SAUSSURE): GIORDANI SOIKA 1952b: 77 (Ethiopia).
- Eumenes (Delta) fenestralis* (de SAUSSURE): GIORDANI SOIKA 1957: 189 (tax.), 191 (tax.), 192 (fig. 4.5), 194 (tax.), 196 (fig. 6: map).
- Delta fenestrale* (de SAUSSURE): BONELLI 1975: 42 (tax., biol., fig. 5, Ethiopia).
- Delta fenestrale* (de SAUSSURE): GIORDANI SOIKA 1979: 245 (Niger).
- Delta fenestrale* (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).
- Delta fenestrale* (de SAUSSURE): GIORDANI SOIKA 1987b: 156 (Gambia).
- Delta fenestrale* (de SAUSSURE): GIORDANI SOIKA 1989b: 56 (Burkina Faso, Cameroon, Senegal, Togo).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 1992: 679 (Ivory Coast, Mali).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 1999: 367 (Ivory Coast).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 2000: 920 (Gambia).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 2002: 304 (Tanzania).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 2004: 148 (Kenya, Tanzania).
- Delta fenestrale* (de SAUSSURE): GUSENLEITNER 2005: 411 (Burkina Faso).
- **Eumenes variventris* n.sp.: CAMERON 1910a: 175 (key), 180 (descr. ♂, Tanzania).
- Eumenes variventris* CAMERON: MEADE-WALDO 1913: 51 (syn.).
- Eumenes variventris* CAMERON: von SCHULTHESS 1913b: 14 (syn.).

Distribution: Angola, Burkina Faso, Cameroon, Central African Republic, "Congo", Democratic Republic of Congo, Eritrea, Ethiopia, Gambia, Ivory Coast, Kenya, Mali, Mozambique, Namibia, Niger, Nigeria, Senegal, South Africa, Tanzania (Tanzania, Zanzibar), Togo, Uganda.

Known from the Palearctic Region.

***Delta higletti higletti* (MEADE-WALDO 1910)**

- Eumenes higletti* n.sp.: MEADE-WALDO 1910: 43 (descr. ♀, Ghana).
- Eumenes higletti* MEADE-WALDO: BEQUAERT 1918: 276 (cat.).
- Eumenes higletti* MEADE-WALDO: BEQUAERT 1926: 493 (tax.), 574 (descr. ♀, Ghana).
- Eumenes campaniformis* var. *higletti* MEADE-WALDO: BEQUAERT 1928: 167 (tax., Ghana).
- Eumenes campaniformis* var. *higletti* MEADE-WALDO: SALT & BEQUAERT 1929: 251 (cat.).

- Eumenes campaniformis* var. *higletti* MEADE-WALDO: GIORDANI SOIKA 1934a: 228 (tax.).
Eumenes (Delta) campaniformis var. *higletti* (MEADE-WALDO): GIORDANI SOIKA 1941: 230 (tax., Ghana).
Delta higletti (MEADE-WALDO): GIORDANI SOIKA 1961b: 442 (tax.).
Delta higletti (MEADE-WALDO): GIORDANI SOIKA 1982a: 209 (tax.).
Delta campaniforme higletti (MEADE-WALDO): GIORDANI SOIKA 1989b: 57 (Ivory Coast).
Delta higletti (MEADE-WALDO): GUSENLEITNER 2002: 304 (Tanzania).
 **Eumenes campaniformis marshalli* n.var.: BEQUAERT 1926: 541 (key), 548 (descr. ♂ ♀, Democratic Republic of Congo, Zimbabwe).
Eumenes campaniformis var. *marshalli* BEQUAERT: SALT 1927: 183 (biol., Zimbabwe).
Eumenes campaniformis var. *marshalli* BEQUAERT: BEQUAERT 1928: 167 (syn.).
Eumenes marshalli BEQUAERT: GIORDANI SOIKA 1961b: 441 (fig. 1.C as *Eumenes higletti*).
 **Eumenes caffer* var. *esuriens* (FABRICIUS): BEQUAERT 1918: 71 (key), 73 (descr. ♀, Democratic Republic of Congo).
- D i s t r i b u t i o n :** Democratic Republic of Congo, Ghana, Ivory Coast, Tanzania, Zimbabwe.

***Delta higletti rendalli* (BINGHAM 1902)**

- Eumenes rendalli* n.sp.: BINGHAM 1902: 220 (descr. ♀, Malawi, South Africa).
Eumenes rendalli BINGHAM: von DALLA TORRE 1904: 24 (cat.).
Eumenes rendalli BINGHAM: von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes rendalli BINGHAM: BEQUAERT 1918: 283 (cat.).
Eumenes campaniformis var. *rendalli* BINGHAM: BEQUAERT 1926: 541 (key), 551 (tax., descr. ♀, Democratic Republic of Congo, Malawi, South Africa, Zimbabwe).
Eumenes campaniformis var. *rendalli* BINGHAM: BEQUAERT 1928: 168 (tax., Malawi).
Eumenes campaniformis var. *rendalli* BINGHAM: SALT & BEQUAERT 1929: 252 (biol., Democratic Republic of Congo).
Eumenes campaniformis var. *rendalli* BINGHAM: GIORDANI SOIKA 1934a: 228 (cat.).
Delta campaniformis var. *rendalli* (BINGHAM): GIORDANI SOIKA 1961a: 243 (tax.).
Delta higletti rendalli (BINGHAM): GUSENLEITNER 1992: 679 (Ivory Coast).
 **Eumenes caffer* var. *gracilis* (DE SAUSSURE): BEQUAERT 1918: 71 (key), 72 (descr. ♀, Democratic Republic of Congo).
- D i s t r i b u t i o n :** Democratic Republic of Congo, Ivory Coast, Malawi, South Africa, Zimbabwe.

Introduced into the Nearctic and Neotropical Region and established (MENKE & STANGE 1986).

***Delta hottentotum hottentotum* (de SAUSSURE 1852)**

- Eumenes hottentota* n.sp.: de SAUSSURE 1852: 63 (descr. ♀, South Africa).
Eumenes hottentotus de SAUSSURE: SMITH 1857: 26 (cat.).
Eumenes hottentotus de SAUSSURE: de DALLA TORRE 1894: 25 (cat.).
Eumenes hottentotus de SAUSSURE: von DALLA TORRE 1904: 23 (cat.).
Eumenes hottentotus de SAUSSURE (?): de SCHULTHESS-SCHINDLER 1899: 271 (Mozambique).
Eumenes hottentotus de SAUSSURE: von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes hottentotus de SAUSSURE: von SCHULTHESS RECHBERG 1913c: 292 (Democratic Republic of Congo).
Eumenes lepeletierii var. *hottentotus* de SAUSSURE: von SCHULTHESS RECHBERG 1914: 291 (Cameroon).
Eumenes lepeletierii var. *hottentotus* de SAUSSURE: BEQUAERT 1918: 77 (key), 78 (tax., Democratic Republic of Congo), 278 (cat. partim).
Eumenes lepeletierii ssp. *hottentotus* de SAUSSURE: von SCHULTHESS 1922: 401 (Namibia).

- Eumenes lepeletierii* var. *hottentotus* de SAUSSURE: von SCHULTHESS 1923: 136 (Namibia).
Eumenes (Delta) lepeletierii var. *hottentotus* de SAUSSURE: BEQUAERT 1926: 554 (key), 559 (tax., Cameroon, Democratic Republic of Congo, Mozambique, South Africa).
Eumenes lepeletierii var. *hottentotus* de SAUSSURE: von SCHULTHESS 1928: 97 (Central African Republic, Democratic Republic of Congo).
Eumenes hottentotus hottentotus de SAUSSURE: GIORDANI SOIKA 1934a: 228 (cat.).
Eumenes (Delta) hottentotus hottentotus de SAUSSURE: GIORDANI SOIKA 1952b: 78 (Ethiopia).
Delta hottentotus hottentotus (de SAUSSURE): GIORDANI SOIKA 1961a: 243 (tax.).
Delta hottentotum (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).
Delta hottentotum hottentotum (de SAUSSURE): GIORDANI SOIKA 1987b: 156 (Gambia).
Delta hottentotum hottentotum (de SAUSSURE): GIORDANI SOIKA 1989b: 58 (Burkina Faso, Cameroon, Gabon, Ivory Coast, Senegal).
Delta hottentotum (de SAUSSURE): GESS & GESS 1994: 104 (table 3: biol., South Africa).
Delta hottentotum (de SAUSSURE): WEAVING 1994: 188 (biol., South Africa).
Eumenes lepeletierii hottentotus de SAUSSURE: VAN VONDEL 1995: 24 (cat., Namibia).
Delta hottentotum (de SAUSSURE): GUSENLEITNER 1999: 367 (Ivory Coast).
Delta hottentotum hottentotum (de SAUSSURE): GUSENLEITNER 2002: 304 (Tanzania).
Delta hottentotum hottentotum (de SAUSSURE): GUSENLEITNER 2003: 172 (Kenya).
Delta hottentotum hottentotum (de SAUSSURE): GESS & GESS 2003: 82 (biol., Namibia, South Africa), 453 (biol., South Africa).
Delta hottentotum hottentotum (de SAUSSURE): GUSENLEITNER 2004: 148 (Kenya).
 **Eumenes dyscheroides* n.sp.: GRIBODO 1895: 93 (descr. ♂, Mozambique).
Eumenes dyscheroides GRIBODO: von DALLA TORRE 1904: 22 (cat.).
Eumenes lepeletierii var. *dyscheroides* GRIBODO: von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes dyscheroides GRIBODO: von SCHULTHESS RECHBERG 1910b: 24 (syn., Mozambique).
 Eumenes tinctor minor* n.var.: MAGRETTI 1884b: 609 (descr. ♀). **new synonym
Eumenes tinctor minor MAGRETTI: BEQUAERT 1926: 564 (syn. of *Eumenes maxillosus maxillosus*).
 Distribution: Burkina Faso, Cameroon, Central African Republic, Democratic Republic of Congo, Ethiopia, Gabon, Gambia, Ivory Coast, Kenya, Mozambique, Namibia, Nigeria, Senegal, South Africa, Tanzania.

***Delta hottentotum berlandi* (GIORDANI SOIKA 1934)**

- Eumenes hottentottus berlandi* nom. novum: GIORDANI SOIKA 1934a: 226 (tax., Eritrea, Somalia), 228 (cat.).
Eumenes hottentottus var. *berlandi* GIORDANI SOIKA: GUIGLIA 1939a: 189 (Eritrea).
Eumenes (Delta) hottentottus var. *berlandi* GIORDANI SOIKA: GIORDANI SOIKA 1939b: 354 (tax., Eritrea).
Eumenes hottentottus var. *berlandi* GIORDANI SOIKA: GIORDANI SOIKA 1939c: 95 (tax., Eritrea).
Eumenes (Delta) hottentottus ssp. *berlandi* GIORDANI SOIKA: GIORDANI SOIKA 1952b: 78 (Ethiopia).
Delta hottentottus berlandi (GIORDANI SOIKA): GIORDANI SOIKA 1961a: 243 (tax.).
Eumenes hottentottus ssp. *berlandi* GIORDANI SOIKA: GIORDANI SOIKA 1973b: 9 (tax., Eritrea).
Delta hottentottus berlandi (GIORDANI SOIKA): BORSATO & RATTI 1999: 79 (cat.).
Delta hottentottum berlandi (GIORDANI SOIKA): GUSENLEITNER 2002: 304 (Tanzania).
Delta hottentottum berlandi (GIORDANI SOIKA): GUSENLEITNER 2004: 148 (Tanzania).
 **Eumenes dyschera* de SAUSSURE: MARSHALL 1902: 525 (biol.), 570 (Zimbabwe), 571 (Zimbabwe), pl. 21 (figs 16, 17), pl. 22 (fig. 14).
 **Eumenes lepeletierii* var. *hottentotus* (de SAUSSURE): BEQUAERT 1918: 278 (cat. partim).
Eumenes lepeletierii var. *hottentotus* de SAUSSURE: BEQUAERT 1925: 138 (tax.).
Eumenes lepeletierii var. *hottentotus* de SAUSSURE: BEQUAERT 1926: 553 (tax.).
 **Eumenes lepeletierii* de SAUSSURE: MAGRETTI 1884b: 611 (Eritrea).
Eumenes lepeletierii var. *lepeletierii* de SAUSSURE: BEQUAERT 1918: 56 (key), 74 (descr. ♂ ♀), 75 (figs 57-62), 77 (key), 77 (tax., Angola, Democratic Republic of Congo).

Distribution: Angola, Democratic Republic of Congo, Eritrea, Ethiopia, Somalia, Tanzania, Zimbabwe.

Known from the Palearctic Region.

***Delta hottentotum nigriventre* GIORDANI SOIKA 1989**

Delta hottentotum nigriventre n.sp.: GIORDANI SOIKA 1989a: 67 (descr. ♂ ♀, Angola).

Delta hottentotum nigriventre GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

Distribution: Angola.

***Delta hottentottum tibesticum* (GIORDANI SOIKA 1954)**

Eumenes (Delta) hottentottus tibesticus n.sp.: GIORDANI SOIKA 1954: 29 (descr. ♂, Chad).

Delta hottentottus tibesticus (GIORDANI SOIKA): GIORDANI SOIKA 1961a: 243 (tax.).

Eumenes hottentottus tibesticus GIORDANI SOIKA: GIORDANI SOIKA 1973b: 45 (tax., Chad).

Delta hottentottum tibesticum (GIORDANI SOIKA): BORSATO & RATTI 1999: 79 (cat.).

Distribution: Chad.

***Delta hottentottum unicoloripenne* GIORDANI SOIKA 1989**

Delta hottentottum unicoloripenne n.sp.: GIORDANI SOIKA 1989b: 58 (descr. ♂ ♀, Burkina Faso, Nigeria, Senegal, Togo).

Delta hottentottum unicoloripenne GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

Delta hottentottum unicoloripenne GIORDANI SOIKA: GUSENLEITNER 2005: 412 (tax., Burkina Faso).

Delta hottentottum unicoloripenne GIORDANI SOIKA: GUSENLEITNER 2006: 661 (Niger).

**Delta concinnum* (de SAUSSURE): GUSENLEITNER 1992: 679 (Mali, Togo).

Distribution: Burkina Faso, Mali, Niger, Nigeria, Senegal, Togo.

***Delta inexpectatum* GIORDANI SOIKA 1982**

Delta inexpectatum n.sp.: GIORDANI SOIKA 1982a: 209 (descr. ♂ ♀, Angola, Namibia, South Africa), 210 (figs 1, 2), 211 (figs 3-5).

Delta inexpectatum GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

Distribution: Angola, Namibia, South Africa.

***Delta lepeletierii lepeletierii* (de SAUSSURE 1852)**

Eumenes lepeletierii n.sp.: de SAUSSURE 1852: 45 (descr. ♀, Senegal), pl. 10 (fig. 1).

Eumenes lepeletierii de SAUSSURE: SMITH 1857: 27 (cat.).

Eumenes lepeletierii de SAUSSURE: GERSTAECKER 1871: 350 (Kenya).

Eumenes lepeletierii de SAUSSURE: GERSTAECKER 1873: 322 (tax., Kenya).

Eumenes lepeletierii de SAUSSURE: RADOSZKOWSKY 1876: 141 (Ethiopia).

Eumenes lepeletierii de SAUSSURE: RADOSZKOWSKY 1881: 203 (Angola).

Eumenes lepeletierii de SAUSSURE: GRIBODO 1884: 292 (tax., Ethiopia).

Eumenes lepeletierii de SAUSSURE: MAGRETTI 1884a: 252 (cat.).

Eumenes lepeletierii de SAUSSURE: MAGRETTI 1884b: 611 (tax., Eritrea, Sudan).

Eumenes lepeletierii de SAUSSURE: MAGRETTI 1885: 268 (Sudan), 293 (Eritrea), 299 (Eritrea), 300 (Eritrea), 352 (cat.).

Eumenes lepeletierii de SAUSSURE: de DALLA TORRE 1894: 26 (cat.).

Eumenes lepeletierii de SAUSSURE: MAGRETTI 1895: 170 (Ethiopia).

- Eumenes lepeletierii* de SAUSSURE: GRIBODO 1895: 89 (descr. ♂ ♀, Mozambique, South Africa).
Eumenes lepeletierii de SAUSSURE: FOX 1896: 554 (Ethiopia).
Eumenes lepeletierii de SAUSSURE: MAGRETTI 1898: 33 (Ethiopia).
Eumenes lepeletierii de SAUSSURE: STADELMANN 1898: 10 (cat., Tanzania), 29 (tax., Kenya, Tanzania (Tanzania, Zanzibar)).
Eumenes lepeletierii de SAUSSURE: de SCHULTHESS-SCHINDLER 1899: 271 (Mozambique).
Eumenes lepeletierii de SAUSSURE: BINGHAM 1902: 219 (South Africa).
Eumenes lepeletierii de SAUSSURE: BINGHAM 1903: 67 (South Africa).
Eumenes lepeletierii de SAUSSURE: von DALLA TORRE 1904: 23 (cat.).
Eumenes lepeletierii de SAUSSURE: MORICE 1904 (In: MORICE & SZÉPLIGETI): 3 (Sudan).
Eumenes lepeletierii de SAUSSURE: SCHULZ 1905: 9 (Angola, Zanzania (Zanzibar)).
Eumenes lepeletierii de SAUSSURE: CAMERON 1910b: 158 (South Africa).
Eumenes lepeletierii var. *lepeletierii* de SAUSSURE: von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes lepeletierii de SAUSSURE: LONGSTAFF 1911: 125 (Sudan).
Eumenes lepeletierii de SAUSSURE: LONGSTAFF 1912: 411 (Sudan).
Eumenes lepeletierii var. *lepeletierii* de SAUSSURE: BEQUAERT 1918: 276 (tax., cat. partim).
Eumenes lepeletierii lepeletierii de SAUSSURE: SCHOUTEDEN 1919: 174 (Democratic Republic of Congo).
Eumenes lepeletierii lepeletierii de SAUSSURE: von SCHULTHESS 1922a: 400 (Botswana, Namibia).
Eumenes lepeletierii var. *lepeletierii* de SAUSSURE: von SCHULTHESS 1923: 136 (Namibia).
Eumenes (Delta) lepeletierii lepeletierii de SAUSSURE: BEQUAERT 1926: 487 (cat.), 492 (key), 553 (tax., 554 (figs 12a-d), 555 (key, tax., Angola, Democratic Republic of Congo, Kenya).
Eumenes lepeletierii de SAUSSURE: GUIGLIA 1928: 495 (Somalia).
Eumenes lepeletierii de SAUSSURE: GUIGLIA 1932: 121 (Eritrea).
Eumenes lepeletierii de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 119 (Ethiopia).
Eumenes campaniformis var. *lepeletierii* de SAUSSURE: GIORDANI SOIKA 1934a: 228 (cat.).
Eumenes campaniformis var. *lepeletierii* de SAUSSURE: GIORDANI SOIKA 1935: 3 (Mozambique).
Eumenes campaniformis var. *lepeletierii* de SAUSSURE: GUIGLIA 1939b: 85 (tax., Eritrea).
Eumenes campaniformis var. *lepeletierii* de SAUSSURE: GIORDANI SOIKA 1939c: 96 (Eritrea).
Eumenes campaniformis var. *lepeletierii* de SAUSSURE: GUIGLIA 1939c: 49 (tax., Ethiopia).
Eumenes (Delta) campaniformis var. *lepeletierii* de SAUSSURE: GIORDANI SOIKA 1940: 284 (tax., Somalia).
Eumenes (Delta) campaniformis var. *lepeletierii* de SAUSSURE: GIORDANI SOIKA 1941: 230 (tax., Senegal).
Eumenes (Delta) lepeletierii de SAUSSURE: GIORDANI SOIKA 1952b: 77 (tax., Ethiopia).
Eumenes (Delta) lepeletierii de SAUSSURE: GUIGLIA 1959: 313 (Somalia).
Delta lepeletierii (de SAUSSURE): GIORDANI SOIKA 1961b: 441 (tax., Namibia).
Delta lepeletierii (de SAUSSURE): GIORDANI SOIKA 1974a: 84 (tax., Socotra), 85 (figs 15, 16).
Delta lepeletierii (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).
Delta lepeletierii (de SAUSSURE): GIORDANI SOIKA 1982b: 203 (Ethiopia).
Delta lepeletierii lepeletierii (de SAUSSURE): GIORDANI SOIKA 1987b: 155 (Kenya).
Delta lepeletierii lepeletierii (de SAUSSURE): GIORDANI SOIKA 1989b: 57 (Burkina Faso, Senegal).
Delta lepeletierii (de SAUSSURE): GESS & GESS 1991: 81 (biol., South Africa).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 1992: 679 (Mali).
Eumenes lepeletieri de SAUSSURE: van VONDEL 1995: 24 (cat., Namibia).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 2002: 304 (Tanzania).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 2003: 172 (Tanzania).
Delta lepeletierii (de SAUSSURE): GESS & GESS 2003: 82 (biol., Namibia, South Africa), 298 (biol., Namibia), 307 (biol., Namibia), 321 (biol., Namibia), 338 (biol., South Africa), 357 (biol., Namibia), 406 (biol., South Africa), 446 (biol., South Africa), 481 (biol., Namibia), 483 (biol., Namibia).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 2004: 148 (Tanzania).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 2005: 412 (Burkina Faso).
Delta lepeletierii lepeletierii (de SAUSSURE): GUSENLEITNER 2006: 661 (Niger).

- **Eumenes granti* n.sp.: KIRBY 1900: 18 (descr. ♀, Socotra).
Eumenes granti KIRBY: KIRBY 1903: 246 (descr. ♀, Socotra), pl. 15 (fig. 5), pl. 15 (fig. 5).
Eumenes granti KIRBY: von DALLA TORRE 1904: 23 (cat.).
Eumenes granti KIRBY: KOHL 1906: 224 (tax., Socotra).
Eumenes granti KIRBY: BEQUAERT 1918: 77 (syn.).
Eumenes granti KIRBY: BEQUAERT 1928: 167 (tax.).

Distribution: Angola, Botswana, Burkina Faso, Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Mali, Mozambique, Namibia, Niger, Nigeria, Senegal, Socotra, Somalia, South Africa, Sudan, Tanzania (Tanzania, Zanzibar).

Known from the Palearctic Region.

***Delta lepeletierii formosum* (de SAUSSURE 1852)**

- Eumenes formosa* n.sp.: de SAUSSURE 1852: 55 (descr. (♀), "Congo").
Eumenes lepeletierii var. *formosa* de SAUSSURE: de SAUSSURE 1855: 130 (tax.), 131 (tax.).
Eumenes formosa de SAUSSURE: de DALLA TORRE 1894: 24 (cat.).
Eumenes formosa de SAUSSURE: von DALLA TORRE 1904: 22 (cat.).
Eumenes (Delta) campaniformis var. *formosus* de SAUSSURE: BEQUAERT 1926: 541 (key), 546 (tax., descr. ♀, Democratic Republic of Congo, Ethiopia, South Africa, Zimbabwe).
Eumenes (Delta) campaniformis var. *formosus* de SAUSSURE: BEQUAERT 1928: 167 (tax., "Congo").
Eumenes campaniformis var. *formosa* de SAUSSURE: GUIGLIA 1931: 159 (Eritrea).
Eumenes campaniformis var. *formosa* de SAUSSURE: GUIGLIA 1932: 120 (Eritrea, Ethiopia, Somalia, Sudan).
Delta lepeletierii formosum (de SAUSSURE): GIORDANI SOIKA 1982a: 212 (tax., Botswana, Namibia, South Africa, Zimbabwe).
**Eumenes lepeletieri* de SAUSSURE: SMITH 1857: 27 (cat. partim).
Eumenes lepeletieri var. *lepeletieri* de SAUSSURE: BEQUAERT 1918: 276 (cat. partim).
Eumenes campaniformis var. *lepeletieri* de SAUSSURE: GIORDANI SOIKA 1934a: 226 (sen. syn.).
**Eumenes caffer caffer* (LINNAEUS): BEQUAERT 1918: 56 (key), 69 (descr. ♂ ♀), 70 (figs 50-55), 71 (key), 72 (tax., Democratic Republic of Congo).

Distribution: Botswana, "Congo", Democratic Republic of Congo, Eritrea, Ethiopia, Namibia, Somalia, South Africa, Sudan, Zimbabwe.

***Delta lepeletierii meruense* (CAMERON 1910)**

- Eumenes meruensis* n.sp.: CAMERON 1910a: 175 (key), 176 (descr. ♀, Tanzania), 196 (cat.).
Delta lepeletierii ssp. *meruensis* (CAMERON): GIORDANI SOIKA 1961b: 441 (tax.).
**Eumenes lepeletieri* de SAUSSURE: MEADE-WALDO 1913: 51 (sen. syn.).
Eumenes lepeletieri de SAUSSURE: von SCHULTHESS 1913b: 14 (sen. syn.).
Eumenes lepeletieri var. *lepeletieri* de SAUSSURE: BEQUAERT 1918: 276 (cat. partim).

Distribution: Tanzania.

***Delta lepeletierii pilosellum* GIORDANI SOIKA 1982**

- Delta lepeletieri pilosellum* n.sp.: GIORDANI SOIKA 1982a: 212 (descr. ♂ ♀, Eritrea, Ethiopia, Kenya).
Delta lepeletieri pilosellum GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

Distribution: Eritrea, Ethiopia, Kenya.

Known from the Palearctic Region.

***Delta occidentale* GIORDANI SOIKA 1975**

Delta occidentale n.sp.: GIORDANI SOIKA 1975: 9 (descr. ♂ ♀, Chad, Ghana, Nigeria, Senegal), 11 (fig. 4).

Delta occidentale GIORDANI SOIKA: GIORDANI SOIKA 1979: 245 (Niger).

Delta occidentale GIORDANI SOIKA: MEDLER 1980: 476 (cat., Nigeria).

Delta occidentale GIORDANI SOIKA: GIORDANI SOIKA 1987b: 155 (Gambia).

Delta occidentale GIORDANI SOIKA: GIORDANI SOIKA 1989b: 56 (Burkina Faso, Cameroon, Nigeria, Senegal).

Delta occidentale GIORDANI SOIKA: GUSENLEITNER 1992: 679 (Mali, Togo).

Delta occidentale GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

Delta occidentale GIORDANI SOIKA: GUSENLEITNER 2000: 920 (Gambia).

Delta occidentale GIORDANI SOIKA: GUSENLEITNER 2005: 411 (Burkina Faso).

Delta occidentale GIORDANI SOIKA: GUSENLEITNER 2006: 661 (Niger).

Distribution: Burkina Faso, Cameroon, Chad, Gambia, Ghana, Mali, Niger, Nigeria, Senegal, Togo.

***Delta phthisicum* (GERSTÄCKER 1857)**

Eumenes phthisicus n.sp.: GERSTÄCKER 1857: 463 (descr. ♂, Mozambique).

Eumenes phthisicus GERSTÄCKER: GERSTÄCKER 1862: 463 (descr. ♂, Mozambique), pl. 30 (fig. 2).

Eumenes phthisicus GERSTÄCKER: de DALLA TORRE 1894: 28 (cat.).

Eumenes phthisicus GERSTÄCKER: von DALLA TORRE 1904: 24 (cat.).

Eumenes phthisicus GERSTÄCKER: von SCHULTHESS RECHBERG 1910a: 17 (cat.).

Eumenes phthisicus GERSTÄCKER: von SCHULTHESS 1913b: 14 (Tanzania).

Eumenes phthisicus GERSTÄCKER: BEQUAERT 1918: 283 (cat.).

Eumenes phthisicus GERSTÄCKER: SCHOUTEDEN 1919: 175 (Democratic Republic of Congo).

Eumenes (Delta) phthisicus GERSTÄCKER: BEQUAERT 1926: 487 (cat.), 492 (key), 531 (descr. ♂ ♀, Cameroon, Mozambique, South Africa, Zimbabwe), 533 (figs 9a-d).

Delta phthisicum (GERSTÄCKER): GIORDANI SOIKA 1961a: 243 (tax.).

Delta phthisicum (GERSTÄCKER): GIORDANI SOIKA 1961b: 440 (South Africa).

Delta phthisicum (GERSTÄCKER): MEDLER 1980: 476 (cat., Nigeria).

Delta phthisicum (GERSTÄCKER): GIORDANI SOIKA 1983: 148 (tax.).

Delta phthisicum (GERSTÄCKER): GIORDANI SOIKA 1989b: 58 (Burkina Faso, Senegal).

Delta phthisicum (GERSTÄCKER): GUSENLEITNER 1992: 679 (Ivory Coast).

Delta phthisicum (GERSTÄCKER): GUSENLEITNER 2002: 304 (Tanzania).

Delta phthisicum (GERSTÄCKER): GUSENLEITNER 2004: 148 (Tanzania).

**Eumenes erythrospila* n.sp.: CAMERON 1910a: 178 (Tanzania partim).

**Eumenes lepeletieri stuhlmanni* nov.var.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 18 (descr. ♀, Tanzania).

Eumenes lepeletieri var. *stuhlmanni* von SCHULTHESS RECHBERG: BEQUAERT 1918: 77 (key), 78 (tax., Democratic Republic of Congo), 278 (cat.).

Eumenes (Delta) lepeletieri var. *stuhlmanni* von SCHULTHESS RECHBERG: BEQUAERT 1926: 555 (key), 556 (cat.).

Eumenes campaniformis var. ? *stuhlmanni* von SCHULTHESS RECHBERG: GIORDANI SOIKA 1934a: 227 (tax.), 228 (cat.).

Eumenes lepeletieri var. *stuhlmanni* von SCHULTHESS RECHBERG: GIORDANI SOIKA 1983: 148 (syn.).

Distribution: Burkina Faso, Cameroon, Democratic Republic of Congo, Ivory Coast, Mozambique, Nigeria, Senegal, South Africa, Tanzania, Zimbabwe.

***Delta pseudodimidiatipenne* (GIORDANI SOIKA 1944)**

- Eumenes (Delta) pseudodimidiatipennis* n.sp.: GIORDANI SOIKA 1944: 166 (descr. ♀, Eritrea).
Eumenes pseudodimidiatipennis GIORDANI SOIKA: GIORDANI SOIKA 1973b: 37 (tax., Eritrea).
Delta pseudodimidiatipenne (GIORDANI SOIKA): GIORDANI SOIKA 1982b: 203 (Ethiopia).
Delta pseudodimidiatipenne (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 155 (Gambia).
Delta pseudodimidiatipenne (GIORDANI SOIKA): GIORDANI SOIKA 1989b: 58 (tax., Eritrea).
Delta pseudodimidiatipenne (GIORDANI SOIKA): BORSATO & RATTI 1999: 91 (cat.).

D i s t r i b u t i o n : Eritrea, Ethiopia, Gambia.

***Delta pulcherrimum pulcherrimum* (von SCHULTHESS RECHBERG 1910)**

- Eumenes maxillosus pulcherrimum* nov.var.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 18 (descr. ♀, Ost-Afrika vom Aequator bis Natal).
Eumenes maxillosus var. *pulcherrimum* (von SCHULTHESS RECHBERG): BEQUAERT 1918: 59 (key), 63 (fig. 49: map), 279 (cat.).
Eumenes maxillosus var. *pulcherrimum* (von SCHULTHESS RECHBERG): SCHOUTEDEN 1919: 174 (Democratic Republic of Congo).
Eumenes (Delta) campaniformis (?) var. *pulcherrimum* von SCHULTHESS RECHBERG: BEQUAERT 1926: 541 (key), 549 (tax., descr. ♂ ♀., South Africa).
Eumenes (Delta) maxillosus var. *pulcherrimum* von SCHULTHESS RECHBERG: BEQUAERT 1928: 168 (tax.).
Delta pulcherrimum pulcherimum (von SCHULTHESS RECHBERG): GIORDANI SOIKA 1982a: 209 (tax., South Africa, Tanzania).
 **Delta higletti* (MEADE-WALDO): GIORDANI SOIKA 1961b: 442 (sen. syn., South Africa).
 **Eumenes jansseii* n.sp.: CAMERON 1910b: 157 (descr. ♀, South Africa).
Eumenes jansseii CAMERON: BEQUAERT 1918: 276 (syn. of *Eumenes lepeletierii lepeletierii*).
Eumenes jansseii CAMERON: BEQUAERT 1926: 549 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, South Africa, Tanzania.

***Delta pulcherrimum nigrithorax* GIORDANI SOIKA 1982**

- Delta pulcherrimum nigrithorax* n.ssp.: GIORDANI SOIKA 1982a: 209 (descr. ♀, Democratic Republic of Congo, South Africa).
Delta pulcherrimum nigrithorax GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo, South Africa.

***Delta subfenestrale* (GIORDANI SOIKA 1939)**

- Eumenes (Delta) campaniformis subfenestralis* n.var.: GIORDANI SOIKA 1939b: 56 (descr. ♂, Guinea Bissau).
Eumenes campaniformis subfenestralis GIORDANI SOIKA: GIORDANI SOIKA 1973b: 19 (tax., Guinea Bissau).
Delta subfenestrale (GIORDANI SOIKA): GIORDANI SOIKA 1975: 11 (tax., descr. ♂, fig. 2, Central African Republic, Nigeria), 12 (fig. 6), 13 (fig. 8).
Delta subfenestrale (GIORDANI SOIKA): MEDLER 1980: 476 (cat., Nigeria).
Delta subfenestrale (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 155 (Gambia).
Delta subfenestrale (GIORDANI SOIKA): GIORDANI SOIKA 1989b: 57 (Burkina Faso).
Delta subfenestrale (GIORDANI SOIKA): GUSENLEITNER 1992: 679 (Mali).
Delta subfenestrale (GIORDANI SOIKA): BORSATO & RATTI 1999: 71 (cat.).
Delta subfenestralis (GIORDANI SOIKA): GUSENLEITNER 2005: 411 (Burkina Faso).

D i s t r i b u t i o n : Burkina Faso, Central African Republic, Gambia, Guinea Bissau, Mali, Nigeria.

***Delta tropicale* (de SAUSSURE 1852)**

- Eumenes tropicalis* n.sp.: de SAUSSURE 1852: 54 (descr. ♀, Senegal).
Eumenes tropica de SAUSSURE: SMITH 1857: 27 (cat.).
Eumenes tropicalis de SAUSSURE: de DALLA TORRE 1894: 32 (cat.).
Eumenes tropicalis de SAUSSURE: KOHL 1894: 343 (Cameroon).
Eumenes tropicalis de SAUSSURE: von DALLA TORRE 1904: 25 (cat.).
Eumenes tropicalis de SAUSSURE: TULLGREN 1904: 445 (Cameroon).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): von SCHULTHESS RECHBERG 1910a: 17 (cat.).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): von SCHULTHESS RECHBERG 1913a: 342 (Equatorial Guinea).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): von SCHULTHESS RECHBERG 1914: 291 (Cameroon).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): BEQUAERT 1918: 59 (key), 62 (fig. 63 (map), 69 (Democratic Republic of Congo), pl. 1 (fig. 3).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): SCHOUTEDEN 1919: 174 (Democratic Republic of Congo).
Eumenes (Delta) maxillosus var. *tropicalis* (de SAUSSURE): BEQUAERT 1926: 564 (key), 566 (Democratic Republic of Congo, Zimbabwe).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): von SCHULTHESS 1928: 97 (Central African Republic, Democratic Republic of Congo).
Eumenes (Delta) maxillosus var. *tropicalis* (de SAUSSURE): BEQUAERT 1928: 167 (tax., Sierra Leone).
Eumenes maxillosus var. *tropicalis* (de SAUSSURE): BERLAND 1953: 273 (tax., biol., Ivory Coast, Republic of Guinea).
Eumenes (Delta) tropicalis (de SAUSSURE): GIORDANI SOIKA 1957: 189 (tax.), 191 (tax.), 194 (tax.), 196 (fig. 6: map).
Delta maxillosus tropicalis (de SAUSSURE): GIORDANI SOIKA 1961a: 243 (tax.).
Delta tropicale (de SAUSSURE): GIORDANI SOIKA 1989b: 56 (Ivory Coast, Senegal).
Delta tropicale (de SAUSSURE): GUSENLEITNER 1992: 679 (Ivory Coast).
Delta tropicale (de SAUSSURE): GUSENLEITNER 1999: 367 (Ivory Coast).

Distribution: Cameroon, Central African Republic, Democratic Republic of Congo, Equatorial Guinea, Ivory Coast, Republic of Guinea, Senegal, Sierra Leone, Zimbabwe.

References

- BAEZ M., GARCIA A. & M. KOPONEN (2005): Hymenoptera. — In: ARECHVALETA M., ZURITA N., MARRERO M.C. & J.L. MARTIN (eds), Lista preliminar de especies silvestres de Cabo Verde (Hongos, Plantas y Animales Terrestres): 96-100.
- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — *Annals and Magazine of Natural History*, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1925): *Eumenes dyscherus* H. de SAUSSURE, a neotropical, not an African wasp, and other notes on synonymy (Hymenoptera. — *Bulletin of the Brooklyn Entomological Society* **20** (3): 134-140.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — *Annals of the South African Museum* **23** (3): 484-577.

- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — *Annals and Magazine of Natural History*, 10. series, **2** (7): 138-176.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935) **11**: 10 pp.
- BERG M.A. van den (1973): Natural enemies and diseases of *Cleora herbuloti* FLETCHER (Lepidoptera: Geometridae). — *Phytophylactica* **5** (4): 167-168.
- BERLAND L. (1950): Contribution a l'étude de l'Air (Mission L. CHOPPARD et A. VILLIERS): Hyménoptères Sphecoidea, Vespoidea, Ichneumonoidea. — *Mémoires de l'Institut Français d'Afrique Noire* **10** (Contribution a l'étude de l'Air): 294-301.
- BERLAND L. (1953): Hyménoptères vespiformes. — *Mémoires de l'Institut Française d'Afrique Noire* **19** (La Réserve Naturelle Intégrale du Mt. Nimba): 271-276.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — *Annals and Magazine of Natural History*, 7. series, **10** (57): 207-222.
- BINGHAM C.T. (1903): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — *Annals and Magazine of Natural History*, 7. series, **12** (67): 46-69.
- BINGHAM C.T. (1909): Ruwenzori Reports 13: Hymenoptera. — *Transactions of the Zoological Society of London* **19** (2): 179-183.
- BONELLI B. (1973a): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia. III. *Delta bonelli* GIORDANI SOIKA. — *Bollettino dell'Istituto Entomologia della Università degli Studi di Bologna* **30**: 219-224.
- BONELLI B. (1973b): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia. V. *Delta emarginatum* (L.). — *Bollettino dell'Istituto Entomologia della Università degli Studi di Bologna* **32**: 27-46.
- BONELLI B. (1975): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia. VIII. *Rhynchium marginellum* (F.) – *Delta fenestrata* (de SAUSSURE) – *Delta emarginatum* (L.) – *Delta bonellii* G. S. – *Ropalidia cincta* LEP. – *Polistes africanus* PAL. — *Bollettino dell'Istituto Entomologia della Università degli Studi di Bologna* **33**: 33-53.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- BRAUNS H. (1910-11): Biologisches über südafrikanische Hymenopteren. — *Zeitschrift für Wissenschaftliche Insektenbiologie* **6** (11): 384-387; (12): 445-447; **7** (1): 16-19; (3): 90-92; (4): 117-120; (7-8): 238-240.
- BUXTON D.R. (1937): Insects of the Lake Rudolf Rift Valley Expedition, 1934. – 1. Orders other than Coleoptera. — *Annals and Magazine of Natural History*, 10. series, **20** (120): 579-588.
- BUYSSON R. du (1908a): Voyage de M. René CHUDEAU du Sud-Algérien au Chad (1905-1906) (Hym.). — *Bulletin de la Société Entomologique de France* **1908** (8): 131-135.
- BUYSSON R. du (1908b): Note sur les Hyménoptères. — In: *Résultats scientifiques des Voyages en Afrique d'Edouard FOA*: 591-595.
- BUYSSON R. du (1908c): Hyménoptères, Orthoptères et Neuroptères. — In: CHEVALIER A., *Mission Chari-Lac Tchad (1902-1904)*: 706-709.
- BUYSSON R. du (1910): Hyménoptères de la Mauretanie. Hyménoptères I. — *Actes de la Société Linnéenne de Bordeaux* **64**: 227-232.
- BUYSSON R. du (1922): Vespides, Euménides, Masarides, Chrysidides, Scoliides. — In: *Voyage de M. Le Baron Maurice de ROTHSCHILD en Éthiopie et en Afrique Orientale Anglaise (1904-1905). Résultats Scientifiques. Animaux Articles* **2**: 964-982, pls lh3, 5, 8.

- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massasteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* **2** (3): 116-167.
- CHAPMAN R.F. (1959): Some observations on *Pachyoptalmus africa* CURRAN (Diptera: Calliphoridae), a parasite of *Eumenes maxillosus* DEGEER (Hymenoptera: Eumenidae). — *Proceedings of the Royal Entomological Society of London, Series A*, **34** (1-3): 1-6.
- CHRIST I.L. (1791): Naturgeschichte, Klassification und Nomenclatur der Insekten vom Bienen, Wespen und Ameisengeschlecht. — Frankfurt am Main (Hermannische Buchhandlung): 535 pp., 60 pls.
- COSTA A. (1864): Acquisiti fatti durante l'anno 1862. — *Annuario del Museo Zoologico della R. Università di Napoli* **2**: 8-94.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- DAY M.C. (1979): The species of Hymenoptera described by LINNAEUS in the genera *Sphex*, *Chrysis*, *Vespa*, *Apis* and *Mutilla*. — *Biological Journal of the Linnean Society* **12** (1): 45-84.
- DEGEER C. (1773): Memoires pour servir a l'Histoire des Insects. 3. — Stockholm (P. HESSELBERG): VIII, 696 pp. **not seen**
- DEGEER C. (1778): Memoires pour servir a l'Histoire des Insects. — Stockholm (P. HESSELBERG): III-XII, 950 pp, 49 pls.
- DESMAREST E. (1860): Annelés. — In: CHENU J.-C. (ed.), *Encyclopédie d'histoire naturelle ou traité complet de cette science d'après les travaux des naturalistes les plus éminents de tous les pays et de toutes les époques*. — Paris (MARESCO et Compagnie & Gustave HAVARD): 312 pp.
- DISTANT W.L. (1892): A Naturalist in the Transvaal. — London (R.H. PORTER): I-XVI, 277 pp.
- EMERY C., GRIBODO G. & J. KRIECHBAUMER (1894): Rassegna degl'Imenotteri raccolti nel Mozambico dal Cav. FORNASINI esistenti nel Museo Zoologico della R. Università di Bologna. — *Memorie della R. Accademia delle Scienze dell'Istituto di Bologna, serie V*, **4**: 45-90.
- FABRICIUS J.C. (1787): *Mantissa Insectorum*. I. — Kiel (C.G. PROFT): 348 pp.
- FABRICIUS J.C. (1793): *Entomologia Systematica emendata et aucta*. 2. — Kiel (C. G. Proft): 519 pp.
- FABRICIUS J.C. (1804): *Systema Piezatorum*. — Braunschweig (K. Reichard): III-XIV, 440 pp., 1-30.
- FOX W. (1896): The Hymenoptera collected by Dr. A. Donaldson SMITH in Northeast Africa. — *Proceedings of the Academy of Natural Sciences of Philadelphia* **1896**: 547-559.
- GERSTÄCKER A. (1857): Übersicht der von von PETERS in Mossambique gesammelten Hymenopteren aus den Familien der Apiarien und Vespiaren. — *Monatsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin* **1857**: 460-464.
- GERSTAECKER A. (1862): Hymenoptera. Hautflügler. — In: PETERS W.C., *Naturwissenschaftliche Reise nach Mossambique auf Befehl seiner Majestät des Königs FRIEDRICH WILHELM IV in den Jahren 1842 bis 1848 ausgeführt von Wilhelm C.H. PETERS*. Zoologie V. Insecten und Myriopoden. — Berlin (G. REIMER): 439-526, pl. 19-32.

- GERSTAECKER A. (1871): Beitrag zur Insektenfauna von Zanzibar. — Archiv für Naturgeschichte **37** (1): 345-363.
- GERSTAECKER A. (1873): Insecta. Hymenoptera. — In: PLEES A. von (ed.), Baron Carl Claus von der DECKEN's Reisen in Ost-Afrika. 3: Wissenschaftliche Ergebnisse. 2. Gliederthiere (Insekten, Arachniden, Myriopoden und Isopoden): 313-362, pls 13, 14.
- GESS F.W. & S.K. GESS (1991): A preliminary survey of the aculeate wasps and the bees of the lower reaches of the Nossob River Valley, Kalahari Gemsbok National Park, southern Africa. — Koedoe **34** (2): 77-88.
- GESS S.K. & F.W. GESS (1994): Potential pollinators of the Cape Group of Crotalariaeae (sensu POLHILL) (Fabales: Papilionaceae), with implications for seed production in cultivated rooibos tea. — African Entomology **2** (2): 97-106.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GESS S.K. & F.W. GESS (2006): Survey of Flower Visiting by Aculeate Wasps and Bees in the semi-arid to arid Areas of southern Africa. — Annals of the Eastern Cape Museums **5**: 1-51.
- GIORDANI SOIKA A. (1934a): *Labus* ed *Eumenes* nuovi o poco noti. — Memoria della Societa Entomologica Italiana **12**: 215-228.
- GIORDANI SOIKA A. (1934b): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — Annali del Museo Civico di Storia Naturale di Genova **56**: 367-381.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I, **82**: 18 pp.
- GIORDANI SOIKA A. (1939a): Materiali zoologici dell'Eritrea raccolti da G. MÜLLER durante la spedizione dell'Istituto Sieroterapico Milanese e conservati al Museo di Trieste Parte IV. Hymenoptera: Fossores, Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (11): 169-170.
- GIORDANI SOIKA A. (1939b): Risultati di raccolti imenotterologiche in Africa Orientale del Dr. P. MAGRETTI (1883). Aggiunte e correzioni agli Eumenidi. — Annali del Museo Civico di Storia Naturale di Genova **60**: 354-362.
- GIORDANI SOIKA A. (1939c): Raccolte Entomologiche del Dr. Alfredo ANDREINI in Eritrea. Vespidae e Sphegidae (Hymenoptera). — Memorie della Società Entomologica Italiana **18**: 95-105.
- GIORDANI SOIKA A. (1940): Missione Ittiologica in A.O.I. (1937-38). Hymenoptera: Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (18): 283-286.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — Atti dell'Istituto Veneto di Scienze, Lettere et Arti **103** (2): 149-178.
- GIORDANI SOIKA A. (1952a): Sulle caratteristiche biogeografiche della Palestina, Arabia ed Egitto, con un contributo alla conoscenza degli Zethini ed Eumenini della Palestina. — Bollettino del Museo Civico di Storia Naturale di Venezia **6** (1): 5-62.
- GIORDANI SOIKA A. (1952b): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1954): Contributo allo studio del popolamento del Sahara Centrale: Vespidi dell'Hoggar, Tassili n'Agger e Tibesti. — Bollettino del Museo Civico di Storia Naturale di Venezia **7**: 7-37.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Rwanda-Urundi (Mission P. BASILEWSKI 1953) XLII. Hymenoptera, Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie **36**: 362-367.

- GIORDANI SOIKA A. (1956): Studi di Ecologia e Biogeografia XV-XVIII. — Bollettino del Museo Civico di Storia Naturale di Venezia **9**: 11-25.
- GIORDANI SOIKA A. (1957): Biogeografia, evoluzione e systematica dei Vespidi solitari della Polinesia Meridionale. — Bollettino del Museo Civico di Storia Naturale di Venezia **10**: 183-221.
- GIORDANI SOIKA A. (1961a): Les lignées philetiques des *Eumenes* s.l. du globe (Hym. Vesp.). — Verhandlungen des XI. Internationalen Kongresses für Entomologie, Wien, 17. bis 25. August 1960, **1**: 240-245.
- GIORDANI SOIKA A. (1961b): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1968): Ergebnisse der zoologischen Nubien-Expedition 1962, Teil XXXVI. Eumenidae. — Annalen des Naturhistorischen Museums in Wien **72**: 527-528.
- GIORDANI SOIKA A. (1970): Contributo alla conoscenza degli Eumeninidi del Medio Oriente (Hym.). — Bollettino del Museo Civico di Storia Naturale di Venezia **20/21**: 27-183.
- GIORDANI SOIKA A. (1973a): Notulae vespilogicae XXXIV. Descrizione di una nuova specie etiopica del genere *Delta*. — Bollettino della Società Entomologica Italiana **105** (4-6): 72-75.
- GIORDANI SOIKA A. (1973b): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1974a): Eumenidi di Socotra ed Abd-el-Kuri. — Bollettino del Museo Civico di Storia Naturale di Venezia **25**: 69-85.
- GIORDANI SOIKA A. (1974b): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. — Bollettino della Società Entomologica Italiana **106** (5-7): 119-121.
- GIORDANI SOIKA A. (1974c): Prime ricerche sugli Eumenidi ipsobionti I – Caratteristichi generali degli Eumenidi ipsobionti del globo. — Redia **55**: 287-302.
- GIORDANI SOIKA A. (1975): Notulae vespilogicae - XXXVIII. Su alcuni Eumenidi dell'Africa occidentale. — Bollettino del Museo Civico di Storia Naturale di Venezia **27**: 7-14.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — Steenstrupia **4** (8): 125-129.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 235-246.
- GIORDANI-SOIKA A. (1982a): Contributo alla conoscenza dei *Delta* afrotropicali (Hymenoptera Eumenidae). — Memorie della Società Entomologica Italiana **60** (2): 209-213.
- GIORDANI SOIKA A. (1982b): Eumenidi raccolti dal Prof. BONELLI in Etiopia. — Bollettino del Museo Civico di Storia Naturale di Venezia **32**: 201-203.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GIORDANI SOIKA A. (1987a): Eumenidi raccolti a Bali e Borneo da T. HEDWUIST. — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 145-150.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 151-156.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.

- GIORDANI SOIKA A. (1992): Di alcuni Eumenidi nuovi o poco noti (Hymenoptera Vespoidea). — Lavori – Società Veneziana di Scienze Naturali **17**: 41-68.
- GMELIN F. (1777): *Onomatologia Historiae Naturalis Completa* 7: 930 pp.
- GMELIN F. (1790): *Caroli a LINNÉ systema naturae* 1 (5): 2225-3019.
- GRIBODO G. (1881): Spedizione Italiana nell'Africana equatoriale. Risultati zoologici. Imenotteri. — *Annali del Museo Civico di Storia Naturale di Genova* **16**: 226-269.
- GRIBODO G. (1884): Spedizione Italiana nell'Africa Equatoriale, risultati Zoologico imenotteri. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 277-323.
- GRIBODO G. (1895): Seconda contribuzione alla conoscenza della fauna Imenotterologica del Mozambico. — *Memorie della R.Accademia delle Scienze dell'Istituto di Bologna*, serie 5, **5**: 77-120.
- GUEINZIUS M. (1858): On the Habits of the Hymenoptera of Natal. — *Proceedings of the Entomological Society of London* **1857**: 9-11.
- GUÉRIN-MÉNEVILLE F.E. (1829-1844): *Iconographie du règne animal de G. CUVIER*. Tome I-III. — Paris, London (J.B. BAILLIÈRE).
- GUÉRIN-MENNEVILLE (1848): *Insectes*. — In: MINISTRE de la MARINE (ed.), *Voyage en Abyssinie exécutée pendant les années 1839, 1840, 1841, 1842, 1843 par une commission scientifique composée de MM. Théophile LEFEBVRE, Lieutenant de vaisseau, Chevalier de la Légion d'honneur, A. PETIT et QUARTIN-DILLON, Docteurs-Medecins, Naturalistes du Muséum, VIGNAUD, dessinateur*. 4. *Histoire Naturelle*. — *Zoologie* **6**: 242-398.
- GUIGLIA D. (1928): Di alcune specie d'Imenotteri raccolte dal Prof. Dott. PAOLI nella Somalia Italiana (1926). — *Annali del Museo Civico di Storia Naturale di Genova* **52**: 487-502.
- GUIGLIA D. (1931): Spedizione del Barone Raimondo FRANCHETTI in Dancalia. Imenotteri aculeati. — *Annali del Museo Civico di Storia Naturale di Genova* **55**: 157-164.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — *Memorie della Società Entomologica Italiana* **10**: 118-136.
- GUIGLIA D. (1938): Spedizione Zoologica del Marchese Saverio PATRIZI nel Basso Giuba e nell'Oltregiuba, Guigno-Agosto 1934. Imenotteri aculeati. — *Annali del Museo Civico di Storia Naturale di Genova* **58**: 182-188.
- GUIGLIA D. (1939a): Imenotteri aculeati raccolti in Eritrea e in Etiopia dal Ten. Colon. Dr. Giorgio INVREA. — *Memorie della Società Entomologica Italiana* **17**: 188-204.
- GUIGLIA D. (1939b): Missione al Lago Tana diretta de G. DAINELLI (1937) – Hymenoptera Aculeata. — *Memorie della Società Entomologica Italiana* **18**: 80-92.
- GUIGLIA D. (1939c): Hymenoptera. Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. — In: ZAVATTARI E. (ed.), *Missione Biologica nel paese dei Borana. Raccolte zoologiche* **3**: 45-77.
- GUIGLIA D. (1940a): Imenotteri aculeati (Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae, Apidae) raccolti in Africa Orientale dal Prof. G. RUSSO. — *Bollettino del Laboratorio di Zoologia Generale e Agraria della Facoltà Agraria in Portici* **31**: 274-292.
- GUIGLIA D. (1940b): Di alcune specie d'Imenotteri aculeati dell'Africa Orientale Italiana delle collezioni del Museo Civico di Storia Naturale di Trieste (Scoliidae, Vespidae, Pompilidae, Sphecidae, Apidae). — *Atti del Museo Civico di Storia Naturale di Trieste* **14** (19): 287-298.
- GUIGLIA D. (1959): Missione 1957 del Prof. G. SCORTECCI in Migiurtinia (Somalia settentrionale). Hymenoptera: Vespidae, Pompilidae, Sphecidae, Apidae. — *Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan* **98** (4): 310-319.

- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2000): Über Vespoidea aus Gambia (Hymenoptera, Vespidae, Eumenidae). — Linzer biologische Beiträge **32** (2): 917-921.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- HEYDEN L. v. (1868): Exotische *Xenos*-Arten. — Berliner Entomologische Zeitschrift **11** (3-4): 398.
- KIRBY W.F. (1900): Expedition to Sokotra XII: Descriptions of the New Species of Hymenoptera. — Bulletin of the Liverpool Museums **3** (1): 13-24.
- KIRBY W.F. (1903): Arthropoda. Insecta: Hymenoptera. — In: FORBES H.O. (ed.), The Natural History of Sokotra and Abd-El-Kuri: 233-260, pls 15, 16.
- KOHL F.F. (1893): Hymenopteren von Herrn Dr. Fr. STUHLMANN in Ostafrika gesammelt. — Jahrbuch der Hamburger Wissenschaftlichen Anstalten **10** (2): 179-191.
- KOHL F.F. (1894): Zur Hymenopterenfauna Afrikas. — Annalen des k.k. Naturhistorischen Hofmuseums in Wien **9** (3): 279-350.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse **71**: 169-301.
- LAMBORN W.A. (1914): The agricultural pests of the Southern Provinces, Nigeria. — Bulletin of Entomological Research **5** (3): 197-214, pls 17-25.
- LEDGER J. & A. BANNISTER (1979): African Insect Life. — Feltham (Country Life Books): 279 pp.
- LICHTENSTEIN A.H.H. (1796): Catalogus musei zoologici ditissimi Hamburgi. Sectio tertia: Insecta. — Hamburg: 202 pp. + 292 pp. **not seen**
- LINNAEUS C. (1758): Systema naturae I. — Stockholm (L. SALVIUS): 824 pp.
- LINNÉ C. von (1764): Museum Ludovicae Ulricaе Reginae: Insecta & Conchilia. — Stockholm (L. SALVIUS): 722 pp.
- LINNÉ C. a (1767) (12. ed.): Systema naturae, Tom. I. Pars II. — Stockholm (L. SALVIUS): 533-1327.
- LONGSTAFF G.B. (1911): Three weeks in Sudan. — Entomologist's Monthly Magazine, 2. series, **22** (May/June): 119-127; (August/September) 194-202.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN'S, GREEN & CO): VII-XX, 729 pp, 16 pls.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell'Africa orientale. Relazione preventiva. — Bullettino della Società Entomologica Italiana **50** (5): 241-253.

- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MAGRETTI P. (1892): Di alcune specie d'Imenotteri raccolte dall'Ing. L. BRICCHETTI ROBECCHI nel paese dei Somali. — Annali del Museo Civico di Storia di Genova **30**: 950-960.
- MAGRETTI P. (1895): Esplorazione nel Giuba e dei suoi affluenti compiuta dal Cap. V. BOTTEGO durante gli anni 1892-93 sotto gli auspicii della Società Geografica Italiana — Risultati zoologici 9: Hymenoptera. — Annali del Museo Civico di Storia Naturale di Genova, Serie 2, **35**: 151-173.
- MAGRETTI P. (1898): Imenotteri della seconda spedizione di Don Eugenio dei Principi RUSPOLI nei paesi Galla e Somali. — Annali del Museo di Storia Naturale di Genova, Serie 2, **19**: 25-56.
- MAGRETTI P. (1899): Imenotteri dell'ultima spedizione del Capitano BOTTEGO. — Annali del Museo di Storia Naturale di Genova, Serie 2, **19**: 583-612.
- MAIDL F. (1913): Ergebnisse der mit Subvention aus der Erbschaft TREITL unternommenen zoologischen Forschungsreise Dr. Franz WERNER's nach dem ägyptischen Sudan und nach Nord-Uganda XXIII: Verzeichnis der von Prof. Dr. Franz WERNER gesammelten Hymenopteren mit Ausnahme der Formiciden. — Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse, **122** (Abt. I): 557-563.
- MAINDRON M. (1882a): Histoire des Guêpes solitaires (Euméniens) de l'Archipel Indien et de la Nouvelle-Guinée 2^e Partie. Considérations générales. — Nidification. Mœurs. — Etc. — Annales de la Société Entomologique de France, 6^e série, 2, 2: 169-188, pl. 4.
- MAINDRON M. (1882b): Histoire des Guêpes solitaires (Euméniens) de l'Archipel Indien et de la Nouvelle-Guinée 3^e Partie. Catalogue des Euméniens de l'archipel Indien et des îles des Papous. — Annales de la Société Entomologique de France, 6^e série, 2, 3: 267-286, pl. 5.
- MARSHALL G.A.K. (1902): Common Warning Colours in South African Hymenoptera and the Mimicry of them by Insects of other Orders. — In: MARSHALL G.A.K., Five Years' Observations and Experiments (1896-1901) on the Bionomics of South African Insects, chiefly directed to the Investigation of Mimicry. — Transactions of the Entomological Society of London **1902** (3): 525-535, 571-573, pls 22, 23.
- MEADE-WALDO G. (1910): New Species of Diploptera in the Collection of the British Museum. Part I. — Annals and Magazine of Natural History, 8. series, **5** (25): 30-51.
- MEADE-WALDO G. (1913): New Species of Diploptera in the Collection of the British Museum. Part IV. — Annals and Magazine of Natural History, 8. series, **11** (61): 44-54.
- MEDLER J.T. (1980): Insects of Nigeria — Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- MENKE A.S. & L.A. STANGE (1986): *Delta campaniforme rendalli* (BINGHAM) and *Zeta argillaceum* (LINNAEUS) established in Southern Florida, and Comments on Generic Discretion in *Eumenes* s.l. (Hymenoptera: Vespidae: Eumeninae). — Florida Entomologist **69** (4): 697-702.
- MORICE F.D. & G. SZÉPLIGETI (1904): Hymenoptera aculeata from Egypt and the White Nile. — In: JÄGERSKIÖLD L.A. (ed.), Results of The Swedish Zoological Expedition to Egypt and the White Nile 1901 under the Direction of L.A. JÄGERSKIÖLD I (14): 11 pp.
- MÜLLER P.L.S. (1775): Des Ritters Carl von LINNÉ königlich Schwedischen Leibarztes vollständiges Natursystem nach der zwölften lateinischen Ausgabe und nach Einleitung des holländischen Houttuynischen Werks. Fünfter Teil: Von den Insekten. — Nürnberg G.N. RASPE): 761-1166.
- OLIVIER G.A. (1791-92): Encyclopedie methodique histoire naturelle. Insectes 6.— Paris (PANCKOUCKE): 704 pp.

- RADOSZKOWSKY O. (1876): Comte-rendu des Hyménoptères recueillis en Egypte et Abyssinie in 1873. — *Horae Societatis Entomologicae Rossicae* **12** (1): 111-116; (2): 117-150.
- RADOSZKOVSKY O. (1881): Hyménoptères. — *Journal de Ciencias Mathematicas, Physicas et Naturales* **31**: 197-221.
- RETZIUS S.I. (1783): Caroli DE GEER. Genera et species insectorum e generosissimi auctoris scriptis. Extraxit, digessit, latine quoad partem reddidit, et terminologiam insectorum Linneam addidit. — Leipzig (S.L. CRUSIUS): 220 pp, 32 pp Index.
- RISBEC J. (1950): La faune entomologique des cultures au Sénégal et au Soudan français. — Travaux du Laboratoire d'Entomologie du Secteur Soudanais de Recherches Agronomiques, Station expérimentale de M'Bambey (Senegal) et Section Technique d'Agriculture Tropicale du Ministère de la France d'Outre-Mer (Gouvernement Générale de l'Afrique Occidentale Française): 5-507.
- ROUBAUD E. (1911): Recherches biologiques sur les guêpes solitaires d'Afrique. — *Compte Rendus Hebdomadaires des Séances de l'Académie des Sciences (Paris)* **153**, 8: 476-480.
- ROUBAUD E. (1916): Recherches biologiques sur les guêpes solitaires et sociales d'Afrique. — *Annales Sciences Naturelles, Zoologie*, 10. série, **1**: 1-160.
- SALT G. (1927): Notes on the Strepsiptera and their hymenopterous hosts. — *Psyche* **34** (5): 182-192.
- SALT G. & J. BEQUAERT (1929): Stylized Vespidae. — *Psyche* **36** (3): 249-282.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Euméniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SCHLETTERER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — *Annales de la Société Entomologique de Belgique* **35**: 1-36.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — *Revue Zoologique Africaine* **6**: 171-189.
- SCHULTHESS RECHBERG A. von (1893): Die von Fürst RUSPOLI und Professor KELLER im Somaliland erbeuteten Hymenopteren. — *Entomologische Nachrichten* **19** (2): 17-20.
- SCHULTHESS-SCHINDLER A. de (1899): La faune entomologique du Delagoa. Hyménoptères. — *Bulletin de la Société Vaudoise des Sciences Naturelles* **35** (132): 249-277.
- SCHULTHESS RECHBERG A. von (1907): Vespiden von Madagaskar, den Comoren und Ostafrika. — In: VOELTZKOW A., Reise in Ostafrika in den Jahren 1903-1905 mit Mitteln der Hermann und Elise geb. HECKMANN WENTZEL-Stiftung ausgeführt. Wissenschaftliche Ergebnisse 2, Systematische Arbeiten: 63-73.
- SCHULTHESS RECHBERG A. von (1910a): Systematische Uebersicht der äthiopischen Eumenesarten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. — *Societas Entomologica* **25** (5): 17-19.
- SCHULTHESS RECHBERG A. von (1910b): Systematische Uebersicht der äthiopischen Eumenesarten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. Nachtrag. — *Societas Entomologica* **25** (6): 24.
- SCHULTHESS RECHBERG A. von (1913a): Zoologische Ergebnisse der Expedition des Herrn G. TESSMANN nach Süd-Kamerun und Spanisch-Guinea. — *Mitteilungen des Zoologischen Museums in Berlin* **6** (3): 337-350.
- SCHULTHESS A. von (1913b): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.

- SCHULTHESS RECHBERG A. von (1913c): Vespidae. — In: Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 unter Führung Adolf FRIEDRICHS, Herzog zu Mecklenburg, 4, Zoologie, 2: 291-296.
- SCHULTHESS RECHBERG A. von (1914): Hymenopteren aus Kamerun. Gesammelt von Herrn von ROTHKIRCH, Oberleutnant der Schutztruppe. — Deutsche Entomologische Zeitschrift 1914 (3): 283-297.
- SCHULTHESS A. von (1922a): Vespiden aus Südafrika (Hym.), gesammelt von Professor Dr. Leonhard SCHULTZE, Jena. — Deutsche Entomologische Zeitschrift 1922: 399-405.
- SCHULTHESS A. von (1922b): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse 98: 95-99.
- SCHULTHESS A. v. (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band 2 (2): 135-140.
- SCHULTHESS A. v. (1928): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana 10 (3-4): 95-100.
- SCHULTHESS A. de (1929): Voyage au Congo de S.A.R. le Prince LÉOPOLD de Belgique (1925). Hymenoptera. — I. Apides, Vespides, Sphégides Chrysidides, Scolides, Mutillides, Formicides. — Revue de Zoologie et Botaniques Africaines 17 (2): 184-190.
- SCHULZ W.A. (1905): Beiträge zur Kenntnis der Hymenopteren-Fauna Afrikas. — In: SCHULZ W.A., Hymenopterologische Studien. — Leipzig (Wilhelm ENGELMANN): 1-68.
- SCHULZ W.A. (1912): Aelteste und alte Hymenopteren skandinavischer Autoren. — Berliner Entomologische Zeitschrift 57 (1-2): 52-102.
- SCHUSTER L. (1911): *Eumenes maxillosus* DE GEER. — Zeitschrift für Wissenschaftliche Insektenbiologie 7: 27-28.
- SIÖDSTEDT Y. (1926): Zoological Results of the Swedish Expedition to Central Africa 1921. — Arkiv för Zoologi 18 (A, 23): 13 pp.
- SKAIFE S.H. (1953): African Insect Life. — Cape Town (LONGMANS, GREEN and Co): V-VIII, 387 pp.
- SMITH F. (1856): Nests of Hymenoptera of Port Natal. — Proceedings of the Entomological Society of London 1855: 128-130.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- SMITH F. (1860a): Descriptions of New Species of Hymenopterous Insects collected by Mr. A.R. WALLACE at Celebes. — Journal of the Proceedings of the Linnean Society, Zoology 5: 57-93.
- SMITH F. (1860b): Catalogue of Hymenopterous Insects collected by Mr. A.R. WALLACE in the islands of Bachian, Kaisaa, Amboyna, Gilolo and at Dory in New Guinea. — Journal of the Proceedings of the Linnean Society, Zoology 5: 93-143, pl. 1.
- SPINOLA M. (1838): Compte rendu des hyménoptères recueillis par M. FISCHER pendant son voyage en Égypte, et communiqués par M. le Docteur WALT. — Annales de la Société Entomologique de France 7 (3): 437-546.
- STADELMANN R. (1898): Die Hymenopteren Ostafrikas. — In: MOEBIUS K. (ed.), Die Tierwelt Ost-Afrikas und der Nachbargebiete 4 (3): 1-55.
- TAYLOR J.S. (1932): Report on Cotton Insect and Disease Investigations. Pt. 11. Notes on American Bollworm (*Heliothis obsoleta* Fab.) on Cotton and its Parasite *Microbracon brevicornis* Wesm. — Scientific Bulletin, Department of Agriculture, Republic of South Africa. (cited in RISBEC 1952) **not seen**

- TULLGREN A. (1904): On some Hymenoptera Aculeata from the Cameroons with an appendix: On some type-species of the genus *Scolia* and *Belenogaster* in the Royal Museum at Stockholm. — Arkiv for Zoologi **1** (21) 445-463, pls 22-25.
- VONDEL B.J. van (1995): Catalogue of the Hymenoptera in the Natuurmuseum Rotterdam; part I: Introduction & Aculeata of the Ethiopian, Oriental and Australian regions. — *Deinsea* **2**: 23-32.
- WALKER F. (1871): List of Hymenoptera collected by J.K. LORD, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. JANSON): 59 pp.
- WEAVING A.J.S. (1994): Nesting behaviour in three Afrotropical trap-nesting wasps, *Chalybion laevigatum* (KOHL), *Proepipona meadewaldoi* BEQUAERT and *Tricarinodynerus guerinii* (SAUSSURE) (Hymenoptera: Sphecidae, Eumenidae). — *Entomologist* **113** (3-4): 183-197.
- WEAVING A.J.S. (1995): A comparison of nesting success and nesting habits in some Afrotropical aculeate wasps, with particular reference to nest parasites (Hymenoptera: Sphecidae, Eumenidae). — *Annals of the Cape Provincial Museums (Natural History)* **19** (4): 181-224.
- WEBER F. (1801): Observationes entomologicae, continentes novorum quae condidit generum characteres, et nuper dedectarum specierum descriptiones. — Kiel (Akademie): IV-XII, 117 pp.
- ZAVATTARI E. (1907a): Di alcuni Imenotteri della Somalia Italiana. — *Bollettino dei Musei di Zoologia ed Anatomia Comparata di R. Università di Torino* **22** (548): 4 pp.
- ZAVATTARI E. (1907b): Imenotteri del Lago Moero. — *Bollettino dei Musei di Zoologia ed Anatomia Comparata di R. Università di Torino* **22** (555): 6 pp.
- ZAVATTARI E. (1911): Catalogo degli Eumenidi del Museo Zoologico di Napoli. — *Annuario del Museo Zoologico della R. Università di Napoli* **3** (19): 6 pp.

Genus *Ectopioglossa* PERKINS 1912

Description: PERKINS 1912: 118.

Typus generis: *Ectopioglossa australensis* PERKINS 1912.

Distribution: Australian, Ethiopian and Oriental Region.

Valid species: 3.

***Ectopioglossa advocata* (GIORDANI SOIKA 1944)**

Pareumenes advocatus n.sp.: GIORDANI SOIKA 1944: 159 (descr. ♂ ♀, Namibia, Zimbabwe).

Pareumenes advocatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Zimbabwe).

Ectopioglossa advocata (GIORDANI SOIKA): GIORDANI SOIKA 1989a: 19 (tax.).

Ectopioglossa advocata (GIORDANI SOIKA): GIORDANI SOIKA 1989b: 54 (tax.).

Ectopioglossa advocata (GIORDANI SOIKA): BORSATO & RATTI 1999: 65 (cat.).

D i s t r i b u t i o n : Namibia, Zimbabwe.

***Ectopioglossa borsatoi* GIORDANI SOIKA 1996**

Ectopioglossa borsatoi n.sp.: GIORDANI SOIKA 1996: 33 (descr. ♂, Kenya).

Ectopioglossa borsatoi GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

Ectopioglossa borsatoi GIORDANI SOIKA: GUSENLEITNER 2007: 963 (tax., descr. ♀, Kenya, Tanzania)

D i s t r i b u t i o n : Kenya, Tanzania.

***Ectopioglossa nigerrima* GIORDANI SOIKA 1989**

Ectopioglossa nigerrima n.sp.: GIORDANI SOIKA 1989b: 54 (descr. ♂, Gabon).

Ectopioglossa nigerrima GIORDANI SOIKA: GIORDANI SOIKA 1996: 34 (tax.).

Ectopioglossa nigerrima GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

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

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — Atti dell'Istituto Veneto di Scienze, Lettere et Arti **103** (2): 149-178.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GIORDANI SOIKA A. (1996): Notulae vespilogicae XLVIII. Descrizione di due nuovi Eumenidi afrotropicali. — Bollettino del Museo Civico di Storia Naturale di Venezia **45**: 33-34.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.

Genus *Elisella* GIORDANI SOIKA 1974

Description: GIORDANI SOIKA 1974: 132.

Typus generis: *Elisella lineae* GIORDANI SOIKA 1974.

Synonym: *Estiella* GIORDANI SOIKA 1992. **new synonym**

Distribution: Ethiopian Region.

Valid species: 1.

***Elisella lineae* GIORDANI SOIKA 1974**

Elisella lineae n.sp.: GIORDANI SOIKA 1974: 133 (typ. gen., descr. ♀, fig. 37, South Africa), 134 (pl. 2), 135 (pl. 3), 136 (figs 34-36).

Elisella lineae GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

Estiella pretiosa* n.sp.: GIORDANI SOIKA 1992: 42 (typ. gen., descr. ♂ ♀, South Africa), 43 (figs 1-3). **new synonym

Estiella pretiosa GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

D i s t r i b u t i o n : South Africa.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.

GIORDANI SOIKA A. (1974): Revisione della sottofamiglia Raphiglossinae. — Bollettino del Museo Civico di Storia Naturale di Venezia **25**: 107-146.

GIORDANI SOIKA A. (1992): Di alcuni Eumenidi nuovi o poco noti (Hymenoptera Vespoidea). — Lavori – Società Veneziana di Scienze Naturali **17**: 41-68.

Genus *Emeryrhynchium* GUSENLEITNER 2007

Description: GUSENLEITNER 2007: 93.

Typus generis: *Odynerus emeryanus* GRIBODO 1892.

Distribution: Ethiopian Region.

Valid species: 1.

***Emeryrhynchium emeryanus* (GRIBODO 1892)**

Odynerus emeryanus n.sp.: GRIBODO 1892: 293 (descr. ♀, Sierra Leone).

Odynerus emeryanus GRIBODO: de DALLA TORRE 1894: 66 (cat.).

Odynerus emeryanus GRIBODO: von DALLA TORRE 1904: 44 (cat.).

Odynerus emeryanus GRIBODO: MEADE-WALDO 1915: 489 (cat.).

Odynerus (Rygchium) emeryanus GRIBODO: BEQUAERT 1918: 133 (key), 162 (tax., descr. ♂ ♀, Democratic Republic of Congo), 297 (cat.).

Emeryrhynchium emeryanus GRIBODO: GUSENLEITNER 2007: 93 (tax., typ. gen., descr. ♀, Sierra Leone).

**Odynerus (Lionotus) benitensis* nov.spec.: von SCHULTHESS 1913a: 6 (descr. ♂ ♀, Equatorial Guinea).

Odynerus (Lionotus) benitensis nov.spec.: von SCHULTHESS RECHBERG 1913b: 348 (descr. ♂ ♀, Equatorial Guinea), 349 (figs 10-12).

Odynerus benitensis von SCHULTHESS: BEQUAERT 1918: 162 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Equatorial Guinea, Sierra Leone.

References

BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.

DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.

DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.

GRIBODO G. (1892): Contribuzioni imenotterologiche sopra alcune specie nuove o poco conosciute di imenotteri diplotteri nota IV. — Bullettino della Società Entomologica Italiana **23**: 242-300.

GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). — Linzer biologische Beiträge **39** (1): 83-95.

MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.

SCHULTHESS A. von (1913a): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.

SCHULTHESS RECHBERG A. von (1913b): Zoologische Ergebnisse der Expedition des Herrn G. TESSMANN nach Süd-Kamerun und Spanisch-Guinea. — Mitteilungen des Zoologischen Museums in Berlin 6 (3): 337-350.

Genus *Eumenes* LATREILLE 1802

Description: LATREILLE 1802: 360.
Typus generis: *Vespa coarctata* LINNAEUS 1758.
Distribution: All zoogeographical regions.
Subgenus: *Eumenes* LATREILLE 1802.
Valid species: 12.
Known subspecies: 5.

Eumenes (Eumenes) acuminatus de SAUSSURE 1855

Eumenes acuminatus n.sp.: de SAUSSURE 1855: 147 (descr. ♂, South Africa), pl. 8 (fig. 2).
Eumenes acuminata de SAUSSURE: SMITH 1857: 26 (cat.).
Eumenes acuminata de SAUSSURE: de DALLA TORRE 1894: 17 (cat.).
Eumenes acuminata de SAUSSURE: von DALLA TORRE 1904: 20 (cat.).
Eumenes acuminatus de SAUSSURE: BEQUAERT 1918: 274 (cat.).
Eumenes acuminata de SAUSSURE: du BUYSSON 1922: 972 (Kenya).
Eumenes (Eumenes) acuminatus de SAUSSURE: BEQUAERT 1926: 486 (cat.).
Eumenes acuminata de SAUSSURE: GUIGLIA 1929: 425 (figs b, c), 426 (tax.).
Eumenes acuminatus de SAUSSURE: GIORDANI SOIKA 1975: 68 (fig. 2), 73 (key), 77 (descr. ♂ ♀, Lesotho, South Africa, Zimbabwe), 78 (figs 11-14), 82 (fig. 19).
Eumenes acuminatus de SAUSSURE: GESS & GESS 2003: 83 (biol., South Africa), 329 (biol., South Africa), 338 (biol., South Africa), 371 (biol., South Africa), 453 (biol., South Africa), 488 (biol., South Africa).
**Eumenes (Eumenes) lucasius* de SAUSSURE (?): BEQUAERT 1926: 490 (key), 514 (descr. ♂ ♀, Democratic Republic of Congo, Mozambique, South Africa, Zimbabwe), 515 (figs 6a-c).

D i s t r i b u t i o n : Democratic Republic of Congo, Kenya, Lesotho, Mozambique, South Africa, Zimbabwe.

Eumenes (Eumenes) arnoldi BEQUAERT 1926

Eumenes (Eumenes) arnoldi n.sp.: BEQUAERT 1926: 486 (cat.), 491 (key), 517 (descr. ♀, South Africa), 518 (figs 7a-c).
Eumenes arnoldi BEQUAERT: GIORDANI SOIKA 1975: 71 (key), 72 (fig. 6), 92 (descr. ♂ ♀, Namibia, South Africa, Zimbabwe), 93 (figs 33-37).

D i s t r i b u t i o n : Namibia, South Africa, Zimbabwe.

Eumenes (Eumenes) capensis von SCHULTHESS RECHBERG 1910

Eumenes capensis nov.spec.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 18 (descr. ♂ ♀, South Africa).
Eumenes capensis von SCHULTHESS RECHBERG: BEQUAERT 1918: 276 (cat.).
Eumenes (Eumenes) capensis von SCHULTHESS RECHBERG: BEQUAERT 1926: 486 (cat.), 493, 524 (descr. ♂ ♀, South Africa).
Eumenes capensis von SCHULTHESS RECHBERG: GIORDANI SOIKA 1975: 72 (key), 74 (fig. 9), 98 (tax., Lesotho, South Africa), 99 (figs 48-53).
**Eumenes (Eumenidion) braunsianus* n.sp.: von SCHULTHESS 1913a: 2 (descr. ♂ ♀, South Africa).
Eumenes braunsianus von SCHULTHESS: BEQUAERT 1918: 275 (cat.).

Eumenes (Eumenes) braunsianus von SCHULTHESS: BEQUAERT 1926: 486 (cat.), 490 (key), 502 (descr. ♂ ♀, Lesotho, South Africa), 503 (figs 3a-d).

Eumenes braunsianus von SCHULTHESS: GIORDANI SOIKA 1961a: 241 (tax.).

Eumenes braunsianus von SCHULTHESS: GIORDANI SOIKA 1975: 98 (syn.).

D i s t r i b u t i o n : Lesotho, South Africa.

***Eumenes (Eumenes) fuelebornianus fuelebornianus* von SCHULTHESS RECHBERG 1910**

Eumenes fuelebornianus nov.spec.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 18 (descr. ♂ ♀, Tanzania (Tanzania, Zanzibar)).

Eumenes fuelebornianus von SCHULTHESS RECHBERG: BEQUAERT 1918: 276 (cat.).

Eumenes (Eumenes) fuelebornianus fuelebornianus von SCHULTHESS RECHBERG: BEQUAERT 1926: 486 (cat.), 490 (key), 509 (tax., Mozambique, Zimbabwe).

Eumenes fuelebornianus fuelebornianus von SCHULTHESS RECHBERG: GIORDANI SOIKA 1975: 68 (fig. 1), 71 (key), 74 (tax., Kenya, Mozambique, Tanzania, Uganda, Zimbabwe).

Eumenes fuelebornianus fuelebornianus von SCHULTHESS RECHBERG: MEDLER 1980: 476 (cat., Nigeria).

Eumenes fuelebornianus von SCHULTHESS RECHBERG: GUSENLEITNER 2002: 303 (Tanzania).

D i s t r i b u t i o n : Kenya, Mozambique, Nigeria, Tanzania (Tanzania, Zanzibar), Uganda, Zimbabwe.

***Eumenes (Eumenes) fuelebornianus langi* BEQUAERT 1918**

Eumenes langi n.sp.: BEQUAERT 1918: 56 (key), 84 (descr. ♀, Democratic Republic of Congo), 85 (figs 71-73), 276 (cat.).

Eumenes (Eumenes) fuelebornianus var. *langi* BEQUAERT: BEQUAERT 1926: 486 (cat. as *Eumenes langi*), 509 (tax., descr. ♂ ♀, Democratic Republic of Congo).

Eumenes fuelebornianus ssp. *langi* BEQUAERT: GIORDANI SOIKA 1955: 364 (Burundi).

Eumenes fuelebornianus langi BEQUAERT: GIORDANI SOIKA 1975: 71 (key), 76 (Guinea Bissau, Liberia, Democratic Republic of Congo).

Eumenes fuelebornianus langi BEQUAERT: GIORDANI SOIKA 1977: 127 (Cameroon, Liberia).

Eumenes fuelebornianus langi BEQUAERT: MEDLER 1980: 476 (cat., Nigeria).

Eumenes fuelebornianus langi BEQUAERT: GIORDANI SOIKA 1989: 60 (Gabon, Ivory Coast, Senegal).

Eumenes fuelebornianus langi BEQUAERT: GUSENLEITNER 1992: 680 (Ghana, Ivory Coast).

Eumenes fuelebornianus langi BEQUAERT: GUSENLEITNER 1999: 366 (Ivory Coast).

**Eumenes lucasius inobratus* n.var.: GIORDANI SOIKA 1934: 367 (descr. ♀, Guinea Bissau).

Eumenes lucasius ssp. *inobratus* GIORDANI SOIKA: GIORDANI SOIKA 1973: 9 (tax., Guinea Bissau).

Eumenes lucasius var. *inobratus* GIORDANI SOIKA: GIORDANI SOIKA 1975: 76 (syn.).

Eumenes lucasius var. *inobratus* GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

D i s t r i b u t i o n : Burundi, Cameroon, Democratic Republic of Congo, Gabon, Ghana, Guinea Bissau, Ivory Coast, Liberia, Nigeria, Senegal.

***Eumenes (Eumenes) gribodianus gribodianus* GUIGLIA 1933**

Eumenes gribodianus nom. nov.: GUIGLIA 1933: 366 (tax., Ethiopia).

Eumenes gribodianus gribodianus GUIGLIA: GIORDANI SOIKA 1975: 72 (key), 73 (key), 84 (fig. 25), 87 (descr. ♂ ♀, figs 26-28, Eritrea, Ethiopia, Kenya, Tanzania, Uganda).

Eumenes gribodianus gribodianus GUIGLIA: GUSENLEITNER 2003: 172 (Tanzania).

Eumenes gribodianus gribodianus GUIGLIA: GUSENLEITNER 2004: 147 (Tanzania).

**Eumenes acuminata* de SAUSSURE: GRIBODO 1884: 296 (descr. ♀, Ethiopia).

Eumenes acuminata de SAUSSURE: von SCHULTHESS RECHBERG 1910b: 24 (tax., Ethiopia).

**Eumenes lucasius* de SAUSSURE (?): BEQUAERT 1933 (In: BENSON et al.): 113 (Ethiopia).

Eumenes (Eumenes) lucasius de SAUSSURE: GIORDANI SOIKA 1952: 76 (Ethiopia).

**Eumenes gribodi* n.sp.: GUIGLIA 1929: 423 (descr. ♀, Ethiopia), 425 (figs a, d-f).

D i s t r i b u t i o n : Eritrea, Ethiopia, Kenya, Tanzania, Uganda.

***Eumenes (Eumenes) gribodianus abyssinicus* GIORDANI SOIKA 1975**

Eumenes gribodianus abyssinicus n.ssp.: GIORDANI SOIKA 1975: 73 (key), 89 (descr. ♂ ♀, Eritrea, Ethiopia).

Eumenes gribodianus abyssinicus GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : Eritrea, Ethiopia.

***Eumenes (Eumenes) guillarmodi* GIORDANI SOIKA 1975**

Eumenes guillarmodi n.sp.: GIORDANI SOIKA 1975: 68 (fig. 3), 73 (key), 80 (descr. ♂ ♀, Lesotho, South Africa), 81 (figs 15-17), 82 (fig. 18).

Eumenes guillarmodi GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

**Eumenes (Eumenes) acuminatus* de SAUSSURE: BEQUAERT 1926: 491 (key), 520 (descr. ♂ ♀, South Africa), 522 (figs 8a-d).

D i s t r i b u t i o n : Lesotho, South Africa.

***Eumenes (Eumenes) improvisus* GIORDANI SOIKA 1975**

Eumenes improvisus n.sp.: GIORDANI SOIKA 1975: 71 (key), 72 (fig. 6), 94 (descr. ♂ ♀, "Congo", Democratic Republic of Congo, Mozambique, Tanzania, Zambia), 95 (figs 38-42).

Eumenes improvisus GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

D i s t r i b u t i o n : "Congo", Democratic Republic of Congo, Mozambique, Tanzania, Zambia.

***Eumenes (Eumenes) lucasius* de SAUSSURE 1852**

Eumenes lucasia n.sp.: de SAUSSURE 1852: 68 (descr. ♂, Ethiopia).

Eumenes lucasia de SAUSSURE: SMITH 1857: 27 (cat.).

Eumenes lucasia de SAUSSURE: de DALLA TORRE 1894: 26 (cat.).

? *Eumenes lucasia* de SAUSSURE: BINGHAM 1902: 220 (South Africa).

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

? *Eumenes lucasia* de SAUSSURE: CAMERON 1910a: 175 (key), 178 (tax., Tanzania), 196 (cat.).

? *Eumenes lucasia* de SAUSSURE: CAMERON 1910b: 156 (South Africa), 160 (key).

Eumenes lucasius de SAUSSURE: von SCHULTHESS RECHBERG 1910b: 24 (tax., Ethiopia).

Eumenes lucasia de SAUSSURE: LONGSTAFF 1912: 214 (Zimbabwe).

? *Eumenes lucasius* de SAUSSURE: von SCHULTHESS 1913b: 14 (tax.).

Eumenes lucasius de SAUSSURE: BEQUAERT 1918: 278 (cat.).

Eumenes lucasia de SAUSSURE: du BUYSSON 1922: 972 (Kenya).

Eumenides (sic) *lucasius* de SAUSSURE: von SCHULTHESS 1923: 136 (Namibia).

Eumenes (Eumenes) lucasius de SAUSSURE: BEQUAERT 1926: 486 (cat.).

Eumenes lucasius de SAUSSURE: BEQUAERT 1928: 162 (tax., South Africa).

Eumenes lucasia de SAUSSURE: GUIGLIA 1932: 121 (Ethiopia).

Eumenes lucasius de SAUSSURE: GIORDANI SOIKA 1961a: 240 (tax.).

Eumenes lucasius de SAUSSURE: GIORDANI SOIKA 1961b: 442 (tax., South Africa).

Eumenes lucasius de SAUSSURE: GIORDANI SOIKA 1975: 70 (key, fig. 5), 89 (tax., descr. ♂ ♀, Djibouti, Eritrea, South Africa, Somalia, Sudan, Tanzania, Uganda, Zimbabwe), 90 (figs 29-32).

- Eumenes lucasius* de SAUSSURE: GESS 1981: 27 (biol., South Africa), 35 (biol.).
Eumenes lucasius de SAUSSURE: GIORDANI SOIKA 1989: 60 (Burkina Faso).
Eumenes lucasius de SAUSSURE: GUSENLEITNER 2002: 304 (Tanzania).
Eumenes lucasius de SAUSSURE: GUSENLEITNER 2003: 171 (Kenya).
Eumenes lucasius de SAUSSURE: GESS & GESS 2003: 83 (biol., South Africa), 329 (biol., South Africa), 338 (biol., South Africa), 379 (biol., South Africa).
Eumenes lucasius de SAUSSURE: GUSENLEITNER 2004: 171 (Tanzania).
**Rethus* (sic) *broomi* sp.nov.: CAMERON 1904: 110 (descr. ♂, South Africa).
Rethus broomi CAMERON: CAMERON 1910a: 156 (syn.).
Zethus broomi CAMERON: MEADE-WALDO 1914 (In: MEADE-WALDO & MORLEY): 404 (syn.).
Zethus broomi CAMERON: BEQUAERT 1928: 162 (syn.).
Rethus broomi CAMERON: GIORDANI SOIKA 1975: 89 (syn.).
**Eumenes erythrospila* n.sp.: CAMERON 1910a: 178 (Tanzania partim).
**Eumenes (Eumenes) oculihirtus* n.sp.: BEQUAERT 1926: 486 (cat.), 490 (key), 511 (descr. ♂ ♀, South Africa, Zimbabwe), 512 (figs 5a-c).
Eumenes (Eumenes) oculihirtus BEQUAERT: GIORDANI SOIKA 1940: 283 (Ethiopia).
Eumenes oculihirtus BEQUAERT: GIORDANI SOIKA 1975: 89 (syn.).
**Eumenes schultzeanus* n.sp.: von SCHULTHESS RECHBERG 1910a: 17 (cat.), 19 (descr. ♂ ♀, Botswana, South Africa, Tanzania (Tanzania, Zanzibar)).
Eumenes schultzeanus von SCHULTHESS RECHBERG: von SCHULTHESS RECHBERG 1910b: 24 (syn.).
Eumenes schultzeanus von SCHULTHESS RECHBERG: GIORDANI SOIKA 1975: 89 (syn.).
- D i s t r i b u t i o n :** Botswana, Burkina Faso, Djibouti, Eritrea, Ethiopia, Kenya, Namibia, Somalia, South Africa, Sudan, South Africa, Tanzania (Tanzania, Zanzibar), Uganda, Zimbabwe.

***Eumenes (Eumenes) mediterraneus mediterraneus* (KRIECHBAUMER 1879)**

- Eumenes mediterraneus mediterraneus* (KRIECHBAUMER): GIORDANI SOIKA 1983: 153 (tax.).
**Labus superbus* n.sp.: MEADE-WALDO 1910: 36 (descr. ♂, Sudan).
Labus superbus MEADE-WALDO: BEQUAERT 1918: 274 (cat.).
Labus superbus MEADE-WALDO: BEQUAERT 1926: 486 (cat.), 160 (tax.), 491 (key), 501 (syn. of *Eumenes pomiformis*, descr. ♂ ♀, Sudan).
Eumenes mediterraneus superbus (MEADE-WALDO): BLÜTHGEN 1955: 411 (tax.).
Labus superbus MEADE-WALDO: GIORDANI SOIKA 1983: 153 (syn.).
- D i s t r i b u t i o n :** Sudan.
- Known from the Palearctic Region.

***Eumenes (Eumenes) micropunctatus micropunctatus* GIORDANI SOIKA 1975**

- Eumenes micropunctatus micropunctatus* n.sp.: GIORDANI SOIKA 1975: 70 (fig. 4), 73 (key), 74 (key), 82 (figs 20, 21), 83 (descr. ♂ ♀, Malawi), 84 (figs 22-25).
Eumenes micropunctatus GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).
- D i s t r i b u t i o n :** Malawi.

***Eumenes (Eumenes) micropunctatus flavolimbatus* GIORDANI SOIKA 1975**

- Eumenes micropunctatus flavolimbatus* n.ssp.: GIORDANI SOIKA 1975: 73 (key), 85 (descr. ♂ ♀, Kenya, Tanzania).
Eumenes micropunctatus flavolimbatus GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).
- D i s t r i b u t i o n :** Kenya, Tanzania.

***Eumenes (Eumenes) micropunctatus kenyaensis* GIORDANI SOIKA 1975**

Eumenes micropunctatus kenyaensis n.ssp.: GIORDANI SOIKA 1975: 73 (key), 86 (descr. ♂ ♀, Kenya).

Eumenes micropunctatus kenyaensis GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

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

***Eumenes (Eumenes) micropunctatus usambaraensis* GIORDANI SOIKA 1975**

Eumenes micropunctatus usambaraensis n.ssp.: GIORDANI SOIKA 1975: 73 (key), 85 (descr. ♂, Tanzania).

Eumenes micropunctatus usambaraensis GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

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

***Eumenes (Eumenes) peringyanus* von SCHULTHESS 1913**

Eumenes péringyanus n.sp.: von SCHULTHESS 1913a: 2 (descr. ♀, South Africa).

Eumenes peringyanus von SCHULTHESS: BEQUAERT 1918: 283 (cat.).

Eumenes (Eumenes) peringyanus von SCHULTHESS: BEQUAERT 1926: 486 (cat.), 490 (key), 505 (descr. ♂ ♀, South Africa), 507 (figs 4a-d).

Eumenes peringyanus von SCHULTHESS: GIORDANI SOIKA 1975: 70 (key), 72 (fig. 8), 96 (tax., Namibia, South Africa), 97 (figs 43-47).

D i s t r i b u t i o n : Namibia, South Africa.

***Eumenes (Eumenes) signicornis* WALKER 1871**

Eumenes signicornis n.sp.: WALKER 1871: 30 (descr. ♂, Eritrea).

Eumenes signaticornis (sic) WALKER: de DALLA TORRE 1894: 32 (cat.: Egypt = Eritrea).

Eumenes signaticornis (sic) WALKER: von DALLA TORRE 1904: 25 (cat: Egypt = Eritrea).

Eumenes signaticornis (sic) WALKER: von SCHULTHESS RECHBERG 1910a: 17 (cat.).

Eumenes signicornis WALKER: BEQUAERT 1918: 283 (cat.).

Eumenes signicornis WALKER: BEQUAERT 1926: 493 (tax.), 575 (tax., descr. ♂, Eritrea).

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

References

- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — *Annals and Magazine of Natural History*, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — *Annals of the South African Museum* **23** (3): 484-577.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — *Annals and Magazine of Natural History*, 10. series, **2** (7): 138-176.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — *Annals and Magazine of Natural History*, 7. series, **10** (57): 207-222.

- BLÜTHGEN P. (1955): Weitere Beiträge zur Synonymie der paläarktischen Faltenwespen (Hym., Vespidae). — Mitteilungen der Münchner Entomologischen Gesellschaft **54-55** (2): 397-417.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- BUYSSON R. du (1922): Vespides, Euménides, Masarides, Chrysidides, Scoliides. — In: Voyage de M. Le Baron Maurice de ROTHSCHILD en Éthiopie et en Afrique Orientale Anglaise (1904-1905). Résultats Scientifiques. Animaux Articles **2**: 964-982, pls lh3, 5, 8.
- CAMERON P. (1904): Descriptions of three new species of Hymenoptera from Pearston, South Africa. — Records of the Albany Museum **1** (2): 109-111.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.): Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — Annals of the Transvaal Museum **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GESS F.W. (1981): Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa. — Annals of the Cape Provincial Museums (Natural History) **14** (1): 1-80.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1934): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — Annali del Museo Civico di Storia Naturale di Genova **56**: 367-381.
- GIORDANI SOIKA A. (1940): Missione Ittiologica in A.O.I. (1937-38). Hymenoptera: Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (18): 283-286.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie **36**: 362-367.
- GIORDANI SOIKA A. (1961a): Les lignées philetiques des *Eumenes* s.l. du globe (Hym. Vesp.). — Verhandlungen des XI. Internationalen Kongresses für Entomologie, Wien, 17. bis 25. August 1960, **1**: 240-245.
- GIORDANI SOIKA A. (1961b): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1975): Ricerche sugli Ipsobionti III. — Gli *Eumenes* della Regione Etiopica. — Bollettino del Museo Civico di Storia Naturale di Venezia **27**: 67-101.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — Steenstrupia **4** (8): 125-129.
- GIORDANI SOIKA A. (1983): Revisione del genere *Micreumenes* ASHM. (Hym. Vesp.). — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 153-175.

- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauaniques de Gembloux **20**: 23-67.
- GRIBODO G. (1884): Spedizione Italiana nell'Africa Equatoriale, risultati Zoologico imenotteri. — Annali del Museo Civico di Storia Naturale di Genova **21**: 277-323.
- GUIGLIA D. (1929): Una nuova specie Africana del genere *Eumenes*. — Annali del Museo Civico di Storia Naturale di Genova **52**: 422-426.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — Memorie della Società Entomologica Italiana **10**: 118-136.
- GUIGLIA D. (1933): Su tre specie d'Imenotteri della Cyrenaica e su due casi di omonimia. — Annali del Museo Civico di Storia Naturale di Genova **56**: 358-366.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN'S, GREEN & Co): VII-XX, 729 pp, 16 pls.
- MEADE-WALDO G. (1910): New Species of Diploptera in the Collection of the British Museum. Part I. — Annals and Magazine of Natural History, 8. series, **5** (25): 30-51.
- MEADE-WALDO G. & C. MORLEY (1914): Notes and Synonymy of Hymenoptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **14** (83): 402-410.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Eumèniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SCHULTHESS RECHBERG A. von (1910a): Systematische Uebersicht der äthiopischen Eumenesarten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. — Societas Entomologica **25** (5): 17-19.
- SCHULTHESS RECHBERG A. von (1910b): Systematische Uebersicht der äthiopischen Eumenesarten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. Nachtrag. — Societas Entomologica **25** (6): 24.
- SCHULTHESS A. von (1913a): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.
- SCHULTHESS A. von (1913b): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — Arkiv för Zoologi **8** (2-3: 17): 24 pp.

SCHULTHESS A. von (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band 2 (2): 135-140.

SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

WALKER F. (1871): List of Hymenoptera collected by J.K. LORD, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. JANSON): 59 pp.

Genus *Eumenidiopsis* GIORDANI SOIKA 1939

Description: GIORDANI SOIKA 1939: 87.

Typus generis: *Leptomenes subtilis* GIORDANI SOIKA 1939.

Distribution: Ethiopian Region.

Valid species: 8.

***Eumenidiopsis astutus* (KOHL 1906)**

Labus astutus n.sp.: KOHL 1906: 230 (descr. ♀, South Africa), 244 (key), pls 4 (fig. 17), 6 (figs 2, 24).

Pachymenes astutus (KOHL): BEQUAERT 1918: 283 (tax., cat.).

Leptomenes (*Leptomenes*) *astutus* (KOHL): GIORDANI SOIKA 1939: 88 (tax.).

Leptomenes (*Eumenidiopsis*) *astutus* (KOHL): GIORDANI SOIKA 1941: 189 (tax., descr. ♀, South Africa), 190 (figs 12.1-3).

Labus astutus (KOHL): GIORDANI SOIKA 1977: 108 (tax.).

Leptomenes astutus (KOHL): MEDLER 1980: 476 (cat., Nigeria).

D i s t r i b u t i o n : Nigeria, South Africa.

***Eumenidiopsis bacilliformis* (GIORDANI SOIKA 1940)**

Leptomenes (*Eumenidiopsis*) *bacilliformis* n.sp.: GIORDANI SOIKA 1940: 271 (descr. ♀, figs II. 1-4, South Africa).

Leptomenes bacilliformis GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).

Eumenidiopsis bacilliformis (GIORDANI SOIKA): GIORDANI SOIKA 1977: 147 (key), 151 (tax., descr. ♂, South Africa).

Eumenidiopsis bacilliformis (GIORDANI SOIKA): BORSATO & RATTI 1999: 68 (cat.).

Eumenidiopsis bacilliformis (GIORDANI SOIKA): GESS & GESS 2003: 83 (biol., South Africa), 327 (biol., South Africa).

Eumenidiopsis bacilliformis (GIORDANI SOIKA): GESS & GESS 2006: 14 (biol., South Africa).

D i s t r i b u t i o n : South Africa.

***Eumenidiopsis jacoti* GIORDANI SOIKA 1977**

Eumenidiopsis jacoti n.sp.: GIORDANI SOIKA 1977: 146 (key), 147 (key), 150 (descr. ♂ ♀, South Africa).

Eumenidiopsis jacoti GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

Eumenidiopsis jacoti GIORDANI SOIKA: GUSENLEITNER 2001: 246 (tax., key, South Africa).

D i s t r i b u t i o n : South Africa.

***Eumenidiopsis mixtus* (GIORDANI SOIKA 1943)**

- Leptomenes (Leptomenes) mixtus* n.sp.: GIORDANI SOIKA 1943: 32 (descr. ♂, Namibia).
Leptomenes (Leptomenes) mixtus GIORDANI SOIKA: GIORDANI SOIKA 1973: 34 (tax., Namibia).
Eumenidiopsis mixtus (GIORDANI SOIKA): GIORDANI SOIKA 1977: 146 (key), 147 (key), 149 (tax., descr. ♀, Namibia, South Africa).
Eumenidiopsis mixtus (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (cat.).

D i s t r i b u t i o n : Namibia, South Africa.

***Eumenidiopsis nigrinus* (KOHL 1906)**

- Labus nigrinus* n.sp.: KOHL 1906: 228 (descr. ♀, South Africa), 244 (key), pl. 6 (figs 6, 21).
Pachymenes nigrinus (KOHL): BEQUAERT 1918: 284 (tax., cat.).
Labus spec. vic. nigrito KOHL: von SCHULTHESS 1928: 98 (Democratic Republic of Congo).
Leptomenes (Leptomenes) nigrinus (KOHL): GIORDANI SOIKA 1939: 88 (tax.).
Leptomenes (Eumenidiopsis) nigrinus (KOHL): GIORDANI SOIKA 1941: 193 (tax., descr. ♀, figs 14.1-6, South Africa).
Eumenidiopsis nigrinus (KOHL): GIORDANI SOIKA 1977: 147 (key), 151 (tax., South Africa).

D i s t r i b u t i o n : Democratic Republic of Congo (?), South Africa.

***Eumenidiopsis nitens* (GIORDANI SOIKA 1939)**

- Leptomenes (Eumenidiopsis) nitens* n.sp.: GIORDANI SOIKA 1939: 88 (descr. ♀, Namibia), 89 (figs 2.1-4).
Leptomenes nitens GIORDANI SOIKA: GIORDANI SOIKA 1973: 20 (tax., Namibia).
Eumenidiopsis nitens (GIORDANI SOIKA): GIORDANI SOIKA 1977: 146 (key), 147 (key), 148 (tax., Namibia).
Eumenidiopsis nitens (GIORDANI SOIKA): BORSATO & RATTI 1999: 87 (cat.).
**Leptomenes (Eumenidiopsis) planifrons* n.sp.: GIORDANI SOIKA 1939: 89 (descr. ♂, Namibia), 90 (figs 3.1-5).
Leptomenes planifrons GIORDANI SOIKA: GIORDANI SOIKA 1973: 20 (tax., Namibia).
Leptomenes planifrons GIORDANI SOIKA: GIORDANI SOIKA 1977: 148 (syn.).
Leptomenes (Eumenidiopsis) planifrons GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

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

***Eumenidiopsis striativentris* (GIORDANI SOIKA 1940)**

- Leptomenes (Eumenidiopsis) striativentris* n.sp.: GIORDANI SOIKA 1940: 269 (descr. ♀ = ♂, South Africa), 270 (fig. I.1-3).
Leptomenes striativentris GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).
Eumenidiopsis striativentris (GIORDANI SOIKA): GIORDANI SOIKA 1977: 146 (key), 147 (key), 148 (tax., descr. ♀, fig. 20, South Africa).
Eumenidiopsis striativentris (GIORDANI SOIKA): BORSATO & RATTI 1999: 96 (cat.).

D i s t r i b u t i o n : South Africa.

***Eumenidiopsis subtilis* (GIORDANI SOIKA 1939)**

- Leptomenes (Eumenidiopsis) subtilis* n.sp.: GIORDANI SOIKA 1939: 87 (typ. subgen.), 91 (descr. ♂ ♀, South Africa), 92 (figs 4.1-5).
Leptomenes subtilis GIORDANI SOIKA: GIORDANI SOIKA 1961: 443 (South Africa).
Leptomenes subtilis GIORDANI SOIKA: GIORDANI SOIKA 1973: 20 (tax., South Africa).

Eumenidiopsis subtilis (GIORDANI SOIKA): GIORDANI SOIKA 1977: 144 (fig. 19), 146 (key), 147 (key), 149 (tax., South Africa).

Eumenidiopsis subtilis (GIORDANI SOIKA): BORSATO & RATTI 1999: 96 (cat.).

D i s t r i b u t i o n : South Africa.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GESS S.K. & F.W. GESS (2006): Survey of Flower Visiting by Aculeate Wasps and Bees in the semi-arid to arid Areas of southern Africa. — Annals of the Eastern Cape Museums **5**: 1-51.
- GIORDANI SOIKA A. (1939): Sul genere *Pachymenes* e descrizione di un nuovo genere e di nuove specie (Hym. Vespidae). — Memorie della Società Entomologica Italiana **17**: 85-96.
- GIORDANI SOIKA A. (1940): Descrizione di nuove specie appartenenti al genere *Leptomenes* (Hym. Vespidae). — Memorie della Società Entomologica Italiana **18** (2): 268-282.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1943): Nuovi Vespidi mediterranei ed etiopici appartenenti ai generi *Eumenes*, *Leptomenes*, *Odynerus* e *Pterochilus*. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **3**: 29-42.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1977): Sui generi *Leptomenes* G.S., *Stroudia* GRIB. ed *Eumenidiopsis* G.S. (Hym., Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **28**: 105-151.
- GUSENLEITNER J. (2001): Über Eumeniden aus verschiedenen Gebieten des äthiopischen Afrika (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **33** (1): 243-255.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse **71**: 169-301.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- SCHULTHESS A. v. (1928): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.

Genus *Euodynerus* von DALLA TORRE 1904

Description: von DALLA TORRE 1904: 38.

Typus generis: *Vespa dantici* ROSSI 1790.

Distribution: Australian, Ethiopian, Nearctic, Oriental and Palearctic Region.

Subgenus: *Euodynerus* von DALLA TORRE 1904.

Valid species: 7.

Known subspecies: 1.

***Euodynerus (Euodynerus) albomaculatus* GUSENLEITNER 2000**

Euodynerus albomaculatus nov.spec.: GUSENLEITNER 2000: 67 (descr. ♂, Cape Verde).

Euodynerus albomaculatus GUSENLEITNER: BAEZ, GARCIA & KOPONEN 2005: 98 (cat.).

D i s t r i b u t i o n : Cape Verde (Santo Antao).

***Euodynerus (Euodynerus) fabulosus* GIORDANI SOIKA 1979**

Euodynerus fabulosus n.sp.: GIORDANI SOIKA 1979: 241 (descr. ♀, Niger), 242 (figs 6, 7).

Euodynerus fabulosus GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

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

***Euodynerus (Euodynerus) infinitus* GUSENLEITNER 2007**

Euodynerus (Euodynerus) infinitus nov.sp.: GUSENLEITNER 2007: 959 (descr. ♂ ♀, Ethiopia, Kenya), 967 (figs 4, 5).

D i s t r i b u t i o n : Ethiopia, Kenya.

***Euodynerus (Euodynerus) niloticus niloticus* (de SAUSSURE 1855)**

Rhynchium niloticum n.sp.: de SAUSSURE 1855: 181 (descr. ♀, Ethiopia).

Rhynchium niloticum n.sp.: de SAUSSURE 1856: pl. 16 (fig. 8).

Rhynchium niloticum de SAUSSURE: SMITH 1857: 47 (cat.).

Rhynchium niloticum de SAUSSURE: de SAUSSURE 1862: 189 (tax.).

Rhynchium niloticum de SAUSSURE: de DALLA TORRE 1894: 47 (cat.).

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

Rhynchium niloticum de SAUSSURE: ZAVATTARI 1911: 4 (Eritrea).

Rhynchium niloticum de SAUSSURE: LONGSTAFF 1911: 119 (Sudan), 125 (Sudan).

Rhynchium niloticum de SAUSSURE: LONGSTAFF 1912: 411 (Sudan), 423 (Sudan).

Odynerus (Rygchium) niloticus (de SAUSSURE): BEQUAERT 1918: 307 (tax., cat.).

Rhynchium niloticum de SAUSSURE: von SCHULTHEß 1928a: 309 (key).

Rhynchium niloticum de SAUSSURE: GUIGLIA 1932: 122 (Eritrea).

Odynerus (Rhynchium) niloticus de SAUSSURE: GIORDANI SOIKA 1934: 64 (key), 65 (tax., Eritrea, Ethiopia).

Odynerus (Rhynchium) niloticus (de SAUSSURE): GIORDANI SOIKA 1940: 472 (Sudan).

Euodynerus niloticus niloticus (de SAUSSURE): GIORDANI SOIKA 1968: 527 (Sudan).

Euodynerus niloticus niloticus (de SAUSSURE): GIORDANI SOIKA 1974: 80 (tax.).

D i s t r i b u t i o n : Eritrea, Ethiopia, Sudan.

Known from the Palearctic Region.

***Euodynerus (Euodynerus) niloticus ebneri* (von SCHULTHESS 1920)**

Odynerus ebneri n.sp.: von SCHULTHESS 1920: 2 (descr. ♂, Sudan).

Lionotus ebneri nov.spec.: von SCHULTHESS 1922: 98 (descr. ♂, Sudan).

Odynerus ebneri von SCHULTHESS: von SCHULTHEB 1928a: 309 (key), 334 (descr. ♂ ♀, fig. 22).

Odynerus (Lionotus) ebneri von SCHULTHESS: von SCHULTHESS 1928b: 405 (key), 406 (descr. ♂ ♀, Sudan), 407 (fig. 2).

Odynerus (Rhynchium) niloticus var. *ebneri* von SCHULTHESS: GIORDANI SOIKA 1934: 66 (tax., Eritrea).

Euodynerus niloticus ebneri (von SCHULTHESS): GIORDANI SOIKA 1974: 80 (tax., Socotra).

**Rhynchium niloticum* de SAUSSURE: KOHL 1906: 250 (tax., Socotra).

Odynerus (Rhynchium) niloticus (de SAUSSURE): GIORDANI SOIKA 1934: 65 (Socotra).

Pseudepipona (Euodynerus) nilotica (de SAUSSURE): GIORDANI SOIKA 1954: 31 (tax., Chad).

D i s t r i b u t i o n : Chad, Eritrea, Socotra, Sudan.

Known from the Palearctic Region.

***Euodynerus (Euodynerus) salzi* (GIORDANI SOIKA 1952)**

Pseudepipona (Euodynerus) salzi (GIORDANI SOIKA): GIORDANI SOIKA 1954: 31 (tax., Chad).

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

Known from the Palearctic Region.

***Euodynerus (Euodynerus) semiaethiopicus* (GIORDANI SOIKA 1943)**

Odynerus (Rhynchium) semiaethiopicus n.sp.: GIORDANI SOIKA 1943: 9 (descr. ♂, figs 4.1,2, Cape Verde).

Pseudepipona semiaethiopica (GIORDANI SOIKA): GIORDANI SOIKA 1956: 21 (tax.).

Euodynerus (Euodynerus) semiaethiopicus (GIORDANI SOIKA): van der VECHT & FISCHER 1972: 92 (tax., cat.).

Odynerus semiaethiopicus GIORDANI SOIKA: GIORDANI SOIKA 1973: 34 (tax., Cape Verde).

Euodynerus semiaethiopicus (GIORDANI SOIKA): BORSATO & ROSSI 1999: 94 (cat.).

Euodynerus semiaethiopicus (GIORDANI SOIKA): BAEZ, GARCIA & KOPONEN 2005: 98 (cat., Cape Verde), 100 (cat. as *Pseudepipona semiaethiopicus*).

D i s t r i b u t i o n : Cape Verde (Santiago).

***Euodynerus (Euodynerus) socotrae* (KOHL 1906)**

Odynerus (Leionotus) socotrae n.sp.: KOHL 1906: 257 (descr. ♂ ♀, Socotra), pl. 5 (figs 1, 4).

Odynerus (Rygchium) socotrae KOHL: BEQUAERT 1918: 312 (tax., cat.).

Odynerus socotrae KOHL: von SCHULTHEB 1928a: 309 (key), 333 (tax., Socotra).

Odynerus (Lionotus) socotrae KOHL: von SCHULTHESS 1928b: 405 (key, tax. Socotra).

Odynerus (Rhynchium) socotrae KOHL: GIORDANI SOIKA 1934: 64 (key), 66 (tax.).

Odynerus (Rhynchium) socotrae KOHL: GIORDANI SOIKA 1940: 473 (tax., figs 1-3, Socotra).

Euodynerus socotrae (KOHL): GIORDANI SOIKA 1974: 80 (tax., Socotra).

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

References

BAEZ M., GARCIA A. & M. KOPONEN (2005): Hymenoptera. — In: ARECHVALETA M., ZURITA N., MARRERO M.C. & J.L. MARTIN (eds), Lista preliminar de especies silvestres de Cabo Verde (Hongos, Plantas y Animales Terrestres): 96-100.

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1934): Monografia degli *Odynerus* etiopici. Parte prima. — *Annali del Museo Civico di Storia Naturale di Genova* **57**: 23-83.
- GIORDANI SOIKA A. (1940): Monografia degli *Odynerus* etiopici. Supplemento primo (Hymen. Vespidae). — *Annali del Museo Civico di Storia Naturale di Genova* **60**: 469-484.
- GIORDANI SOIKA A. (1943): Eumenini paleartici nuovi o poco noti (Hym.). — *Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale* **3**: 1-14.
- GIORDANI SOIKA A. (1954): Contributo allo studio del popolamento del Sahara Centrale: Vespidi dell'Hoggar, Tassili n'Agger e Tibesti. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **7**: 7-37.
- GIORDANI SOIKA A. (1956): Studi di Ecologia e Biogeografia XVIII – Biogeografia dei Vespidi solitari delle isole del Capo Verde. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **9**: 21-25.
- GIORDANI SOIKA A. (1968): Ergebnisse der zoologischen Nubien-Expedition 1962 Teil XXXVI. Eumenidae. — *Annalen des Naturhistorischen Museums in Wien* **72**: 527-528.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1974): Eumenidi di Socotra ed Abd-el-Kuri. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **25**: 69-85.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. — *Memorie della Società Entomologica Italiana* **10**: 118-136.
- GUSENLEITNER J. (2000): Eine Aufsammlung von Eumeniden auf den Kap Verdischen Inseln (Hymenoptera, Vespoidea, Eumenidae). — *Linzer Biologische Beiträge* **32** (1): 67-69.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — *Linzer biologische Beiträge* **39** (2): 957-968.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — *Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse* **71**: 169-301.
- LONGSTAFF G.B. (1911): Three weeks in Sudan. — *Entomologist's Monthly Magazine*, 2. series **22** (May/June): 119-127; (August/September): 194-202.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN's, GREEN & Co): VII-XX, 729 pp, 16 pls.
- SAUSSURE H. DE (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.

- SAUSSURE H. de (1862): Sur divers Vespides Asiatiques et Africains du Musée de Leyden. — Entomologische Zeitung **23** (1-3): 129-141; (4-6): 177-207.
- SCHULTHESS A. von (1920): Ergebnisse der zoologischen Expedition Prof. F. WERNER's nach dem angloägyptischen Sudan (Kordofan) 1904, VIII. Hymenoptera, II. Vespidae. — Anzeiger der Akademie der Wissenschaften **27**: 1-2.
- SCHULTHESS A. von (1922): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse **98**: 95-99.
- SCHULTHESS A. von (1928a): Zur äthiopischen Vespidenfauna (Hym.). *Rhynchia synagroides* et affinia. — Deutsche Entomologische Zeitschrift **28** (4): 305-335.
- SCHULTHESS A. von (1928b): Beiträge zur Kenntniss nordafrikanischer Hymenopteren (Addenda et corrigenda). — EOS **4**: 405-410.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- VECHT J. van der & F.C. J. FISCHER (1972): Palaearctic Eumenidae. — In: VECHT J. van der & F.C. J. FISCHER (eds), Hymenopterorum Catalogus (nova editio) Pars 8: 199 pp.
- ZAVATTARI E. (1911): Catalogo degli Eumenidi del Museo Zoologico di Napoli. — Annuario del Museo Zoologico della R. Università di Napoli **3** (19): 6 pp.

Genus *Eustenancistrocerus* BLÜTHGEN 1938

Description: BLÜTHGEN 1938: 460.

Typus generis: *Odynerus blanchardianus* de SAUSSURE 1855.

Synonym: *Hemistenancistrocerus* BLÜTHGEN 1938.

Distribution: Ethiopian, Oriental and Palearctic Region.

Subgenera: *Eustenancistrocerus* BLÜTHGEN 1938, *Hemistenancistrocerus* BLÜTHGEN 1938.

Valid species: 5.

Eustenancistrocerus (Eustenancistrocerus) egidae (GIORDANI SOIKA 1936)

Ancistrocerus (Ancistrocerus) egidae n.sp.: GIORDANI SOIKA 1936b: 234 (descr. ♀, Sudan), 235 (figs 1A, B).

Ancistrocerus egidae GIORDANI SOIKA: GIORDANI SOIKA 1939: 362 (tax., Eritrea).

Ancistrocerus egidae GIORDANI SOIKA: GIORDANI SOIKA 1973: 16 (tax., Sudan).

Eustenancistrocerus egidae (GIORDANI SOIKA): GIORDANI SOIKA 1989: 41 (Burkina Faso).

Eustenancistrocerus egidae (GIORDANI SOIKA): BORSATO & RATTI 1999: 74 (cat.).

D i s t r i b u t i o n : Burkina Faso, Eritrea, Sudan.

Eustenancistrocerus (Eustenancistrocerus) inconstans (de SAUSSURE 1863)

Odynerus (Ancistrocerus) inconstans n.sp.: de SAUSSURE 1863: 217 (descr. ♀, Eritrea), pl. 2 (figs 24, 24t).

Odynerus inconstans de SAUSSURE: de DALLA TORRE 1894: 74 (cat.).

Odynerus (Ancistrocerus) inconstans de SAUSSURE: von DALLA TORRE 1904: 47 (cat.).

Odynerus (Ancistrocerus) inconstans de SAUSSURE: MEADE-WALDO 1915: 486 (cat.), 490 (key).

Ancistrocerus inconstans (de SAUSSURE): BEQUAERT 1918: 288 (tax., cat.).

Ancistrocerus (Stenancistrocerus) inconstans de SAUSSURE: BEQUAERT 1925: 63 (tax.).

Ancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1935: 172 (descr. ♂, figs 3-8, Sudan).

Ancistrocerus (Ancistrocerus) inconstans (de SAUSSURE): GIORDANI SOIKA 1936a: 34 (key), 41 (Eritrea, Sudan).

Stenancistrocerus (Stenancistrocerus) inconstans (de SAUSSURE): BLÜTHGEN 1938: 442 (typ. gen.), 459 (tax.).

Ancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1939: 361 (tax., Sudan).

Ancistrocerus (Ancistrocerus) inconstans (de SAUSSURE): GIORDANI SOIKA 1941: 235 (tax., Eritrea).

Eustenancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1952: 59 (tax.).

Ancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1973: 14 (tax., Sudan).

Eustenancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1974: 121 (tax., Chad).

Eustenancistrocerus inconstans (de SAUSSURE): GIORDANI SOIKA 1979: 237 (tax., Mali).

D i s t r i b u t i o n : Chad, Eritrea, Mali, Sudan.

Known from the Palearctic Region.

***Eustenancistrocerus (Eustenancistrocerus) iratus* GIORDANI SOIKA 1989**

Eustenancistrocerus iratus n.sp.: GIORDANI SOIKA 1989: 41 (descr. ♀, Burkina Faso), 65 (fig. 5).

Eustenancistrocerus iratus GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : Burkina Faso.

***Eustenancistrocerus (Eustenancistrocerus) parazairensis* (GIORDANI SOIKA 1934)**

Ancistrocerus parazairensis n.sp.: GIORDANI SOIKA 1934: 369 (descr. ♀, figs 1.1–4, Guinea Bissau).

Ancistrocerus (Ancistrocerus) parazairensis GIORDANI SOIKA: GIORDANI SOIKA 1936a: 34 (key), 40 (Guinea Bissau).

Ancistrocerus (Ancistrocerus) parazairensis GIORDANI SOIKA: GIORDANI SOIKA 1936b: 234 (Sudan).

Ancistrocerus parazairensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 9 (tax., Guinea Bissau).

Eustenancistrocerus parazairensis (GIORDANI SOIKA): GIORDANI SOIKA 1979: 238 (tax., descr. ♀, Niger).

Eustenancistrocerus parazairensis (GIORDANI SOIKA): GIORDANI SOIKA 1989: 40 (tax., Burkina Faso).

Eustenancistrocerus parazairensis (GIORDANI SOIKA): GUSENLEITNER 1992: 674 (Ivory Coast).

Eustenancistrocerus parazairensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 89 (cat.).

Eustenancistrocerus (Eustenancistrocerus) parazairensis (GIORDANI SOIKA): GUSENLEITNER 2000: 918 (Gambia).

Eustenancistrocerus parazairensis (GIORDANI SOIKA): GUSENLEITNER 2006: 659 (Niger).

D i s t r i b u t i o n : Burkina Faso, Gambia, Guinea Bissau, Ivory Coast, Niger, Sudan.

***Eustenancistrocerus (Hemistenancistrocerus) pharao* (de SAUSSURE 1863)**

Ancistrocerus (Ancistrocerus) pharao (de SAUSSURE): GIORDANI SOIKA 1936a: 40 (Eritrea, Ethiopia, Sudan).

Ancistrocerus (Ancistrocerus) pharao (de SAUSSURE): GIORDANI SOIKA 1936b: 234 (Mali).

Pseudonortonia pharao (de SAUSSURE): GIORDANI SOIKA 1989: 32 (Burkina Faso, Senegal).

Eustenancistrocerus pharao (de SAUSSURE): GIORDANI SOIKA 1989: 41 (Niger).

**Odynerus (Ancistrocerus) massanensis* n.sp.: de SAUSSURE 1863: 213 (descr. ♀, Eritrea, pl. 2 (figs 22, 22a, t)).

Odynerus massauensis (sic) de SAUSSURE: MAGRETTI 1884: 621 (Ethiopia).

Odynerus massauensis (sic) de SAUSSURE: MAGRETTI 1885: 311 (Ethiopia), 353 (cat.).

Odynerus massauensis (sic) de SAUSSURE: de DALLA TORRE 1894: 77 (cat.).

Odynerus (Ancistrocerus) massauensis (sic) de SAUSSURE: von DALLA TORRE 1904: 49 (cat.).

Odynerus (Ancistrocerus) massanensis de SAUSSURE: MEADE-WALDO 1915: 486 (cat.), 490 (key), pl. 91 (fig. 1).

Ancistrocerus massanensis de SAUSSURE: BEQUAERT 1918: 288 (tax., cat.).

Odynerus massauensis (sic) de SAUSSURE: von SCHULTHESS 1922: 98 (tax., descr. ♂, fig. 3, Sudan).

Odynerus massanensis de SAUSSURE: GIORDANI SOIKA 1935: 171 (syn.).

D i s t r i b u t i o n : Burkina Faso, Eritrea, Ethiopia, Mali, Niger, Senegal, Sudan.

Known from the Palearctic Region.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1925): The Genus *Ancistrocerus* (Hymenoptera, Vespidae) in North America, with a Partial Key to the Species. — Transactions of the American Entomological Society **51**: 57-117.
- BLÜTHGEN P. (1938): Beiträge zur Kenntnis der paläarktischen Eumeniden (Hym. Vespidae). — Deutsche Entomologische Zeitschrift **1938** (2): 434-496.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1934): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — Annali del Museo Civico di Storia Naturale di Genova **56**: 367-381.
- GIORDANI SOIKA A. (1935): Contributo alla conoscenza degli Eumenini Egiziani (Hymenoptera-Vespidae). — Bulletin de la Société Entomologique d'Égypte **19**: 161-199.
- GIORDANI SOIKA A. (1936a): Gli *Ancistrocerus* della regione etiopica (Hym. Vespidae). — Revue Française d'Entomologie **3** (1): 32-45.
- GIORDANI SOIKA A. (1936b): Supplemento alla mia revisione degli *Ancistrocerus* etiopici (Hym. Vespidae). — Revue Française d'Entomologie **3** (3): 234-236.
- GIORDANI SOIKA A. (1939): Risultati di raccolti imenotterologiche in Africa Orientale del Dr. P. MAGRETTI (1883). Aggiunte e correzioni agli Eumenidi. — Annali del Museo Civico di Storia Naturale di Genova **60**: 354-362.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1952): Sulle caratteristiche biogeografiche della Palestina, Arabia ed Egitto, con un contributo alla conoscenza degli Zethini ed Eumenini della Palestina. — Bollettino del Museo Civico di Storia Naturale di Venezia **6** (1): 5-62.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1974): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. Bollettino della Società Entomologica Italiana **106** (5-7): 119-121.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 235-246.

- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabun da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (2000): Über Vespoidea aus Gambia (Hymenoptera, Vespidae, Eumenidae). — Linzer biologische Beiträge **32** (2): 917-921.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- MAGRETTI P. (1884): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — Mémoires de la Société de Physique d'Histoire Naturelle de Genève **17**: 171-244, pl. 2.
- SCHULTHESS A. von (1922): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse **98**: 95-99.

Genus *Extreuodynerus* GUSENLEITNER 2007

Description: GUSENLEITNER 2007: 961.

Typus generis: *Extreuodynerus mirificus* GUSENLEITNER 2007

Distribution: Ethiopian Region.

Valid species: 1.

***Extreuodynerus mirificus* GUSENLEITNER 2007**

Extreuodynerus mirificus nov.sp.: GUSENLEITNER 2007: 961 (descr. ♂, Kenya), 967 (fig. 6), 968 (figs 7, 8).

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

References

- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.

Genus *Gibberhynchium* GUSENLEITNER 2002

Description: GUSENLEITNER 2002: 1116.

Typus generis: *Odynerus masariforme* GIORDANI SOIKA 1934

Distribution: Ethiopian Region.

Valid species: 1.

***Gibberhynchium masariforme* (GIORDANI SOIKA 1934) new combination**

Odynerus (Rhynchium) masariformis n.sp.: GIORDANI SOIKA 1934: 79 (descr. ♂, Malawi, Tanzania, Zambia), 80 (figs 12.1-5)

Odynerus masariformis GIORDANI SOIKA: GIORDANI SOIKA 1973: 11 (tax., Malawi).

Odynerus masariformis GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

Gibberhynchium gibber* nova spec.: GUSENLEITNER 2002: 1116 (typ. gen., descr. ♂ ♀, Democratic Republic of Congo, Zambia), 1121 (figs 2-5). **new synonym

Gibberhynchium gibber GUSENLEITNER: GUSENLEITNER 2005: 1193 (Malawi, Zambia, Zimbabwe).

Gibberhynchium gibber GUSENLEITNER: GUSENLEITNER 2007: 94 Zambia).

Distribution: Democratic Republic of Congo, Malawi, Tanzania, Zambia, Zimbabwe.

References

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.

GIORDANI SOIKA A. (1934): Monografia degli *Odynerus* etiopici. Parte prima. — Annali del Museo Civico di Storia Naturale di Genova **57**: 23-83.

GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.

GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 2 (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (2): 1101-1121.

GUSENLEITNER J. (2005): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.

GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). — Linzer biologische Beiträge **39** (1): 83-95.

Genus *Gioiella* GIORDANI SOIKA 1985

Description: GIORDANI SOIKA 1985: 155.

Typus generis: *Odynerus katonai* von SCHULTHESS 1913.

Distribution: Ethiopian Region.

Valid species: 3.

***Gioiella insecutor* (GIORDANI SOIKA 1952)**

Odontodynerus katonai insecutor n.var.: GIORDANI SOIKA 1952: 84 (key, descr. ♂ ♀, Malawi, Zambia, Zimbabwe).

Odontodynerus katonai insecutor GIORDANI SOIKA: GIORDANI SOIKA 1973: 40 (tax., Zambia, Zimbabwe).

Gioiella insecutor (GIORDANI SOIKA): GIORDANI SOIKA 1985: 156 (key), 158 (tax., descr. ♀, Democratic Republic of Congo, Zambia, Zimbabwe), 159 (fig. 60).

Gioiella insecutor (GIORDANI SOIKA): BORSATO & RATTI 1999: 81 (cat.).

Gioiella insecutor (GIORDANI SOIKA): GUSENLEITNER 2002: 302 (Tanzania).

Distribution: Democratic Republic of Congo, Malawi, Tanzania, Zambia, Zimbabwe.

***Gioiella katonai* (von SCHULTHESS 1913)**

- Odynerus katonai* n.sp.: von SCHULTHESS 1913: 17 (key), 18 (descr. ♀, Kenya, Tanzania).
Odynerus (Lionotus) katonai von SCHULTHESS: von SCHULTHESS 1914: 62 (key).
Odynerus (Lionotus) katonai von SCHULTHESS: MEADE-WALDO 1915: 486 (Kenya, Tanzania, cat.), 491 (key), pl.
Odynerus (Rygchium) katonai von SCHULTHESS: BEQUAERT 1918: 303 (tax., cat.).
Odontodynerus katonai (von SCHULTHESS): GIORDANI SOIKA 1952: 84 (key, tax.).
Gioiella katonai (von SCHULTHESS): GIORDANI SOIKA 1985: 155 (typ. gen.), 156 (key, tax., descr. ♂ ♀, Ethiopia, Kenya, Malawi, Tanzania, Zambia).
Gioiella katonai (von SCHULTHESS): GUSENLEITNER 2003: 169 (Kenya).
- D i s t r i b u t i o n :** Ethiopia, Kenya, Malawi, Tanzania, Zambia.

***Gioiella kristenseni* (MEADE-WALDO 1915)**

- Odynerus (Lionotus) kristenseni* n.sp.: MEADE-WALDO 1915: 487 (cat.), 491 (key), 504 (descr. ♀, Ethiopia).
Odynerus (Rygchium) kristenseni MEADE-WALDO: BEQUAERT 1918: 303 (tax., cat.).
Odynerus (Rygchium) kristenseni MEADE-WALDO: SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).
Gioiella kristenseni (MEADE-WALDO): GIORDANI SOIKA 1985: 156 (key), 157 (tax., descr. ♀, Ethiopia, Kenya).
Gioiella kristenseni (MEADE-WALDO): GIORDANI SOIKA 1989: 48 (Cameroon, Senegal).
Gioiella kristenseni (MEADE-WALDO): GUSENLEITNER 1992: 677 (Mali).
Gioiella kristenseni (MESDE (sic) WALDO): GUSENLEITNER 2005: 409 (Burkina Faso).
Gioiella kristenseni (MEADE-WALDO): GUSENLEITNER 2006: 659 (Niger).
- D i s t r i b u t i o n :** Burkina Faso, Cameroon, Ethiopia, Kenya, Mali, Niger, Senegal.

References

- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — Annals and Magazine of Natural History, 10. series **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1985): Revisione delle specie afrotropicali del genere *Antepipona* SAUSS. e generi affini (Hym. Vesp.). — Bollettino del Museo Civico di Storia Naturale di Venezia **34**: 29-162.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.

- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — Arkiv för Zoologi **8** (2-3: 17): 24 pp.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumenidinen. — Societas Entomologia **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.

Genus *Globepipona* GUSENLEITNER 1998

Description: GUSENLEITNER 1998: 188.
Typus generis: *Globepipona zairensis* GUSENLEITNER 1998.
Distribution: Ethiopian Region.
Valid species: 1.

***Globepipona zairensis* GUSENLEITNER 1998**

Globepipona zairensis nova spec.: GUSENLEITNER 1998: 188 (typ. gen., descr. ♂, Democratic Republic of Congo), 193 (figs 3-5).

D i s t r i b u t i o n : Democratic Republic of Congo.

References

GUSENLEITNER J. (1998): Weitere neue Arten der Familie Eumenidae aus Kontinentalafrika und Madagaskar (Hymenoptera, Eumenidae). — Linzer biologische Beiträge **30** (1): 183-194.

Genus *Globodynerus* GIORDANI SOIKA 1987

Description: GIORDANI SOIKA 1987: 173.
Typus generis: *Globodynerus globosus* GIORDANI SOIKA 1987.
Distribution: Ethiopian Region.
Valid species: 1.

***Globodynerus globosus* GIORDANI SOIKA 1987**

Globodynerus globosus n.sp.: GIORDANI SOIKA 1987: 173 (typ. gen., descr. ♂ ♀, Democratic Republic of Congo, Gabon, Gambia, Republic of Congo), 174 (fig. 49), 175 (fig. 50), 177 (figs 51-53).

Globodynerus globosus GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo, Gabon, Gambia, Republic of Congo.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.

Genus *Interzumia* GUSENLEITNER 2002

Description: GUSENLEITNER 2002: 317.
Typus generis: *Interzumia rufonigra* GUSENLEITNER 2002
Distribution: Ethiopian Region.
Valid species: 1

***Interzumia rufonigra* GUSENLEITNER 2002**

Interzumia rufonigra nova spec.: GUSENLEITNER 2002: 316 (descr. ♀, Tanzania (Zanzibar)), 320 (figs 6, 7).

D i s t r i b u t i o n : Tanzania (Zanzibar).

References

- GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — *Linzer biologische Beiträge* **34** (1): 307-320.

Genus *Ischnogasteroides* MAGRETTI 1884

Description: MAGRETTI 1884a: 251.
Typus generis: *Ischnogasteroides flavus* MAGRETTI 1884.
Distribution: Ethiopian and Palearctic Region.
Valid species: 1.

***Ischnogasteroides flavus* MAGRETTI 1884**

Ischnogasteroides flavus n.sp.: MAGRETTI 1884a: 251 (figs 2, 2A), 252 (typ. gen., descr. ♀, Eritrea).
Ischnogasteroides flavus n.sp.: MAGRETTI 1884b: 603 (typ. gen.), 604 (figs C, CA), 606 (descr. ♀, Eritrea).
Ischnogasteroides flavus MAGRETTI: MAGRETTI 1885: 324 (Eritrea), 352 (cat.).
Ischnogasteroides flavus MAGRETTI: de DALLA TORRE 1894: 113 (cat.).
Ischnogasteroides flavus MAGRETTI: ASHMEAD 1902: 205 (key).
Ischnogasteroides flavus MAGRETTI: von DALLA TORRE 1904: 84 (cat.), pl. 6 (figs 5a, b).
Ischnogasteroides flavus MAGRETTI: BEQUAERT 1918: 272 (cat.).
Ischnogasteroides flavus MAGRETTI: BEQUAERT 1926: 488 (tax.).
Ischnogasteroides flavus MAGRETTI: BEQUAERT 1928: 164 (tax.).
Eumenes (Ischnogasteroides) flavus (MAGRETTI): GIORDANI SOIKA 1934: 85 (tax., descr. ♀, figs 1.1-3., Eritrea).
Eumenes (Ischnogasteroides) flavus (MAGRETTI): GIORDANI SOIKA 1941: 98 (key), 100 (tax.), 101 (figs 2, 8, 10).
Ischnogasteroides flavus MAGRETTI: GIORDANI SOIKA 1961: 244 (tax.).

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

Known from the Palearctic Region.

References

- ASHMEAD W. (1902): Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea 7. — Canadian Entomologist **34** (8): 203-210.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — Annals of the South African Museum **23**: 484-577.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1934): Sul genere *Ischnogasteroides* MAGRETTI. — Annali del Museo Civico di Storia Naturale di Genova **57**: 84-87.
- GIORDANI SOIKA A. (1941): Contributo alla conoscenza degli *Eumenes* mediterranei e descrizione di una nuova *Afreumenes* etiopica (Hym. Vespidae). — Memorie della Società Entomologica Italiana **20** (2): 97-108.
- GIORDANI SOIKA A. (1961): Les lignées philetiques des *Eumenes* s.l. du globe (Hym. Vesp.). — Verhandlungen des XI. Internationalen Kongresses für Entomologie, Wien, 17. bis 25. August 1960, **1**: 240-245.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell'Africa orientale. Relazione preventiva. — Bullettino della Società Entomologica Italiana **50** (5): 241-253.
- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.

Genus *Katamenes* MEADE-WALDO 1910

- Description: MEADE-WALDO 1910: 46.
 Typus generis: *Katamenes watsoni* MEADE-WALDO 1910.
 Distribution: Ethiopian, Oriental and Palearctic Region.
 Valid species: 3.
 Known subspecies: 2.

Katamenes jenjouristei tibesticus GIORDANI SOIKA 1974

- Katamenes jenjouristei tibesticus* n.ssp.: GIORDANI SOIKA 1974: 121 (descr. ♂, Chad).
Katamenes jenjouristei tibesticus GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

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

Katamenes macrocephalus macrocephalus (de SAUSSURE 1852)

- Eumenes macrocephala* n.sp.: de SAUSSURE 1852: 37 (descr. ♀, South Africa).
Eumenes macrocephala de SAUSSURE: SMITH 1857: 26 (cat.).
Eumenes macrocephala de SAUSSURE: de DALLA TORRE 1894: 26 (cat.).

- Eumenes macrocephala* de SAUSSURE: von DALLA TORRE 1904: 23 (cat.).
Eumenes (Delta) macrocephala de SAUSSURE: BEQUAERT 1926: 486 (cat.), 491 (key), 568 (tax., descr. ♂, South Africa), 570 (figs 14a-g).
Eumenes macrocephalus de SAUSSURE: GIORDANI SOIKA 1934: 291 (tax., descr. ♀, Kenya, South Africa).
Eumenes (Katamenes) macrocephalus var. *macrocephalus* de SAUSSURE: GIORDANI SOIKA 1949: 42 (tax., key).
Eumenes (Katamenes) macrocephalus de SAUSSURE: GIORDANI SOIKA 1958: 57 (figs 1, 2), 59, 62 (fig. 5), 64 (fig. 9).
Katamenes macrocephalus (de SAUSSURE): GIORDANI SOIKA 1961: 243 (tax.).
Eumenes macrocephalus de SAUSSURE: GIORDANI SOIKA 1973: 8 (tax., South Africa).
Katamenes macrocephalus (de SAUSSURE): GESS & GESS 2003: 84 (biol., South Africa), 292 (biol., South Africa), 296 (biol., South Africa), 339 (biol., South Africa), 416 (biol., South Africa), 442 (biol., South Africa).
Eumenes macrocephala de SAUSSURE: von SCHULTHESS RECHBERG 1910: 24 (syn. of *Eumenes arbustorum*, South Africa).
Eumenes arbustorum (PANZER): BEQUAERT 1918: 275 (tax., cat.).

D i s t r i b u t i o n : Kenya, South Africa.

***Katamenes macrocephalus fenestraloides* (GIORDANI SOIKA 1939)**

- Eumenes macrocephalus fenestraloides* n.var.: GIORDANI SOIKA 1939a: 56 (descr. ♂ ♀, Eritrea, Ethiopia).
Eumenes macrocephalus var. *fenestraloides* GIORDANI SOIKA: GIORDANI SOIKA 1939b: 97 (tax., Eritrea).
Eumenes (Katamenes) macrocephalus var. *fenestraloides* GIORDANI SOIKA: GIORDANI SOIKA 1949: 42 (key).
Eumenes (Katamenes) macrocephalus fenestraloides GIORDANI SOIKA: GIORDANI SOIKA 1958: 59 (tax.), 61 (tax.).
Katamenes macrocephalus var. *fenestraloides* (GIORDANI SOIKA): GIORDANI SOIKA 1961: 243 (tax.).
Eumenes macrocephalus fenestraloides GIORDANI SOIKA: GIORDANI SOIKA 1973: 19 (tax., Eritrea).
Eumenes (Delta) macrocephalus fenestraloides GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

D i s t r i b u t i o n : Eritrea, Ethiopia.

***Katamenes macrocephalus pseudoconcinnus* GIORDANI SOIKA 1987**

- Katamenes macrocephalus pseudoconcinnus* n.ssp.: GIORDANI SOIKA 1987: 211 (descr. ♀, Zambia).
Katamenes macrocephalus pseudoconcinnus GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

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

***Katamenes niger* (BRULLÉ 1839)**

- Katamenes niger* (BRULLÉ): GIORDANI SOIKA 1968: 528 (Sudan).
Katamenes niger (BRULLÉ): GIORDANI SOIKA 1974: 121 (Chad).

D i s t r i b u t i o n : Chad, Sudan.

Known from the Palearctic Region.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — *Annals of the South African Museum* **23** (3): 484-577.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera)*. — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1934): *Labus* ed *Eumenes* nuovi o poco noti. — *Memoria della Società Entomologica Italiana* **12**: 215-228.
- GIORDANI SOIKA A. (1939a): Nuovi *Eumenes* (Hym. Vespidae). — *Bollettino della Società Entomologica Italiana* **71** (3): 54-57.
- GIORDANI SOIKA A. (1939b): Raccolte Entomologiche del Dr. Alfredo ANDREINI in Eritrea. Vespidae e Sphegidae (Hymenoptera). — *Memorie della Società Entomologica Italiana* **18**: 95-105.
- GIORDANI SOIKA A. (1949): Revisione degli *Eumenes* appartenenti al sottogenere *Katamenes* M.W. (Hymenoptera: Vespidae). — *Bollettino della Società Entomologica Italiana* **79** (3-4): 40-47.
- GIORDANI SOIKA A. (1958): Notulae vespilogicae. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **11**: 35-102.
- GIORDANI SOIKA A. (1961): Les lignées philetiques des *Eumenes* s.l. du globe (Hym. Vesp.). — *Verhandlungen des XI. Internationalen Kongresses für Entomologie, Wien, 17. bis 25. August 1960*, **1**: 240-245.
- GIORDANI SOIKA A. (1968): Ergebnisse der zoologischen Nubien-Expedition 1962 Teil XXXVI. Eumenidae. — *Annalen des Naturhistorischen Museums in Wien* **72**: 527-528.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1974): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. — *Bollettino della Società Entomologica Italiana* **106** (5-7): 119-121.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SCHULTHESS RECHBERG A. von (1910): Systematische Uebersicht der äthiopischen *Eumenes*-arten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. — *Societas Entomologica* **25** (6): 24.
- SMITH F. (1857): *Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae*. — London: 147 pp.

Genus *Knemodynerus* BLÜTHGEN 1940

Description: BLÜTHGEN 1940: 43.

Typus generis: *Odynerus excellens* PEREZ 1907.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 10.

Knemodynerus albolimbatus (von SCHULTHESS 1914)

Odynerus (Lionotus) meyeri albolimbatus nov.var.: von SCHULTHESS 1914: 57 (descr. ♂ ♀, Botswana, Namibia, Tanzania, Zimbabwe).

Odynerus (Lionotus) meyeri var. *albolimbatus* von SCHULTHESS: MEADE-WALDO 1915: 487 (types seen, cat.), 494 (key).

Odynerus (Rygchium) meyeri var. *albolimbatus* von SCHULTHESS: BEQUAERT 1918: 134 (key), 181 (foot note: South Africa), 182 (tax., Democratic Republic of Congo), 306 (cat.).

Odynerus (Lionotus) meyeri var. *albolimbatus* von SCHULTHESS: von SCHULTHESS RECHBERG 1922: 40 (key), 42 (tax., Botswana, Democratic Republic of Congo, Mozambique, Namibia, Tanzania), 44 (tax.).

Odynerus (Lionotus) meyeri var. *albolimbatus* von SCHULTHESS: von SCHULTHESS 1923: 137 (Namibia).

Odynerus (Lionotus) meyeri var. *albolimbatus* von SCHULTHESS: von SCHULTHESS 1928b: 72 (key).

Odynerus (Rhynchium) meyeri var. *albolimbatus* von SCHULTHESS: GIORDANI SOIKA 1934: 64 (key), 70 (tax., Botswana, Democratic Republic of Congo, Malawi, Mozambique, Namibia, Sao Thomé, South Africa, Zimbabwe).

Odynerus (Rhynchium) meyeri var. *albolimbatus* von SCHULTHESS: GIORDANI SOIKA 1935: 5 (Mozambique).

Euodynerus (Knemodynerus) albolimbatus (von SCHULTHESS): BLÜTHGEN 1940: 41 (tax., South Africa), 44 (fig. 5).

Knemodynerus albolimbatus (von SCHULTHESS): GUSENLEITNER 2002a: 303 (tax., Tanzania).

Distribution: Botswana, Democratic Republic of Congo, Malawi, Mozambique, Namibia, Sao Thomé, South Africa, Tanzania, Zimbabwe.

Knemodynerus conspicuus (GUSENLEITNER 1992)

Euodynerus (Knemodynerus) conspicuus nov.spec.: GUSENLEITNER 1992b: 853 (descr. ♂ ♀, South Africa).

Distribution: South Africa.

Knemodynerus euryspilus (CAMERON 1910) new combination

Odynerus euryspilus sp.n.: CAMERON 1910b: 166 (descr. ♀, South Africa).

Odynerus (Lionotus) euryspilus CAMERON: MEADE-WALDO 1915: 487 (South Africa, cat.), 494 (key), 510 (tax., South Africa).

Odynerus (Rygchium) euryspilus CAMERON: BEQUAERT 1918: 297 (tax., cat.).

Odynerus (Lionotus) meyeri sp. (vic. *euryspilo* CAMERON): von SCHULTHESS 1923: 137 (Namibia).

Odynerus (Rhynchium) meyeri var. *euryspilus* CAMERON: GIORDANI SOIKA 1934: 64 (key), 70 (tax., South Africa).

Odynerus (Rhynchium) tectus var. *euryspilus* CAMERON: GIORDANI SOIKA 1940: 475 (Democratic Republic of Congo, South Africa).

Pseudepipona (Euodynerus) euryspilus (CAMERON): GIORDANI SOIKA 1961: 445 (tax.).

Euodynerus euryspilus (CAMERON): GESS 1981: 25 (biol., South Africa), 29 (biol.), 31 (biol.).

Euodynerus euryspilus (CAMERON): GESS & GESS 1991: 253 (biol., South Africa), 254 (table 1: biol.).

Euodynerus euryspilus (CAMERON): GESS & GESS 1993: 106 (biol., South Africa), 107 (biol.).
Euodynerus euryspilus (CAMERON): GESS & GESS 2003: 84 (biol., South Africa), 339 (biol., South Africa).

D i s t r i b u t i o n : Democratic Republic of Congo, Namibia, South Africa.

***Knemodynerus expressus* (GIORDANI SOIKA 1934)**

Odynerus (Rhynchium) meyeri expressus n.var.: GIORDANI SOIKA 1934: 64 (key), 71 (descr. ♂ ♀, Tanzania).

Odynerus (Rhynchium) meyeri var. *expressus* GIORDANI SOIKA: GUIGLIA 1939: 50 (tax., Ethiopia).

Pseudepipona (Euodynerus) expressus (GIORDANI SOIKA): GIORDANI SOIKA 1961: 445 (tax.).

Odynerus meyeri ssp. *expressus* GIORDANI SOIKA: GIORDANI SOIKA 1973: 11 (tax., Tanzania).

Pseudepipona (Euodynerus) expressa (GIORDANI SOIKA): BORSATO & RATTI 1999: 84 (cat.).

Knemodynerus expressus (GIORDANI SOIKA): GUSENLEITNER 2002a: 303 (tax., Tanzania).

Knemodynerus expressus (GIORDANI SOIKA): GUSENLEITNER 2002b: 315 (Tanzania (Zanzibar)).

**Knemodynerus pseudolateralis zanzibaricus* nov. ssp.: GUSENLEITNER 1994: 317 (descr. ♂, Tanzania (Zanzibar)).

Knemodynerus pseudolateralis zanzibaricus GUSENLEITNER: GUSENLEITNER 2002a: 303 (syn.).

D i s t r i b u t i o n : Ethiopia, Tanzania (Tanzania, Zanzibar).

***Knemodynerus inversus* GUSENLEITNER 2004**

Knemodynerus inversus nova spec.: GUSENLEITNER 2004: 145 (descr. ♀, Kenya).

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

***Knemodynerus meyeri* (CAMERON 1910) new combination**

Odynerus meyeri sp.nov.: CAMERON 1910a: 184 (descr. ♂ ♀, Tanzania), 196 (cat.).

Rhynchium meyeri (CAMERON): CAMERON 1910b: 163 (key, tax.).

Odynerus (Lionotus) meyeri CAMERON: MEADE-WALDO 1913: 52 (key, tax.).

Odynerus (Lionotus) meyeri CAMERON: von SCHULTHESS 1913: 17 (key).

Odynerus (Lionotus) meyeri CAMERON: MEADE-WALDO 1915: 487 (Tanzania, cat.), 494 (key).

Odynerus (Rygchium) meyeri meyeri CAMERON: BEQUAERT 1918: 306 (tax., cat.).

Odynerus (Rhynchium) ? meyeri CAMERON: SCHOUTEDEN 1919: 180 (Democratic Republic of Congo).

Odynerus (Lionotus) meyeri meyeri CAMERON: von SCHULTHESS RECHBERG 1922: 40 (key), 42 (tax., Tanzania).

Odynerus (Lionotus) meyeri meyeri CAMERON: von SCHULTHESS 1928b: 70 (key), 72 (key).

Odynerus (Lionotus) meyeri CAMERON: von SCHULTHESS 1928b: 405 (key), 407 (fig. 1).

Odynerus (Rhynchium) meyeri meyeri CAMERON: GIORDANI SOIKA 1934: 64 (key), 69 (descr. ♂ ♀, Mozambique, Namibia, Tanzania).

Rhynchium meyeri (CAMERON): MEDLER 1980: 476 (cat., Nigeria).

D i s t r i b u t i o n : Democratic Republic of Congo (?), Mozambique, Namibia, Nigeria, Tanzania.

***Knemodynerus pseudolateralis* (MEADE-WALDO 1915)**

Odynerus (Lionotus) pseudolateralis n.sp.: MEADE-WALDO 1915: 487 (cat.), 494 (key), 509 (descr. ♂ ♀, Gambia, Nigeria).

Odynerus (Rygchium) pseudolateralis MEADE-WALDO: BEQUAERT 1918: 134 (key), 182 (tax., Democratic Republic of Congo), 308 (cat.).

- Odynerus (Hoplopus) meyeri* var. *pseudolateralis* MEADE-WALDO: von SCHULTHESS RECHBERG 1922: 40 (key), 42 (tax., Democratic Republic of Congo, Gambia, Nigeria), 44 (tax.).
- Odynerus (Lionotus) meyeri* var. *pseudolateralis* MEADE-WALDO: von SCHULTHESS 1928b: 72 (key).
- Odynerus (Rhynchium) meyeri* var. *pseudolateralis* MEADE-WALDO: GIORDANI SOIKA 1934: 64 (key), 72 (tax., Eritrea, Democratic Republic of Congo, Nigeria).
- Euodynerus (Knemodynerus) pseudolateralis* (MEADE-WALDO): BLÜTHGEN 1939: 240 (tax.).
- Odynerus (Rhynchium) tectus* var. *pseudolateralis* (MEADE-WALDO): GIORDANI SOIKA 1939: 99 (tax., Eritrea).
- Euodynerus (Knemodynerus) pseudolateralis* (MEADE-WALDO): BLÜTHGEN 1940: 41 (tax.), 44 (figs 2, 4).
- Pseudepipona (Euodynerus) pseudolateralis* (MEADE-WALDO): GIORDANI SOIKA 1952: 80 (tax., Ethiopia).
- Euodynerus pseudolateralis* (MEADE-WALDO): GIORDANI SOIKA 1979a: 241 (tax., Niger).
- Euodynerus pseudolateralis* (MEADE-WALDO): GIORDANI SOIKA 1979b: 256 (tax., fig. 10, Ethiopia).
- Proepipona pseudolateralis* (MEADE-WALDO): MEDLER 1980: 476 (cat., Nigeria).
- Euodynerus pseudolateralis* (MEADE-WALDO): GUSENLEITNER 1992a: 677 (Ghana, Ivory Coast, Mali, Senegal, Togo).
- Knemodynerus pseudolateralis pseudolateralis* (MEADE-WALDO): GUSENLEITNER 2002a: 302 (Tanzania).
- Knemodynerus pseudolateralis* (MEADE-WALDO): GUSENLEITNER 2005: 410 (Burkina Faso).
- Knemodynerus pseudolateralis* (MEADE-WALDO): GUSENLEITNER 2006: 660 (Niger).

D i s t r i b u t i o n : Burkina Faso, Democratic Republic of Congo, Gambia, Eritrea, Ethiopia, Ghana, Ivory Coast, Mali, Niger, Nigeria, Senegal, Tanzania, Togo.

Known from the Palearctic Region.

***Knemodynerus rhynchoides rhynchoides* (de SAUSSURE 1853)**

- Odynerus (Leionotus) rhynchoides* n.sp.: de SAUSSURE 1853: 152 (key), 154 (key), 174 (descr. ♂, Senegal), pl. 17 (fig. 12).
- Odynerus rhynchoides* de SAUSSURE: de SAUSSURE 1855: 231 (tax.).
- Odynerus rhynchoides* de SAUSSURE: SMITH 1857: 72 (cat.).
- Odynerus rhynchoides* de SAUSSURE: de DALLA TORRE 1894: 93 (cat.).
- Odynerus (Lionotus) rhynchoides* de SAUSSURE: von DALLA TORRE 1904: 53 (cat.).
- Odynerus (Lionotus) rhynchoides* de SAUSSURE: MEADE-WALDO 1915: 487 (Senegal, cat.), 494 (key), 509 (Gambia, Djibouti).
- Odynerus (Lionotus) rhynchoides* de SAUSSURE: BEQUAERT 1918: 309 (cat.).
- Odynerus (Lionotus) spec. vic. rhynchoides* de SAUSSURE: von SCHULTHESS 1928a: 99 (Central African Republic, Democratic Republic of Congo).
- Odynerus (Lionotus) rhynchoides* de SAUSSURE: von SCHULTHESS 1928b: 71 (key).
- Odynerus* aff. *rhynchoides* de SAUSSURE: GUIGLIA 1931: 160 (Eritrea).
- Odynerus (Rhynchium) tectus* var. *rhynchoides* de SAUSSURE: GIORDANI SOIKA 1934: 68 (tax., Djibouti, Eritrea, Ethiopia, Nigeria, Senegal).
- Euodynerus rhynchoides* (de SAUSSURE): GIORDANI SOIKA 1968: 527 (tax., Sudan).
- Euodynerus (Knemodynerus) rhynchoides rhynchoides* (de SAUSSURE): van der VECHT & FISCHER 1972: 94 (tax., cat.).
- Euodynerus rhynchoides* (de SAUSSURE): GIORDANI SOIKA 1979b: 256 (fig. 11), 257 (tax.).
- Euodynerus rhynchoides rhynchoides* (de SAUSSURE): GIORDANI SOIKA 1989: 48 (Burkina Faso).
- Euodynerus rhnchoides rhynchoides* (de SAUSSURE): GUSENLEITNER 1992a: 677 (Mali).
- Euodynerus rhynchoides rhynchoides* (de SAUSSURE): GUSENLEITNER 2003: 171 (Kenya).
- Knemodynerus rhynchoides rhynchoides* (de SAUSSURE): GUSENLEITNER 2005: 410 (Burkina Faso).
- Knemodynerus rhynchoides rhynchoides* (de SAUSSURE): GUSENLEITNER 2006: 660 (Niger).

- **Odynerus (Odynerus) interruptus* n.sp.: de SAUSSURE 1863: 221 (descr. ♀, Ethiopia).
Odynerus interruptus de SAUSSURE: MAGRETTI 1885: 300 (Eritrea), 318 (Sudan), 353 (cat.).
Odynerus (Lionotus) interruptus de SAUSSURE: MEADE-WALDO 1915: 488 (tax., cat.).
Odynerus interruptus de SAUSSURE: BEQUAERT 1918: 309 (syn.).
 **Odynerus saussurei* nov. nom.: ANDRÉ 1884: 681 (tax., Ethiopia).
Odynerus saussurei ANDRÉ: MAGRETTI 1884: 620 (Eritrea, Sudan).
Odynerus saussurei ANDRÉ: de DALLA TORRE 1894: 95 (cat.).
Odynerus (Lionotus) saussurei ANDRÉ: von DALLA TORRE 1904: 54 (cat.).
Odynerus saussurei ANDRÉ: MEADE-WALDO 1915: 509 (syn.).
Odynerus saussurei ANDRÉ: GUIGLIA 1932: 123 (tax., Eritrea).
Odynerus saussurei ANDRÉ: GIORDANI SOIKA 1934: 68 (syn.).
 **Odynerus (Rhynchium) tectus* (FABRICIUS): GIORDANI SOIKA 1940: 473 (tax., Ethiopia).

D i s t r i b u t i o n : Burkina Faso, Central African Republic (?), Democratic Republic of Congo (?), Djibouti, Eritrea, Ethiopia, Gambia, Kenya, Mali, Niger, Nigeria, Senegal, Sudan.

Known from the Palearctic Region.

***Knemodynerus stigma* (de SAUSSURE 1863)**

- Odynerus (Odynerus) stigma* n.sp.: de SAUSSURE 1863: 219 (descr. ♂, Ethiopia).
Odynerus stigma de SAUSSURE: de DALLA TORRE 1894: 99 (cat.).
Odynerus (Lionotus) stigma de SAUSSURE: von DALLA TORRE 1904: 55 (tax., cat.).
Odynerus (Rygchium) stigma de SAUSSURE: BEQUAERT 1918: 312 (tax., cat.).
Odynerus (Lionotus) stigma de SAUSSURE: von SCHULTHESS 1928b: 71 (key).
Odynerus stigma de SAUSSURE: GIORDANI SOIKA 1934: 67 (tax.), 79 (tax.).
Euodynerus stigma (de SAUSSURE): BLÜTHGEN 1939: 241 (tax.).
Odynerus (Rhynchium) stigma de SAUSSURE: GIORDANI SOIKA 1940: 479 (tax., Eritrea, Ethiopia, Sudan).
Pseudepipona (Euodynerus) stigma (de SAUSSURE): GIORDANI SOIKA 1954: 32 (Chad).
Euodynerus stigma (de SAUSSURE): GIORDANI SOIKA 1979a: 242 (Chad).
Odynerus stigma de SAUSSURE: von SCHULTHESS 1932 (In: NADIG & NADIG): 106 (syn. of *Odynerus rhynchooides*).
 **Rhynchium patrizii* n.sp.: GUIGLIA 1931: 160 (descr. ♀, Eritrea), 161 (fig. 1), 162 (figs 2a-d).
Odynerus (Rhynchium) patrizi GUIGLIA: GIORDANI SOIKA 1934: 63 (key), 73 (tax., descr. ♂, figs 9.1-4, Eritrea).
Rhynchium patrizi GUIGLIA: BLÜTHGEN 1939: 241 (syn.).
Rhynchium patrizii GUIGLIA: GIORDANI SOIKA 1940: 479 (syn.).

D i s t r i b u t i o n : Chad, Eritrea, Ethiopia, Sudan.

Known from the Palearctic Region.

***Knemodynerus turneri* (GIORDANI SOIKA 1934) new combination**

- Odynerus (Rhynchium) meyeri turneri* n.var.: GIORDANI SOIKA 1934: 64 (key), 72 (descr. ♂ ♀, Namibia).
Pseudepipona (Euodynerus) turneri (GIORDANI SOIKA): GIORDANI SOIKA 1961: 445 (tax., Namibia).
Odynerus meyeri ssp. *turneri* GIORDANI SOIKA: GIORDANI SOIKA 1973: 11 (tax., Namibia).
Pseudepipona (Euodynerus) turneri (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (cat.).

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

References

- ANDRÉ E.A. (1883-1884): Les Guêpes. — In: ANDRÉ E. (ed.), *Species des Hyménoptères d'Europe & Algérie* 2: 405-831.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* 39 (1): 1-384.
- BLÜTHGEN P. (1939): Beiträge zur Kenntnis der paläarktischen und einiger äthiopischer Faltenwespen (Hym. Vespidae). — *Veröffentlichungen des Deutschen Kolonial- und Uebersee Museum in Bremen* 2 (3): 233-267.
- BLÜTHGEN P.P. (1940): Über *Odynerus meyeri* CAM., *Od. meyeri* CAM. var. *albolimbatus* SCHULTHESS und *Od. pseudolateralis* M.W. (Hym. Vespidae). — *Entomologisk Tidskrift* 61 (1-2): 41-45.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* 77: 43-103.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen* unter der Leitung von Prof. Dr. Yngve SJÖSTEDT 2: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A. J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* 2 (3): 116-167.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* 19: 108 pp.
- GESS F.W. (1981): Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa. — *Annals of the Cape Provincial Museums (Natural History)* 14 (1): 1-80.
- GESS F.W. & S.K. GESS (1991): Some aspects of the ethology of five species of Eumenidae (Hymenoptera) in southern Africa. — *Annals of the Cape Provincial Museums (Natural History)* 18 (12): 245-270.
- GESS F.W. & S.K. GESS (1993): Effects of Increasing Land Utilization on Species Representation and Diversity of Aculeate Wasps and Bees in the Semi-arid Areas of Southern Africa. — In: LASALLE J. & I.D. GAULD (eds), *Hymenoptera and Biodiversity*: 63-113.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — *Grahamstown (Albany Museum)*: 529 pp.
- GIORDANI SOIKA A. (1934): *Monografia degli Odynerus etiopici. Parte prima.* — *Annali del Museo Civico di Storia Naturale di Genova* 57: 23-83.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — *Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I*, 82: 18 pp.
- GIORDANI SOIKA A. (1939): Raccolte Entomologiche del Dr. Alfredo ANDREINI in Eritrea. Vespidae e Sphegidae (Hymenoptera). — *Memorie della Società Entomologica Italiana* 18: 95-105.
- GIORDANI SOIKA A. (1940): *Monografia degli Odynerus etiopici. Supplemento primo* (Hymen. Vespidae). — *Annali del Museo Civico di Storia Naturale di Genova* 60: 469-484.
- GIORDANI SOIKA A. (1952): *Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae.* — *Rivista di Biologia Coloniale* 11: 73-89.

- GIORDANI SOIKA A. (1954): Contributo allo studio del popolamento del Sahara Centrale: Vespidi dell'Hoggar, Tassili n'Agger e Tibesti. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **7**: 7-37.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), *South Africal Animal Life* **8**: 440-451.
- GIORDANI SOIKA A. (1968): Ergebnisse der zoologischen Nubien-Expedition 1962 Teil XXXVI. Eumenidae. — *Annalen des Naturhistorischen Museums in Wien* **72**: 527-528.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1979a): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1979b): Notulae vespilogicae – XL. Eumenidi palearcti nuovi o poco noti. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 247-263.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabun da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GUIGLIA D. (1931): Spedizione del Barone Raimondo FRANCHETTI in Dancalia. Imenotteri aculeati. — *Annali del Museo Civico di Storia Naturale di Genova* **55**: 157-164.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — *Memorie della Società Entomologica Italiana* **10**: 118-136.
- GUIGLIA D. (1939): Hymenoptera. Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. — In: ZAVATTARI E. (ed.), *Missione Biologica nel paese dei Borana. Raccolte zoologiche* **3**: 45-77.
- GUSENLEITNER J. (1992a): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.
- GUSENLEITNER J. (1992b): Zwei neue Eumeniden-Gattungen aus dem äthiopischen Raum (Hymenoptera, Vespoidea, Eumenidae). — *Linzer biologische Beiträge* **24** (2): 851-856.
- GUSENLEITNER J. (1994): Über Eumeniden aus dem Nahen Osten und Arabien sowie Beschreibung einer neuen Subspecies aus Zanzibar (Vespoidea, Hymenoptera). — *Linzer biologische Beiträge* **26** (1): 307-324.
- GUSENLEITNER J. (2002a): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **34** (1): 299-305.
- GUSENLEITNER J. (2002b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — *Linzer biologische Beiträge* **34** (1): 307-320.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **36** (1): 137-149.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — *Linzer biologische Beiträge* **37** (1): 407-413.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — *Linzer biologische Beiträge* **38** (1): 653-662.
- MAGRETTI P. (1884): Risultati di raccolte imenotterologiche nell'Africa orientale. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — *Atti della Società Italiana di Scienze Naturali* **26**: 257-355.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History*, 8. series, **11** (61): 44-54.

- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- NADIG A. & A. NADIG (1933): Beitrag zur Kenntnis der Hymenopterenfauna von Marokko und Westalgerien Erster Teil: Apidae, Sphegidae, Vespidae. — Jahresbericht der Naturforschenden Gesellschaft Graubündens **71**: 37-107.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Eumèniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — Mémoires de la Société de Physique d'Histoire Naturelle de Genève **17**: 171-244, pl. 2.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — Arkiv för Zoologi **8** (2-3: 17): 24 pp.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumenidinen. — Societas Entomologia **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.
- SCHULTHESS RECHBERG A. von (1922): Zur Kenntnis äthiopischer Vespiden (Hym.). II. *Rhynchium cyanopterum* et similia. — Vierteljahresschrift der Naturforschenden Gesellschaft in Zürich **67**: 30-44.
- SCHULTHESS A. von (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- SCHULTHESS A. v. (1928a): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SCHULTHESS A. von (1928b): Beiträge zur Kenntnis nordafrikanischer Hymenopteren. — EOS **4**: 65-92.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- VECHT J. van der & F.C. J. FISCHER (1972): Palaeartic Eumenidae. — In: VECHT J. van der & F.C.J. FISCHER (eds), Hymenopterorum Catalogus (nova editio) Pars 8: 199 pp.

Genus *Lamellodynerus* GUSENLEITNER 1999

Description: GUSENLEITNER 1999: 364.

Typus generis: *Lamellodynerus nigrofulvus* GUSENLEITNER 1999.

Distribution: Ethiopian Region.

Valid species: 1.

Lamellodynerus nigrofulvus GUSENLEITNER 1999

Lamellodynerus nigrofulvus nova spec.: GUSENLEITNER 1999: 364 (typ. gen., descr. ♂ ♀, Ivory Coast), 368 (figs 1-3).

D i s t r i b u t i o n : Ivory Coast.

References

GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.

Genus *Leptochilus* de SAUSSURE 1853

Description: de SAUSSURE 1853: 233.

Typus generis: *Pterochilus mauritanicus* LEPELETIER de SAINT-FARGEAU 1841.

Synonyms: *Euleptochilus* BLÜTHGEN 1943, *Lionotulus* BLÜTHGEN 1938, *Neoleptochilus* BLÜTHGEN 1961.

Distribution: Ethiopian, Nearctic, Neotropical, Oriental and Palearctic Region.

Subgenera: *Euleptochilus* BLÜTHGEN 1943, *Lionotulus* BLÜTHGEN 1938, *Neoleptochilus* BLÜTHGEN 1961.

Valid species: 4.

Leptochilus (Lionotulus) aterrimus (KIRBY 1900)

Icaria aterrima n.sp.: KIRBY 1900: 23 (descr. ♀, Abd el Kuri).

Icaria aterrima KIRBY: KIRBY 1903: 256 (tax., descr. ♀, Abd el Kuri), pl. 16 (fig. 8).

Icaria aterrima KIRBY: von DALLA TORRE 1904: 73 (cat.).

Labus aterrimus (KIRBY): KOHL 1906: 254 (tax.).

Icaria aterrima KIRBY: BEQUAERT 1918: 305 (tax.).

Leptochilus (Lionotulus) aterrimus (KIRBY): GIORDANI SOIKA 1974: 73 (tax., fig. 2, Abd el Kuri).

**Odynerus (Leptochilus) melanchrous* n.sp.: KOHL 1906: 254 (descr. ♂ ♀, Abd el Kuri), pl. 5 (figs 5, 10, 14, 16, 19).

Odynerus (Rygchium) melanchrous KOHL: BEQUAERT 1918: 305 (tax., cat.).

Odynerus melanchrous KOHL: GIORDANI SOIKA 1974: 73 (syn.).

Distribution: Socotra (Abd el Kuri).

Leptochilus (Euleptochilus) rubellulus (KOHL 1906)

Odynerus (Leptochilus) rubellulus n.sp.: KOHL 1906: 255 (descr. ♂ ♀, Semha), pl. 5 (figs 8, 12, 13, 17).

Odynerus (Rygchium) rubellulus KOHL: BEQUAERT 1918: 309 (tax., cat.).

Euleptochilus rubellulus (KOHL): GIORDANI SOIKA 1974: 72 (tax., Socotra), 73 (fig. 1).

Leptochilus (Euleptochilus) rubellulus (KOHL): GIORDANI SOIKA 1987: 4 (tax.).

Distribution: Socotra (Semha).

Leptochilus (Euleptochilus) somalicus GIORDANI SOIKA 1987

Leptochilus (Euleptochilus) somalicus n.sp.: GIORDANI SOIKA 1987: 1 (descr. ♂, Somalia), 3 (fig. 1).

Leptochilus (Euleptochilus) somalicus GIORDANI SOIKA 1987: BORSATO & RATTI 1999: 95 (cat.).

Distribution: Somalia.

Leptochilus (Neoleptochilus) tuareg GUSENLEITNER 2006

Leptochilus (Neoleptochilus) tuareg nova spec.: GUSENLEITNER 2006: 657 (descr. ♂ ♀, Niger).

Distribution: Niger.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diploterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1974): Eumenidi di Socotra ed Abd-el-Kuri. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **25**: 69-85.
- GIORDANI SOIKA A. (1987): *Leptochilus (Euleptochilus) somalicus* n.sp. della Somalia (Hymenoptera, Vespidae, Eumeninae). — *Monitore Zoologica Italiana, N. S., Supplemento* **22** (1): 1-4.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — *Linzer biologische Beiträge* **38** (1): 653-662.
- KIRBY W.F. (1900): Expedition to Sokotra XII: Descriptions of the New Species of Hymenoptera. — *Bulletin of the Liverpool Museums* **3** (1): 13-24.
- KIRBY W.F. (1903): Arthropoda. Insecta: Hymenoptera. — In: FORBES H.O. (ed.), *The Natural History of Sokotra and Abd-El-Kuri*: 233-260, pls 15, 16.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — *Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse*, **71**: 169-301.

Genus *Leptomenes* GIORDANI SOIKA 1939

Description: GIORDANI SOIKA 1939a: 87.

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

Distribution: Ethiopian and Palearctic Region.

Valid species: 7.

Known subspecies: 1.

Leptomenes cibratus GIORDANI SOIKA 1983

Leptomenes cibratus n.sp.: GIORDANI SOIKA 1983: 120 (descr. ♂ ♀, figs 16, 17, Democratic Republic of Congo).

Leptomenes cibratus GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

Leptomenes convexus GIORDANI SOIKA 1987

Leptomenes convexus n.sp.: GIORDANI SOIKA 1987a: 141 (descr. ♀, Swaziland).

Leptomenes convexus GIORDANI SOIKA: BORSATO & RATTI 1999: 72 (cat.).

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

Leptomenes eumenoides eumenoides (SMITH 1857)

Odynerus eumenoides n.sp.: SMITH 1857: 71 (descr. ♂, South Africa).

Odynerus eumenoides SMITH: de DALLA TORRE 1894: 66 (cat.).

- Odynerus eumenoides* SMITH: BINGHAM 1903: 68 (South Africa).
Odynerus eumenoides SMITH: von DALLA TORRE 1904: 44 (cat.).
Nortonia eumenoides (SMITH): MEADE-WALDO 1915: 503 (tax., South Africa).
Pachymenes eumenoides (SMITH): BEQUAERT 1918: 284 (tax., cat.).
Leptomenes (Leptomenes) eumenoides (SMITH): GIORDANI SOIKA 1941: 154, 186 (tax., Democratic Republic of Congo, South Africa).
Leptomenes (Leptomenes) eumenoides (SMITH): GIORDANI SOIKA 1952: 78 (Ethiopia).
Leptomenes eumenoides (SMITH): GIORDANI SOIKA 1955: 367 (Burundi).
Leptomenes eumenoides (SMITH): GIORDANI SOIKA 1977: 107 (fig. 1), 108 (key), 109 (tax., Democratic Republic of Congo, Ethiopia, Gabon, South Africa, Tanzania, Uganda, Zambia, Zimbabwe), 110 (fig. 2).
Leptomenes eumenoides (SMITH): GIORDANI SOIKA 1987b: 151 (Gambia).
Leptomenes eumenoides eumenoides (SMITH): GIORDANI SOIKA 1989: 30 (Burkina Faso, Gabon, Ivory Coast, Senegal).
Leptomenes eumenoides (SMITH): GUSENLEITNER 1992: 673 (Mali, Senegal).
Leptomenes eumenoides (SMITH): GUSENLEITNER 2002: 300 (Tanzania).
Leptomenes eumenoides (SMITH): GUSENLEITNER 2003: 169 (Tanzania).
Leptomenes eumenoides eumenoides (SMITH): GUSENLEITNER 2004: 142 (Tanzania).
Leptomenes eumenoides eumenoides (SMITH): GUSENLEITNER 2006: 659 (Niger).
 **Pachymenes congensis* n.sp.: BEQUAERT 1918: 88 (key, descr. ♂ ♀, figs 74-79, Democratic Republic of Congo), 283 (cat.), pl. 1 (fig. 2).
Pachymenes congensis BEQUAERT: SCHOUTEDEN 1919: 176 (Democratic Republic of Congo).
Leptomenes (Leptomenes) congensis (BEQUAERT): GIORDANI SOIKA 1939a: 87 (typ. gen.), 88 (tax.).
Pachymenes congoensis BEQUAERT: GIORDANI SOIKA 1941: 154, 186 (syn.).
- Distribution:** Burkina Faso, Burundi, Democratic Republic of Congo, Ethiopia, Gabon, Gambia, Ivory Coast, Mali, Niger, Senegal, South Africa, Tanzania, Uganda, Zambia, Zimbabwe.
- Known from the Palearctic Region (BINGHAM 1898).

***Leptomenes eumenoides claripes* GIORDANI SOIKA 1977**

- Leptomenes eumenoides claripes* n.sp.: GIORDANI SOIKA 1977: 111 (descr. ♀, Tanzania).
Leptomenes eumenoides claripes GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).
Leptomenes eumenoides claripes GIORDANI SOIKA: GUSENLEITNER 2003: 169 (Kenya, Tanzania).
- Distribution:** Kenya, Tanzania.

***Leptomenes major* GIORDANI SOIKA 1977**

- Leptomenes major* n.sp.: GIORDANI SOIKA 1977: 109 (key), 112 (descr. ♂ ♀, Kenya), 113 (fig. 3).
Leptomenes mayor (sic) GIORDANI SOIKA: GIORDANI SOIKA 1983: 120 (descr. ♂ ♀, fig. 18).
Leptomenes major GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).
Leptomenes major GIORDANI SOIKA: GUSENLEITNER 2002: 300 (Tanzania).
Leptomenes major GIORDANI SOIKA: GUSENLEITNER 2003: 169 (Tanzania).
- Distribution:** Kenya, Tanzania.

***Leptomenes pulawskii* GUSENLEITNER 1997**

- Leptomenes pulawskii* nov.spec. GUSENLEITNER 1997: 102 (descr. ♀, Zimbabwe), 104 (figs 4, 5).
- Distribution:** Zimbabwe.

***Leptomenes richardsi* GIORDANI SOIKA 1975**

Leptomenes richardsi n.sp.: GIORDANI SOIKA 1975: 8 (descr. ♂ ♀, Gabon, Ghana, Nigeria).

Leptomenes richardsi GIORDANI SOIKA: GIORDANI SOIKA 1977: 108 (key), 111 (tax.).

Leptomenes richardsi GIORDANI SOIKA: GIORDANI SOIKA 1987b: 152 (tax.).

Leptomenes richardsi GIORDANI SOIKA: GIORDANI SOIKA 1989: 30 (Gabon, Ivory Coast).

Leptomenes richardsi GIORDANI SOIKA: GUSENLEITNER 1992: 673 (Ghana, Ivory Coast).

Leptomenes richardsi GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

Leptomenes richardsi GIORDANI SOIKA: GUSENLEITNER 1999: 363 (Ivory Coast).

Leptomenes richardsi GIORDANI SOIKA: GUSENLEITNER 2006: 659 (Niger).

**Pachymenes astutus* (KOHL)?: BEQUAERT 1918: 88 (key), 90 (descr. ♂, fig. 80, Democratic Republic of Congo).

Distribution: Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Niger, Nigeria.

***Leptomenes stevensoni* GIORDANI SOIKA 1977**

Leptomenes stevensoni n.sp.: GIORDANI SOIKA 1977: 108 (key), 111 (descr. ♂ ♀, Zimbabwe).

Leptomenes stevensoni GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

Leptomenes stevensoni GIORDANI SOIKA: GUSENLEITNER 2004: 142 (Tanzania).

Leptomenes stevensoni GIORDANI SOIKA var.: GUSENLEITNER 2007: 959 (tax., Kenya).

Distribution: Kenya, Tanzania, Zimbabwe.

***Leptomenes ugandensis* GIORDANI SOIKA 1940**

Leptomenes (Leptomenes) ugandensis n.sp.: GIORDANI SOIKA 1940: 268 (descr. ♂ ♀, Uganda).

Leptomenes ugandensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., Uganda).

Leptomenes ugandensis GIORDANI SOIKA: GIORDANI SOIKA 1977: 108 (key), 111 (cat.).

Leptomenes (Leptomenes) ugandensis GIORDANI SOIKA: BORSATO & RATTI 1999: 98 (cat.).

Distribution: Uganda.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BINGHAM C.T. (1903): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, **12** (67): 46-69.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1939a): Sul genere *Pachymenes* e descrizione di un nuovo genere e di nuove specie (Hym. Vespidae). — Memorie della Società Entomologica Italiana **17**: 85-96.
- GIORDANI SOIKA A. (1940): Descrizione di nuove specie appartenenti al genere *Leptomenes* (Hym. Vespidae). — Memorie della Società Entomologica Italiana **18** (2): 268-282.

- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie **36**: 362-367.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1975): Notulae vespilogicae - XXXVIII. Su alcuni Eumenidi dell'Africa occidentale. — Bollettino del Museo Civico di Storia Naturale di Venezia **27**: 7-14.
- GIORDANI SOIKA A. (1977): Sui generi *Leptomenes* G.S., *Stroudia* GRIB. ed *Eumenidiopsis* G.S. (Hym., Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **28**: 105-151.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 151-156.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1997): Zwei neue Eumeniden-Arten aus Namibia und Zimbabwe (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **29** (1): 99-104.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.

- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine 6: 171-189.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

Genus *Micreumenes* ASHMEAD 1902

Description: ASHMEAD 1902: 207.

Typus generis: *Micreumenes curriei* ASHMEAD 1902.

Synonyms: *Hymenosmithia* von DALLA TORRE 1904, *Smithia* de SAUSSURE 1855.

Distribution: Ethiopian Region.

Valid species: 30.

Known subspecies: 2.

Micreumenes adelphus (MEADE-WALDO 1911)

Labus adelphus n.sp.: MEADE-WALDO 1911: 450 (key), 452 (descr. ♂, Uganda).

Labus adelphus MEADE-WALDO: BEQUAERT 1928: 148 (tax., Cameroon, Democratic Republic of Congo, Uganda).

Labus adelphus MEADE-WALDO: BEQUAERT 1938: 10 (cat.).

Labus adelphus MEADE-WALDO?: GUIGLIA 1939: 80 (tax., Ethiopia, Uganda).

Labus adelphus MEADE-WALDO: GIORDANI SOIKA 1944: 156 (key).

Labus adelphus MEADE-WALDO: GIORDANI SOIKA 1955: 363 (figs 1.4, 2.1).

Micreumenes adelphus (MEADE-WALDO): GIORDANI SOIKA 1983: 158 (key), 160 (tax., descr. ♂ ♀, Angola, Burundi, Cameroon, Democratic Republic of Congo, Kenya), 161 (figs 4-7).

Micreumenes adelphus (MEADE-WALDO): GUSENLEITNER 1992: 673 (Ivory Coast).

Micreumenes adelphus (MEADE-WALDO): GUSENLEITNER 2000a: 16 (Kenya, Zimbabwe).

Micreumenes adelphus (MEADE-WALDO): GUSENLEITNER 2002a: 300 (Tanzania).

**Labus maculicollis* CAMERON: MEADE-WALDO 1913: 51 (sen. syn.).

Labus maculicollis CAMERON: BEQUAERT 1918: 45 (key), 49 (descr. ♂ ♀, Democratic Republic of Congo), 50 (figs 26-31), 273 (cat. partim).

Labus maculicollis MEADE-WALDO: SCHOUTEDEN 1919: 173 (Democratic Republic of Congo partim).

**Labus urundiensis* n.sp.: GIORDANI SOIKA 1955: 363 (fig. 2.2), 363 (descr. ♂ ♀, fig. 3.2, Burundi).

Labus urundiensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 45 (tax., Burundi).

Labus urundiensis GIORDANI SOIKA: GIORDANI SOIKA 1975: 7 (Burundi, Nigeria).

Hymenosmithia urundiensis (GIORDANI SOIKA): MEDLER 1980: 476 (cat., Nigeria).

Labus urundiensis GIORDANI SOIKA: GIORDANI SOIKA 1983: 160 (syn.).

Labus urundiensis GIORDANI SOIKA: BORSATO & RATTI 1999: 98 (cat.).

Distribution: Angola, Burundi, Cameroon, Democratic Republic of Congo, Ethiopia (?), Ivory Coast, Kenya, Nigeria, Tanzania, Uganda, Zimbabwe.

Micreumenes annulipes (CAMERON 1910)

Labus annulipes n.sp.: CAMERON 1910: 182 (descr. ♂, Tanzania), 196 (cat.).

Labus annulipes CAMERON: MEADE-WALDO 1913: 50 (tax.).

Labus annulipes CAMERON: von SCHULTHESS 1913: 18 (tax.).

Labus annulipes CAMERON: BEQUAERT 1918: 49 (tax.), 273 (cat.).

- Labus annulipes* CAMERON: BEQUAERT 1928: 148 (tax., Ethiopia, Malawi, Zambia, Zimbabwe).
Labus annulipes CAMERON: SCOTT 1933 (In: BENSON et al.): 118 (Ethiopia).
Labus annulipes CAMERON: GUIGLIA 1939: 81 (descr. ♂, figs 1.1-4, Tanzania).
Labus annulipes CAMERON: GIORDANI SOIKA 1944: 155 (key).
Micreumenes annulipes (CAMERON): GIORDANI SOIKA 1983: 155 (key), 173 (tax., Burundi, Democratic Republic of Congo, Ethiopia, Republic of Congo, South Africa, Zambia), 174 (figs 24-27).
Micreumenes annulipes (CAMERON): GIORDANI SOIKA 1989b: 32 (Gabon, Senegal, Togo).
Micreumenes annulipes (CAMERON): GUSENLEITNER 1992: 673 (Ivory Coast, Senegal).
Micreumenes annulipes (CAMERON): GUSENLEITNER 2000a: 16 (Kenya).
Micreumenes annulipes (CAMERON): GUSENLEITNER 2002a: 300 (Tanzania).
Micreumenes annulipes (CAMERON): GUSENLEITNER 2004: 142 (Tanzania).
Micreumenes annulipes (CAMERON): GUSENLEITNER 2005a: 408 (Burkina Faso).
**Labus fragilis* n.sp.: MEADE-WALDO 1911: 450 (key), 452 (descr. ♀, Zambia, Zimbabwe).
Labus fragilis MEADE-WALDO: MEADE-WALDO 1913: 50 (syn.).

D i s t r i b u t i o n : Burkina Faso, Burundi, Democratic Republic of Congo, Gabon, Ethiopia, Ivory Coast, Kenya, Malawi, Senegal, Republic of Congo, South Africa, Tanzania, Togo, Zambia, Zimbabwe.

***Micreumenes aterrimus* (GIORDANI SOIKA 1944)**

- Labus aterrimus* n.sp.: GIORDANI SOIKA 1944: 150 (key, descr. ♂, Uganda).
Labus aterrimus GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Uganda).
Micreumenes aterrimus (GIORDANI SOIKA): GIORDANI SOIKA 1983: 156 (key), 175 (tax., descr. ♂, Uganda).
Micreumenes aterrimus (GIORDANI SOIKA): BORSATO & RATTI 1999: 67 (cat.).

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

***Micreumenes basilewskyi* (GIORDANI SOIKA 1955)**

- Labus basilewskyi* n.sp.: GIORDANI SOIKA 1955: 362 (descr. ♂ ♀, Burundi, Rwanda), 363 (figs 1.1-3, 1.5).
Labus basilewskyi GIORDANI SOIKA: GIORDANI SOIKA 1973: 45 (tax., Burundi).
Micreumenes basilewskyi (GIORDANI SOIKA): GIORDANI SOIKA 1983: 155 (key), 164 (tax.), 165 (fig. 12).
Micreumenes basilewskyi (GIORDANI SOIKA): BORSATO & RATTI 1999: 69 (cat.).

D i s t r i b u t i o n : Burundi, Rwanda.

***Micreumenes brevicornis* GUSENLEITNER 2005**

- Micreumenes brevicornis* nova spec.: GUSENLEITNER 2005b: 1180 (descr. ♂ ♀, Zambia), 1195 (fig. 6).

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

***Micreumenes clypeolaris* GIORDANI SOIKA 1983**

- Micreumenes clypeolaris* n.sp.: GIORDANI SOIKA 1983: 156 (key), 167 (descr. ♂, South Africa), 168 (figs 18, 19).
Micreumenes clypeolaris GIORDANI SOIKA: BORSATO & RATTI 1999: 72 (cat.).

D i s t r i b u t i o n : South Africa.

***Micreumenes crassipunctatus* GUSENLEITNER 2000**

Micreumenes crassipunctatus nova spec.: GUSENLEITNER 2000a: 8 (descr. ♂ ♀, Kenya), 17 (fig. 7).

Distribution: Kenya.

***Micreumenes curriei curriei* ASHMEAD 1902**

Micreumenes curriei n.sp.: ASHMEAD 1902: 207 (typ. gen., descr., Liberia).

Micreumenes curriei ASHMEAD: von DALLA TORRE 1904: 26 (cat.).

Micreumenes curriei ASHMEAD: GIORDANI SOIKA 1983: 154 (typ. gen.).

Micreumenes curriei ASHMEAD: van der VECHT & CARPENTER 1990: 34 (tax.).

**Labus* (?) *macrostylus* n.sp.: KOHL 1906: 232 (descr. ♀, Sierra Leone), 242 (key), pls 4 (fig. 20), 6 (figs 3, 26).

Labus macrostylus KOHL: BEQUAERT 1918: 46 (key, tax., descr. ♂ ♀, Democratic Republic of Congo, Liberia), 47 (figs 13-24), 273 (cat.).

Labus macrostylus KOHL: SCHOUTEDEN 1919: 173 (tax., Democratic Republic of Congo).

Labus macrostylus KOHL: BEQUAERT 1938: 10 (cat.).

Labus macrostylus KOHL: GIORDANI SOIKA 1944: 155 (key)

Labus macrostylus KOHL: GIORDANI SOIKA 1955: 362 (Burundi).

Labus macrostylus KOHL: GIORDANI SOIKA 1975: 7 (Eritrea, Nigeria).

Hymenosmithia macrostyla (KOHL): GIORDANI SOIKA 1977: 126 (tax., Cameroon).

Hymenosmithia macrostyla (KOHL): MEDLER 1980: 476 (cat., Nigeria).

Micreumenes macrostylus macrostylus (KOHL): GIORDANI SOIKA 1983: 155 (key), 169 (tax., descr. ♂ ♀, figs 20, 21, Cameroon, Democratic Republic of Congo, Gabon, Malawi, Nigeria, Republic of Congo, Senegal, Uganda).

Micreumenes macrostylus (KOHL): GIORDANI SOIKA 1989b: 32 (Ivory Coast).

Labus macrostylus KOHL: van der VECHT & CARPENTER 1990: 34 (syn.).

Micreumenes macrostylus (KOHL): GUSENLEITNER 1992: 674 (Ghana, Ivory Coast, Togo).

Micreumenes macrostylus (KOHL): GUSENLEITNER 2000a: 18 (fig. 13).

Micreumenes macrostylus (KOHL): GUSENLEITNER 2000b: 918 (Gambia).

Distribution: Burundi, Cameroon, Democratic Republic of Congo, Eritrea, Gabon, Gambia, Ghana, Ivory Coast, Liberia, Malawi, Nigeria, Senegal, Republic of Congo, Sierra Leone, Togo, Uganda.

***Micreumenes curriei zimbabwensis* GIORDANI SOIKA 1983**

Micreumenes macrostylus zimbabwensis n.sp.: GIORDANI SOIKA 1983: 170 (descr. ♂ ♀, Zimbabwe).

Micreumenes macrostylus zimbabwensis GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

Distribution: Zimbabwe.

***Micreumenes glaber glaber* GIORDANI SOIKA 1983**

Micreumenes glaber glaber n.sp.: GIORDANI SOIKA 1983: 156 (key), 171 (fig. 23), 172 (descr. ♂, Angola, Democratic Republic of Congo, Republic of Congo, Tanzania).

Micreumenes glaber GIORDANI SOIKA: GIORDANI SOIKA 1989b: 32 (Togo).

Micreumenes glaber GIORDANI SOIKA: GUSENLEITNER 1992: 673 (Ghana, Ivory Coast, Senegal).

Micreumenes glaber GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

Micreumenes glaber GIORDANI SOIKA: GUSENLEITNER 2000a: 16 (Kenya), 18 (figs 9, 11).

Micreumenes glaber GIORDANI SOIKA: GUSENLEITNER 2005a: 408 (Burkina Faso).

Distribution: Angola, Burkina Faso, Democratic Republic of Congo, Ghana, Ivory Coast, Kenya, Republic of Congo, Senegal, Tanzania, Togo.

Known from the Palearctic Region.

***Micreumenes glaber rufinus* GIORDANI SOIKA 1983**

Micreumenes glaber rufinus n.ssp.: GIORDANI SOIKA 1983: 173 (descr. ♂ ♀, South Africa).

Micreumenes glaber rufinus GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : South Africa.

***Micreumenes guillarmodi* GIORDANI SOIKA 1983**

Micreumenes guillarmodi n.sp.: GIORDANI SOIKA 1983: 156 (key), 171 (descr. ♂, fig. 22, South Africa).

Micreumenes guillarmodi GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : South Africa.

***Micreumenes kelneri* GIORDANI SOIKA 1983**

Micreumenes kelneri n.sp.: GIORDANI SOIKA 1983: 155 (key), 157 (pl. 1)158 (descr. ♂ ♀, Angola, Cameroon, Democratic Republic of Congo, Ghana, Republic of Congo, Uganda), 159 (figs 1-3).

Micreumenes kelneri GIORDANI SOIKA: GIORDANI SOIKA 1989b: 32 (Gabon, Ivory Coast).

Micreumenes kelneri GIORDANI SOIKA: GUSENLEITNER 1992: 673 (Ghana, Ivory Coast, Togo).

Micreumenes kelneri GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

Micreumenes kelneri GIORDANI SOIKA: GUSENLEITNER 1999: 363 (Ivory Coast).

Micreumenes kelneri GIORDANI SOIKA: GUSENLEITNER 2000a: 16 (Zimbabwe).

D i s t r i b u t i o n : Angola, Cameroon, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Republic of Congo, Togo, Uganda, Zimbabwe.

***Micreumenes kenyaensis* GUSENLEITNER 2000**

Micreumenes kenyaensis nova spec.: GUSENLEITNER 2000a: 11 (descr. ♂ ♀, Kenya), 18 (fig. 10).

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

***Micreumenes marci* GUSENLEITNER 2000**

Micreumenes marci nova spec.: GUSENLEITNER 2000a: 5 (descr. ♂ ♀, Kenya), 17 (figs 2-4).

Micreumenes marci GUSENLEITNER: GUSENLEITNER 2003: 169 (Kenya).

Micreumenes marci GUSENLEITNER: GUSENLEITNER 2004: 142 (Kenya, Tanzania).

D i s t r i b u t i o n : Kenya, Tanzania.

***Micreumenes microspinae* GUSENLEITNER 2000**

Micreumenes microspinae nova spec.: GUSENLEITNER 2000a: 14 (descr. ♂, Zimbabwe), 18 (figs 15, 16).

Micreumenes microspinae GUSENLEITNER: GUSENLEITNER 2002a: 300 (Tanzania).

D i s t r i b u t i o n : Tanzania, Zimbabwe.

***Micreumenes mozambicanus* (GIORDANI SOIKA 1944)**

Labus mozambicanus n.sp.: GIORDANI SOIKA 1944: 155 (key, descr. ♂, Mozambique).

Labus mozambicanus GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Mozambique).

Micreumenes mozambicanus (GIORDANI SOIKA): GIORDANI SOIKA 1983: 158 (key), 165 (tax., Mozambique).

Micreumenes mozambicanus (GIORDANI SOIKA): BORSATO & RATTI 1999: 86 (cat.).

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

***Micreumenes mutarensis* GUSENLEITNER 2002**

Micreumenes mutarensis nova spec.: GUSENLEITNER 2002b: 312 (descr. ♂ ♀, Tanzania, Togo, Zambia, Zimbabwe), 320 (figs 2, 3).

D i s t r i b u t i o n : Tanzania, Togo, Zambia, Zimbabwe.

***Micreumenes natalensis* (de SAUSSURE 1855)**

Smithia natalensis n.sp.: de SAUSSURE 1855: 371 (typ. gen., descr. ♂, South Africa).

Smithia natalensis de SAUSSURE: SMITH 1857: 5 (cat.), pl. 1 (fig. 5).

Smithia natalensis de SAUSSURE: de DALLA TORRE 1894: 8 (cat.).

Smithia natalensis de SAUSSURE: ASHMEAD 1902: 210 (key).

Hymenosmithia natalensis (de SAUSSURE): von DALLA TORRE 1904: 61 (tax., cat.).

Labus natalensis (de SAUSSURE): BEQUAERT 1918: 43, 274 (tax., cat).

Labus natalensis (de SAUSSURE): BEQUAERT 1928: 147 (tax., Angola, South Africa, Tanzania).

Labus natalensis (de SAUSSURE): GIORDANI SOIKA 1944: 156 (key).

Labus natalensis (de SAUSSURE): GIORDANI SOIKA 1955: 363 (fig. 2.3), 364 (fig. 3.3).

Hymenosmithia natalensis (de SAUSSURE): GIORDANI SOIKA 1977: 125 (tax.).

Micreumenes natalensis (de SAUSSURE): GIORDANI SOIKA 1983: 155 (key), 163 (tax., descr. ♂ ♀, figs 8-11, South Africa).

**Labus annulatus* n.sp.: MEADE-WALDO 1910: 36 (descr. ♂ ♀, South Africa).

Labus annulatus MEADE-WALDO: MEADE-WALDO 1911: 450 (key).

Labus annulatus MEADE-WALDO: LONGSTAFF 1912: 214 (Zimbabwe).

Labus annulatus MEADE-WALDO: BEQUAERT 1918: 273 (cat.).

Labus annulatus MEADE-WALDO: BEQUAERT 1928: 147 (syn.).

**Labus maculicollis* n.sp.: CAMERON 1910: 181 (descr. ♂ ♀, Tanzania), 196 (cat.).

Labus maculicollis CAMERON: MEADE-WALDO 1913: 51 (tax.).

Labus maculicollis CAMERON: von SCHULTHESS 1913: 18 (tax.).

Labus maculicollis CAMERON: BEQUAERT 1918: 273 (cat. partim).

Labus maculicollis CAMERON: SCHOUTEDEN 1919: 173 (Democratic Republic of Congo).

Labus maculicollis CAMERON: BEQUAERT 1928: 147 (syn.).

Labus maculicollis CAMERON: GUIGLIA 1939: 82 (descr. ♀, Tanzania), 83 (figs 2.1-4).

Labus maculicollis CAMERON: GIORDANI SOIKA 1983: 163 (syn.).

D i s t r i b u t i o n : Angola, Democratic Republic of Congo, South Africa, Tanzania, Zimbabwe.

***Micreumenes nigerrimus* GUSENLEITNER 2000**

Micreumenes nigerrimus nova spec.: GUSENLEITNER 2000a: 4 (descr. ♀, Kenya), 17 (fig. 1).

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

***Micreumenes nigrorufus* GIORDANI SOIKA 1989**

Micreumenes nigrorufus n.sp.: GIORDANI SOIKA 1989a: 39 (descr. ♀, Namibia).

Micreumenes nigrorufus GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

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

***Micreumenes notabilis* GIORDANI SOIKA 1983**

Micreumenes notabilis n.sp.: GIORDANI SOIKA 1983: 156 (key), 165 (descr. ♂ ♀, Democratic Republic of Congo), 166 (figs 13-17).

Micreumenes notabilis GIORDANI SOIKA: GUSENLEITNER 1992: 674 (Ivory Coast).

Micreumenes notabilis GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo, Ivory Coast.

***Micreumenes obscurus* GUSENLEITNER 2000**

Micreumenes obscurus nova spec.: GUSENLEITNER 2000a: 13 (descr. ♂, Zimbabwe), 18 (figs 12, 14).

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

***Micreumenes perversus* GIORDANI SOIKA 1989**

Micreumenes perversus n.sp.: GIORDANI SOIKA 1989a: 38 (descr. ♀, Kenya).

Micreumenes perversus GIORDANI SOIKA: BORSATO & RATTI 1999: 89 (cat.).

Micreumenes perversus GIORDANI SOIKA: GUSENLEITNER 2004: 142 (Tanzania).

D i s t r i b u t i o n : Kenya, Tanzania.

***Micreumenes petri* GUSENLEITNER 2000**

Micreumenes petri nova spec.: GUSENLEITNER 2000a: 6 (descr. ♂ ♀, Kenya), 17 (figs 5, 6).

Micreumenes petri GUSENLEITNER: GUSENLEITNER 2003: 168 (Kenya).

Micreumenes petri GUSENLEITNER: GUSENLEITNER 2004: 142 (Kenya, Tanzania).

D i s t r i b u t i o n : Kenya, Tanzania.

***Micreumenes ruficlypeus* GUSENLEITNER 1998**

Micreumenes ruficlypeus nova spec.: GUSENLEITNER 1998: 183 (descr. ♂ ♀, Tanzania (Zanzibar)), 193 (fig. 1).

Micreumenes ruficlypeus GUSENLEITNER: GUSENLEITNER 2002a: 300 (Tanzania).

D i s t r i b u t i o n : Tanzania (Tanzania, Zanzibar).

***Micreumenes rufipes* (CAMERON 1905) new combination**

Smithia ? rufipes sp.nov.: CAMERON 1905: 230 (descr. ♂, South Africa).

Labus rufipes (CAMERON): BEQUAERT 1918: 274 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Micreumenes separandus* GUSENLEITNER 2002**

Micreumenes separandus nov.spec.: GUSENLEITNER 2002a: 300 (descr. ♂ ♀, Tanzania).

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

***Micreumenes snellingi* GUSENLEITNER 2002**

Micreumenes snellingi nova spec.: GUSENLEITNER 2002c: 1113 (descr. ♂ ♀, Kenya).

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

***Micreumenes subtilis* GUSENLEITNER 2007**

Micreumenes subtilis nov.sp.: GUSENLEITNER 2007: 957 (descr. ♂, Kenya), 967 (figs 1-3).

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

***Microumenes voiensis* GUSENLEITNER 2000**

Microumenes voiensis nova spec.: GUSENLEITNER 2000a: 10 (descr. ♂ ♀, Kenya), 17 (fig. 8).

Distribution: Kenya.

References

- ASHMEAD W. (1902): Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea 7. — Canadian Entomologist **34** (8): 203-210.
- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — Annals and Magazine of Natural History, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: Exploration du Parc National Albert. Mission G.F. DE WITTE **11**: 10 pp.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- CAMERON P. (1905): On some new Genera and Species of Hymenoptera from Cape Colony and Transvaal. — Transactions of the South African Philosophical Society **15**: 195-257.
- CAMERON P. (1910): Vespidae. — In: SJÖSTEDT Y. (ed.), Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — Atti dell'Istituto Veneto di Scienze, Lettere et Arti, **103** (2): 149-178.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie, **36**: 362-367.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1975): Notulae vespilogicae – XXXVIII. Su alcuni Eumenidi dell'Africa occidentale. — Bollettino del Museo Civico di Storia Naturale di Venezia **27**: 7-14.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — Steenstrupia **4** (8): 125-129.
- GIORDANI SOIKA A. (1983): Revisione del genere *Microumenes* ASHM. (Hym. Vesp.). — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 153-175.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.

- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauaniques de Gembloux **20**: 23-67.
- GUIGLIA D. (1939): Missione al Lago Tana diretta de G. DAINELLI (1937) – Hymenoptera Aculeata. — Memorie della Società Entomologica Italiana **18**: 80-92.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1998): Weitere neue Arten der Familie Eumenidae aus Kontinentalafrika und Madagaskar (Hymenoptera, Eumenidae). — Linzer biologische Beiträge **30** (1): 183-194.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2000a): Beitrag zur Kenntnis der Gattung *Micreumenes* ASHMEAD 1902 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **32** (1): 3-18.
- GUSENLEITNER J. (2000b): Über Vespoidea aus Gambia (Hymenoptera, Vespidae, Eumenidae). — Linzer biologische Beiträge **32** (2): 917-921.
- GUSENLEITNER J. (2002a): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2002b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (1): 307-320.
- GUSENLEITNER J. (2002c): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 2 (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (2): 1101-1121.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005a): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2005b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, 71: 169-301.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN's, GREEN & Co): VII-XX, 729 pp, 16 pls.
- MEADE-WALDO G. (1910): New Species of Diploptera in the Collection of the British Museum. Part I. — Annals and Magazine of Natural History, 8. series, **5** (25): 30-51.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diploptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **8** (46): 444-457.
- MEADE-WALDO G. (1913): New Species of Diploptera in the Collection of the British Museum. Part IV. — Annals and Magazine of Natural History, 8. series, **11** (61): 44-54.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.

- SAUSSURE H. DE (1855): Description de quelques nouvelles espèces de Vespides du Musée de Londres. — *Revue et Magasin de Zoologie pure et appliquée*, 2^e série, 7: 371-375.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — *Revue Zoologique Africaine* 6: 171-189.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* 8 (2-3: 17): 24 pp.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- VECHT J. van der & J.M. CARPENTER (1990): A catalogue of the genera of the Vespidae (Hymenoptera). — *Zoologische Verhandelingen* 260: 62 pp.

Genus *Nirtenia* GIORDANI SOIKA 1989

Description: GIORDANI SOIKA 1989: 25.
Typus generis: *Nirtenia propodealis* GIORDANI SOIKA 1989.
Distribution: Ethiopian Region.
Valid species: 1.

***Nirtenia propodealis* GIORDANI SOIKA 1989**

Nirtenia propodealis n.sp.: GIORDANI SOIKA 1989: 25 (typ. gen., descr. ♀, Republic of Congo), 26 (fig. 5), 27 (fig. 6).
Nirtenia propodealis GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (cat.).
D i s t r i b u t i o n : Republic of Congo.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* 77: 43-103.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* 14 (1): 19-68.

Genus *Odynerus* LATREILLE 1802

Description: LATREILLE 1802: 362.
Synonyms: *Epipone* KIRBY & SPENCE 1815, *Euepipona* von DALLA TORRE 1904, *Oplomerus* WESTWOOD 1836.
Typus generis: *Vespa spinipes* LINNAEUS 1758.
Subgenus: *Odynerus*.
Distribution: Ethiopian, Nearctic and Palearctic Region.
Valid species: 2.

***Odynerus (Odynerus) pacator* GIORDANI SOIKA 1960**

Odynerus pacator n.sp.: GIORDANI SOIKA 1960: 362 (key), 365 (descr. ♂ ♀, South Africa), 367 (fig. 2).
Odynerus pacator GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., South Africa).
Odynerus pacator GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).
D i s t r i b u t i o n : South Africa.

***Odynerus (Odynerus) simplex* BINGHAM 1902**

Odynerus (Hoplopus) simplex n.sp.: BINGHAM 1902: 222 (descr. ♂, South Africa).

Odynerus simplex BINGHAM: von DALLA TORRE 1904: 54 (cat.).

Odynerus (Hoplopus) simplex BINGHAM: MEADE-WALDO 1915: 488 (tax., South Africa, cat.), 498 (key).

Odynerus (Odynerus) simplex BINGHAM: BEQUAERT 1918: 291 (tax., cat.).

Odynerus simplex BINGHAM: GIORDANI SOIKA 1960: 362 (key, tax., descr. ♂ ♀, South Africa), 363 (fig. 1).

Odynerus simplex BINGHAM: GIORDANI SOIKA 1973: 52 (tax., South Africa).

D i s t r i b u t i o n : South Africa.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, **10** (57): 207-222.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1960): Notulae vespilogicae XIV - XV - XVI. — Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan **99** (4): 361-409.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.

Genus *Omicrabulus* GIORDANI SOIKA 1987

Description: GIORDANI SOIKA 1987: 154.

Typus generis: *Labus saganensis* GIORDANI SOIKA 1944.

Distribution: Ethiopian Region.

Valid species: 6.

Known subspecies: 1.

***Omicrabulus admonitor* GIORDANI SOIKA 1989**

Omicrabulus admonitor n.sp.: GIORDANI SOIKA 1989: 37 (descr. ♀, figs 13, 14, Kenya).

Omicrabulus admonitor GIORDANI SOIKA: BORSATO & RATTI 1999: 65 (cat.).

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

***Omicrabulus arabicus* GUSENLEITNER 2002**

Omicrabulus arabicus GIORDANI SOIKA: GUSENLEITNER 2003: 168 (Tanzania).

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

Known from the Palearctic Region.

***Omicrabulus baidoensis* GIORDANI SOIKA 1989**

Omicrabulus baidoensis n.sp.: GIORDANI SOIKA 1989: 38 (descr. ♀, Somalia).

Omicrabulus baidoensis GIORDANI SOIKA: BORSATO & RATTI 1999: 68 (cat.).

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

***Omicrabulus punctatissimus* GUSENLEITNER 2000**

Omicrabulus punctatissimus nova spec.: GUSENLEITNER 2000: 23 (descr. ♂, Zimbabwe), 27 (figs 6, 7).

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

***Omicrabulus saganensis saganensis* (GIORDANI SOIKA 1944)**

Labus saganensis n.sp.: GIORDANI SOIKA 1944: 153 (key, descr. ♂ ♀, Ethiopia, Mozambique).

Labus saganensis GIORDANI SOIKA: GIORDANI SOIKA 1952: 74 (descr. ♀, Ethiopia).

Labus saganensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Ethiopia, Mozambique).

Cyrtolabulus saganensis (GIORDANI SOIKA): GIORDANI SOIKA 1983a: 124 (tax., Ethiopia, Kenya, Mozambique, Sudan, Tanzania).

Cyrtolabulus saganensis (GIORDANI SOIKA): GIORDANI SOIKA 1983b: 154 (cat.).

Omicrabulus saganensis saganensis (GIORDANI SOIKA): GIORDANI SOIKA 1987: 154 (tax., typ. gen., Kenya, Sudan, Tanzania, Zimbabwe), 155 (pl. 2).

Omicrabulus saganensis (GIORDANI SOIKA): GIORDANI SOIKA 1989: 37 (tax., descr. ♀).

Omicrabulus saganensis saganensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 93 (cat.).

D i s t r i b u t i o n : Ethiopia, Kenya, Mozambique, Sudan, Tanzania, Zimbabwe.

***Omicrabulus saganensis corruptus* GIORDANI SOIKA 1987**

Omicrabulus saganensis corruptus n.ssp.: GIORDANI SOIKA 1987: 154 (descr. ♂ ♀, Kenya, Malawi).

Omicrabulus saganensis corruptus GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).

D i s t r i b u t i o n : Kenya, Malawi.

***Omicrabulus triangularis* (GIORDANI SOIKA 1944)**

Labus triangularis n.sp.: GIORDANI SOIKA 1944: 154 (key, descr. ♀, South Africa).

Omicrabulus triangularis (GIORDANI SOIKA): GIORDANI SOIKA 1973: 36 (tax., South Africa).

Cyrtolabulus triangularis (GIORDANI SOIKA): GIORDANI SOIKA 1983a: 123 (tax.).

Cyrtolabulus triangularis (GIORDANI SOIKA): GIORDANI SOIKA 1983b: 154 (cat.).

Omicrabulus triangularis (GIORDANI SOIKA): GIORDANI SOIKA 1987: 154, 156 (tax., Zimbabwe).

Omicrabulus triangularis (GIORDANI SOIKA): BORSATO & RATTI 1999: 97 (cat.).

D i s t r i b u t i o n : South Africa, Zimbabwe.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — *Atti dell'Istituto Veneto di Scienze, Lettere et Arti*, **103** (2): 149-178.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1983a): Contributo alla conoscenza Eumenidi afrotropicale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **33**: 97-151.
- GIORDANI SOIKA A. (1983b): Revisione del genere *Micreumenes* ASHM. (Hym. Vesp.). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **33**: 153-175.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- GUSENLEITNER J. (2000): Neue Eumeniden aus Kenya, Mali und Zimbabwe (Hymenoptera, Vespoidea, Eumenidae). — *Linzer biologische Beiträge* **32** (1): 19-27.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **35** (1): 167-172.

Genus *Ovodynerus* GIORDANI SOIKA 1985

Description: GIORDANI SOIKA 1985: 130.
 Typus generis: *Odynerus capicola* MEADE-WALDO 1915.
 Distribution: Ethiopian Region.
 Valid species: 11.
 Known subspecies: 1.

Ovodynerus ashtonensis GUSENLEITNER 2005

Ovodynerus ashtonensis nova spec.: GUSENLEITNER 2005b: 1192 (descr. ♂, South Africa), 1197 (fig. 17), 1198 (figs 19, 21).

D i s t r i b u t i o n : South Africa.

Ovodynerus capicola (MEADE-WALDO 1915)

Odynerus (Lionotus) capicola n.sp.: MEADE-WALDO 1915: 487 (cat.), 495 (key), 512 (descr. ♂ ♀, South Africa).

Odynerus (Rygdium) capicola MEADE-WALDO: BEQUAERT 1918: 294 (tax., cat.).

Odynerus capicola MEADE-WALDO: GIORDANI SOIKA 1935: 12 (syn. of *Odynerus sjöstedti*).

Ovodynerus capicola (MEADE-WALDO): GIORDANI SOIKA 1985: 130 (typ. gen.), 131 (key), 133 (tax., descr. ♂ ♀, figs 44, 45, South Africa), 135 (fig. 46).

D i s t r i b u t i o n : South Africa.

***Ovodynerus chapini* (BEQUAERT 1918)**

Odynerus (Rygchium) chapini n.sp.: BEQUAERT 1918: 131 (key), 188 (descr. ♂ ♀, Democratic Republic of Congo), 189 (figs 209-213), 295 (cat.).

Ovodynerus chapini (BEQUAERT): GIORDANI SOIKA 1985: 132 (key), 139 (tax., Democratic Republic of Congo).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Ovodynerus ferrugineimaculatus* GIORDANI SOIKA 1985**

Ovodynerus ferrugineimaculatus n.sp.: GIORDANI SOIKA 1985: 131 (key), 137 (descr. ♂ ♀, South Africa, Zimbabwe).

Ovodynerus ferrugineimaculatus GIORDANI SOIKA: BORSATO & RATTI 1999: 76 (cat.).

Ovodynerus ferrugineimaculatus GIORDANI SOIKA: GUSENLEITNER 2005b: 1197 (fig. 18), 1198 (figs 20, 22).

D i s t r i b u t i o n : South Africa, Zimbabwe.

***Ovodynerus humeralis* GIORDANI SOIKA 1989**

Ovodynerus humeralis n.sp.: GIORDANI SOIKA 1989: 47 (descr. ♂, Burkina Faso, Chad).

Ovodynerus humeralis GIORDANI SOIKA: GUSENLEITNER 1992: 677 (Ghana, Mali, Senegal).

Ovodynerus humeralis GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

Ovodynerus humeralis GIORDANI SOIKA: GUSENLEITNER 2005a: 409 (Burkina Faso).

D i s t r i b u t i o n : Burkina Faso, Chad, Ghana, Mali, Senegal.

***Ovodynerus kabarensis* (BEQUAERT 1918)**

Odynerus (Rygchium) kabarensis n.sp.: BEQUAERT 1918: 131 (key), 186 (descr. ♂ ♀, Democratic Republic of Congo), 187 (figs 203-208), 303 (cat.).

Ovodynerus kabarensis BEQUAERT: BEQUAERT 1938: 10 (cat.).

Ovodynerus kabarensis (BEQUAERT): GIORDANI SOIKA 1985: 132 (key), 141 (tax., Tanzania, Democratic Republic of Congo).

D i s t r i b u t i o n : Democratic Republic of Congo, Tanzania.

***Ovodynerus leviclypeus* GUSENLEITNER 1999**

Ovodynerus leviclypeus nova spec.: GUSENLEITNER 1999: 357 (descr. ♂ ♀, Kenya).

Ovodynerus leviclypeus GUSENLEITNER: GUSENLEITNER 2002: 302 (Tanzania).

D i s t r i b u t i o n : Kenya, Tanzania.

***Ovodynerus sjoestedti* (CAMERON 1910)**

Odynerus sjoestedti n.sp.: CAMERON 1910: 188 (descr. ♀, Tanzania).

Odynerus (Lionotus) sjoestedti CAMERON: MEADE-WALDO 1913: 53 (tax., key).

Odynerus (Lionotus) sjoestedti CAMERON: von SCHULTHESS 1913: 15 (key, tax., descr. ♂ ♀, Tanzania), 22 (fig. 10b).

Odynerus (Lionotus) sjoestedti CAMERON: MEADE-WALDO 1915: 487 (cat.), 492 (key), 507 (tax.).

Odynerus (Rygchium) sjoestedti CAMERON: BEQUAERT 1918: 311 (tax., cat.).

Odynerus (Rygchium) sjoestedti (CAMERON): GIORDANI SOIKA 1935: 12 (tax., Mozambique).

Odontodynerus sjoestedti (CAMERON): GIORDANI SOIKA 1952: 85 (tax., key).

Ovodynerus sjoestedti (CAMERON): GIORDANI SOIKA 1985: 132 (key), 138 (tax., figs 47, 48, Democratic Republic of Congo, Eritrea, Ethiopia, Namibia, Somalia, South Africa, Uganda, Zambia, Zimbabwe).

Ovodynerus sjöstedti (CAMERON): GIORDANI SOIKA 1987b: 154 (Kenya).

Ovodynerus sjoestedti (CAMERON): GUSENLEITNER 2002: 302 (Tanzania).

Ovodynerus sjoestedti (CAMERON): GUSENLEITNER 2003: 169 (Tanzania).

Ovodynerus sjoestedti (CAMERON): GUSENLEITNER 2004: 144 (Tanzania).

Distribution: Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Namibia, Mozambique, Somalia, South Africa, Tanzania, Uganda, Zambia, Zimbabwe.

***Ovodynerus tricoloratus* GUSENLEITNER 2003**

Ovodynerus tricoloratus nova spec.: GUSENLEITNER 2003: 169 (descr. ♀, Kenya, Tanzania).

Ovodynerus tricoloratus GUSENLEITNER: GUSENLEITNER 2004: 144 (descr. ♂, Kenya, Tanzania).

Distribution: Kenya, Tanzania.

***Ovodynerus willowmorensis willowmorensis* GIORDANI SOIKA 1985**

Ovodynerus willowmorensis n.sp.: GIORDANI SOIKA 1985: 132 (key), 139 (descr. ♂ ♀, Namibia, South Africa).

Ovodynerus willowmorensis willowmorensis GIORDANI SOIKA: BORSATO & RATTI 1999: 99 (cat.).

Distribution: Namibia, South Africa.

***Ovodynerus willowmorensis erlandssoni* GIORDANI SOIKA 1987**

Ovodynerus willowmorensis erlandssoni n.ssp.: GIORDANI SOIKA 1987a: 172 (descr., Namibia).

Ovodynerus willowmorensis erlandssoni GIORDANI SOIKA: BORSATO & RATTI 1999: 99 (cat.).

Distribution: Namibia.

***Ovodynerus yngvei* (CAMERON 1910)**

Odynerus yngvei n.sp.: CAMERON 1910: 188 (descr. ♂, Tanzania), 196 (cat.).

Odynerus (Lionotus) yngvei CAMERON: MEADE-WALDO 1913: 53 (tax., key).

Odynerus (Lionotus) yngvei CAMERON: von SCHULTHESS 1913: 18 (key).

Odynerus yngvei CAMERON: MEADE-WALDO 1915: 507 (syn. of *Odynerus sjöstedti*).

Odynerus (Rygchium) yngvei CAMERON: BEQUAERT 1918: 186 (tax.), 315 (tax., cat.).

Ovodynerus yngvei (CAMERON): GIORDANI SOIKA 1985: 131 (key), 142 (tax., Eritrea, Kenya, Tanzania).

Ovodynerus yngvei (CAMERON): GUSENLEITNER 2003: 169 (Kenya).

**Odynerus (Rhynchium) subcarinatus* n.sp.: GIORDANI SOIKA 1939: 91 (descr. ♀, Ethiopia), 92 (figs 5.1-6).

Odynerus (Rhynchium) subcarinatus GIORDANI SOIKA in litt.: GUIGLIA 1939a: 191 (Eritrea).

Odynerus (Rhynchium) subcarinatus GIORDANI SOIKA in litt.: GUIGLIA 1939b: 51 (Ethiopia).

Odontodynerus subcarinatus (GIORDANI SOIKA): GIORDANI SOIKA 1952: 85 (key, tax., Ethiopia).

Odynerus subcarinatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., Ethiopia).

Odynerus subcarinatus GIORDANI SOIKA: GIORDANI SOIKA 1985: 142 (syn.).

Odynerus (Rhynchium) subcarinatus GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

Distribution: Eritrea, Ethiopia, Kenya, Tanzania.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Dipterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: *Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935)* **11**: 10 pp.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- CAMERON P. (1910): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaissteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT* **2**: 169-196.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune de Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — *Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I*, **82**: 18 pp.
- GIORDANI SOIKA A. (1939): Hymenoptera. Descrizione di alcuni Vespidi solitari. — In: ZAVATTARI E. (ed.), *Missione biologica nel paese dei Borana 2. Raccolte zoologiche* **3**: 79-95.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1985): Revisione delle specie afrotropicali del genere *Antepipona* SAUSS. e generi affini (Hym. Vesp.). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **34**: 29-162.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **37**: 151-156.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GUIGLIA D. (1939a): Imenotteri aculeati raccolti in Eritrea e in Etiopia dal Ten. Colon. Dr. Giorgio INVREA. — *Memorie della Società Entomologica Italiana* **17**: 188-204.
- GUIGLIA D. (1939b): Hymenoptera. Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. — In: ZAVATTARI E. (ed.), *Missione Biologica nel paese dei Borana. Raccolte zoologiche* **3**: 45-77.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.
- GUSENLEITNER J. (1999): Neue Eumeniden aus dem südlichen Afrika und Kenya (Hymenoptera, Vespoidea, Eumenidae). — *Linzer biologische Beiträge* **31** (1): 351-361.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **36** (1): 137-149.

- GUSENLEITNER J. (2005a): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2005b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — Annals and Magazine of Natural History, 8. series, **11** (61): 44-54.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — Arkiv för Zoologi **8** (2-3: 17): 24 pp.

Genus *Pachodynerus* de SAUSSURE 1870

Description: de SAUSSURE 1870: 56.

Typus generis: *Odynerus californicus* de SAUSSURE 1870.

Distribution: Australian, Ethiopian, Nearctic and Neotropical Region.

Valid species: 1.

***Pachodynerus erynnis* (LEPELETIER de SAINT-FARJEAU 1841)**

Pachodynerus erynnis (LEPELETIER de SAINT-FARJEAU): ASHMOLE & ASHMOLE 1997: 585 (Ascension).

Pachodynerus erynnis (LEPELETIER de SAINT-FARJEAU): ASHMOLE & ASHMOLE 2000: 378 (Ascension).

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

Known from the Nearctic Region.

References

- ASHMOLE N.P. & M.J. ASHMOLE (1997): The land fauna of Ascension Island: new data from caves and lava flows, and a reconstruction of the prehistoric ecosystem. — Journal of Biogeography **24** (5): 549-589.
- ASHMOLE P. & M. ASHMOLE (2000): St Helena and Ascension Island: a natural history. — Shropshire (A. NELSON): 475 pp., unnumbered pages of index.
- CARPENTER J.M. & B.R.GARCETE-BARRETT (2003): A key to the neotropical genera of Eumeninae (Hymenoptera: Vespidae). — Bollettino del Museo Nacional de Historia Natural del Paraguay **14** (1-2): 52-73.

Genus *Paramischocyttarus* MAGRETTI 1884

Description: MAGRETTI 1884a: 250.

Typus generis: *Paramischocyttarus subtilis* MAGRETTI 1884.

Synonym: *Tanyzethus* CAMERON 1910.

Distribution: Ethiopian and Palearctic Region.

Valid species: 4.

***Paramischocyttarus buyssoni* GRIBODO 1896**

- Paramischocyttarus* (sic) *buyssoni* n.sp.: GRIBODO 1896: 15 (descr. ♂, Senegal).
Paramischocyttarus buyssoni GRIBODO: von DALLA TORRE 1904: 83 (cat.).
Paramischocyttarus ? *buyssoni* GRIBODO: BEQUAERT 1918: 37 (biol., Democratic Republic of Congo).
Paramischocyttarus buyssoni GRIBODO: BEQUAERT 1918: 38 (descr. ♂ ♀, Democratic Republic of Congo), 39 (figs 7-12), 272 (cat.), pl. 1 (fig. 1).
Paramischocyttarus buyssoni GRIBODO: SCHOUTEDEN 1919: 173 (Democratic Republic of Congo).
Paramischocyttarus buyssoni GRIBODO: du BUYSSON 1922: 974 (Kenya), pl. 1h8 (figs 6, 7).
Paramischocyttarus buyssoni MAQR. (sic): von SCHULTHESS 1923: 135 (Namibia).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1935: 1 (Mozambique, South Africa).
Paramischocyttarus buyssoni GRIBODO: BEQUAERT 1938: 10 (cat.).
Paramischocyttarus buyssoni GRIBODO: BERLAND & GRASSÉ 1951: 1127 (figs 1004A-C).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1955: 362 (Burundi).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1979a: 57 (fig. 54), 58 (key, figs 57, 60), 61 (descr. ♂ ♀, Chad, Democratic Republic of Congo, Ethiopia, Ghana, Kenya, Malawi, Mozambique, Nigeria, Republic of Congo, Senegal, South Africa, Tanzania, Uganda, Zambia, Zimbabwe), 62 (figs 66-69).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1979b: 235 (Niger).
Paramischocyttarus buyssoni GRIBODO: MEDLER 1980: 476 (cat., Nigeria).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1987b: 151 (Gambia).
Paramischocyttarus buyssoni GRIBODO: GIORDANI SOIKA 1989: 28 (Burkina Faso, Gabon, Togo).
Paramischocyttarus buyssoni GRIBODO: GUSENLEITNER 1992: 672 (Ghana, Ivory Coast).
Paramischocyttarus buyssoni GRIBODO: GUSENLEITNER 1998: 194 (fig. 18).
 **Tanyzethus africanus* sp.nov.: CAMERON 1910a: 195 (typ. gen., descr. ♀, Tanzania), 196 (cat.).
Paramischocyttarus africanus (CAMERON): MEADE-WALDO 1913: 54 (tax.).
Tanyzethus africanus CAMERON: von SCHULTHESS 1913: 18 (syn. of *Paramischocyttarus subtilis*).
Tanyzethus africanus CAMERON: GIORDANI SOIKA 1952: 15 (tax.).
Tanyzethus africanus CAMERON: GIORDANI SOIKA 1979a: 61 (syn.).

D i s t r i b u t i o n : Burkina Faso, Burundi, Chad, Democratic Republic of Congo, Ethiopia, Gabon, Gambia, Ghana, Ivory Coast, Kenya, Malawi, Mozambique, Namibia, Niger, Nigeria, Republic of Congo, Senegal, South Africa, Tanzania, Togo, Uganda, Zambia, Zimbabwe.

***Paramischocyttarus guichardi* GIORDANI SOIKA 1987**

- Paramischocyttarus guichardi* n.sp.: GIORDANI SOIKA 1987a: 117 (descr. ♂ ♀, figs 1, 2, Burkina Faso, Gambia, Senegal), 118 (figs 3a-c, 4, 5).
Paramischocyttarus guichardi GIORDANI SOIKA: GIORDANI SOIKA 1989: 28 (Niger).
Paramischocyttarus guichardi GIORDANI SOIKA: GUSENLEITNER 1992: 672 (Mali).
Paramischocyttarus guichardi GIORDANI SOIKA: GUSENLEITNER 1998: 194 (fig. 17).
Paramischocyttarus guichardi GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).
Paramischocyttarus guichardi GIORDANI SOIKA: GUSENLEITNER 2006: 661 (Niger).

D i s t r i b u t i o n : Burkina Faso, Gambia, Mali, Niger, Senegal.

***Paramischocyttarus lacuum* STADELMANN 1898**

- Paramischocyttarus lacuum* n.sp.: STADELMANN 1898: 10 (cat., Tanzania), 34 (descr. ♂, Lake Nyassa).
Paramischocyttarus lacuum STADELMANN: von DALLA TORRE 1904: 83 (cat.).
Paramischocyttarus lacuum STADELMANN: BEQUAERT 1918: 272 (cat.).

Paramischocyttarus lacuum STADELMANN: GIORDANI SOIKA 1979a: 57 (key, fig. 55), 58 (figs 58, 61), 59 (pl. 5), 63 (tax., descr. ♂ ♀, Kenya, Malawi, South Africa, Tanzania), 64 (figs 70-73).

Paramischocyttarus lacuum STADELMANN: GUSENLEITNER 1998: 1994 (fig. 15).

Paramischocyttarus lacuum STADELMANN: GUSENLEITNER 2002: 304 (Tanzania).

D i s t r i b u t i o n : Kenya, Malawi, South Africa, Tanzania.

***Paramischocyttarus subtilis* MAGRETTI 1884**

Paramischocyttarus subtilis n.sp.: MAGRETTI 1884a: 251 (typ. gen., descr. ♂, figs 2, 2A, 2B, Sudan).

Paramischocyttarus subtilis n.sp.: MAGRETTI 1884b: 600 (typ. gen.), 601 (figs B, BA, BB), 602 (descr. ♀, Sudan).

Paramischocyttarus subtilis MAGRETTI: MAGRETTI 1885: 291 (Sudan), 353 (cat.).

Paramischocyttarus subtilis MAGRETTI: de DALLA TORRE 1894: 117 (cat.).

Paramischocyttarus subtilis MAGRETTI: ASHMEAD 1902: 166 (key).

Paramischocyttarus subtilis MAGRETTI: von DALLA TORRE 1904: 83 (cat.), pl. 6 (fig. 3a-c).

Paramischocyttarus subtilis MAGRETTI: BEQUAERT 1918: 272 (cat.).

Paramischocyttarus subtilis MAGRETTI: SCOTT 1933 (In: BENSON et al.): 118 (Ethiopia, Nigeria).

Paramischocyttarus subtilis MAGRETTI: GIORDANI SOIKA 1952: 14 (tax., Ethiopia, Sudan).

Paramischocyttarus subtilis MAGRETTI: GIORDANI SOIKA 1979a: 57 (key), 58 (descr. ♂ ♀, figs 56, 59, Djibouti, Eritrea, Niger, Sudan), 60 (figs 62-65).

Paramischocyttarus subtilis MAGRETTI: GUSENLEITNER 1998: 194 (fig. 16).

D i s t r i b u t i o n : Djibouti, Eritrea, Ethiopia, Niger, Nigeria, Sudan.

Known from the Palearctic Region.

References

- ASHMEAD W. (1902): Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea 6. — Canadian Entomologist **34** (7): 163-166.
- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — Annals and Magazine of Natural History, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935) **11**: 10 pp.
- BERLAND L. & GRASSÉ P.-P. (1951): Super-Famille des Vespoidea ASHMEAD (Diploptères ou Guêpes). — In: GRASSÉ P.-P. (ed.), Traité de Zoologie. Anatomie, Biologie, Systematique. Tome X: Insectes Supérieurs et Hémiptéroïdes (Fascicule II): 1127-1174.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- BUYSSON R. du (1922): Vespides, Euménides, Masarides, Chrysidides, Scoliides. — In: Voyage de M. Le Baron Maurice de ROTHSCHILD en Éthiopie et en Afrique Orientale Anglaise (1904-1905). Résultats Scientifiques. Animaux Articles **2**: 964-982, pls lh3, 5, 8.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.

- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* **10**: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — *Memórias e Estudos do Museu Zoológico da Universidade Coimbra*, sér I, **82**: 18 pp.
- GIORDANI SOIKA A. (1952): Sulle caratteristiche biogeografiche della Palestina, Arabia ed Egitto, con un contributo alla conoscenza degli Zethini ed Eumenini della Palestina. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **6** (1): 5-62.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — *Annales du Musée Royal du Congo Belge, Zoologie*, **36**: 362-367.
- GIORDANI SOIKA A. (1979a): Revisione delle specie etiopiche e malgascse della sottofamiglia Discoeliinae (Hym.). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 19-65.
- GIORDANI SOIKA A. (1979b): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **37**: 151-156.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GRIBODO J. (1896): Hymenopterorum novorum diagnoses praecursoriae III. — *Miscellanea Entomologica* **4** (1): 12-14.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.
- GUSENLEITNER J. (1998): Weitere neue Arten der Familie Eumenidae aus Kontinentalafrika und Madagaskar (Hymenoptera, Eumenidae). — *Linzer biologische Beiträge* **30** (1): 183-194.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **34** (1): 299-305.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — *Linzer biologische Beiträge* **38** (1): 653-662.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell'Africa orientale. Relazione preventiva. — *Bullettino della Società Entomologica Italiana* **50** (5): 241-253.
- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell'Africa orientale. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — *Atti della Società Italiana di Scienze Naturali* **26**: 257-355.
- MEADE-WALDO G. (1913): New Species of Diploptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History*, 8. series, **11** (61): 44-54.

- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — *Memoirs of the American Entomological Institute* **30**: I-VII, 919 pp.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — *Revue Zoologique Africaine* **6**: 171-189.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.
- SCHULTHESS A. v. (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), *Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band 2* (2): 135-140.
- STADELMANN R. (1898): Die Hymenopteren Ostafrikas. — In: MOEBIUS K. (ed.): *Die Tierwelt Ost-Afrikas und der Nachbargebiete* **4** (3): 1-55.

Genus *Paravespa* RADOSZKOWSKI 1886

Description: RADOSZKOWSKI 1886: 46.

Typus generis: *Paravespa komarowii* RADOSZKOWSKI 1886 (*Hoplomerus quadricolor* MORAWITZ 1885).

Synonym: *Gestrodynerus* GIORDANI SOIKA 1960.

Distribution: Ethiopian and Palearctic Region.

Subgenus: *Gestrodynerus* GIORDANI SOIKA 1960.

Valid species: 9.

Known subspecies: 5.

***Paravespa (Gestrodynerus) africana* new name**

Odynerus (Hoplopus) gestroi albolimbatus nov. var.: von SCHULTHESS RECHBERG 1922: 40 (key), 43 (descr. ♂, Kenya), 44 (tax., as var. *lateropictus*).

Odynerus (Odynerus) gestroi var. *albolimbatus* von SCHULTHESS RECHBERG: GIORDANI SOIKA 1935: 250 (tax., key), 251 (fig. 3.2).

Paravespa (Gestrodynerus) albolimbata (von SCHULTHESS RECHBERG): GIORDANI SOIKA 1960: 372 (key), 373 (figs 3 below right), 379 (tax., descr. ♂, Kenya)

Gestrodynerus albolimbata (von SCHULTHESS RECHBERG): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) albolimbata (von SCHULTHESS RECHBERG): van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa albolimbata (von SCHULTHESS RECHBERG): GUSENLEITNER 2003: 168 (Kenya).

Paravespa albolimbata (von SCHULTHESS RECHBERG): GUSENLEITNER 2004: 139 (Kenya, Tanzania).

D i s t r i b u t i o n : Kenya, Tanzania.

Odynerus gestroi albolimbatus von SCHULTHESS RECHBERG 1922 is a junior homonym of *Odynerus meyeri albolimbatus* von SCHULTHESS 1914.

***Paravespa (Gestrodynerus) bonellii* GIORDANI SOIKA 1982**

Paravespa (Gestrodynerus) bonellii n.sp.: GIORDANI SOIKA 1982: 201 (descr. ♂ ♀, figs 1, 2, Ethiopia).

Gestrodynerus bonellii (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) bonellii GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) bonellii GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

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

***Paravespa (Gestrodynerus) dewittei* GIORDANI SOIKA 1960**

Paravespa (Gestrodynerus) dewittei n.sp.: GIORDANI SOIKA 1960: 372 (key), 386 (descr. ♂, fig. 6, Democratic Republic of Congo).

Paravespa (Gestrodynerus) dewittei GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., Democratic Republic of Congo).

Gestrodynerus dewittei (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) dewittei GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) dewittei GIORDANI SOIKA: BORSATO & RATTI 1999: 74 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Paravespa (Gestrodynerus) gestroi gestroi* MAGRETTI 1884**

Rygius gestroi n.sp.: MAGRETTI 1884: 614 (descr. ♂, Eritrea).

Rygius gestroi MAGRETTI: MAGRETTI 1885: 335 (Eritrea), 353 (cat.).

Rhynchium gestroi MAGRETTI: de DALLA TORRE 1894: 44 (cat.).

Rhynchium gestroi MAGRETTI: von DALLA TORRE 1904: 34 (cat.).

Odynerus (Odynerus) gestroi (MAGRETTI): BEQUAERT 1918: 291 (tax., cat.).

Odynerus (Hoplopus) gestroi var. *gestroi* (MAGRETTI): von SCHULTHESS RECHBERG 1922: 42 (tax.), 43 (Eritrea).

Odynerus (Hoplopus) gestroi var. *gestroi* (MAGRETTI): von SCHULTHESS 1923: 137 (Namibia).

Odynerus (Hoplopus) gestroi (MAGRETTI): GUIGLIA 1932: 123 (Eritrea).

Odynerus (Odynerus) gestroi gestroi (MAGRETTI): GIORDANI SOIKA 1935: 251 (tax., key, fig. 3.5).

Odynerus gestroi (MAGRETTI): GUIGLIA 1939: 190 (Eritrea).

Paravespa (Gestrodynerus) gestroi (MAGRETTI): GIORDANI SOIKA 1960: 369 (typ. subgen.), 372 (key), 373 (figs 3 below left), 378 (tax., descr. ♂ ♀, Eritrea, Sudan, Uganda).

Paravespa (Gestrodynerus) gestroi (MAGRETTI): GIORDANI SOIKA 1961: 444 (tax., typ. subgen.).

Gestrodynerus gestroi gestroi (MAGRETTI): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) gestroi gestroi (MAGRETTI): van der VECHT & CARPENTER 1990: 24 (tax.).

D i s t r i b u t i o n : Eritrea, Namibia, Sudan, Uganda.

***Paravespa (Gestrodynerus) gestroi problematica* GIORDANI SOIKA 1960**

Paravespa (Gestrodynerus) problematica n.sp.: GIORDANI SOIKA 1960: 370 (tax.), 379 (descr. ♀, Somalia).

Paravespa (Gestrodynerus) problematica GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., Somalia).

Gestrodynerus gestroi problematicus (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax., Kenya).

Paravespa (Gestrodynerus) gestroi problematica GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) problematica GIORDANI SOIKA: BORSATO & RATTI 1999: 77 (cat.).

D i s t r i b u t i o n : Kenya, Somalia.

***Paravespa (Gestrodynerus) mima* GIORDANI SOIKA 1960**

Paravespa (Gestrodynerus) mima n.sp.: GIORDANI SOIKA 1960: 372 (key), 373 (figs 3 above right), 376 (descr. ♂ ♀, South Africa).

Paravespa mima GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., South Africa).

Gestrodynerus mima (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) mimia GIORDANI SOIKA: GESS & GESS 1988: 64 (biol., South Africa), 65 (fig. 4), 66 (figs 5, 6), 67 (table 3), 68 (fig. 7), 69 (figs 8-10), 70 (fig. 11), 71 (fig. 12), 72 (fig. 13), 73 (fig. 14), 74 (table 4), 75 (table 4), 77 (fig. 15), 78 (fig. 16).

Paravespa (Gestrodynerus) mimia GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa mimia GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

D i s t r i b u t i o n : South Africa.

***Paravespa (Gestrodynerus) minutepunctata* GIORDANI SOIKA 1960**

Paravespa (Gestrodynerus) minutepunctata n.sp.: GIORDANI SOIKA 1960: 371 (key), 375 (descr. ♂ ♀, Namibia).

Paravespa (Gestrodynerus) minutepunctata n.sp.: GIORDANI SOIKA 1961: 443 (descr. ♂ ♀, Namibia).

Paravespa (Gestrodynerus) minutepunctata GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., Namibia).

Gestrodynerus minutepunctata (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) minutepunctata GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) minutepunctata GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

Paravespa (Gestrodynerus) minutepunctata GIORDANI SOIKA: GESS & GESS 2003: 85 (biol., Namibia), 355 (biol., Namibia), 420 (biol., Namibia).

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

***Paravespa (Gestrodynerus) nairobiensis* (GIORDANI SOIKA 1935)**

Odynerus (Odynerus) gestroi nairobiensis n.var.: GIORDANI SOIKA 1935: 251 (key, descr. ♂, fig. 3.4, Kenya).

Paravespa (Gestrodynerus) nairobiensis (GIORDANI SOIKA): GIORDANI SOIKA 1960: 371 (key), 381 (fig. 4 left), 382 (tax., descr. ♂ ♀, Kenya).

Odynerus gestroi nairobiensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 13 (tax., Kenya) 52 (tax., Kenya).

Gestrodynerus nairobiensis (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) nairobiensis (GIORDANI SOIKA): van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) nairobiensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 77 (cat.).

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

***Paravespa (Gestrodynerus) nigrifrons* GIORDANI SOIKA 1960**

Paravespa (Gestrodynerus) nigrifrons n.sp.: GIORDANI SOIKA 1960: 372 (key), 387 (descr. ♂ ♀, fig. 7, Democratic Republic of Congo).

Paravespa (Gestrodynerus) nigrifrons GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., Democratic Republic of Congo).

Gestrodynerus nigrifrons (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) nigrifrons GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) nigrifrons GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

**Odynerus (Hoplopus) spiniger maculatus* nov.var.: von SCHULTHESS 1914: 74 (Democratic Republic of Congo).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Paravespa (Gestrodynerus) occidentalis* GIORDANI SOIKA 1987**

Paravespa (Gestrodynerus) occidentalis n.sp.: GIORDANI SOIKA 1987a: 119 (descr. ♂, figs 6-8, Burkina Faso, Senegal).

Gestrodynerus occidentalis (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) occidentalis GIORDANI SOIKA: GIORDANI SOIKA 1989: 28 (Burkina Faso).

Paravespa (Gestrodynerus) occidentalis GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) occidentalis GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

D i s t r i b u t i o n : Burkina Faso, Senegal.

***Paravespa (Gestrodynerus) pretoriensis* (GIORDANI SOIKA 1935)**

Odynerus (Odynerus) gestroi pretoriensis n.var.: GIORDANI SOIKA 1935: 250 (descr. ♂, South Africa), 251 (key, fig. 3.1).

Paravespa (Gestrodynerus) pretoriensis (GIORDANI SOIKA): GIORDANI SOIKA 1960: 370 (tax.), 382 (tax.).

Odynerus gestroi pretoriensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 13 (tax., South Africa).

Gestrodynerus pretoriensis (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) pretoriensis (GIORDANI SOIKA): van der VECHT & CARPENTER 1990: 24 (tax.).

Paravespa (Gestrodynerus) pretoriensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 77 (cat.).

D i s t r i b u t i o n : South Africa.

***Paravespa (Gestrodynerus) spinigera spinigera* (von SCHULTHESS 1914)**

Odynerus (Hoplopus) spiniger nov.spec.: von SCHULTHESS 1914: 73 (descr. ♂ ♀, Botswana, Democratic Republic of Congo, Eritrea, Namibia, Somalia, South Africa), 74 (fig.), 77 (descr. ♂ ♀).

Odynerus (Hoplomerus) spiniger von SCHULTHESS: MEADE-WALDO 1915: 488 (tax., types seen, cat.), 498 (key), 518 (tax.).

Odynerus (Odynerus) spiniger spiniger von SCHULTHESS: BEQUAERT 1918: 291 (tax., cat.).

Odynerus (Hoplopus) gestroi var. *spiniger* von SCHULTHESS: von SCHULTHESS RECHBERG 1922: 40 (key), 43 (tax., fig. 13, Namibia), 44 (tax.).

Odynerus (Hoplopus) gestroi var. *spiniger* von SCHULTHESS: von SCHULTHESS 1923: 137 (Namibia).

Odynerus (Odynerus) gestroi var. *spiniger* von SCHULTHESS: GIORDANI SOIKA 1935: 251 (key).

Odynerus gestroi var. *spiniger* von SCHULTHESS: GIORDANI SOIKA 1952: 86 (tax., Ethiopia).

Paravespa (Gestrodynerus) spinigera ssp. *spinigera* (von SCHULTHESS): GIORDANI SOIKA 1960: 371 (key), 383 (tax., descr. ♂ ♀, fig. 5, Botswana, Namibia, South Africa).

Gestrodynerus spiniger spiniger (von SCHULTHESS): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) spinigera spinigera (von SCHULTHESS): van der VECHT & CARPENTER 1990: 24 (tax.).

D i s t r i b u t i o n : Botswana, Democratic Republic of Congo, Eritrea, Ethiopia, Namibia, Somalia, South Africa.

***Paravespa (Gestrodynerus) spinigera ditior* (GIORDANI SOIKA 1935)**

Odynerus (Odynerus) gestroi ditior n.var.: GIORDANI SOIKA 1935: 250 (key), 251 (descr. ♂ ♀, fig. 3.6, South Africa).

Paravespa (Gestrodynerus) spinigera ssp. *ditior* (GIORDANI SOIKA): GIORDANI SOIKA 1960: 371 (key), 385 (tax., descr. ♂ ♀, South Africa).

Odynerus gestroi ditior GIORDANI SOIKA: GIORDANI SOIKA 1973: 13 (tax., South Africa).

- Gestrodynerus spinigera ditior* (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).
Paravespa (Gestrodynerus) spinigera ditior (GIORDANI SOIKA): van der VECHT & CARPENTER 1990: 24 (tax.).
Paravespa (Gestrodynerus) spinigera ditior (GIORDANI SOIKA): BORSATO & RATTI 1999: 77 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Paravespa (Gestrodynerus) spinigera empeyi* GIORDANI SOIKA 1983**

- Paravespa (Gestrepipona) spinigera empeyi* n.sp.: GIORDANI SOIKA 1983: 97 (descr. ♂ ♀, South Africa).
Gestrepipona spinigera empeyi (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).
Paravespa (Gestrodynerus) spinigera empeyi GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).
Paravespa (Gestrodynerus) spinigera empeyi GIORDANI SOIKA: BORSATO & RATTI 1999: 95 (cat.).

D i s t r i b u t i o n : South Africa.

***Paravespa (Gestrodynerus) spinigera maculata* (von SCHULTHESS 1914)**

- Odynerus (Hoplopus) spiniger maculatus* nov.var.: von SCHULTHESS 1914: 74 (descr. ♂ ♀, fig., Botswana, Eritrea, Namibia, Somalia, South Africa).
Odynerus (Hoplomerus) spiniger var. *maculatus* von SCHULTHESS: MEADE-WALDO 1915: 498 (tax., key).
Odynerus (Odynerus) spiniger var. *maculatus* von SCHULTHESS: BEQUAERT 1918: 291 (tax., cat.).
Gestrodynerus spiniger maculatus (von SCHULTHESS): GIORDANI SOIKA 1987b: 151 (tax.).
Paravespa (Gestrodynerus) spiniger maculatus (von SCHULTHESS): van der VECHT & CARPENTER 1990: 24 (tax.).

D i s t r i b u t i o n : Botswana, Eritrea, Namibia, Somalia, South Africa.

***Paravespa (Gestrodynerus) violaceipennis* GIORDANI SOIKA 1960**

- Paravespa (Gestrodynerus) violaceipennis* n.sp.: GIORDANI SOIKA 1960: 371 (key), 372 (descr. ♂ ♀, Namibia), 373 (figs 3 above left).
Paravespa (Gestrodynerus) violaceipennis n.sp.: GIORDANI SOIKA 1961: 444 (descr. ♂, Namibia).
Paravespa (Gestrodynerus) violaceipennis GIORDANI SOIKA: GIORDANI SOIKA 1973: 52 (tax., Namibia).
Gestrodynerus violaceipennis (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 151 (tax.).
Paravespa (Gestrodynerus) violaceipennis GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 24 (tax.).
Paravespa (Gestrodynerus) violaceipennis GIORDANI SOIKA: BORSATO & RATTI 1999: 99 (cat.).

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

***Paravespa (Gestrodynerus) zebroides* (MEADE-WALDO 1915)**

- Odynerus (Hoplomerus) zebroides* n.sp.: MEADE-WALDO 1915: 488 (cat.), 498 (key), 518 (descr. ♂ ♀, Kenya).
Odynerus (Odynerus) zebroides MEADE-WALDO: BEQUAERT 1918: 291 (tax., cat.).
Odynerus (Odynerus) gestroi var. *zebroides* MEADE-WALDO: GIORDANI SOIKA 1934: 25 (tax.).
Odynerus (Odynerus) gestroi var. *zebroides* MEADE-WALDO: GIORDANI SOIKA 1935: 251 (key, fig. 3.3), 252 (tax.).

Paravespa (Gestrodynerus) zebroides (MEADE-WALDO): GIORDANI SOIKA 1960: 371 (key), 380 (tax., descr. ♂ ♀, Kenya), 381 (figs 4 left).

Gestrodynerus zebroides (MEADE-WALDO): GIORDANI SOIKA 1987b: 151 (tax.).

Paravespa (Gestrodynerus) zebroides (MEADE-WALDO): van der VECHT & CARPENTER 1990: 24 (tax.).

Distribution: Kenya.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GESS F.W. & S.K. GESS (1988): A contribution to the knowledge of the ethology of the genera *Parachilus* GIORDANI SOIKA and *Paravespa* RADOSZKOWSKI (Hymenoptera: Eumenidae) in southern Africa. — Annals of the Cape Provincial Museums (Natural History) **18** (3): 57-81.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1934): Monografia degli *Odynerus* etiopici. Parte prima. — Annali del Museo Civico di Storia Naturale di Genova **57**: 23-83.
- GIORDANI SOIKA A. (1935): Su alcuni Eumenini del Deutsches Entomologisches Institut di Berlin-Dahlem. — Arbeiten über Morphologische und Taxonomische Entomologie aus Berlin-Dahlem **2** (4): 242-252.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1960): Notulae vespilogicae XIV - XV - XVI. — Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan **99** (4): 361-409.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South African Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1982): Eumenidi raccolti dal Prof. BONELLI in Etiopia. — Bollettino del Museo Civico di Storia Naturale di Venezia **32**: 201-203.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 151-156.

- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabun da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. — Memorie della Società Entomologica Italiana **10**: 118-136.
- GUIGLIA D. (1939): Imenotteri aculeati raccolti in Eritrea e in Etiopia dal Ten. Colon. Dr. Giorgio INVREA. — Memorie della Società Entomologica Italiana **17**: 188-204.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- MAGRETTI P. (1884): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumenidinen. — Societas Entomologica **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.
- SCHULTHESS RECHBERG A. von (1922): Zur Kenntnis äthiopischer Vespiden (Hym.). II. *Rhynchium cyanopterum* et similia. — Vierteljahresschrift der Naturforschenden Gesellschaft in Zürich **67**: 30-44.
- SCHULTHESS A. von (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- VECHT J. van der & J.M. CARPENTER (1990): A catalogue of the genera of the Vespidae (Hymenoptera). — Zoologische Verhandlungen **260**: 62 pp.

Genus *Pareumenes* de SAUSSURE 1855

Description: de SAUSSURE 1855: 133.

Typus generis: *Eumenes quadrispinosus* de SAUSSURE 1855.

Synonym: *Brachyparmenes* GIORDANI SOIKA 1987, *Nortonia* de SAUSSURE 1869.

Distribution: Ethiopian, Oriental and Palearctic Region.

Subgenera: *Pareumenes* de SAUSSURE 1855, *Brachyparmenes* GIORDANI SOIKA 1987, *Nortonia* de SAUSSURE 1869

Valid species: 4.

Known subspecies: 4.

Pareumenes (*Nortonia*) *laevis* (von SCHULTHESS-RECHBERG 1903)

Nortonia laevis n.sp.: von SCHULTHESS-RECHBERG 1903: 363 (descr. ♂, Sao Thomé).

Nortonia levis (sic) von SCHULTHESS-RECHBERG: von DALLA TORRE 1904: 32 (cat.).

Nortonia laevis von SCHULTHESS-RECHBERG: von SCHULTHESS-RECHBERG 1904: 279 (key), 282 (cat.).

Nortonia laevis von SCHULTHESS-RECHBERG: KOHL 1906: 241 (key).

Pachymenes laevis (von SCHULTHESS-RECHBERG): BEQUAERT 1918: 284 (tax., cat.).

Pareumenes (*Nortonia*) *laevis* (von SCHULTHESS-RECHBERG): GIORDANIA SOIKA 1938: 112 (key), 113 (tax., Sao Thomé, Namibia).

Pareumenes (Nortonia) laevis (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1987: 204 (tax., descr. ♀, Namibia, Sao Thomé).

D i s t r i b u t i o n : Namibia, Sao Thomé.

***Pareumenes (Nortonia) mochii* GIORDANI SOIKA 1938**

Pareumenes (Nortonia) mochii n.sp.: GIORDANI SOIKA 1938: 112 (key), 113 (descr. ♀, Somalia), 114 (figs 1-4).

Pareumenes mochii GIORDANI SOIKA: GIORDANI SOIKA 1973: 19 (tax., Somalia).

Pareumenes (Nortonia) mochii GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

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

***Pareumenes (Brachyparmenes) punctatissimus* GIORDANI SOIKA 1987**

Pareumenes (Brachyparmenes) punctatissimus n.sp.: GIORDANI SOIKA 1987: 201 (typ. subgen., descr. ♀, Kenya), 202 (fig. 71), 203 (fig. 72).

Pareumenes (Brachyparmenes) punctatissimus GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (cat.).

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

***Pareumenes (Pareumenes) sansibaricus sansibaricus* (SCHULZ 1905)**

Eumenes (Pareumenes) sansibarica nov.sp.: SCHULZ 1905: 9 (descr. ♀, Tanzania (Zanzibar)).

Pareumenes sansibaricus (SCHULZ): BEQUAERT 1918: 271 (tax., cat.).

Pareumenes sansibaricus (SCHULZ): BEQUAERT 1928: 171 (tax., Tanzania, Zambia, Zimbabwe).

Pareumenes sansibaricus (SCHULZ): GIORDANI SOIKA 1935: 4 (tax., descr. ♂, fig. 1.1-3, Mozambique).

Pareumenes sansibaricus sansibaricus (SCHULZ): GIORDANI SOIKA 1944: 156 (tax.), 157 (key, Mozambique, South Africa, Tanzania (Tanzania, Zanzibar), Zimbabwe).

Pareumenes sansibaricus (SCHULZ): GIORDANI SOIKA 1973: 13 (tax., Mozambique).

**Pareumenes marshalli* n.sp.: MEADE-WALDO 1910: 45 (descr. ♀, Zimbabwe).

Pareumenes marshalli MEADE-WALDO: BEQUAERT 1928: 171 (syn.).

D i s t r i b u t i o n : Mozambique, South Africa, Tanzania (Tanzania, Zanzibar), Zambia, Zimbabwe.

***Pareumenes (Pareumenes) sansibaricus flavopetiolatus* GIORDANI SOIKA 1979**

Pareumenes sansibaricus flavopetiolatus n.ssp.: GIORDANI SOIKA 1979: 244 (descr. ♂, Niger).

Pareumenes (Pareumenes) sansibaricus flavopetiolatus GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).

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

***Pareumenes (Pareumenes) sansibaricus laetefasciatus* GIORDANI SOIKA 1944**

Pareumenes sansibaricus laetefasciatus n.var.: GIORDANI SOIKA 1944: 156 (key), 157 (descr. ♀, Somalia).

Pareumenes sansibaricus laetefasciatus GIORDANI SOIKA: GIORDANI SOIKA 1952: 75 (Ethiopia).

Pareumenes sansibaricus laetefasciatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Somalia).

Pareumenes (Pareumenes) sansibaricus laetefasciatus GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).

D i s t r i b u t i o n : Ethiopia, Somalia.

***Pareumenes (Pareumenes) sansibaricus laterorufofasciatus* GIORDANI SOIKA 1944**

Pareumenes sansibaricus laterorufofasciatus n.var.: GIORDANI SOIKA 1944: 157 (key), 158 (descr. ♀, Mozambique).

Pareumenes sansibaricus laterorufofasciatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Mozambique).

Pareumenes (Pareumenes) sansibaricus laterorufofasciatus GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).

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

***Pareumenes (Pareumenes) sansibaricus occidentalis* GIORDANI SOIKA 1944**

Pareumenes sansibaricus occidentalis n.var.: GIORDANI SOIKA 1944: 157 (key), 158 (descr. ♀, Namibia).

Pareumenes sansibaricus occidentalis GIORDANI SOIKA: GIORDANI SOIKA 1973: 36 (tax., Namibia).

Pareumenes (Pareumenes) sansibaricus occidentalis GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).

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

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I, **82**: 18 pp.
- GIORDANI SOIKA A. (1938): Le specie del sottogenere *Nortonia* SAUSS. (Hym. Vespidae). — Annali del Museo Civico di Storia Naturale di Genova **60**: 111-116.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — Atti dell'Istituto Veneto di Scienze, Lettere et Arti, **103** (2): 149-178.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 235-246.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, **71**: 169-301.

- MEADE-WALDO G. (1910): New Species of Diptera in the Collection of the British Museum. Part I. — *Annals and Magazine of Natural History*, 8. series, **5** (25): 30-51.
- SCHULTHESS-RECHBERG A. von (1903): Neue Arten der Vespidegattungen *Nortonia* SAUSS. und *Plagiolabra*, Eumenidarum nov. gen. — *Verhandlungen der k.k. Zoologisch-Botanischen Gesellschaft in Wien* **53**: 361-367.
- SCHULTHESS-RECHBERG A. von (1904): Beiträge zur Kenntnis der *Nortonia*-Arten (Hym., Vesp.). — *Zeitschrift für Hymenopterologie und Dipterologie* **1904** (5): 270-283.
- SCHULZ W.A. (1905): Beiträge zur Kenntnis der Hymenopteren-Fauna Afrikas. — In: SCHULZ W.A.: *Hymenopterologische Studien*. — Leipzig (Wilhelm ENGELMANN): 1-68.

Genus *Polistepipona* GIORDANI SOIKA 1989

Description: GIORDANI SOIKA 1989: 51.
Typus generis: *Pseudepipona polistiformis* GIORDANI SOIKA 1950.
Distribution: Ethiopian Region.
Valid species: 2.
Known subspecies: 3.

***Polistepipona graciliventr*s graciliventrs (GIORDANI SOIKA 1950)**

*Pseudepipona graciliventr*s n.sp.: GIORDANI SOIKA 1950: 45 (descr. ♀, Zimbabwe).
*Pseudepipona graciliventr*s GIORDANI SOIKA: GIORDANI SOIKA 1973: 39 (tax., Zimbabwe).
*Polistepipona graciliventr*s (GIORDANI SOIKA): GIORDANI SOIKA 1989: 52 (tax.).
*Polistepipona graciliventr*s (GIORDANI SOIKA): BORSATO & RATTI 1999: 78 (cat.).

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

***Polistepipona graciliventr*s octomaculata** GIORDANI SOIKA 1989

*Polistepipona graciliventr*s octomaculata n.ssp.: GIORDANI SOIKA 1989: 52 (descr. ♀, Burkina Faso).
*Polistepipona graciliventr*s octomaculatus GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : Burkina Faso.

***Polistepipona polistiform*s polistiforms (GIORDANI SOIKA 1950)**

*Pseudepipona polistiform*s n.sp.: GIORDANI SOIKA 1950: 47 (descr. ♀, Namibia).
*Pseudepipona polistiform*s GIORDANI SOIKA: GIORDANI SOIKA 1973: 39 (tax., Namibia).
*Polistepipona polistiform*s polistiforms (GIORDANI SOIKA): GIORDANI SOIKA 1989: 52 (tax., typ. gen.), 53 (fig. 25).
*Polistepipona polistiform*s polistiforms (GIORDANI SOIKA): BORSATO & RATTI 1999: 90 (cat.).

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

***Polistepipona polistiform*s jonesi** (GIORDANI SOIKA 1950)

*Pseudepipona polistiform*s jonesi n.var.: GIORDANI SOIKA 1950: 47 (descr. ♀, South Africa).
*Pseudepipona polistiform*s jonesi GIORDANI SOIKA: GIORDANI SOIKA 1973: 39 (tax., South Africa).
*Polistepipona polistiform*s ssp. jonesi (GIORDANI SOIKA): GIORDANI SOIKA 1989: 52 (tax.).
*Polistepipona polistiform*s jonesi (GIORDANI SOIKA): BORSATO & RATTI 1999: 90 (cat.).

D i s t r i b u t i o n : South Africa.

***Polistepipona polistiformis polisticolor* GIORDANI SOIKA 1989**

Polistepipona polistiformis polisticolor n.sp.: GIORDANI SOIKA 1989: 52 (descr. ♂ ♀, Zambia).

Polistepipona polistiformis polisticolor GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

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

References

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.

GIORDANI SOIKA A. (1950): Nuovi Vespidi etiopici (Hymenoptera – Vespidae). — Bollettino della Società Entomologica Italiana **80** (5-6): 43-47.

GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.

GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.

Genus *Postepipona* GIORDANI SOIKA 1974

Description: GIORDANI SOIKA 1974: 126.

Typus generis: *Postepipona socotrae* GIORDANI SOIKA 1974.

Distribution: Ethiopian Region.

Valid species: 1.

***Postepipona socotrae* GIORDANI SOIKA 1974**

Postepipona socotrae n.sp.: GIORDANI SOIKA 1974: 77 (figs 5, 6), 78 (typ. gen., descr. ♀, Socotra), 79 (fig. 7).

Postepipona socotrae GIORDANI SOIKA: BORSATO & RATTI 1999: 95 (cat.).

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

References

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.

GIORDANI SOIKA A. (1974): Eumenidi di Socotra ed Abd-el-Kuri. — Bollettino del Museo Civico di Storia Naturale di Venezia **25**: 69-85.

Genus *Proepipona* GIORDANI SOIKA 1977

Description: GIORDANI SOIKA 1977: 126.

Typus generis: *Vespa lateralis* FABRICIUS 1781.

Distribution: Ethiopian Region.

Valid species: 7.

Known subspecies: 9.

***Proepipona ampla ampla* GIORDANI SOIKA 1989**

Proepipona ampla n.sp.: GIORDANI SOIKA 1989a: 49 (descr. ♂, Cameroon, Liberia).

Proepipona ampla GIORDANI SOIKA: BORSATO & RATTI 1999: 66 (cat.).

D i s t r i b u t i o n : Cameroon, Liberia.

***Proepipona ampla ealensis* GIORDANI SOIKA 1989**

Proepipona ampla ealensis n.ssp.: GIORDANI SOIKA 1989a: 49 (descr. ♀, Democratic Republic of Congo).

Proepipona ampla ealensis GIORDANI SOIKA: BORSATO & RATTI 1999: 66 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Proepipona bothriogaster* (SCHLETTERER 1891) new combination**

Odynerus (Leionotus) bothriogaster n.sp.: SCHLETTERER 1891: 27 (descr. ♀, Democratic Republic of Congo, pl. 1 (fig. 6).

Odynerus bothriogaster SCHLETTERER: de DALLA TORRE 1894: 57 (cat.).

Odynerus (Lionotus) bothriogaster SCHLETTERER: von DALLA TORRE 1904: 41 (cat.).

Odynerus (Lionotus) bothriogaster SCHLETTERER: MEADE-WALDO 1915: 487 (Democratic Republic of Congo, cat.), 496 (key).

Odynerus (Rygchium) bothriogaster SCHLETTERER: BEQUAERT 1918: 294 (tax., cat.).

Odynerus (Rhynchium) bothriogaster SCHLETTERER: GIORDANI SOIKA 1937: 308 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Proepipona falcata* (TULLGREN 1904)**

Odynerus falcatus n.sp.: TULLGREN 1904: 452 (descr. ♀, Cameroon), pl. 25 (figs 13a,b).

Odynerus (Lionotus) falcatus TULLGREN: MEADE-WALDO 1915: 488 (tax., cat.), 497 (key).

Odynerus (Rygchium) falcatus TULLGREN: BEQUAERT 1918: 131 (key), 179 (tax., biol., Democratic Republic of Congo), 298 (cat.).

Odynerus (Rhynchium) falcatum TULLGREN: SCHOUTEDEN 1919: 180 (Democratic Republic of Congo).

Proepipona falcata (TULLGREN): GIORDANI SOIKA 1977: 127 (tax., Cameroon).

Rhynchium falcatum (TULLGREN): MEDLER 1980: 476 (cat., Nigeria).

Proepipona falcata (TULLGREN): GIORDANI SOIKA 1989b: 44 (Gabon).

Proepipona falcata (TULLGREN): GUSENLEITNER 1999: 364 (Ivory Coast).

**Odynerus (Lionotus) quattuordecimmaculatus* nov.spec.: von SCHULTHESS 1913a: 6 (descr. ♂ ♀, Cameroon, Equatorial Guinea, Kenya, Nigeria, Tanzania).

Odynerus (Lionotus) quattuordecimmaculatus nov.spec.: von SCHULTHESS RECHBERG 1913b: 347 (descr. ♂ ♀, figs 7-9, Cameroon, Equatorial Guinea, Kenya, Nigeria, Tanzania).

Odynerus (Lionotus) quattuordecimmaculatus nov.spec.: von SCHULTHESS RECHBERG 1913c: 294 (descr. ♂ ♀, Cameroon, Kenya, Nigeria, Equatorial Guinea, Tanzania), 295 (figs 4, 5).

Odynerus (Lionotus) quattuordecimmaculatus von SCHULTHESS: MEADE-WALDO 1915: 488 (types seen, cat.), 497 (key).

Odynerus (Lionotus) quattuordecimmaculatus von SCHULTHESS: BEQUAERT 1918: 179 (syn.).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Equatorial Guinea, Gabon, Ivory Coast, Kenya, Nigeria, Tanzania.

***Proepipona lateralis lateralis* (FABRICIUS 1781)**

Vespa lateralis n.sp.: FABRICIUS 1781: 466 (descr. ♀, South Africa).

Vespa lateralis FABRICIUS: FABRICIUS 1787: 292 (tax., South Africa)

Vespa lateralis FABRICIUS: GMELIN 1790: 2756 (tax., descr., South Africa).

Vespa lateralis FABRICIUS: OLIVIER 1792: 669 (key), 691 (tax., descr., South Africa).

Vespa lateralis FABRICIUS: FABRICIUS 1793: 275 (tax., South Africa).

Polistes lateralis (FABRICIUS): FABRICIUS 1804: 273 (tax., South Africa).

Rhynchium laterale (FABRICIUS): de SAUSSURE 1855: 171 (tax.).

Rhynchium laterale (FABRICIUS): SMITH 1857: 46 (cat.), 140 (cat.).

- Rygchium laterale* (FABRICIUS): GRIBODO 1884: 291 (Ethiopia).
Rhynchium lateralis (FABRICIUS): KOHL 1894: 344 (Cameroon).
Rhynchium laterale (FABRICIUS): de DALLA TORRE 1894: 46 (cat.).
Rhynchium laterale (FABRICIUS): FOX 1896: 555 (Ethiopia).
Rhynchium laterale (FABRICIUS): BINGHAM 1903: 68 (tax., South Africa).
Rhynchium laterale (FABRICIUS): von DALLA TORRE 1904: 34 (cat.).
Rhynchium laterale (FABRICIUS): TULLGREN 1904: 451 (tax., Cameroon).
Rhynchium lateralis (FABRICIUS): ZAVATTARI 1911: 4 (Sierra Leone).
Rhynchium (Rhynchium) laterale (FABRICIUS): von SCHULTHESS RECHBERG 1913b: 344 (Cameroon).
Odynerus (Lionotus) lateralis (FABRICIUS): MEADE-WALDO 1915: 487 (South Africa, cat.), 495 (key), 512 (tax., South Africa).
Odynerus (Rygchium) lateralis lateralis (FABRICIUS): BEQUAERT 1918: 132 (key), 180 (tax., descr. ♂ ♀), 181 (key, Democratic Republic of Congo), 303 (cat.).
Odynerus (Rhynchium) lateralis (FABRICIUS): SCHOUTEDEN 1919: 180 (Democratic Republic of Congo).
Odynerus (Lionotus) lateralis lateralis (FABRICIUS): von SCHULTHESS RECHBERG 1922: 31 (key), 40 (key), 41 (tax., Democratic Republic of Congo, Gabon, Senegal, Tanzania), 44 (tax).
Rhynchium marginellum var. *laterale* (FABRICIUS): von SCHULTHESS 1928: 99 (Central African Republic, Democratic Republic of Congo).
Odynerus lateralis lateralis (FABRICIUS): BEQUAERT 1938: 7 (Democratic Republic of Congo), 10 (cat.).
Proepipona lateralis (FABRICIUS): GIORDANI SOIKA 1977: 126 (tax., typ. gen.).
Proepipona lateralis (FABRICIUS): MEDLER 1980: 476 (cat., Nigeria).
Proepipona lateralis lateralis (FABRICIUS): GIORDANI SOIKA 1989b: 43 (Burkina Faso, Cameroon, Gabon, Niger).
Proepipona lateralis lateralis (FABRICIUS): GUSENLEITNER 1992: 675 (Mali).
Proepipona laterale laterale (FABRICIUS): GUSENLEITNER 2000: 67 (Cape Verde).
Proepipona lateralis lateralis (FABRICIUS): BAEZ, GARCIA & KOPONEN 2005: 98 (cat.).
Proepipona (sic) *lateralis lateralis* (FABRICIUS): GUSENLEITNER 2006: 660 (Niger).
**Odynerus (Leionotus) truncatus* n.sp.: de SAUSSURE 1853: 152 (key), 175 (descr. ♂ ♀, Senegal).
Odynerus truncatus de SAUSSURE: de DALLA TORRE 1894: 103 (cat.).
Odynerus (Lionotus) truncatus de SAUSSURE: von DALLA TORRE 1904: 56 (cat.).
Odynerus truncatus de SAUSSURE: MEADE-WALDO 1915: 512 (syn.).
Proepipona truncatus (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).
**Rhynchium furax* n. sp: KOHL 1894: 339 (descr. ♂, Gabon, Sudan), pl. 15 (fig. 89).
Rhynchium furax KOHL: de DALLA TORRE 1894: 44 (cat.).
Rhynchium furax KOHL: von DALLA TORRE 1904: 34 (cat.).
Rhynchium furax KOHL: BEQUAERT 1918: 180 (syn.).
Rhynchium furax KOHL: von SCHULTHESS RECHBERG 1922: 31 (key), 35 (tax.), 41 (syn.).

Distribution: Burkina Faso, Cameroon, Cape Verde (Santiago), Central African Republic, Democratic Republic of Congo, Ethiopia, Gabon, Mali, Niger, Nigeria, Senegal, Sierra Leone, South Africa, Sudan, Tanzania.

***Proepipona lateralis lateropicta* (BEQUAERT 1918)**

- Odynerus (Rygchium) lateralis lateropictus* n.var.: BEQUAERT 1918: 181 (key, descr. ♂ ♀, Democratic Republic of Congo), 303 (cat.).
Odynerus (Rhynchium) lateralis var. *lateropictus* BEQUAERT: SCHOUTEDEN 1919: 180 (Democratic Republic of Congo).
Odynerus (Lionotus) lateralis var. *lateropictus* BEQUAERT: von SCHULTHESS RECHBERG 1922: 40 (key), 41 (tax., Democratic Republic of Congo, Namibia), 44 (tax).
Odynerus (Rhynchium) lateralis var. *lateropictus* BEQUAERT: GIORDANI SOIKA 1935: 10 (tax., Mozambique).

Propeipona lateralis var. *lateropictus* (BEQUAERT): GIORDANI SOIKA 1977: 126 (tax.).

Distribution: Democratic Republic of Congo, Mozambique, Namibia.

***Propeipona lateralis marginiscutis* (CAMERON 1910)**

Rhynchium marginiscutis sp.n.: CAMERON 1910: 162 (descr. ♀, South Africa), 163 (key).

Odynerus (*Rygchium*) *marginiscutis* CAMERON: BEQUAERT 1918: 305 (tax., cat.).

Propeipona lateralis ssp. *marginiscutis* (CAMERON): GIORDANI SOIKA 1989a: 50 (tax.).

**Odynerus* (*Lionotus*) *truncatus unicolor* nov.var.: von SCHULTHESS 1914: 57 (descr., Namibia, Tanzania).

Odynerus (*Lionotus*) *lateralis* var. *unicolor* von SCHULTHESS: MEADE-WALDO 1915: 487 (types seen, cat.), 495 (key).

Odynerus (*Rygchium*) *lateralis* var. *unicolor* von SCHULTHESS: BEQUAERT 1918: 181 (key), 303 (tax., cat.).

Odynerus (*Rhynchium*) *lateralis* var. *unicolor* von SCHULTHESS: SCHOUTEDEN 1919: 180 (Democratic Republic of Congo).

Odynerus (*Lionotus*) *lateralis* var. *unicolor* von SCHULTHESS: von SCHULTHESS RECHBERG 1922: 40 (key), 41 (tax., Tanzania), 44 (tax.).

Odynerus lateralis var. *unicolor* von SCHULTHESS: BLÜTHGEN 1940: 44 (tax., Tanzania, fig. 6).

Pseudepipona lateralis unicolor (von SCHULTHESS): GIORDANI SOIKA 1955: 365 (Burundi).

Odynerus truncatus unicolor von SCHULTHESS: GIORDANI SOIKA 1989a: 50 (syn.).

**Rhynchium gribodoi* n.sp.: von SCHULTHESS RECHBERG 1922: 33 (key), 39 (descr. ♂, ♀, figs 11, 12, Botswana, Zambia).

Rhynchium gribodoi von SCHULTHESS: BLÜTHGEN 1940: 45 (syn. of *Odynerus lateralis* var. *unicolor*).

Distribution: Botswana, Burundi, Democratic Republic of Congo, Namibia, South Africa, Tanzania, Zambia.

***Propeipona lateralis paolii* (GIORDANI SOIKA 1934)**

Odynerus (*Rhynchium*) *lateralis paolii* n.var.: GIORDANI SOIKA 1934: 183 (descr. ♂ ♀, Somalia).

Odynerus (*Rhynchium*) *lateralis* var. *paolii* GIORDANI SOIKA: GUIGLIA 1938: 184 (tax., Somalia).

Odynerus (*Rhynchium*) *lateralis* var. *paolii* GIORDANI SOIKA: GUIGLIA 1940a: 277 (tax., Somalia).

Odynerus (*Rhynchium*) *lateralis* var. *paolii* GIORDANI SOIKA: GUIGLIA 1940b: 288 (Somalia).

Odynerus (*Rhynchium*) *lateralis* var. *paolii* GIORDANI SOIKA: GIORDANI SOIKA 1973: 11 (tax., Somalia).

Propeipona lateralis var. *paolii* (GIORDANI SOIKA): GIORDANI SOIKA 1977: 126 (tax.).

Odynerus (*Rhynchium*) *lateralis paolii* GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

Distribution: Somalia.

***Propeipona marginipunctata* (MEADE-WALDO 1915) new combination**

Odynerus (*Lionotus*) *marginipunctatus* n.sp.: MEADE-WALDO 1915: 487 (cat.), 496 (key), 513 (descr. ♀, Malawi), pl. 91 (fig. 6).

Odynerus (*Rygchium*) *marginipunctatus* MEADE-WALDO: BEQUAERT 1918: 305 (cat.).

Odynerus (*Lionotus*) *marginipunctatus* MEADE-WALDO: von SCHULTHESS RECHBERG 1922: 40 (key), 41 (tax., Malawi, Zambia), 44 (tax.).

Euodynerus marginipunctatus MEADE-WALDO: GIORDANI SOIKA 1965: 50 (tax.).

Distribution: Malawi, Zambia.

***Proepipona meadewaldoi meadewaldoi* (BEQUAERT 1918)**

- Odynerus (Ryngchium) meade-waldoi* n.nom.: BEQUAERT 1918: 305 (tax.), 305 (cat.).
Odynerus (Lionotus) meadewaldoi BEQUAERT: von SCHULTHESS 1923: 137 (tax., Namibia).
Odynerus (Rhynchium) meadewaldoi BEQUAERT: GIORDANI SOIKA 1935: 9 (tax., Mozambique).
Pseudepipona meadewaldoi (BEQUAERT): GIORDANI SOIKA 1961: 444 (tax., Zimbabwe).
Proepipona meadewaldoi (BEQUAERT): GIORDANI SOIKA 1989a: 50 (tax.).
Proepipona meadewaldoi (BEQUAERT): WEAVING 1994: 187 (biol., South Africa), 184 (pl. 1: figs D, E), 188 (fig. 3), 190 (fig. 4), 193, 194, 195.
Proepipona meadewaldoi (BEQUAERT): WEAVING 1995: 187 (South Africa), 188 (table 1), 189 (biol., table 2), 190 (biol., table 4), 191 (biol., table 6), 193 (biol., fig. 4), 194 (table 8), 195 (fig. 5A), 199 (table 11), 200 (table 12), 201 (table 13), 203 (table 14), 204 (biol.), 205 (table 15), 206 (table 16), 207 (biol.), 208 (biol.), 210 (biol., table 19), 211 (biol.).
**Odynerus (Lionotus) deceptor* n.sp.: MEADE-WALDO 1915: 487 (cat.), 495 (key), 511 (descr. ♀, Malawi, Mozambique, South Africa, Zambia).
Odynerus deceptor MEADE-WALDO: BEQUAERT 1918: 305 (tax.).

Distribution: Malawi, Mozambique, Namibia, South Africa, Zambia, Zimbabwe.

***Proepipona meadewaldoi postscutellaris* GIORDANI SOIKA 1989**

- Proepipona meadewaldoi postscutellaris* n.sp.: GIORDANI SOIKA 1989a: 50 (descr. ♂ ♀, Angola).
Proepipona meadewaldoi postscutellaris GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

Distribution: Angola.

***Proepipona meadewaldoi sedata* (GIORDANI SOIKA 1940)**

- Odynerus (Rhynchium) meadewaldoi sedatus* n.var.: GIORDANI SOIKA 1940: 285 (descr. ♂ ♀, Kenya, Somalia, South Africa).
Pseudepipona meadewaldoi sedatus (GIORDANI SOIKA): GIORDANI SOIKA 1961: 444 (tax.).
Odynerus meadewaldoi sedatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 24 (tax., Kenya, Somalia).
Proepipona meadewaldoi sedatus (GIORDANI SOIKA): GIORDANI SOIKA 1989a: 50 (tax.).
Odynerus (Rhynchium) meadewaldoi sedatus GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

Distribution: Kenya, Somalia, South Africa.

***Proepipona rhodesiensis rhodesiensis* (GIORDANI SOIKA 1941)**

- Odynerus (Rhynchium) lateralis rhodesiensis* n.var.: GIORDANI SOIKA 1941: 196 (descr. ♀, Zambia, Zimbabwe).
Odynerus lateralis rhodesiensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 27 (tax., Zimbabwe).
Proepipona rhodesiensis (GIORDANI SOIKA): GIORDANI SOIKA 1983: 128 (tax.), 129 (fig. 20).
Proepipona rhodesiensis rhodesiensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 82 (cat.).

Distribution: Zambia, Zimbabwe.

***Proepipona rhodesiensis aurea* GIORDANI SOIKA 1983**

- Proepipona rhodesiensis aurea* n.ssp.: GIORDANI SOIKA 1983: 130 (descr. ♀, Democratic Republic of Congo).
Proepipona rhodesiensis aurea GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

Distribution: Democratic Republic of Congo.

***Proepipona rhodesiensis flavofasciata* GIORDANI SOIKA 1983**

Proepipona rhodesiensis flavofasciata n.ssp.: GIORDANI SOIKA 1983: 130 (descr. ♀, Democratic Republic of Congo).

Proepipona rhodesiensis flavofasciata GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Proepipona rhodesiensis ruficollis* GIORDANI SOIKA 1989**

Proepipona rhodesiensis ruficollis n.sp.: GIORDANI SOIKA 1989a: 50 (descr. ♀, South Africa).

Proepipona rhodesiensis ruficollis GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

**Odynerus (Rhynchium) lateralis rhodesiensis* n.var.: GIORDANI SOIKA 1941: 196 (South Africa).

D i s t r i b u t i o n : South Africa.

References

- BAEZ M., GARCIA A. & M. KOPONEN (2005): Hymenoptera. — In: ARECHVALETA M., ZURITA N., MARRERO M.C. & J.L. MARTIN (eds), Lista preliminar de especies silvestres de Cabo Verde (Hongos, Plantas y Animales Terrestres): 96-100.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935) 11: 10 pp.
- BINGHAM C.T. (1903): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, **12** (67): 46-69.
- BLÜTHGEN P.P. (1940): Über *Odynerus meyeri* CAM., *Od. meyeri* CAM. var. *albolimbatus* SCHULTH. und *Od. pseudolateralis* M.-W. (Hym. Vespidae). — Entomologisk Tidskrift **61** (1-2): 41-45.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- CAMERON P. (1910): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — Annals of the Transvaal Museum **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- FABRICIUS J.C. (1781): Species Insectorum I. — Hamburg und Kiel (C.E.K. BOHNI): 552 pp.
- FABRICIUS J.C. (1787): Mantissa Insectorum. I. — Kiel (C.G. PROFT): 348 pp.
- FABRICIUS J.C. (1793): Entomologia Systematica emendata et aucta. 2. — Kiel (C. G. Proft): 519 pp.
- FABRICIUS J.C. (1804): Systema Piezatorum. — Braunschweig (K. Reichard): III-XIV, 440 pp., 1-30.
- FOX W. (1896): The Hymenoptera collected by Dr. A. Donaldson SMITH in Northeast Africa. — Proceedings of the Academy of Natural Sciences of Philadelphia **1896**: 547-559.
- GIORDANI SOIKA A. (1934): Due nuovi Vespidi della Somalia Italiana. — Bollettino della Società Entomologica Italiana **66** (8): 183-184.

- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I, **82**: 18 pp.
- GIORDANI SOIKA A. (1937): Monografia degli *Odynerus* etiopici, parte seconda. — Annali del Museo Civico di Storia Naturale di Genova **59**: 297-362.
- GIORDANI SOIKA A. (1940): Missione Ittiologica in A.O.I. (1937-38). Hymenoptera: Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (18): 283-286.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie, **36**: 362-367.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1965): Notulae vespilogicae XXIII. Descrizione dei tre nuovi Eumenidi dell'Africa occidentale. — Bullettino della Società Entomologica Italiana **95** (3-4): 46-51.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — Steenstrupia **4** (8): 125-129.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GMELIN F. (1790): Caroli a LINNÉ systema naturae **1** (5): 2225-3019.
- GRIBODO G. (1884): Spedizione Italiana nell'Africa Equatoriale, risultati Zoologico imenotteri. — Annali del Museo Civico di Storia Naturale di Genova **21**: 277-323.
- GUIGLIA D. (1938): Spedizione Zoologica del Marchese Saverio PATRIZI nel Basso Giuba e nell'Oltregiuba, Guigno-Agosto 1934. Imenotteri aculeati. — Annali del Museo Civico di Storia Naturale di Genova **58**: 182-188.
- GUIGLIA D. (1940a): Imenotteri aculeati (Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae, Apidae) raccolti in Africa Orientale dal Prof. G. RUSSO. — Bollettino del Laboratorio di Zoologia Generale e Agraria della Facoltà Agraria in Portici **31**: 274-292.
- GUIGLIA D. (1940b): Di alcune specie d'Imenotteri aculeati dell'Africa Orientale Italiana delle collezioni del Museo Civico di Storia Naturale di Trieste (Scoliidae, Vespidae, Pompilidae, Sphecidae, Apidae). — Atti del Museo Civico di Storia Naturale di Trieste **14** (19): 287-298.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.

- GUSENLEITNER J. (2000): Eine Aufsammlung von Eumeniden auf den Kap Verdischen Inseln (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **32** (1): 67-69.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- KOHL F.F. (1894): Zur Hymenopterenfauna Afrikas. — Annalen des k.k. Naturhistorischen Hofmuseums in Wien **9** (3): 279-350.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute 30: I-VII, 919 pp.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Euméniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- OLIVIER G.A. (1791-92): Encyclopedie methodique histoire naturelle. Insectes 6.— Paris (PANCKOUCKE): 704 pp.
- SCHLETTERER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — Annales de la Société Entomologique de Belgique **35**: 1-36.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS A. von (1913a): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.
- SCHULTHESS RECHBERG A. von (1913b): Zoologische Ergebnisse der Expedition des Herrn G. TESSMANN nach Süd-Kamerun und Spanisch-Guinea. — Mitteilungen des Zoologischen Museums in Berlin **6** (3): 337-350.
- SCHULTHESS RECHBERG A. von (1913c): Vespidae. — In: Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 unter Führung Adolf Friedrichs, Herzog zu MECKLENBURG, 4, Zoologie, **2**: 291-296.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumenidinen. — Societas Entomologia **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.
- SCHULTHESS RECHBERG A. von (1922): Zur Kenntnis äthiopischer Vespiden (Hym.). II. *Rhynchium cyanopterum* et similia. — Vierteljahresschrift der Naturforschenden Gesellschaft in Zürich **67**: 30-44.
- SCHULTHESS A. v. (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- SCHULTHESS A. v. (1928): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- TULLGREN A. (1904): On some Hymenoptera Aculeata from the Cameroons with an appendix: On some type-species of the genus *Scolia* and *Belenogaster* in the Royal Museum at Stockholm. — Arkiv for Zoologi **1** (21) 445-463, pls 22-25.
- WEAVING A.J.S. (1994): Nesting behaviour in three Afrotropical trap-nesting wasps, *Chalybion laevigatum* (KOHL), *Proepipona meadewaldoi* BEQUAERT and *Tricarinydynerus guerinii* (SAUSSURE) (Hymenoptera: Sphecidae, Eumenidae). — Entomologist **113** (3-4): 183-197.

WEAVING A.J.S. (1995): A comparison of nesting success and nesting habits in some Afrotropical aculeate wasps, with particular reference to nest parasites (Hymenoptera: Sphecidae, Eumenidae). — *Annals of the Cape Provincial Museums (Natural History)* **19** (4): 181-224.

ZAVATTARI E. (1911): Catalogo degli Eumenidi del Museo Zoologico di Napoli. — *Annuario del Museo Zoologico della R. Università di Napoli* **3** (19): 6 pp.

Genus *Pseudepipona* de SAUSSURE 1856

Description: de SAUSSURE 1856: 309.

Typus generis: *Odynerus herrichii* de SAUSSURE 1856.

Distribution: Ethiopian, Nearctic and Palearctic Region.

Subgenus: *Pseudepipona* de SAUSSURE 1856.

Valid species: 2.

Known subspecies: 1.

***Pseudepipona (Pseudepipona) angusta* (de SAUSSURE 1863)**

Odynerus (Odynerus) angustus n.sp.: de SAUSSURE 1863: 228 (descr. ♂, Ethiopia).

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

Odynerus (Lionotus) angustus de SAUSSURE: von DALLA TORRE 1904: 40 (tax., cat.).

Odynerus (Lionotus) angustus de SAUSSURE: MEADE-WALDO 1915: 488 (cat.).

Odynerus (Rygchium) angustus de SAUSSURE: BEQUAERT 1918: 293 (tax., cat.).

Pseudepipona angusta (de SAUSSURE): GIORDANI SOIKA 1955: 365 (tax., Rwanda).

D i s t r i b u t i o n : Ethiopia, Rwanda.

***Pseudepipona (Pseudepipona) lamellifera lamellifera* GIORDANI SOIKA 1987**

Pseudepipona lamellifera n.sp.: GIORDANI SOIKA 1987: 180 (fig. 56), 193 (descr. ♀, South Africa).

Pseudepipona lamellifera GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudepipona (Pseudepipona) lamellifera willowmorensis* GIORDANI SOIKA 1987**

Pseudepipona lamellifera willowmorensis n.ssp.: GIORDANI SOIKA 1987: 194 (descr. ♂ ♀, South Africa).

Pseudepipona lamellifera willowmorensis GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

D i s t r i b u t i o n : South Africa.

References

BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.

DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.

- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — *Annales du Musée Royal du Congo Belge, Zoologie*, **36**: 362-367.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- SAUSSURE H. de (1863): *Melanges Hyménoptérologiques II*. — *Mémoires de la Société de Physique d'Histoire Naturelle de Genève* **17**: 171-244, pl. 2.

Genus *Pseudochilus* de SAUSSURE 1856

Description: de SAUSSURE 1856: 321.
Typus generis: *Pterochilus glabripalpis* de SAUSSURE 1856.
Distribution: Ethiopian Region.
Valid species: 5.
Known subspecies: 1.

***Pseudochilus asmarensis* GIORDANI SOIKA 1936**

Pseudochilus asmarensis n.sp.: GIORDANI SOIKA 1936: 63 (descr. ♂, Eritrea), 64 (figs 1-7).
Pseudochilus asmarensis GIORDANI SOIKA: BOHART 1940: 168 (cat.).
Pseudochilus asmarensis GIORDANI SOIKA: GIORDANI SOIKA 1960: 391 (fig. 8 below), 392 (key), 395 (tax., fig. 10, Eritrea, Kenya).
Pseudochilus asmarensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 16 (tax., Eritrea).
Pseudochilus asmarensis GIORDANI SOIKA: GIORDANI SOIKA 1982: 202 (Ethiopia).
Pseudochilus asmarensis GIORDANI SOIKA: GIORDANI SOIKA 1987: 120 (fig. 10), 122 (key), 124 (tax., descr. ♀), 125 (figs 13, 14).
Pseudochilus asmarensis GIORDANI SOIKA: BORSATO & RATTI 1999: 67 (cat.).
Pseudochilus asmarensis GIORDANI SOIKA: GUSENLEITNER 2004: 139 (Tanzania).

D i s t r i b u t i o n : Eritrea, Ethiopia, Kenya, Tanzania.

***Pseudochilus botswanensis* GIORDANI SOIKA 1987**

Pseudochilus botswanensis n.sp.: GIORDANI SOIKA 1987: 121 (key)126 (descr. ♀, Botswana, Zambia).
Pseudochilus botswanensis GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

D i s t r i b u t i o n : Botswana, Zambia.

***Pseudochilus glabripalpis glabripalpis* (de SAUSSURE 1853)**

Pterochilus glabripalpis n.sp.: de SAUSSURE 1853: 238 (key), 239 (descr. ♀, Senegal), pl. 20 (figs 7, 7a, b).
Pseudochilus glabripalpis (de SAUSSURE): de SAUSSURE 1856: 321 (tax., typ. gen.).
Pterochilus glabripalpis de SAUSSURE: SMITH 1857: 85 (cat.).
Pseudochilus glabripalpis (de SAUSSURE): de DALLA TORRE 1894: 109 (cat.).
Pseudochilus glabripalpis (de SAUSSURE): von DALLA TORRE 1904: 57 (cat.), pl. 4 (figs 6a-c).
Pseudochilus glabripalpis (de SAUSSURE): BEQUAERT 1918: 27, 87, 285 (cat.).

Pseudochilus glabripalpis (de SAUSSURE): GIORDANI SOIKA 1936: 64 (fig. 8), 67 (tax., descr. ♂, Eritrea).

Pseudochilus glabripalpis (de SAUSSURE): BOHART 1940: 168 (cat.).

Pseudochilus glabripalpis (de SAUSSURE): GIORDANI SOIKA 1960: 393 (key, tax., Eritrea (?), Senegal), 395 (fig. 10 right).

Pseudochilus glabripalpis (de SAUSSURE): GIORDANI SOIKA 1979: 235 (Niger).

Pseudochilus glabripalpis glabripalpis (de SAUSSURE): GIORDANI SOIKA 1987: 120 (key, fig. 9), 121 (key), 122 (tax., descr. ♂ ♀, Eritrea, Niger, Senegal).

D i s t r i b u t i o n : Eritrea, Niger, Senegal.

***Pseudochilus glabripalpis nigeriensis* GIORDANI SOIKA 1987**

Pseudochilus glabripalpis nigeriensis n.ssp.: GIORDANI SOIKA 1987: 121 (key), 123 (descr. ♂, ♀, Burkina Faso, Gambia, Nigeria).

Pseudochilus glabripalpis nigeriensis GIORDANI SOIKA: GIORDANI SOIKA 1989: 28 (Burkina Faso).

Pseudochilus glabripalpis nigeriensis GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

**Pterochilus glabripalpis* de SAUSSURE: de SAUSSURE 1856: 321 (descr. ♂, Gambia).

Pseudochilus glabripalpis (de SAUSSURE): GIORDANI SOIKA 1941: 268 (tax., Gambia).

Pseudochilus glabripalpis (de SAUSSURE): MEDLER 1980: 476 (cat., Nigeria).

**Pseudochilus asmarensis* GIORDANI SOIKA: GIORDANI SOIKA 1941: 203 (tax., descr. ♀, Nigeria).

Pseudochilus asmarensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 28 (tax., Nigeria).

**Pseudochilus glabripalpis* (de SAUSSURE): de SAUSSURE 1856: 321 (descr. ♂, Gambia).

D i s t r i b u t i o n : Burkina Faso, Gambia, Nigeria.

***Pseudochilus tricolor* GIORDANI SOIKA 1987**

Pseudochilus tricolor n.sp.: GIORDANI SOIKA 1987: 121 (key), 125 (descr. ♀, Uganda).

Pseudochilus tricolor GIORDANI SOIKA: BORSATO & RATTI 1999: 97 (cat.).

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

***Pseudochilus versicolor* (von SCHULTHESS 1914)**

Pterochilus versicolor nov.spec.: von SCHULTHESS 1914: 78 (descr. ♀, fig., Democratic Republic of Congo).

Pterochilus versicolor von SCHULTHESS: BEQUAERT 1918: 194 (tax.), 318 (tax., cat.).

Pterochilus versicolor von SCHULTHESS: GIORDANI SOIKA 1936: 64 (fig. 8), 67 (syn. of *Pseudochilus glabripalpis*, Democratic Republic of Congo, Zambia).

Pseudochilus versicolor (von SCHULTHESS): GIORDANI SOIKA 1960: 393 (key), 394 (tax., fig. 9, Democratic Republic of Congo, Zambia).

Pseudochilus versicolor (von SCHULTHESS): GIORDANI SOIKA 1973: 52 (tax., Zambia).

Pseudochilus versicolor (von SCHULTHESS): GIORDANI SOIKA 1987: 121 (key, figs 11, 12).

**Odynerus (Hoplomerus) adonis* n.sp.: MEADE-WALDO 1915: 488 (cat.), 498 (key), 519 (descr. ♀, Democratic Republic of Congo).

Odynerus (Odynerus) adonis MEADE-WALDO: BEQUAERT 1918: 195 (tax.), 290 (cat.).

Odynerus adonis MEADE-WALDO: GIORDANI SOIKA 1934: 25 (syn.).

Odynerus adonis MEADE-WALDO: GIORDANI SOIKA 1936: 67 (syn. of *Pseudochilus glabripalpis*).

Odynerus (Odynerus) adonis MEADE-WALDO: GIORDANI SOIKA 1960: 394 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Zambia.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BOHART R.M. (1940): A Revision of the North American Species of *Pterocheilus* and Notes on Related Genera. — *Annals of the Entomological Society of America* **33** (1): 162-208.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera)*. — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1934): Monografia degli *Odynerus* etiopici. Parte prima. — *Annali del Museo Civico di Storia Naturale di Genova* **57**: 23-83.
- GIORDANI SOIKA A. (1936): Sul genere *Pseudochilus* e descrizione di una nuova specie di questo genere. — *Annali del Museo Civico di Storia Naturale di Genova* **59**: 63-68.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — *Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale* **2** (3): 130-279.
- GIORDANI SOIKA A. (1960): Notulae vespilogicae XIV - XV - XVI. — *Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan* **99** (4): 361-409.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1982): Eumenidi raccolti dal Prof. BONELLI in Etiopia. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **32**: 201-203.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **36** (1): 137-149.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — *Memoirs of the American Entomological Institute* **30**: I-VII, 919 pp.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Euméniens. — Genève (Cherbuliez) & Paris (Masson): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumenidinen. — *Societas Entomologia* **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

Genus *Pseudodontodynerus* BLÜTHGEN 1939

Description: BLÜTHGEN 1939: 249.
Typus generis: *Odynerus pretiosus* DUSMET 1928.
Distribution: Ethiopian, Oriental and Palearctic Region.
Valid species: 4.
Known subspecies: 1.

***Pseudodontodynerus dunbrodyensis* (CAMERON 1905)**

Odynerus dunbrodyensis sp.nov.: CAMERON 1905: 264 (descr. ♀, South Africa).
Odynerus (Lionotus) dunbrodyensis CAMERON: MEADE WALDO 1915: 487 (tax., cat.).
Odynerus (Rygchium) dunbrodyensis CAMERON: BEQUAERT 1918: 297 (tax., cat.).
Odontodynerus dunbrodyensis CAMERON: GIORDANI SOIKA 1952: 84 (tax., key).
Pseudodontodynerus dunbrodyensis (CAMERON): GIORDANI SOIKA 1970: 125 (tax., key), 126 (fig. 47).
Pseudodontodynerus dunbrodyensis (sic) (CAMERON): GIORDANI SOIKA 1982: 416 (key).
Pseudodontodynerus dunbrodyensis (CAMERON): GIORDANI SOIKA 1982: 416 (key), 418 (tax., South Africa).
**Odynerus (Lionotus) carinatus* n.sp.: MEADE-WALDO 1915: 486 (cat.), 491 (key), 502 (descr. ♂ ♀, South Africa), pl. 91 (fig. 7).
Odynerus carinatus MEADE-WALDO: BEQUAERT 1918: 297 (syn.).

D i s t r i b u t i o n : South Africa.

***Pseudodontodynerus gambiensis gambiensis* (MEADE-WALDO 1915)**

Odynerus (Lionotus) gambiensis sp.n.: MEADE-WALDO 1915: 487 (cat.), 492 (key), 504 (descr. ♀, Gambia).
Odynerus (Rygchium) gambiensis MEADE-WALDO: BEQUAERT 1918: 99 (tax. transferred to *Nortonia*), 299 (tax., cat.).
Odynerus (Rhynchium) gambiensis MEADE-WALDO: GIORDANI SOIKA 1939: 99 (Eritrea).
Odontodynerus gambiensis (MEADE-WALDO): GIORDANI SOIKA 1952: 84 (tax., key).
Pseudodontodynerus gambiensis gambiensis (MEADE-WALDO): GIORDANI SOIKA 1970: 127 (tax., key).
Pseudodontodynerus gambiensis gambiensis (MEADE-WALDO): GIORDANI SOIKA 1982: 416 (key), 417 (tax., descr. ♂, Eritrea, Democratic Republic of Congo, Tanzania, Zimbabwe).

D i s t r i b u t i o n : Democratic Republic of Congo, Eritrea, Gambia, Tanzania, Zimbabwe.

***Pseudodontodynerus gambiensis silverlocki* (MEADE-WALDO 1915)**

Odynerus (Lionotus) silverlocki n.sp.: MEADE-WALDO 1915: 487 (cat.), 505 (descr. ♀, Zambia), pl. 91 (figs 4a, b).
Odynerus (Rygchium) silverlocki MEADE-WALDO: BEQUAERT 1918: 311 (tax., cat.).
Odontodynerus silverlocki (MEADE-WALDO): GIORDANI SOIKA 1952: 84 (key).
Pseudodontodynerus gambiensis silverlocki (MEADE-WALDO): GIORDANI SOIKA 1970: 126 (tax., key, fig. 48).
Pseudodontodynerus gambiensis silverlocki (MEADE-WALDO): GIORDANI SOIKA 1982: 416 (key), 418 (tax., descr. ♂, South Africa).

D i s t r i b u t i o n : South Africa, Zambia.

***Pseudodontodynerus novissimus* GIORDANI SOIKA 1982**

Pseudodontodynerus novissimus n.sp.: GIORDANI SOIKA 1982: 416 (key), 418 (descr. ♂ ♀, South Africa).

Pseudodontodynerus novissimus GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudodontodynerus schwarzi* GUSENLEITNER 2009**

Pseudodontodynerus schwarzi nov.sp.: GUSENLEITNER 2009: 509 (descr. ♀, Zambia).

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

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- CAMERON P. (1905): On some new Genera and Species of Hymenoptera collected by the Revd. J.A. O'NEIL, S.J., chiefly at Dunbrody, Cape Colony. — Records of the Albany Museum **1** (4): 245-265.
- GIORDANI SOIKA A. (1939): Raccolte Entomologiche del Dr. Alfredo ANDREINI in Eritrea. Vespidae e Sphegidae (Hymenoptera). — Memorie della Società Entomologica Italiana **18**: 95-105.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1970): Missione GIORDANI SOIKA in Iran 1965 III. Contributo alla conoscenza degli Eumenidi del Medio Oriente. — Bollettino del Museo Civico di Storia Naturale di Venezia **20-21**: 27-183.
- GIORDANI SOIKA A. (1982): Revisione del genere *Pseudodontodynerus* BL. (Hym., Eumenidae). — Mitteilungen der Schweizer Entomologischen Gesellschaft **54** (4): 415-420.
- GUSENLEITNER J. (2009): *Pseudodontodynerus schwarzi* nov.sp.. eine neue Art aus Zambia (Hymenoptera: Vespidae: Eumeninae). — Linzer biologische Beiträge **41** (1): 509-511.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.

Genus *Pseudonortonia* GIORDANI SOIKA 1936

Description: GIORDANI SOIKA 1936c: 268.

Typus generis: *Odynerus difformis* de SAUSSURE 1853.

Synonym: *Subancistroceroides* BLÜTHGEN 1938.

Distribution: Ethiopian, Oriental and Palearctic Region.

Valid species: 40.

Known subspecies: 1.

***Pseudonortonia aberratica aberratica* (MORICE 1903)**

Nortonia aberratica (MORICE): GIORDANI SOIKA 1935b: 169 (fig. 2, Eritrea).

Pseudonortonia aberratica (MORICE): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia aberratica (MORICE): GIORDANI SOIKA 1987a: 163 (descr. ♀, Sudan), 164 (figs 44, 45).

Pseudonortonia aberratica (MORICE): GIORDANI SOIKA 1989b: 38 (Burkina Faso).

**Nortonia moricei* KOHL: von SCHULTHESS 1922: 98 (Sudan).

D i s t r i b u t i o n : Burkina Faso, Eritrea, Sudan.

Known from the Palearctic Region.

***Pseudonortonia aegyptiaca* (de SAUSSURE 1863)**

Pseudonortonia aegyptiaca (de SAUSSURE): GIORDANI SOIKA 1939b: 361 (tax., Eritrea).

Pseudonortonia aegyptiaca (de SAUSSURE): GIORDANI SOIKA 1941: 244 (tax., Eritrea).

Pseudonortonia aegyptiaca (de SAUSSURE): GIORDANI SOIKA 1987a: 159 (tax.), 160 (figs 37-39).

**Odynerus (Ancistrocerus) heydenianus* n.sp.: de SAUSSURE 1863: 211 (descr. ♀, Eritrea), pl. 2 (fig. 20).

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

Odynerus (Ancistrocerus) heydenianus de SAUSSURE: von DALLA TORRE 1904: 46 (cat.).

Odynerus heydenianus de SAUSSURE: MEADE-WALDO 1915: 486 (cat.).

Nortonia heydeniana (de SAUSSURE): BEQUAERT 1918: 286 (tax., cat.).

Pseudonortonia heydeniana (de SAUSSURE): GIORDANI SOIKA 1936c: 268 (tax.).

Odynerus heydenianus de SAUSSURE: GIORDANI SOIKA 1941: 244 (syn.).

D i s t r i b u t i o n : Eritrea, Sudan.

Known from the Palearctic Region.

***Pseudonortonia arida* GIORDANI SOIKA 1987**

Pseudonortonia arida n.sp.: GIORDANI SOIKA 1987a: 158 (descr. ♀, figs 35, 36, Senegal).

Pseudonortonia arida GIORDANI SOIKA: BORSATO & RATTI 1999: 67 (cat.).

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

***Pseudonortonia arnoldi* GIORDANI SOIKA 1936**

Pseudonortonia arnoldi n.sp.: GIORDANI SOIKA 1936c: 268 (descr. ♂, Zimbabwe), 267 (figs 2.1-4).

Pseudonortonia arnoldi GIORDANI SOIKA: GIORDANI SOIKA 1941: 243 (descr. ♀, South Africa).

Pseudonortonia arnoldi GIORDANI SOIKA: GIORDANI SOIKA 1973: 16 (tax., Zimbabwe), 29 (tax., South Africa).

Pseudonortonia arnoldi GIORDANI SOIKA: BORSATO & RATTI 1999: 67 (cat.).

D i s t r i b u t i o n : South Africa, Zimbabwe.

***Pseudonortonia aterrima* GIORDANI SOIKA 1989**

Pseudonortonia aterrima n.sp.: GIORDANI SOIKA 1989b: 37 (descr. ♀, Gabon).

Pseudonortonia aterrima GIORDANI SOIKA: BORSATO & RATTI 1999: 67 (cat.).

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

***Pseudonortonia aurantiaca* GIORDANI SOIKA 1936**

Pseudonortonia aurantiaca n.sp.: GIORDANI SOIKA 1936c: 271 (descr. ♂, South Africa).
Pseudonortonia aurantiaca GIORDANI SOIKA: GIORDANI SOIKA 1973: 16 (tax., South Africa).
Pseudonortonia aurantiaca GIORDANI SOIKA: BORSATO & RATTI 1999: 68 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudonortonia barbara* GIORDANI SOIKA 1992**

Pseudonortonia barbara n.sp.: GIORDANI SOIKA 1992: 50 (descr. ♀, South Africa).
Pseudonortonia barbara GIORDANI SOIKA: BORSATO & RATTI 1999: 68 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudonortonia bisuturalis* (de SAUSSURE 1852)**

Odynerus (Ancistrocerus) bisuturalis n.sp.: de SAUSSURE 1852: 123 (key), 127 (descr. ♂, ? Senegal).
Odynerus bisuturalis de SAUSSURE: SMITH 1857: 72 (cat.).
Odynerus bisuturalis de SAUSSURE: de DALLA TORRE 1894: 57 (cat.).
Odynerus (Ancistrocerus) bisuturalis de SAUSSURE: von DALLA TORRE 1904: 41 (tax., cat.).
Labus bisuturalis (de SAUSSURE): MEADE-WALDO 1915: 501 (tax.).
Nortonia bisuturalis (de SAUSSURE): BEQUAERT 1918: 96 (key), 102 (tax., descr. ♂ ♀, Democratic Republic of Congo), 104 (figs 92-94), 285 (cat.).
Nortonia ? bisuturalis (de SAUSSURE): SCHOUTEDEN 1919: 176 (Democratic Republic of Congo).
Nortonia bisuturalis (de SAUSSURE): GIORDANI SOIKA 1935a: 242 (South Africa).
Pseudonortonia bisuturalis (de SAUSSURE): GIORDANI SOIKA 1936c: 268 (tax.).
Pseudonortonia bisuturalis (de SAUSSURE): BEQUAERT 1938: 3 (Democratic Republic of Congo).
Pseudonortonia bisuturalis (de SAUSSURE): GIORDANI SOIKA 1952: 79 (Ethiopia).
Pseudonortonia bisuturalis (de SAUSSURE): GIORDANI SOIKA 1985: 190 (tax.), 191 (fig. 3).
Pseudonortonia bisuturalis (de SAUSSURE): GIORDANI SOIKA 1989b: 35 (Cameroon).
Pseudonortonia bisuturalis (de SAUSSURE): GUSENLEITNER 1992a: 674 (Mali).
Pseudonortonia bisuturalis (de SAUSSURE): GUSENLEITNER 2006: 659 (Niger).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Ethiopia, Mali, Niger, Senegal (?), South Africa.

Known from the Palearctic Region.

***Pseudonortonia boranensis* GIORDANI SOIKA 1939**

Pseudonortonia boranensis sp.n.: GIORDANI SOIKA 1939a: 82 (descr. ♀, Ethiopia), 83 (figs 2.1-4).
Pseudonortonia boranensis GIORDANI SOIKA: GUIGLIA 1939b: 49 (Ethiopia).
Pseudonortonia boranensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 21 (tax., Ethiopia).
Pseudonortonia boranensis GIORDANI SOIKA: GIORDANI SOIKA 1989b: 38 (tax., Burkina Faso).
Pseudonortonia boranensis GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

D i s t r i b u t i o n : Burkina Faso, Ethiopia.

***Pseudonortonia braunsii* (KOHLE 1906)**

Nortonia braunsii n.sp.: KOHLE 1906: 234 (descr. ♀, South Africa), 245 (key), pls 4 (figs 19, 31), 6 (figs 9, 14, 19).
Nortonia braunsii KOHLE: BEQUAERT 1918: 96 (key), 106 (tax., fig. 95, Democratic Republic of Congo, Mozambique, South Africa), 286 (cat.).
Nortonia braunsii KOHLE: SCHOUTEDEN 1919: 177 (Democratic Republic of Congo).

Pseudonortonia braunsii (KOHL): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia braunsii (KOHL): BEQUAERT 1938: 3 (Democratic Republic of Congo), 10 (cat.).

Pseudonortonia braunsii (KOHL): GUIGLIA 1939a: 85 (Ethiopia).

Pseudonortonia braunsii (KOHL): GIORDANI SOIKA 1983: 110 (tax., South Africa), 111 (fig. 7).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Mozambique, South Africa.

***Pseudonortonia caffra* (MEADE-WALDO 1911)**

Labus caffra n.sp.: MEADE-WALDO 1911: 451 (key), 453 (descr. ♀, South Africa).

Nortonia caffra MEADE-WALDO: BEQUAERT 1918: 286 (tax., cat.).

Nortonia caffra MEADE-WALDO: BEQUAERT 1928: 159 (tax., descr. ♂ ♀, South Africa).

Pseudonortonia caffra (MEADE-WALDO): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia caffra (MEADE-WALDO): GIORDANI SOIKA 1985: 190 (tax.).

D i s t r i b u t i o n : South Africa.

***Pseudonortonia coniuix* GIORDANI SOIKA 1983**

Pseudonortonia coniuix n.sp.: GIORDANI SOIKA 1983: 113 (descr. ♂ ♀, Democratic Republic of Congo), 114 (fig. 11).

Pseudonortonia coniuix GIORDANI SOIKA: BORSATO & RATTI 1999: 72 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Pseudonortonia convexiuscula* GIORDANI SOIKA 1939**

Pseudonortonia convexiuscula sp.n.: GIORDANI SOIKA 1939a: 84 (descr. ♀, Ethiopia), 85 (figs 3.1-3).

Pseudonortonia convexiuscula GIORDANI SOIKA: GUIGLIA 1939b: 50 (Ethiopia).

Pseudonortonia convexiuscula GIORDANI SOIKA: GIORDANI SOIKA 1973: 21 (tax., Ethiopia).

Pseudonortonia convexiuscula GIORDANI SOIKA: GIORDANI SOIKA 1989a: 41 (descr. ♀, Ethiopia), 42 (figs 21, 22).

Pseudonortonia convexiuscula GIORDANI SOIKA: GIORDANI SOIKA 1989b: 38 (descr. ♂, Burkina Faso).

Pseudonortonia convexiuscula GIORDANI SOIKA: BORSATO & RATTI 1999: 72 (cat.).

D i s t r i b u t i o n : Burkina Faso, Ethiopia.

***Pseudonortonia depressa* GIORDANI SOIKA 1983**

Pseudonortonia depressa n.sp.: GIORDANI SOIKA 1983: 108 (descr. ♂ ♀, South Africa).

Pseudonortonia depressa GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudonortonia difformis* (de SAUSSURE 1852)**

Odynerus difformis n.sp.: de SAUSSURE 1852: 145 (descr. ♂, Senegal).

Odynerus difformis n.sp.: de SAUSSURE 1853: pl. 11 (figs 11, 11a,b).

Odynerus difformis de SAUSSURE: SMITH 1857: 72 (cat.).

Odynerus difformis de SAUSSURE: de DALLA TORRE 1894: 64 (cat.).

Odynerus (Ancistrocerus) difformis de SAUSSURE: von DALLA TORRE 1904: 44 (tax., cat.).

Labus difformis (de SAUSSURE): MEADE-WALDO 1915: 502 (tax., cat.).

Nortonia difformis (de SAUSSURE): BEQUAERT 1918: 286 (tax., cat.).

Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1936c: 268 (tax., typ. gen.).

- Pseudonortonia difformis* (de SAUSSURE): GIORDANI SOIKA 1979a: 237 (Niger).
Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1979b: 280 (fig. 5).
Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1987a: 156 (tax., descr. ♂).
Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1989a: 40 (figs 15-17).
Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1989b: 33 (Burkina Faso), 34 (tax., Gambia, Niger, Senegal).

D i s t r i b u t i o n : Burkina Faso, Gambia, Niger, Senegal.

Known from the Palearctic Region.

***Pseudonortonia elongata* GIORDANI SOIKA 1941**

- Pseudonortonia elongata* n.sp.: GIORDANI SOIKA 1941: 194 (descr. ♀, Ethiopia).
Pseudonortonia elongata GIORDANI SOIKA: GIORDANI SOIKA 1973: 27 (cat., Ethiopia).
Pseudonortonia elongata GIORDANI SOIKA: BORSATO & RATTI 1999: 74 (cat.).

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

***Pseudonortonia fischeri* GIORDANI SOIKA 1987**

- Pseudonortonia fischeri* n.sp.: GIORDANI SOIKA 1987a: 162 (descr. ♂, figs 42, 43, Sudan).
Pseudonortonia fischeri GIORDANI SOIKA: BORSATO & RATTI 1999: 76 (cat.).
**Nortonia sudanensis* nov.spec.: von SCHULTHESS 1920: 1 (descr. ♂, Sudan).
Nortonia sudanensis nov.spec.: von SCHULTHESS 1922: 97 (descr. ♂, Sudan).

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

***Pseudonortonia flavolineata* GIORDANI SOIKA 1983**

- Pseudonortonia flavolineata* n.sp.: GIORDANI SOIKA 1983: 117 (descr. ♂ ♀, fig. 15, Democratic Republic of Congo).
Pseudonortonia flavolineata GIORDANI SOIKA: BORSATO & RATTI 1999: 76 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Pseudonortonia fragosa* (KOHL 1906)**

- Nortonia fragosa* n.sp.: KOHL 1906: 237 (descr. ♂, Democratic Republic of Congo), 246 (key).
Nortonia fragosa KOHL: BEQUAERT 1918: 97 (key), 107 (tax., Democratic Republic of Congo), 286 (cat.).
Nortonia fragosa KOHL: GIORDANI SOIKA 1935a: 242 (South Africa).
Pseudonortonia fragosa (KOHL): GIORDANI SOIKA 1936c: 268 (tax.).
Pseudonortonia fragosa (KOHL): BEQUAERT 1938: 3 (Democratic Republic of Congo).
Pseudonortonia fragosa (KOHL): GIORDANI SOIKA 1983: 115 (tax., figs 12, 13, Angola, Burundi, Democratic Republic of Congo, Gabon, Mozambique, Uganda).
Pseudonortonia fragosa (KOHL): GIORDANI SOIKA 1989b: 33 (Gabon).

D i s t r i b u t i o n : Angola, Burundi, Democratic Republic of Congo, Gabon, Mozambique, South Africa, Uganda.

***Pseudonortonia gambiensis* (MEADE-WALDO 1911)**

- Labus gambiensis* n.sp.: MEADE-WALDO 1911: 451 (key), 454 (descr. ♀, Gambia, Malawi).
Nortonia gambiensis (MEADE-WALDO): BEQUAERT 1918: 286 (cat.).
Nortonia gambiensis (MEADE-WALDO): BEQUAERT 1928: 159 (tax., Gambia).
Pseudonortonia gambiensis (MEADE-WALDO): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia gambiensis (MEADE-WALDO): BEQUAERT 1938: 3 (tax., Democratic Republic of Congo).

Pseudonortonia gambiensis (MEADE-WALDO): GIORDANI SOIKA 1975: 7 (Nigeria).

Pseudonortonia gambiensis (MEADE-WALDO): MEDLER 1980: 476 (cat., Nigeria).

Pseudonortonia gambiensis (MEADE-WALDO): GIORDANI SOIKA 1985: 189, 190 (fig. 2, Ghana).

Pseudonortonia gambiensis (MEADE-WALDO): GIORDANI SOIKA 1989b: 39 (Burkina Faso, Senegal).

Pseudonortonia gambiensis (MEADE-WALDO): GUSENLEITNER 1992a: 674 (Mali, Togo).

**Nortonia acarophila* n.sp.: BEQUAERT 1918: 95 (key), 97 (descr. ♀, figs 81-84, Democratic Republic of Congo), 285 (cat.).

Nortonia acarophila BEQUAERT: SCHOUTEDEN 1919: 176 (Democratic Republic of Congo).

Nortonia acarophila BEQUAERT: BEQUAERT 1928: 159 (syn.).

Nortonia acarophila BEQUAERT: BEQUAERT 1938: 3 (syn.).

D i s t r i b u t i o n : Burkina Faso, Democratic Republic of Congo, Gambia, Ghana, Malawi, Mali, Nigeria, Senegal, Togo.

***Pseudonortonia interiacens* GIORDANI SOIKA 1987**

Pseudonortonia interiacens n.sp.: GIORDANI SOIKA 1987a: 160 (descr. ♂, Burkina Faso), 161 (figs 40, 41).

Pseudonortonia interiacens GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : Burkina Faso.

***Pseudonortonia kibonotensis kibonotensis* (CAMERON 1910)**

Odynerus (Ancistrocerus) kibonotensis sp.nov.: CAMERON 1910a: 192 (descr. ♀, Tanzania), 196 (cat.).

Odynerus (Ancistrocerus) kibonotensis CAMERON: MEADE-WALDO 1913: 52 (key).

Nortonia kibonotensis (CAMERON): von SCHULTHESS 1913: 18 (tax.).

Odynerus (Ancistrocerus) kibonotensis CAMERON: MEADE WALDO 1915: 486 (tax., Tanzania, cat.), 490 (key).

Nortonia kibonotensis (CAMERON): BEQUAERT 1918: 286 (tax., cat.).

Pseudonortonia kibonotensis (CAMERON): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia kibonotensis (CAMERON): GIORDANI-SOIKA 1983: 105 (tax, Democratic Republic of Congo, Ethiopia, Ghana, Kenya, Nigeria, Somalia, Tanzania, Zambia), 106 (fig. 5), 107 (fig. 6).

Pseudonortonia kibonotensis (CAMERON): GIORDANI SOIKA 1987b: 152 (tax., Gambia).

Pseudonortonia kibonotensis kibonotensis (CAMERON): GIORDANI SOIKA 1989b: 33 (Gabon, Togo).

Pseudonortonia kibonotensis (CAMERON): GUSENLEITNER 1992a: 674 (Mali, Senegal).

**Ancistrocerus (Ancistrocerus) zairensis* n.sp.: BEQUAERT 1918: 113 (key), 117 (descr. ♂ ♀, figs 111-115, Democratic Republic of Congo), 289 (cat.).

Ancistrocerus zairensis BEQUAERT: GIORDANI SOIKA 1934: 368 (Senegal).

Ancistrocerus (Parancistrocerus) zairensis BEQUAERT: BEQUAERT 1925: 65 (tax.).

Ancistrocerus (Parancistrocerus) zairensis zairensis BEQUAERT: GIORDANI SOIKA 1936a: 33 (key), 38 (Senegal).

Ancistrocerus (Parancistrocerus) zairensis BEQUAERT: GIORDANI SOIKA 1936b: 234 (Uganda, Zimbabwe).

Pseudonortonia zairensis (BEQUAERT): BEQUAERT 1938: 4 (tax.).

Ancistrocerus zairensis BEQUAERT: GIORDANI SOIKA 1983: 105 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Gabon, Gambia, Ghana, Kenya, Mali, Nigeria, Senegal, Somalia, Tanzania, Togo, Uganda, Zambia, Zimbabwe.

***Pseudonortonia kibonotensis rufisquama* GIORDANI SOIKA 1989**

Pseudonortonia kibonotensis rufisquama n.ssp.: GIORDANI SOIKA 1989b: 33 (descr. ♂ ♀, Burkina Faso, Gambia, Nigeria).

Pseudonortonia kibonotensis rufisquama GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

Pseudonortonia kibonotensis rufisquama GIORDANI SOIKA: GUSENLEITNER 2002a: 302 (Tanzania).

D i s t r i b u t i o n : Burkina Faso, Gambia, Nigeria, Tanzania.

***Pseudonortonia kisangani* (BEQUAERT 1918)**

Ancistrocerus (*Subancistrocerus*) *kisangani* n.sp.: BEQUAERT 1918: 113 (key), 115 (descr. ♂, figs 108-110, Democratic Republic of Congo), 288 (cat.), pl. 1 (fig. 8).

Ancistrocerus (*Subancistrocerus*) *kisangani* BEQUAERT: GIORDANI SOIKA 1936a: 32 (key), 36 (fig. 1), 37 (descr. ♀, Democratic Republic of Congo, Gabon, Uganda).

Ancistrocerus kisangani BEQUAERT: GIORDANI SOIKA 1973: 15 (tax., Gabon).

Pseudonortonia kisangani (BEQUAERT): GIORDANI SOIKA 1989b: 35 (tax., Gabon), 64 (fig. 1).

D i s t r i b u t i o n : Democratic Republic of Congo, Gabon, Uganda.

***Pseudonortonia leclercqi* GIORDANI SOIKA 1989**

Pseudonortonia leclercqi n.sp.: GIORDANI SOIKA 1989b: 39 (descr. ♂, Senegal).

Pseudonortonia leclercqi GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

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

***Pseudonortonia lomholdti* GIORDANI SOIKA 1983**

Pseudonortonia lomholdti n.sp.: GIORDANI SOIKA 1983: 111 (descr. ♂ ♀, Namibia).

Pseudonortonia lomholdti GIORDANI SOIKA: BORSATO & RATTI 1999: 83 (cat.).

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

***Pseudonortonia maculinoda* (CAMERON 1910)**

Eumenes maculinoda sp.n.: CAMERON 1910b: 156 (descr. ♂, South Africa).

Eumenes maculinodus CAMERON: BEQUAERT 1918: 278 (cat.).

Eumenes maculinodus CAMERON: BEQUAERT 1926: 493 (tax.).

Pseudonortonia maculinoda (CAMERON): GIORDANI SOIKA 1983: 109 (tax., Democratic Republic of Congo, Ethiopia, South Africa), 110 (figs 7, 8), 111 (fig. 10).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, South Africa.

***Pseudonortonia malelensis* (BEQUAERT 1918)**

Nortonia malelensis n.sp.: BEQUAERT 1918: 95 (key), 109 (descr. ♂, Democratic Republic of Congo), 110 (figs 101-106), 286 (cat.).

Pseudonortonia malensis (BEQUAERT): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia malelensis (BEQUAERT): BEQUAERT 1938: 4 (Democratic Republic of Congo).

Pseudonortonia malelensis (BEQUAERT): GIORDANI SOIKA 1985: 191 (fig. 3, Democratic Republic of Congo).

Pseudonortonia malelensis (BEQUAERT): GIORDANI SOIKA 1989b: 35 tax., Gabon), 65 (fig. 2).

Pseudonortonia malelensis (BEQUAERT): GUSENLEITNER 1992a: 674 (Ghana).

Pseudonortonia malensis (sic) (BEQUAERT): GUSENLEITNER 1999: 364 (Ivory Coast).

Pseudonortonia malelensis (BEQUAERT): GUSENLEITNER 2005: 408 (Burkina Faso).

Pseudonortonia malelensis (BEQUAERT): GUSENLEITNER 2006: 659 (Niger).

Distribution: Burkina Faso, Democratic Republic of Congo, Gabon, Ghana, Ivory Coast, Niger.

***Pseudonortonia morula* (KOHLE 1906)**

Nortonia (?) *morula* n.sp.: KOHL 1906: 236 (descr. ♀, Gabon), 246 (key), pls 4 (fig. 25), 6 (figs 7, 15).

Nortonia morula KOHL: BEQUAERT 1918: 96 (key), 107 (descr. ♀, Democratic Republic of Congo), 108 (figs 96-100).

Pseudonortonia morula (KOHLE): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia morula (KOHLE): BEQUAERT 1938: 4 (Democratic Republic of Congo).

Pseudonortonia morula (KOHLE): GIORDANI SOIKA 1989b: 33 (Gabon, Ivory Coast).

Distribution: Democratic Republic of Congo, Gabon, Ivory Coast.

***Pseudonortonia parvula* (de SAUSSURE 1852)**

Ancistrocerus (*Ancistrocerus*) *pharao* (de SAUSSURE): GIORDANI SOIKA 1936a: 34 (key), 40 (tax., Sudan).

Pseudonortonia pharao (de SAUSSURE): GIORDANI SOIKA 1989b: 32 (Burkina Faso, Senegal).

Distribution: Burkina Faso, Senegal, Sudan.

Known from the Palearctic Region.

***Pseudonortonia paulyi* GIORDANI SOIKA 1989**

Pseudonortonia paulyi n.sp.: GIORDANI SOIKA 1989b: 35 (descr. ♂ ♀, Gabon), 65 (fig. 3).

Pseudonortonia paulyi GIORDANI SOIKA: BORSATO & RATTI 1999: 89 (cat.).

Distribution: Gabon.

***Pseudonortonia rubrosignata* GUSENLEITNER 1992**

Pseudonortonia rubrosignata nov.spec.: GUSENLEITNER 1992b: 851 (descr. ♂, Democratic Republic of Congo), 852 (fig. 1), 852 (fig. 2).

Distribution: Democratic Republic of Congo.

***Pseudonortonia rufolineata* (CAMERON 1905)**

Eumenes rufolineata sp.nov.: CAMERON 1905: 206 (descr. ♂, South Africa).

Eumenes rufolineata CAMERON: CAMERON 1910b: 156 (South Africa).

Eumenes rufolineatus CAMERON: von SCHULTHESS RECHBERG 1910: 17 (cat.).

Eumenes rufolineatus CAMERON: BEQUAERT 1918: 283 (cat.).

Nortonia rufolineata (CAMERON): SCOTT 1933 (In: BENSON et al.): 119 (tax., Ethiopia).

Eumenes rufolineata CAMERON: BEQUAERT 1926: 493 (tax.).

Pseudonortonia rufolineata (CAMERON): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia rufolineata (CAMERON): GIORDANI SOIKA 1952: 78 (Ethiopia).

Pseudonortonia rufolineata (CAMERON): GIORDANI SOIKA 1983: 112 (tax., Democratic Republic of Congo, Ethiopia, South Africa, Tanzania, Uganda, Zambia).

Pseudonortonia rufolineata (CAMERON): GIORDANI SOIKA 1987a: 165 (tax.).

Pseudonortonia rufolineata (CAMERON): GIORDANI SOIKA 1989b: 38 (Burkina Faso, Senegal).

Pseudonortonia rufolineata (CAMERON): GUSENLEITNER 1992a: 674 (Mali).

**Nortonia* (?) *polydora* n.sp.: KOHL 1906: 235 (descr. ♀, Senegambia = Senegal), pls 4 (fig. 30), 6 (figs 13, 17).

Nortonia polydora KOHL: BEQUAERT 1918: 96 (key), 107 (tax., Democratic Republic of Congo), 287 (cat.).

Nortonia polydora KOHL: von SCHULTHESS 1923: 136 (Namibia).

Nortonia polydora KOHL: GIORDANI SOIKA 1934: 370 (tax., Guinea Bissau, Senegal, Democratic Republic of Congo).

Pseudonortonia polydora (KOHL): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia polydora (KOHL): BEQUAERT 1938: 4 (Democratic Republic of Congo).

Nortonia polydora KOHL: GIORDANI SOIKA 1987a: 165 (syn.).

Distribution: Burkina Faso, Democratic Republic of Congo, Ethiopia, Guinea Bissau, Mali, Namibia, Senegal, South Africa, Tanzania, Uganda, Zambia.

***Pseudonortonia rufoquadripustulata* (CAMERON 1910)**

Odynerus rufoquadripustulatus n.sp.: CAMERON 1910a: 189 (descr. ♀ as *Odynerus rufo-4-pustulatus*, Tanzania). 196 (cat.).

Odynerus (Lionotus) rufoquadripustulatus CAMERON: MEADE-WALDO 1913: 53 (tax., key).

Nortonia rufoquadripustulata CAMERON: von SCHULTHESS 1913: 18 (tax.).

Pachymenes rufoquadripustulatus (CAMERON): BEQUAERT 1918: 284 (tax., cat.).

Pseudonortonia rufoquadripustulata (CAMERON): GIORDANI SOIKA 1983: 116 (tax., Democratic Republic of Congo, Kenya, Tanzania, Uganda, Zambia), 117 (fig. 14).

**Pseudonortonia dewittei* n.sp.: BEQUAERT 1938: 3, 4 (descr. ♂ ♀, Democratic Republic of Congo), 5 (figs 1A-G), 10 (cat.).

Pseudonortonia dewittei BEQUAERT: GIORDANI SOIKA 1983: 116 (syn.).

Distribution: Democratic Republic of Congo, Kenya, Tanzania, Uganda, Zambia.

***Pseudonortonia somala* GIORDANI SOIKA 1989**

Pseudonortonia somala n.sp.: GIORDANI SOIKA 1989a: 40 descr. ♂, Somalia), 41 (figs 18-20).

Pseudonortonia somala GIORDANI SOIKA: BORSATO & RATTI 1999: 95 (cat.).

Distribution: Somalia.

***Pseudonortonia soror* (KOHL 1906)**

Nortonia soror n.sp.: KOHL 1906: 237 (descr. ♂, South Africa), 246 (key), pls 4 (figs 22, 24), 6 (fig. 4).

Nortonia soror KOHL: BEQUAERT 1918: 96 (key), 287 (cat.).

Nortonia ? soror KOHL: SCHOUTEDEN 1919: 176 (Democratic Republic of Congo).

Nortonia soror KOHL (?): GUIGLIA 1932: 122 (Somalia).

Nortonia soror KOHL: GIORDANI SOIKA 1935a: 242 (South Africa).

Pseudonortonia soror (KOHL): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia soror (KOHL): GIORDANI SOIKA 1983: 112 (tax.).

Distribution: Democratic Republic of Congo (?), Somalia (?), South Africa.

***Pseudonortonia sudanensis* (von SCHULTHESS 1920)**

Nortonia sudanensis nov.spec.: von SCHULTHESS 1920: 1 (descr. ♀, Sudan).

Nortonia sudanensis nov.spec.: von SCHULTHESS 1922: 97 (descr. ♀, figs 1, 2, Sudan).

Pseudonortonia sudanensis (von SCHULTHESS): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia sudanensis (von SCHULTHESS): GIORDANI SOIKA 1989b: 33 (tax., Cameroon, Niger, Senegal, Sudan).

Pseudonortonia sudanensis (von SCHULTHESS): GUSENLEITNER 1992a: 674 (Mali).

**Pseudonortonia difformis* (de SAUSSURE): GIORDANI SOIKA 1987a: 156 (sen. syn.).
Pseudonortonia difformis (de SAUSSURE): GIORDANI SOIKA 1989a: 156 (figs 15-17).

D i s t r i b u t i o n : Cameroon, Mali, Niger, Senegal, Sudan.

Known from the Palearctic Region.

***Pseudonortonia tegulata* GIORDANI SOIKA 1989**

Pseudonortonia tegulata n.sp.: GIORDANI SOIKA 1989a: 42 (descr. ♂, South Africa), 43 (fig. 23).
Pseudonortonia tegulata GIORDANI SOIKA: BORSATO & RATTI 1999: 97 (cat.).

D i s t r i b u t i o n : South Africa.

***Pseudonortonia tenuis* GUSENLEITNER 2002**

Pseudonortonia tenuis nova spec.: GUSENLEITNER 2002b: 314 (descr. ♀, Namibia).

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

***Pseudonortonia tricarínulata* (BEQUAERT 1918)**

Nortonia tricarínulata n.sp.: BEQUAERT 1918: 95 (key), 99 (descr. ♀, Democratic Republic of Congo), 100 (figs 85-91), 287 (cat.).

Pseudonortonia tricarínulata (BEQUAERT): GIORDANI SOIKA 1936c: 268 (tax.).

Pseudonortonia tricarínulata (BEQUAERT): BEQUAERT 1938: 4 (Democratic Republic of Congo).

Pseudonortonia tricarínulata (BEQUAERT): GIORDANI SOIKA 1952: 79 (Ethiopia, South Africa).

Pseudonortonia tricarínulata (BEQUAERT): GIORDANI SOIKA 1982: 202 (Ethiopia).

Pseudonortonia tricarínulata (BEQUAERT): GUSENLEITNER 2004: 145 (Kenya).

Pseudonortonia tricarínulata (BEQUAERT): GUSENLEITNER 2009: 511 (tax., Zambia).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Kenya, South Africa, Zambia.

***Pseudonortonia uncinata* GIORDANI SOIKA 1989**

Pseudonortonia uncinata n.sp.: GIORDANI SOIKA 1989b: 36 (descr. ♂, Gabon), 65 (fig. 4).

Pseudonortonia uncinata GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

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

References

- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — Annals and Magazine of Natural History, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1925): The Genus *Ancistrocerus* (Hymenoptera, Vespidae) in North America, with a Partial Key to the Species. — Transactions of the American Entomological Society **51**: 57-117.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — Annals of the South African Museum **23** (3): 484-577.

- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — *Annals and Magazine of Natural History*, 10. series, **2** (7): 138-176.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: *Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935)* **11**: 10 pp.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- CAMERON P. (1905): On the Hymenoptera of the Albany Museum, Grahamstown, South Africa (Second paper). — *Records of the Albany Museum* **1** (4): 185-244.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaisteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT* **2**: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- GIORDANI SOIKA A. (1934): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — *Annali del Museo Civico di Storia Naturale di Genova* **56**: 367-381.
- GIORDANI SOIKA A. (1935a): Su alcuni Eumenini del Deutsches Entomologisches Institut di Berlin-Dahlem. — *Arbeiten über Morphologische und Taxonomische Entomologie aus Berlin-Dahlem* **2** (4): 242-252.
- GIORDANI SOIKA A. (1935b): Contributo alla conoscenza degli Eumenini Egiziani (Hymenoptera-Vespidae). — *Bulletin de la Société Entomologique d'Égypte* **19**: 161-199.
- GIORDANI SOIKA A. (1936a): Gli *Ancistrocerus* della regione etiopica (Hym. Vespidae). — *Revue Française d'Entomologie* **3** (1): 32-45.
- GIORDANI SOIKA A. (1936b): Supplemento alla mia revisione degli *Ancistrocerus* etiopici (Hym. Vespidae). — *Revue Française d'Entomologie* **3** (3): 234-236.
- GIORDANI SOIKA A. (1936c): Caratteri del genere *Nortonia* SAUSS. e descrizione di due specie (Hymen. Vespidae). — *Annali del Museo Civico di Storia Naturale di Genova* **59**: 267-271.
- GIORDANI SOIKA A. (1939a): Hymenoptera. Descrizione di alcuni Vespidi solitari. — In: ZAVATTARI E. (ed.), *Missione biologica nel paese dei Borana* 2. *Raccolte zoologiche* **3**: 79-95.
- GIORDANI SOIKA A. (1939b): Risultati di raccolti imenoterologiche in Africa Orientale del Dr. P. MAGRETTI (1883). Aggiunte e correzioni agli Eumenidi. — *Annali del Museo Civico di Storia Naturale di Genova* **60**: 354-362.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — *Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale* **2** (3): 130-279.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1975): Notulae vespilogicae - XXXVIII. Su alcuni Eumenidi dell'Africa occidentale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **27**: 7-14.
- GIORDANI SOIKA A. (1979a): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.

- GIORDANI SOIKA A. (1979b): Eumenidi raccolti nell'Arabia meridionale da K. GUICHARD. — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 271-285.
- GIORDANI SOIKA A. (1982): Eumenidi raccolti dal Prof. BONELLI in Etiopia. — Bollettino del Museo Civico di Storia Naturale di Venezia **32**: 201-203.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GIORDANI SOIKA A. (1985): Sulla presenza di acarinari nei vespidi solitari e descrizione di *Acarepipona insolita* n. gen. n.sp. con un acarinario di nuovo tipo. — Bollettino del Museo Civico di Storia Naturale di Venezia **34**: 189-196.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 151-156.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauaniques de Gembloux **20**: 23-67.
- GIORDANI SOIKA A. (1992): Di alcuni Eumenidi nuovi o poco noti (Hymenoptera Vespoidea). — Lavori – Società Veneziana di Scienze Naturali **17**: 41-68.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — Memorie della Società Entomologica Italiana **10**: 118-136.
- GUIGLIA D. (1939a): Missione al Lago Tana diretta de G. DAINELLI (1937) – Hymenoptera Aculeata. — Memorie della Società Entomologica Italiana **18**: 80-92.
- GUIGLIA D. (1939b): Hymenoptera. Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. — In: ZAVATTARI E. (ed.), Missione Biologica nel paese dei Borana. Raccolte zoologiche **3**: 45-77.
- GUSENLEITNER J. (1992a): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1992b): Zwei neue Eumeniden-Gattungen aus dem aethiopischen Raum (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **24** (2): 851-856.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2002a): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2002b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (1): 307-320.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- GUSENLEITNER J. (2009): *Pseudodontodynerus schwarzi* nov.sp.. eine neue Art aus Zambia (Hymenoptera: Vespidae: Eumeninae). — Linzer biologische Beiträge **41** (1): 509-511.

- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, **71**: 169-301.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diptera in the Collection of the British Museum. — *Annals and Magazine of Natural History*, 8. series, **8** (46): 444-457.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History*, 8. series, **11** (61): 44-54.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — *Memoirs of the American Entomological Institute* **30**: I-VII, 919 pp.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — *Mémoires de la Société de Physique d'Histoire Naturelle de Genève* **17**: 171-244, pl. 2.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — *Revue Zoologique Africaine* **6**: 171-189.
- SCHULTHESS RECHBERG A. von (1910): Systematische Uebersicht der äthiopischen *Eumenes*-arten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. — *Societas Entomologica* **25** (5): 17-19.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.
- SCHULTHESS A. von (1920): Ergebnisse der zoologischen Expedition Prof. F. WERNER's nach dem angloägyptischen Sudan (Kordofan) 1904, VIII. Hymenoptera, II. Vespidae. — *Anzeiger der Akademie der Wissenschaften* **27**: 1-2.
- SCHULTHESS A. von (1922): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — *Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse*, **98**: 95-99.
- SCHULTHESS A. v. (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), *Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band 2* (2): 135-140.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

Genus *Pseudozumia* de SAUSSURE 1875

Description: de SAUSSURE 1875: 128.

Typus generis: *Montezumia bimaculata* MEADE-WALDO 1911.

Synonym: *Afrozumia* GIORDANI SOIKA 1987.

Distribution: Ethiopian Region.

Subgenus: *Afrozumia* GIORDANI SOIKA 1987.

Valid species: 1.

***Pseudozumia bimaculata* (MEADE-WALDO 1911)**

Montezumia bimaculata n.sp.: MEADE-WALDO 1911: 455 (descr. ♀, Zambia).

Montezumia bimaculata MEADE-WALDO: BEQUAERT 1918: 289 (tax., cat.).

Montezumia (Pseudozumia) bimaculata MEADE WALDO: BEQUAERT 1921: 239 (tax.), 248 (cat.).

Montezumia bipunctata (sic) MEADE-WALDO: von SCHULTHEB 1923: 4 (Zambia).

Pachymenes bimaculata (MEADE-WALDO): von SCHULTHESS 1928: 307 (key), 310 (key), 319 (tax.).

Pseudozumia bimaculata (MEADE-WALDO): GIORDANI SOIKA 1941: 164 (tax.).

Pseudozumia (Afrozumia) bimaculata (MEADE-WALDO): GIORDANI SOIKA 1987: 140 (typ. subgen., tax.).

Montezumia (Pseudozumia) michaelis n.sp.: BEQUAERT 1921: 235 (descr. ♂, Democratic Republic of Congo).

Montezumia (Pseudozumia) michaelis BEQUAERT: GIORDANI SOIKA 1987: 140 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Zambia.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1921): Description d'une espèce congolaise du genre "*Montezumia*" (Hyménoptères, Vespides) suivie de remarques taxonomiques sur ce groupe. — Revue Zoologique Africaine **9** (3): 235-251.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diploptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **8**, (46): 444-457.
- SCHULTHEB A. von (1923): Neue äthiopische Eumenidinen (Vespiden). — Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien **73**: 1-3.
- SCHULTHESS A. von (1928): Zur äthiopischen Vespidenfauna (Hym.). *Rhynchia synagroides* et affinia. — Deutsche Entomologische Zeitschrift **28** (4): 305-335.

Genus *Pterocheilus* KLUG 1805

Description: KLUG 1805: 143.

Typus generis: *Vespa phalerata* PANZER 1797.

Distribution: Ethiopian, Nearctic and Palearctic Region.

Subgenus: *Pterocheilus* KLUG 1805.

Valid species: 1.

***Pterocheilus (Pterocheilus) eurystomus* KOHL 1906**

Pterocheilus eurystomus n.sp.: KOHL 1906: 257 (descr. ♀, Socotra), pl. 5 (figs 9, 11).

Pterochilus eurystomus KOHL: BEQUAERT 1918: 317 (cat.).

Pterocheilus eurystomus KOHL: GIORDANI SOIKA 1960: 389 (tax., descr. ♀, Socotra).

Pterocheilus eurystomus KOHL: GIORDANI SOIKA 1974: 72 (Socotra).

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

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- GIORDANI SOIKA A. (1960): Notulae vespilogicae XIV - XV - XVI. — *Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan* **99** (4): 361-409.
- GIORDANI SOIKA A. (1974): Eumenidi di Socotra ed Abd-el-Kuri. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **25**: 69-85.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — *Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse*, **71**: 169-301.

Genus *Pteromenes* GIORDANI SOIKA 1960

Description: GIORDANI SOIKA 1960: 407.

Typus generis: *Pterochilus paradisiacus* GIORDANI SOIKA 1941.

Distribution: Ethiopian Region.

Valid species: 1.

Pteromenes paradisiacus (GIORDANI SOIKA 1941)

Pterochilus paradisiacus n.sp.: GIORDANI SOIKA 1941: 201 (fig. 15.1), 202 (descr. ♀, Kenya).

Pteromenes paradisiacus (GIORDANI SOIKA): GIORDANI SOIKA 1960: 399 (fig. 12 below right), 408 (tax., typ. gen., descr. ♂ ♀, fig. 15, Kenya, Somalia).

Pterochilus paradisiacus GIORDANI SOIKA: GIORDANI SOIKA 1973: 28 (tax., Kenya).

Pteromenes paradisiacus (GIORDANI SOIKA): GIORDANI SOIKA 1973: 52 (tax., Somalia).

Pteromenes paradisiacus (GIORDANI SOIKA): BORSATO & RATTI 1999: 89 (cat.).

D i s t r i b u t i o n : Kenya, Somalia.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — *Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale* **2** (3): 130-279.
- GIORDANI SOIKA A. (1960): Notulae vespilogicae XIV - XV - XVI. — *Atti della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale Milan* **99** (4): 361-409.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.

Genus *Raphiglossa* SAUNDERS 1850

Description: SAUNDERS 1850: 17.

Typus generis: *Raphiglossa eumenoides* SAUNDERS 1850.

Synonym: *Raphidoglossa* de DALLA TORRE 1894.

Distribution: Ethiopian and Palearctic Region.

Valid species: 4.

***Raphiglossa flavoornata* CAMERON 1905**

- Raphiglossa flavo-ornata* sp.nov.: CAMERON 1905: 231 (descr. ♀, South Africa).
Raphiglossa flavoornata CAMERON: CAMERON 1910: 156 (South Africa).
Raphiglossa flavoornata CAMERON: BEQUAERT 1918: 270 (cat.).
Raphiglossa flavoornata CAMERON: SCHOUTEDEN 1919: 172 (Democratic Republic of Congo).
Raphiglossa flavoornata CAMERON: BEQUAERT 1928: 146 (tax.).
Raphiglossa flavoornata CAMERON: GIORDANI SOIKA 1974a: 113 (key), 129 (tax., descr. ♂ ♀, Angola, Democratic Republic of Congo, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe), 130 (figs 30-33).
Raphiglossa flavoornata CAMERON: MEDLER 1980: 476 (cat., Nigeria).
Raphiglossa flavoornata CAMERON: GESS & GESS 1994: 100 (table 1: biol., South Africa).
Raphiglossa flavoornata CAMERON: GESS & GESS 2003: 85 (biol., South Africa), 348 (biol., South Africa), 466 (biol., South Africa), 468 (biol., South Africa), 491 (biol., South Africa), 511 (biol., South Africa).
Raphiglossa flavoornata CAMERON: GUSENLEITNER 2004: 148 (Tanzania).
 **Raphidoglossa punctata* n.sp.: MEADE-WALDO 1910: 34 (descr. ♂, Angola).
Raphidoglossa punctata MEADE-WALDO: MEADE-WALDO 1911: 449 (tax., descr. ♀, Democratic Republic of Congo, Zambia).
Raphidoglossa punctata MEADE-WALDO: MEADE-WALDO 1913: 45 (syn.).
Raphidoglossa punctata MEADE-WALDO: BEQUAERT 1928: 146 (syn.).
Raphidoglossa punctata MEADE-WALDO: GIORDANI SOIKA 1974a: 129 (syn.).
 **Raphidoglossa braunsiana* nov.spec.: von SCHULTHESS-RECHBERG 1913: 1 (descr. ♀, South Africa).
Raphiglossa braunsiana (von SCHULTHESS-RECHBERG): BEQUAERT 1918: 270 (cat.).
 ? *Raphiglossa braunsiana* (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1974a: 129 (syn.).

Distribution: Angola, Democratic Republic of Congo, Mozambique, Nigeria, South Africa, Tanzania, Zambia, Zimbabwe.

***Raphiglossa natalensis* SMITH 1857**

- Raphiglossa natalensis* n.sp.: SMITH 1857: 8 (descr. ♀, South Africa), pl. 1 (fig. 4).
Raphidoglossa natalensis SMITH: de DALLA TORRE 1894: 7 (tax., cat.).
Raphiglossa natalensis SMITH: de SCHULTHESS-SCHINDLER 1899: 270 (tax., Mozambique).
Raphidoglossa natalensis (SMITH): von DALLA TORRE 1904: 12 (tax., cat.).
Raphidoglossa natalensis (SMITH): von SCHULTHESS RECHBERG 1910: 187 (tax., descr. ♂, Mozambique, South Africa).
Raphidoglossa natalensis (SMITH): MEADE-WALDO 1911: 449 (tax.).
Raphiglossa natalensis SMITH: BEQUAERT 1918: 270 (tax., cat.).
Raphidoglossa natalensis (SMITH): von SCHULTHESS 1928: 97 (tax., Chad).
Raphiglossa natalensis SMITH: BEQUAERT 1928: 146 (tax., South Africa).
Raphiglossa natalensis SMITH: GIORDANI SOIKA 1974a: 113 (key), 127 (tax., descr. ♂ ♀, fig. 25, Mozambique, South Africa), 128 (figs 26-29).
Raphiglossa natalensis SMITH: GESS 1981: 31 (biol., South Africa).
Raphiglossa natalensis SMITH: GESS & GESS 2003: 86 (biol., South Africa), 287 (biol., South Africa), 441 (biol., South Africa), 468 (biol., South Africa), 472 (biol., South Africa), 473 (biol., South Africa), 475 (biol., South Africa), 511 (biol., South Africa), 514 (biol., South Africa), 515 (biol., South Africa), 516 (biol., South Africa).
 **Raphidoglossa flavoornata* (CAMERON): MEADE-WALDO 1913: 45 (tax., biol., South Africa).
Raphiglossa flavoornata CAMERON: BEQUAERT 1918: 30 (tax., Democratic Republic of Congo, South Africa).

Distribution: Chad, Democratic Republic of Congo, Mozambique, South Africa.

***Raphiglossa septentrionalis* GIORDANI SOIKA 1989**

Raphiglossa septentrionalis n.sp.: GIORDANI SOIKA 1989: 27 (descr. ♀, Togo).

Raphiglossa septentrionalis GIORDANI SOIKA: BORSATO & RATTI 1999: 94 (cat.).

Distribution: Togo.

***Raphiglossa tibestica* GIORDANI SOIKA 1974**

Raphiglossa tibestica n.sp.: GIORDANI SOIKA 1974a: 113 (key), 125 (descr. ♂ ♀, figs 21-24, Chad, Nigeria, Sudan).

Raphiglossa tibestica n.sp.: GIORDANI SOIKA 1974b: 119 (tax., descr. ♂ ♀, Chad, Nigeria, Sudan).

Raphiglossa tibestica GIORDANI SOIKA: GUSENLEITNER 1992a: 672 (Ghana, Ivory Coast, Togo).

Raphiglossa tibestica GIORDANI SOIKA: BORSATO & RATTI 1999: 97 (cat.).

Raphiglossa tibestica GIORDANI SOIKA: GUSENLEITNER 2000: 920 (Gambia).

**Raphiglossa symmorpha* de SAUSSURE?: MAGRETTI 1884: 608 (tax., Ethiopia).

Raphiglossa symmorpha de SAUSSURE: MAGRETTI 1885: 302 (Ethiopia), 353 (cat.).

Raphiglossa symmorpha de SAUSSURE: BEQUAERT 1918: 270 (tax., cat. partim).

Distribution: Chad, Ethiopia, Gambia, Ghana, Ivory Coast, Nigeria, Sudan, Togo.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- CAMERON P. (1905): On some new Genera and Species of Hymenoptera from Cape Colony and Transvaal. — Transactions of the South African Philosophical Society **15**: 195-257.
- CAMERON P. (1910): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — Annals of the Transvaal Museum **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GESS F.W. (1981): Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa. — Annals of the Cape Provincial Museums (Natural History) **14** (1): 1-80.
- GESS S.K. & F.W. GESS (1994): Potential pollinators of the Cape Group of Crotalariaeae (sensu POLHILL) (Fabales: Papilionaceae), with implications for seed production in cultivated rooibos tea. — African Entomology **2** (2): 97-106.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GESS S.K. & F.W. GESS (2006): Survey of Flower visiting by Aculeate Wasps and Bees in the semi-arid to arid Areas of southern Africa. — Annals of the Eastern Cape Museums **5**: 1-51.

- GIORDANI SOIKA A. (1974a): Revisione della sottofamiglia Raphiglossinae. — Bollettino del Museo Civico di Storia Naturale di Venezia **25**: 107-146.
- GIORDANI SOIKA A. (1974b): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. — Bollettino della Società Entomologica Italiana **106** (5-7): 119-121.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (2000): Über Vespoidea aus Gambia (Hymenoptera, Vespidae, Eumenidae). — Linzer biologische Beiträge **32** (2): 917-921.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- MAGRETTI P. (1884): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MEADE-WALDO G. (1910): New Species of Diptera in the Collection of the British Museum. Part I. — Annals and Magazine of Natural History, 8. series, **5** (25): 30-51.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **8** (46): 444-457.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — Annals and Magazine of Natural History, 8. series, **11** (61): 44-54.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS-SCHINDLER A. de (1899): La faune entomologique du Delagoa. Hymenoptères. — Bulletin de la Société Vaudoise des Sciences Naturelles **35** (132): 249-277.
- SCHULTHESS RECHBERG A. von (1910): Über einige und weniger bekannte Eumeniden (Vespiden, Hymenoptera). — Deutsche Entomologische Zeitschrift **1910**: 187-192.
- SCHULTHESS-RECHBERG A. von (1913): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.
- SCHULTHESS A. v. (1928): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

Genus *Raphiglossoides* GIORDANI SOIKA 1936

Description: GIORDANI SOIKA 1936: 77.

Typus generis: *Raphiglossoides aethiopicus* GIORDANI SOIKA 1936.

Distribution: Ethiopian Region.

Valid species: 2.

***Raphiglossoides aethiopicus* GIORDANI SOIKA 1936**

Raphiglossoides aethiopicus n.sp.: GIORDANI SOIKA 1936: 77 (typ. gen., descr. ♂ ♀, South Africa), 78 (figs 1.1-10).

Raphiglossoides aethiopicus GIORDANI SOIKA: GIORDANI SOIKA 1973: 16 (tax., South Africa).

Raphiglossoides aethiopicus GIORDANI SOIKA: BORSATO & RATTI 1999: 65 (cat.).

Gibbodynerus gibbus* nova spec.: GUSENLEITNER 2000: 949 (descr. ♀, South Africa), 952 (figs 1-3). **new synonym

Gibbodynerus gibbus GUSENLEITNER: GUSENLEITNER 2002: 317 (tax.).

Gibbodynerus gibbus GUSENLEITNER: GUSENLEITNER 2007: 92 (tax., descr. ♂, South Africa).

D i s t r i b u t i o n : South Africa.

***Raphiglossoides minutus* (GUSENLEITNER 2000) new combination**

Gibbodynerus minutus nova.spec.: GUSENLEITNER 2000: 951 (descr. ♀, South Africa), 952 (figs 4, 5).

Gibbodynerus minutus GUSENLEITNER: GUSENLEITNER 2007: 92 (South Africa).

D i s t r i b u t i o n : South Africa.

References

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.

GIORDANI SOIKA A. (1936): Descrizione di un nuovo genere e di una nuova specie di Eumenini della fauna etiopica. — *Bollettino della Società Entomologica Italiana* **68** (5-6): 77-79.

GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.

GUSENLEITNER J. (2000): Eine neue Eumeniden-Gattung und neue Arten aus Südafrika (Hymenoptera, Eumenidae). — *Linzer biologische Beiträge* **32** (2): 949-952.

GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — *Linzer biologische Beiträge* **34** (1): 307-320.

GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). — *Linzer biologische Beiträge* **39** (1): 83-95.

Genus *Rhynchalastor* MEADE-WALDO 1910

Description: MEADE-WALDO 1910: 110.

Typus generis: *Rhynchalastor fuscipennis* MEADE-WALDO 1910.

Synonym: *Stenodyneroides* GIORDANI SOIKA 1940. **new synonym**

Distribution: Ethiopian Region.

Valid species: 25.

Known subspecies: 5.

***Rhynchalastor auratipennis* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *auratipennis* n.sp.: GIORDANI SOIKA 1934b: 31 (key), 39 (descr. ♀, Kenya).

Odynerus (*Stenodyneroides*) *auratipennis* GIORDANI SOIKA: GIORDANI SOIKA 1940: 470, 471 (tax.).

Odynerus auratipennis GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Kenya).

Stenodyneroides auratipennis (GIORDANI SOIKA): BORSATO & RATTI 1999: 68 (tax., cat.).

Distribution: Kenya.

***Rhynchalastor auratus* (FABRICIUS 1787) new combination**

Vespa aurata n.sp.: FABRICIUS 1787: 289 (descr., Sierra Leone).

Vespa aurata FABRICIUS: GMELIN 1790: 2759 (tax., descr., Sierra Leone).

Vespa aurata FABRICIUS: OLIVIER 1792: 666 (key), 683 (tax., descr., Sierra Leone).

Vespa aurata FABRICIUS: FABRICIUS 1793: 263 (tax., descr., Sierra Leone).

Vespa aurata FABRICIUS: FABRICIUS 1804: 259 (tax., descr., Sierra Leone).

Vespa aurata FABRICIUS: de SAUSSURE 1853: 264 (tax.).

Vespa aurata FABRICIUS: de DALLA TORRE 1894: 138 (cat.).

Vespa aurata FABRICIUS: von DALLA TORRE 1904: 66 (cat.).

Odynerus aurata (FABRICIUS): SCHULZ 1912: 82 (tax., Sierra Leone).

Odynerus (Rygchium) auratus (FABRICIUS): BEQUAERT 1918: 162 (tax.), 293 (tax., cat.).

Stenodyneroides auratus (FABRICIUS): GIORDANI SOIKA 1989b: 43 (tax., Gabon).

Stenodyneroides auratus (FABRICIUS): GUSENLEITNER 2006: 1333 (Benin, Uganda), 1344 (figs 1-4).

**Odynerus hyacinthae* n.sp.: GRIBODO 1892: 290 (descr. ♂ ♀ (291: foot note), Gabon, Sierra Leone).

Odynerus hyacinthae GRIBODO: de DALLA TORRE 1894: 73 (cat.).

Odynerus (Lionotus) hyacinthae GRIBODO: von DALLA TORRE 1904: 47 (tax., cat.).

Odynerus (Lionotus) hyacinthae GRIBODO: MEADE-WALDO 1915: 488 (cat.).

Odynerus (Rygchium) hyacinthae GRIBODO: BEQUAERT 1918: 302 (tax., cat.).

Odynerus (Rynchium) hyacinthae GRIBODO: SCHOUTEDEN 1919: 179 (Democratic Republic of Congo).

Odynerus (Stenodynerus) hyacinthae GRIBODO: von SCHULTHESS 1928: 99 (figs a, b), 100 (tax., descr. ♂, Democratic Republic of Congo).

Odynerus (Rhynchium) hyacinthae GRIBODO: GIORDANI SOIKA 1934a: 381 (tax., Guinea Bissau, Sierra Leone).

Odynerus (Stenodynerus) hyacinthae GRIBODO: GIORDANI SOIKA 1934b: 31 (key), 32 (tax., descr. ♂ ♀, Democratic Republic of Congo, Gabon, Guinea Bissau), 33 (figs 3.1-4).

Odynerus (Stenodyneroides) hyacinthae GRIBODO: GIORDANI SOIKA 1940: 470, 471 (tax.).

Odynerus hyacinthae Gribodo: GIORDANI SOIKA 1989b: 43 (syn.).

Rhynchium chrysomallum* n.sp.: SCHLETTERER 1891: 23 (descr. ♀, Democratic Republic of Congo), pl. 1 (fig. 9). **new synonym

Rhynchium chrysomallum SCHLETTERER: KOHL 1894: 343 (Gabon).

Rhynchium chrysomallum SCHLETTERER: de DALLA TORRE 1894: 43 (cat.).

Rhynchium chrysomallum SCHLETTERER: von DALLA TORRE 1904: 33 (cat.).

Odynerus (Rygchium) chrysomallus (SCHLETTERER): BEQUAERT 1918: 295 (cat.).

Distribution: Benin, Democratic Republic of Congo, Gabon, Guinea Bissau, Sierra Leone, Uganda.

***Rhynchalastor baidoensis* (GIORDANI SOIKA 1944)**

Odynerus (Rhynchalastor) baidoensis n.sp.: GIORDANI SOIKA 1944: 168 (descr. ♀, Somalia).

Rhynchalastor baidoensis (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).

Odynerus (Rhynchalastor) baidoensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Somalia).

Rhynchalastor baidoensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 68 (cat.).

Distribution: Somalia.

***Rhynchalastor bairstowi bairstowi* (GRIBODO 1892) new combination**

- Odynerus bairstowi* n.sp.: GRIBODO 1892: 292 (descr. ♀, Nigeria).
Odynerus bairstowi GRIBODO: de DALLA TORRE 1894: 55 (cat.).
Odynerus (Lionotus) bairstowi GRIBODO: von DALLA TORRE 1904: 40 (tax., cat.).
Odynerus (Stenodynerus) bairstowi GRIBODO: MEADE-WALDO 1915: 488 (tax., cat.), 498 (key).
Odynerus (Rygchium) bairstowi GRIBODO: BEQUAERT 1918: 294 (tax., cat.).
Odynerus (Rygchium) bairstowi GRIBODO: BEQUAERT 1928: 172 (tax., Angola, Uganda).
Odynerus (Stenodynerus) bairstowi GRIBODO: von SCHULTHESS 1928: 99 (Democratic Republic of Congo).
Odynerus (Stenodynerus) bairstowi bairstowi GRIBODO: GIORDANI SOIKA 1934b: 32 (key), 35 (tax., descr. ♂ ♀, Angola, Cameroon, Democratic Republic of Congo, Guinea Bissau, Uganda).
Odynerus (Stenodyneroides) bairstowi bairstowi GRIBODO: GIORDANI SOIKA 1940: 470, 471 (tax.).
Stenodyneroides bairstowi (GRIBODO): GUSENLEITNER 1992: 675 (tax., Ivory Coast).
Stenodyneroides bairstowi bairstowi (GRIBODO): GUSENLEITNER 2006: 1337 (tax., descr. ♂ ♀, Benin, Nigeria), 1347 (fig. 24), 1348 (figs 25-27).
 **Odynerus (Ancistrocerus) gowdeyanus* n.sp.: MEADE-WALDO 1911: 457 (descr. ♂, Uganda).
Odynerus (Ancistrocerus) gowdeyanus MEADE-WALDO: MEADE-WALDO 1915: 486 (Uganda, cat.), 489 (key).
Ancistrocerus gowdeyanus (MEADE-WALDO): BEQUAERT 1918: 287 (tax., cat.).
Odynerus (Ancistrocerus) gowdeyanus MEADE-WALDO: BEQUAERT 1928: 172 (syn.).
Ancistrocerus gowdeyanus (MEADE-WALDO): MEDLER 1980: 476 (cat., Nigeria).

Distribution: Angola, Benin, Cameroon, Democratic Republic of Congo, Guinea Bissau, Ivory Coast, Nigeria, Uganda.

***Rhynchalastor bairstowi militaris* (GIORDANI SOIKA 1934) new combination**

- Odynerus (Stenodynerus) bairstowi militaris* n.var.: GIORDANI SOIKA 1934b: 36 (descr. ♀, Central African Republic).
Odynerus (Stenodyneroides) bairstowi var. *militaris* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).
Odynerus bairstowi ssp. *militaris* GIORDANI SOIKA: GIORDANI SOIKA 1973: 9 (tax., Central African Republic).
Stenodyneroides bairstowi militaris GIORDANI SOIKA: BORSATO & RATTI 1999: 68 (cat.).

Distribution: Central African Republic.

***Rhynchalastor bensoni* (GIORDANI SOIKA 1934) new combination**

- Odynerus (Stenodynerus) bensoni* n.sp.: GIORDANI SOIKA 1934b: 30 (key), 58 (descr. ♂ ♀, Democratic Republic of Congo, Malawi, Zambia), 59 (figs 8.1-7).
Odynerus (Stenodyneroides) bensoni GIORDANI SOIKA: GIORDANI SOIKA 1940: 470, 472 (tax., Angola, Democratic Republic of Congo, Zimbabwe).
Odynerus bensoni GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Democratic Republic of Congo, Malawi).
Stenodyneroides bensoni (GIORDANI SOIKA): BORSATO & RATTI 1999: 69 (tax., cat.).
Stenodyneroides bensoni (GIORDANI SOIKA): GUSENLEITNER 2006: 1334 (Mozambique, Zambia), 1344 (figs 5, 6), 1345 (figs 7-9).

Distribution: Angola, Democratic Republic of Congo, Malawi, Mozambique, Zambia, Zimbabwe.

***Rhynchalastor captiosus* (GIORDANI SOIKA 1989) new combination**

Stenodyneroides captiosus n.sp.: GIORDANI SOIKA 1989a: 47 (descr. ♂, Zambia).

Stenodyneroides captiosus GIORDANI SOIKA: BORSATO & RATTI 1999: 71 (cat.).

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

***Rhynchalastor carinatus* (GUSENLEITNER 2006) new combination**

Stenodyneroides carinatus n.sp.: GUSENLEITNER 2006: 1334 (descr. ♂ ♀, Mozambique, Zambia, Zimbabwe), 1346 (figs 14-17).

D i s t r i b u t i o n : Mozambique, Zambia, Zimbabwe.

***Rhynchalastor caudalis* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *histrionimimus caudalis* n.var.: GIORDANI SOIKA 1934b: 42 (descr. ♂ ♀, Kenya, Uganda, Zimbabwe).

Odynerus (*Stenodyneroides*) *histrionimimus* var. *caudalis* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).

Odynerus histrionimimus caudalis GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Uganda, Zimbabwe).

Stenodyneroides caudalis (GIORDANI SOIKA): GIORDANI SOIKA 1983: 126 (tax.).

Stenodyneroides caudalis (GIORDANI SOIKA): BORSATO & RATTI 1999: 79 (cat.).

**Odynerus* (*Stenodynerus*) *cereus* n.sp.: GIORDANI SOIKA 1934b: 31 (key), 55 (descr. ♂, Tanzania, Zambia), 56 (figs 7.1-5).

Odynerus (*Stenodyneroides*) *cereus* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471, 472 (tax., Zimbabwe).

Odynerus cereus GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Tanzania).

Odynerus cereus GIORDANI SOIKA: GIORDANI SOIKA 1983: 126 (syn.).

Odynerus (*Stenodynerus*) *cereus* GIORDANI SOIKA: BORSATO & RATTI 1999: 71 (cat.).

D i s t r i b u t i o n : Kenya, Tanzania, Uganda, Zambia, Zimbabwe.

***Rhynchalastor corvus corvus* (MEADE-WALDO 1915) new combination**

Odynerus (*Stenodynerus*) *corvus* n.sp.: MEADE-WALDO 1915: 488 (cat.), 498 (key), 517 (descr. ♂ ♀, Kenya, Malawi, Zimbabwe), pl. 91 (fig. 15).

Odynerus (*Rygchium*) *corvus* MEADE-WALDO: BEQUAERT 1918: 295 (tax., cat.).

Odynerus (*Stenodynerus*) *corvus corvus* MEADE-WALDO: GIORDANI SOIKA 1934b: 30 (key), 52 (tax., descr. ♂ ♀, Kenya, Malawi, Zimbabwe).

Odynerus (*Stenodyneroides*) *corvus corvus* MEADE-WALDO: GIORDANI SOIKA 1940: 471 (tax., typ. subgen.).

Stenodyneroides corvus (MEADE-WALDO): GUSENLEITNER 2002: 303 (tax., Tanzania).

Stenodyneroides corvus (MEADE-WALDO): GUSENLEITNER 2006: 1335 (Zimbabwe), 1345 (figs 10-12), 1346 (fig. 13).

D i s t r i b u t i o n : Kenya, Malawi, Tanzania, Zimbabwe.

***Rhynchalastor corvus viridipennis* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *corvus viridipennis* n.var.: GIORDANI SOIKA 1934b: 55 (descr. ♀, "Congo").

Odynerus (*Stenodyneroides*) *corvus* var. *viridipennis* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).

Odynerus corvus ssp. *viridipennis* GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., "Congo").

Stenodyneroides corvus viridipennis (GIORDANI SOIKA): BORSATO & RATTI 1999: 73 (tax., cat.).

D i s t r i b u t i o n : "Congo".

***Rhynchalastor ferruginatus ferruginatus* (BEQUAERT 1918) new combination**

Odynerus (*Rygchium*) *ferruginatus* n.nom.: BEQUAERT 1918: 229 (tax., Mozambique), 298 (cat.).

Odynerus ferruginatus BEQUAERT: BEQUAERT 1928: 173 (tax.).

Odynerus (*Stenodynerus*) *ferruginatus ferruginatus* BEQUAERT: GIORDANI SOIKA 1934b: 30 (key), 51 (tax., figs 6.1-3, Mozambique, South Africa).

Odynerus (*Stenodynerus*) *ferruginatus* BEQUAERT: GIORDANI SOIKA 1935: 5 (Mozambique).

Odynerus (*Stenodyneroides*) *ferruginatus* BEQUAERT: GIORDANI SOIKA 1940: 470, 471 (tax., Zimbabwe).

Stenodyneroides ferruginatus (BEQUAERT): GUSENLEITNER 2006: 1336 (tax., Botswana, Malawi, Mozambique, Namibia, South Africa, Zambia, Zimbabwe), 1346 (fig. 18), 1347 (fig. 19).

**Odynerus* (*Stenodynerus*) *ferrugineus* nov.spec.: von SCHULTHESS 1914: 72 (descr. ♂ ♀, Mozambique, South Africa), 73 (fig.), 78 (fig.).

Odynerus (*Stenodynerus*) *ferrugineus* von SCHULTHESS: MEADE-WALDO 1915: 488 (types seen, cat.), 498 (key), pl. 91 (fig. 13).

D i s t r i b u t i o n : Botswana, Malawi, Mozambique, Namibia, South Africa, Zambia, Zimbabwe.

***Rhynchalastor ferruginatus capensis* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *ferruginatus capensis* n.var.: GIORDANI SOIKA 1934b: 52 (descr. ♂ ♀, Namibia, South Africa).

Odynerus (*Stenodyneroides*) *ferruginatus* var. *capensis* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).

Odynerus ferruginatus ssp. *capensis* GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Namibia, South Africa).

Stenodyneroides ferruginatus capensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 76 (tax., cat.).

D i s t r i b u t i o n : Namibia, South Africa.

***Rhynchalastor flavofasciatellus* (GIORDANI SOIKA 1940) new combination**

Odynerus (*Stenodyneroides*) *flavofasciatellus* n.sp.: GIORDANI SOIKA 1940: 470 (key), 472 (descr. ♀, South Africa).

Stenodyneroides flavofasciatellus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., South Africa).

Stenodyneroides flavofasciatellus GIORDANI SOIKA: BORSATO & RATTI 1999: 76 (cat.).

D i s t r i b u t i o n : South Africa.

***Rhynchalastor flavofasciatus* (GUSENLEITNER 2006) new combination**

Stenodyneroides flavofasciatus n.sp.: GUSENLEITNER 2006: 1336 (descr. ♀, Kenya), 1347 (figs 20-23).

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

***Rhynchalastor flavotorquatus* (GIORDANI SOIKA 1940)**

Odynerus (*Rhynchalastor*) *flavotorquatus* n.sp.: GIORDANI SOIKA 1944: 168 (descr. ♂ ♀, Ethiopia).

Rhynchalastor flavotorquatus (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax., Ethiopia).

Odynerus (*Rhynchalastor*) *flavotorquatus* GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Ethiopia).

Rhynchalastor flavotorquatus (GIORDANI SOIKA): BORSATO & RATTI 1999: 76 (cat.).

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

***Rhynchalastor fuscipennis fuscipennis* (MEADE-WALDO 1910)**

Rhynchalastor fuscipennis n.sp.: MEADE-WALDO 1910: 110 (typ. gen., descr. ♀, Tanzania).

Rhynchalastor fuscipennis MEADE-WALDO: BEQUAERT 1918: 229 (tax., Mozambique), 328 (cat.).

Rhynchalastor fuscipennis MEADE-WALDO: BEQUAERT 1928: 173 (tax., Tanzania).

Odynerus (Rhynchalastor) fuscipennis (MEADE-WALDO): GIORDANI SOIKA 1944: 169 (tax., Mozambique, Tanzania).

Rhynchalastor fuscipennis MEADE-WALDO: GIORDANI SOIKA 1952: 79 (tax.).

**Odynerus (Stenodynerus) ferrugineus mafiensis* nov.var.: von SCHULTHESS 1914: 73 (descr. ♂ ♀, Tanzania (Tanzania, Mafia)).

Odynerus ferruginatus var. *mafiensis* von SCHULTHESS: MEADE-WALDO 1915: 501 (tax.).

Odynerus ferruginatus mafiensis von SCHULTHESS: BEQUAERT 1918: 229 (syn.).

D i s t r i b u t i o n : Mozambique, Tanzania (Tanzania, Mafia).

***Rhynchalastor fuscipennis indotatooides* (GIORDANI SOIKA 1944)**

Odynerus (Rhynchalastor) fuscipennis indotatooides n.var.: GIORDANI SOIKA 1944: 169 (descr. ♂ ♀, Mozambique).

Rhynchalastor fuscipennis indotatooides (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).

Odynerus (Rhynchalastor) fuscipennis indotatooides GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Mozambique).

Rhynchalastor fuscipennis indotatooides (GIORDANI SOIKA): BORSATO & RATTI 1999: 77 (cat.).

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

***Rhynchalastor guigliae* (GIORDANI SOIKA 1934) new combination**

Odynerus (Rhynchium) guigliae n.nom.: GIORDANI SOIKA 1934a: 381 (tax.).

Odynerus (Stenodyneroides) guigliae GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).

Odynerus (Rhynchium) guigliae GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

**Odynerus (Rygchium) hyacinthae* GRIBODO: BEQUAERT 1918: 129 (key), 160 (tax., descr. ♂ ♀, figs 169-173, biol., Democratic Republic of Congo).

Odynerus (Rygchium) hyacinthae GRIBODO: GIORDANI SOIKA 1934a: 381 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Rhynchalastor histrionimimus* (BEQUAERT 1918) new combination**

Odynerus (Rygchium) histrionimimus n.sp.: BEQUAERT 1918: 130 (key), 190 (descr. ♂ ♀, figs 214-220, Democratic Republic of Congo), 301 (cat.).

Odynerus (Stenodynerus) histrionimimus BEQUAERT: GIORDANI SOIKA 1934b: 31 (key), 41 (descr. ♂ ♀, Democratic Republic of Congo).

Odynerus (Stenodyneroides) histrionimimus BEQUAERT: GIORDANI SOIKA 1940: 471 (tax.).

Stenodyneroides histrionimimus (BEQUAERT): GIORDANI SOIKA 1989a: 46 (tax., descr. ♂).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Rhynchalastor imitator* (GIORDANI SOIKA 1983) new combination**

Stenodyneroides imitator n.sp.: GIORDANI SOIKA 1983: 126 (descr. ♂ ♀, South Africa).

Stenodyneroides imitator GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

D i s t r i b u t i o n : South Africa.

***Rhynchalastor indotatus* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *indotatus* n.sp.: GIORDANI SOIKA 1934b: 30 (key), 45 (descr. ♂ ♀, Mozambique), 46 (figs 5.1-7).

Odynerus (*Stenodyneroides*) *indotatus* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax., South Africa, Zimbabwe).

Odynerus indotatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Mozambique).

Stenodyneroides indotatus (GIORDANI SOIKA): GIORDANI SOIKA 1989a: 47 (tax.).

Stenodyneroides indotatus (GIORDANI SOIKA): BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : Mozambique, South Africa, Zimbabwe.

***Rhynchalastor kolensis* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *kolensis* n.sp.: GIORDANI SOIKA 1934b: 32 (key), 36 (descr. ♂, Mozambique), 38 (figs 4.1, 2).

Odynerus (*Stenodyneroides*) *kolensis* GIORDANI SOIKA: GIORDANI SOIKA 1940: 470 (tax.).

Odynerus kolensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Mozambique).

Stenodyneroides kolensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 82 (tax., cat.).

Stenodyneroides kolensis (GIORDANI SOIKA): GUSENLEITNER 2006: 1339 (Zimbabwe), 1348 (figs 28-30).

D i s t r i b u t i o n : Mozambique, Zimbabwe.

***Rhynchalastor luteatus* (GUSENLEITNER 2006) new combination**

Stenodyneroides luteatus nov.sp.: GUSENLEITNER 2006: 1339 (descr. ♂, South Africa, Zimbabwe), 1349 (figs 31-34).

D i s t r i b u t i o n : South Africa, Zimbabwe.

***Rhynchalastor lutra* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *lutra* n.sp.: GIORDANI SOIKA 1934b: 31 (key), 41 (descr. ♀, Malawi).

Odynerus (*Stenodyneroides*) *lutra* GIORDANI SOIKA: GIORDANI SOIKA 1940: 470 (tax.).

Odynerus lutra GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Malawi).

Stenodyneroides lutra (GIORDANI SOIKA): GIORDANI SOIKA 1983: 128 (tax.).

Stenodyneroides lutra (GIORDANI SOIKA): BORSATO & RATTI 1999: 83 (cat.).

Stenodyneroides lutra (GIORDANI SOIKA): GUSENLEITNER 2006: 1340 (South Africa), 1349 (figs 35, 36), 1350 (figs 37, 38).

D i s t r i b u t i o n : Malawi, South Africa.

***Rhynchalastor miserrimus* (GIORDANI SOIKA 1934) new combination**

Odynerus (*Stenodynerus*) *miserrimus* n.sp.: GIORDANI SOIKA 1934b: 30 (key), 48 (descr. ♂ ♀, Zimbabwe).

Odynerus (*Stenodyneroides*) *miserrimus* GIORDANI SOIKA: GIORDANI SOIKA 1940: 471 (tax.).

Odynerus miserrimus GIORDANI SOIKA: GIORDANI SOIKA 1973: 10 (tax., Zimbabwe).

Stenodyneroides miserrimus (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (tax., cat.).

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

***Rhynchalastor occidentalis* (GIORDANI SOIKA 1989) new combination**

Stenodyneroides occidentalis n.sp.: GIORDANI SOIKA 1989a: 46 (descr. ♂, Nigeria).

Stenodyneroides occidentalis GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

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

***Rhynchalastor politicypeus* (von SCHULTHESS 1914) new combination**

Odynerus (Lionotus) politicypeus n.sp.: von SCHULTHESS 1914: 73 (descr. ♀, fig., Democratic Republic of Congo).

Odynerus (Stenodynerus) politicypeus von SCHULTHESS: MEADE-WALDO 1915: 488 (cat.), 498 (key), (tax., descr. ♀, Malawi), pl. 91 (fig. 14).

Odynerus (Rygchium) politicypeus von SCHULTHESS: BEQUAERT 1918: 130 (key), 308 (tax., cat.).

Odynerus (Stenodynerus) politicypeus von SCHULTHESS: GIORDANI SOIKA 1934b: 29 (key), 61 (tax., descr. ♂, Botswana, Democratic Republic of Congo, Malawi, Zambia).

Odynerus (Stenodyneroides) politicypeus von SCHULTHESS: GIORDANI SOIKA 1940: 470 (tax.).

Odynerus politicypeus von SCHULTHESS: GIORDANI SOIKA 1973: 11 (tax., Zambia).

Stenodyneroides politicypeus (von SCHULTHESS): GUSENLEITNER 2006: 1340 (tax., Mozambique, Zambia, Zimbabwe), 1350 (figs 39-42).

D i s t r i b u t i o n : Botswana, Democratic Republic of Congo, Malawi, Mozambique, Zambia, Zimbabwe.

***Rhynchalastor rhizophorarum* (BEQUAERT 1918) new combination**

Odynerus (Rygchium) rhizophorarum n.sp.: BEQUAERT 1918: 130 (key), 192 (descr. ♀ = ♂, Democratic Republic of Congo), 193 (figs 221-225), 309 (cat.).

Odynerus (Stenodynerus) rhizophorarum BEQUAERT: GIORDANI SOIKA 1934b: 32 (key), 39 (tax., Democratic Republic of Congo).

Odynerus (Stenodyneroides) rhizophorarum BEQUAERT: GIORDANI SOIKA 1940: 470 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Rhynchalastor sorex sorex* (GUSENLEITNER 2006) new combination**

Stenodyneroides sorex sorex nov.sp.: GUSENLEITNER 2006: 1340 (descr. ♂ ♀, Mozambique, Tanzania (Mafia, Pemba), Zambia, Zimbabwe), 1351 (figs 43-46).

D i s t r i b u t i o n : Mozambique, Tanzania (Mafia, Pemba), Zambia, Zimbabwe.

***Rhynchalastor sorex luteofasciatus* (GUSENLEITNER 2006) new combination**

Stenodyneroides sorex luteofasciatus nov.ssp.: GUSENLEITNER 2006: 1342 (descr. ♂ ♀, Kenya).

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

***Rhynchalastor xanthosoma* (SCHLETTERER 1891)**

Odynerus (Ancistrocerus) xanthosoma n.sp.: SCHLETTERER 1891: 24 (descr. ♂, Democratic Republic of Congo), pl. 1 (fig. 10).

Odynerus xanthosoma SCHLETTERER: de DALLA TORRE 1894: 105 (cat.).

Odynerus (Ancistrocerus) xanthosoma SCHLETTERER: von DALLA TORRE 1904: 57 (cat.).

Rhynchalastor xanthosoma (SCHLETTERER): MEADE-WALDO 1915: 501 (tax., Democratic Republic of Congo).

Rhynchalastor xanthosoma (SCHLETTERER): BEQUAERT 1918: 229 (tax.), 328 (cat.).

Odynerus (Rhynchalastor) xanthosoma (SCHLETTERER): GIORDANI SOIKA 1944: 170 (tax.).

Rhynchalastor xanthosoma (SCHLETTERER): GIORDANI SOIKA 1952: 79 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — *Annals and Magazine of Natural History*, 10. series, **2** (7): 138-176.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera)*. — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- FABRICIUS J.C. (1787): *Mantissa Insectorum. I*. — Kiel (C.G. PROFT): 348 pp.
- FABRICIUS J.C. (1793): *Entomologia Systematica emendata et aucta. 2*. — Kiel (C.G. PROFT): 519 pp.
- FABRICIUS J.C. (1804): *Systema Piezatorum*. — Braunschweig (K. REICHARD): III-XIV, 440 pp., 1-30.
- GIORDANI SOIKA A. (1934a): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — *Annali del Museo Civico di Storia Naturale di Genova* **56**: 367-381.
- GIORDANI SOIKA A. (1934b): Monografia degli *Odynerus* etiopici. Parte prima. — *Annali del Museo Civico di Storia Naturale di Genova* **57**: 23-83.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — *Memórias e Estudos do Museu Zoológico da Universidade Coimbra, série I*, **82**: 18 pp.
- GIORDANI SOIKA A. (1940): Monografia degli *Odynerus* etiopici. Supplemento primo (Hymen. Vespidae). — *Annali del Museo Civico di Storia Naturale di Genova* **60**: 469-484.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — *Atti dell'Istituto Veneto di Scienze, Lettere et Arti*, **103** (2): 149-178.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **33**: 97-151.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GMELIN F. (1790): *Caroli a LINNÉ systema naturae* 1 (5): 2225-3019.
- GRIBODO G. (1892): Contribuzioni imenotterologiche sopra alcune specie nuove o poco conosciute di imenotteri diplopteri nota IV. — *Bollettino della Società Entomologica Italiana* **23**: 242-300.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.

- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2006): Die Arten der Gattung *Stenodyneroides* in der Sammlung des Biologiezentrums des Oberösterreichischen Landesmuseums in Linz. — Linzer biologische Beiträge **38** (2): 1333-1351.
- KOHL F.F. (1894): Zur Hymenopterenfauna Afrikas. — Annalen des k.k. Naturhistorischen Hofmuseums in Wien **9** (3): 279-350.
- MEADE-WALDO G. (1910): New Species of Diploptera in the Collection of the British Museum. Part II. — Annals and Magazine of Natural History, 8. series, **6** (31): 100-110.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diploptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **8** (46): 444-457.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- MEDLER J T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- OLIVIER G.A. (1791-92): Encyclopedie methodique histoire naturelle. Insectes 6.— Paris (PANCKOUCKE): 704 pp.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Eumèniens. – Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SCHLETTNER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — Annales de la Société Entomologique de Belgique **35**: 1-36.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS A. von (1914): Beitrag zur Kenntnis aethiopischer Eumeniden. — Societas Entomologia **29** (13): 57-58; (14): 62-64; (16): 72-74; (17): 77-79.
- SCHULTHESS A. v. (1928): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SCHULZ W.A. (1912): Aelteste und alte Hymenopteren skandinavischer Autoren. — Berliner Entomologische Zeitschrift **57** (1-2): 52-102.

Genus *Rhynchium* SPINOLA 1806

Description: SPINOLA 1806: 84.

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

Distribution: Australian, Ethiopian, Oriental and Palearctic Region.

Valid species: 3.

Known subspecies: 5.

Rhynchium cyanopterum cyanopterum de SAUSSURE 1852

Rhynchium cyanopterum n.sp.: de SAUSSURE 1852: 102 (key), 108 (descr. ♂ ♀, Senegal).

Rhynchium cyanopterum de SAUSSURE: SMITH 1857: 47 (cat.).

Rhynchium cyanopterum de SAUSSURE: de SAUSSURE 1862: 189 (tax.).

Rhynchium cyanopterum de SAUSSURE: WALKER 1871: 31 (Eritrea, Sudan).

Rygchium cyanopterum de SAUSSURE: MAGRETTI 1884: 613 (tax., Eritrea, Sudan).

Rhynchium cyanopterum de SAUSSURE: MAGRETTI 1885: 280 (Sudan), 324 (Eritrea), 353 (cat.).

Rhynchium cyanopterum de SAUSSURE: de DALLA TORRE 1894: 43 (cat.).

- Rhynchium cyanopterum* de SAUSSURE: MAGRETTI 1899: 594 (tax., Somalia).
Rhynchium cyanopterum de SAUSSURE: BINGHAM 1902: 221 (Malawi, South Africa).
Rhynchium cyanopterum de SAUSSURE: BINGHAM 1903: 67 (South Africa without data).
Rhynchium cyanopterum de SAUSSURE: von DALLA TORRE 1904: 33 (cat.).
Rhynchium cyanopterum de SAUSSURE: du BUYSSON 1908: 135 (Niger).
Rhynchium cyanopterum de SAUSSURE: LONGSTAFF 1911: 125 (Sudan).
Rhynchium cyanopterum de SAUSSURE: LONGSTAFF 1912: 411 (Sudan).
Odynerus (Rhynchium) cyanopterum cyanopterum (de SAUSSURE): BEQUAERT 1918: 129 (key), 146 (tax.), 296 (cat.).
Rhynchium cyanopterum cyanopterum de SAUSSURE: von SCHULTHESS RECHBERG 1922a: 31 (key), 34 (cat.), 44 (tax).
Rhynchium marginellum ssp. *cyanoptera* de SAUSSURE: von SCHULTHESS 1922b: 401 (Botswana).
Rhynchium haemorrhoidale cyanopterum de SAUSSURE: von SCHULTHESS 1922c: 96 (Sudan).
Rhynchium marginellum var. *cyanopterum* de SAUSSURE: von SCHULTHESS 1923: 136 (Namibia).
Rhynchium cyanopterum de SAUSSURE: GUIGLIA 1932: 122 (Eritrea).
Odynerus (Rhynchium) cyanopterus (de SAUSSURE): GIORDANI SOIKA 1935a: 190 (tax., figs 18, 19 Nigeria, Senegal).
Odynerus (Rhynchium) cyanopterus (de SAUSSURE): BERLAND 1950: 300 (Niger).
Rhynchium cyanopterum de SAUSSURE: GIORDANI SOIKA 1974: 121 (Chad).
Rhynchium cyanopterum de SAUSSURE: GIORDANI SOIKA 1979: 244 (Mali, Niger).
Rhynchium cyanopterum de SAUSSURE: MEDLER 1980: 476 (cat., Nigeria).
Rhynchium cyanopterum cyanopterum de SAUSSURE: GIORDANI SOIKA 1989: 52 (Mali, Niger, Nigeria).
Rhynchium cyanopterum de SAUSSURE: GIORDANI SOIKA & KHAN 1991: 99 (key), 100 (key, tax., Eritrea, Nigeria, Senegal), 101 (fig. 6).
Rhynchium cyanopterum de SAUSSURE: GUSENLEITNER 1992: 678 (Mali).
Rhynchium cyanopterum de SAUSSURE: GUSENLEITNER 2006: 660 (Niger).
 **Rhynchium aenigmaticum* nov.spec.: von SCHULTHESS RECHBERG 1922a: 32 (key), 36 (descr. ♂, figs 7, 8, Senegal), 37 (fig. 9), 44 (tax).

Rhynchium aenigmaticum von SCHULTHESS RECHBERG: GIORDANI SOIKA 1987: 195 (syn.).

D i s t r i b u t i o n : Botswana, Chad, Eritrea, Malawi, Mali, Namibia, Niger, Nigeria, Senegal, Somalia, South Africa, Sudan.

Known from the Palearctic Region.

***Rhynchium cyanopterum assabense* GIORDANI SOIKA 1987**

- Rhynchium cyanopterum assabense* n.ssp.: GIORDANI SOIKA 1987: 195 (descr. ♂ ♀, Eritrea).
Rhynchium cyanopterum assabense n.ssp.: GIORDANI SOIKA & KHAN 1991: 100 (key, descr. ♂ ♀, Eritrea), 101 (figs1-5).
Rhynchium cyanopterum assabense GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (tax., cat.).

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

***Rhynchium cyanopterum somaliense* GIORDANI SOIKA 1987**

- Rhynchium cyanopterum somaliense* n.ssp.: GIORDANI SOIKA 1987: 196 (descr. ♀, Somalia).
Rhynchium cyanopterum somaliense GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (cat.).
 **Odynerus (Rhynchium) cyanopterus* (de SAUSSURE): GUIGLIA 1940b: 288 (Somalia).

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

***Rhynchium marginellum marginellum* (FABRICIUS 1793)**

- Vespa marginella* n.sp.: FABRICIUS 1793: 263 (descr., tropical Africa).
Vespa marginella FABRICIUS: FABRICIUS 1804: 259 (tax., tropical Africa).
Vespa marginella FABRICIUS: de SAUSSURE 1852: 106 (syn. of *Rhynchium oculatum*).

- Rhynchium marginale* (sic) (FABRICIUS): MAINDRON 1882: 174 (foot note: biol., Senegal), 186 (biol.).
Rhynchium marginellum (FABRICIUS): du BUYSSON 1910: 228 (Mauritania).
Rhynchium marginellum (FABRICIUS): ROUBAUD 1916: 3, 32 (biol., Benin).
Odynerus (*Rygchium*) *marginellus* (FABRICIUS): BEQUAERT 1918: 129 (key), 143 (tax., descr. ♂ ♀, figs 134, 135, Democratic Republic of Congo), 304 (cat.).
Odynerus (*Rhynchium*) *marginellus* (FABRICIUS): SCHOUTEDEN 1919: 178 (Democratic Republic of Congo).
Rhynchium marginellum (FABRICIUS): von SCHULTHESS RECHBERG 1922a: 31 (key), 33 (tax., descr. ♂), 34 (figs 1-3), 44 (tax.).
Rhynchium marginellum (FABRICIUS): GUIGLIA 1932: 122 (Eritrea).
Odynerus (*Rhynchium*) *marginellus* (FABRICIUS): GUIGLIA 1939: 86 (tax., Ethiopia).
Rhynchium marginellum (FABRICIUS): GIORDANI SOIKA 1952: 82 (tax., Ethiopia).
Rhynchium marginellus (FABRICIUS): MACNULTY 1962: 120 (biol., Nigeria).
Rhynchium marginellum marginellum (FABRICIUS): BONELLI 1975: 33 (biol., Ethiopia), 34 (fig. 1), 35 (fig. 2), 37 (fig. 3), 38 (fig. 4).
Rhynchium marginellum (FABRICIUS): MEDLER 1980: 476 (cat., Nigeria).
Rhynchium marginellum marginellum (FABRICIUS): GIORDANI SOIKA 1989: 52 (tax., Burkina Faso, Cameroon, Gabon, Senegal), 66 (figs 10, 11).
Rhynchium marginellum marginellum (FABRICIUS): GUSENLEITNER 1992: 678 (Ivory Coast, Mali).
Rhynchium marginellum marginellum (FABRICIUS): GUSENLEITNER 1999: 366 (Ivory Coast).
Rhynchium marginellum (FABRICIUS): GUSENLEITNER 2002: 1118 (tax., Uganda).
Rhynchium marginellum marginellum (FABRICIUS): GUSENLEITNER 2003: 171 (Kenya).
Rhynchium marginellum marginellum (FABRICIUS): GUSENLEITNER 2005: 411 (Burkina Faso).
Rhynchium marginellum marginellum (FABRICIUS): GUSENLEITNER 2006: 660 (Niger).
**Rhynchium laterale* (FABRICIUS): de SAUSSURE 1855: 171 (sen. syn.).
Rhynchium laterale (FABRICIUS): SMITH 1857: 46 (cat. partim).
Rhynchium laterale (FABRICIUS): von DALLA TORRE 1904: 34 (cat. partim).
**Vespa africana* n.sp.: FABRICIUS 1804: 257 (descr., Guinea).
Rygchium africanum (FABRICIUS): GUÉRIN MENNEVILLE 1848: 363 (Ethiopia).
Rygchium africanum (FABRICIUS): de SAUSSURE 1852: 102 (key), 108 (descr. ♀, Gabon), pl. 14 (figs 3, 3a).
Rygchium africanum (FABRICIUS): FAIRMAIRE 1858: 265 (Gabon), pl. 10 (fig. 4).
Rhynchium africanum (FABRICIUS): de SAUSSURE 1862: 189 (tax.).
Rhynchium africanum (FABRICIUS): SCHLETTERER 1891: 24 (Democratic Republic of Congo), pl. 1 (fig. 7).
Rhynchium africanum (FABRICIUS): MEADE-WALDO 1915: 513 (tax.).
Vespa africana FABRICIUS: BEQUAERT 1918: 304 (syn.).

D i s t r i b u t i o n : Benin, Burkina Faso, Cameroon, Democratic Republic of Congo, Eritrea, Ethiopia, Gabon, Ivory Coast, Kenya, Mali, Mauritania, Niger, Nigeria, Senegal, Uganda.

***Rhynchium marginellum congicum* (BEQUAERT 1918)**

- Odynerus* (*Rygchium*) *cyanopterus congicus* n.var.: BEQUAERT 1918: 145, 146 (descr. ♀, Democratic Republic of Congo), 296 (cat.).
Rhynchium cyanopterus congicum (BEQUAERT): von SCHULTHESS RECHBERG 1922a: 31 (key), 34 (cat.).
Odynerus (*Rhynchium*) *marginellus* var. *congicus* BEQUAERT: GIORDANI SOIKA 1935a: 192 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Rhynchium marginellum sabulosum* de SAUSSURE 1855**

- Rhynchium sabulosum* n.sp.: de SAUSSURE 1855: 179 (descr., Senegal).
Rhynchium sabulosum de SAUSSURE: SMITH 1857: 47 (cat.).
Rhynchium sabulosum de SAUSSURE: de SAUSSURE 1862: 189 (tax.).
Rhynchium sabulosum de SAUSSURE: de DALLA TORRE 1894: 48 (cat.).
Rhynchium sabulosum de SAUSSURE: von DALLA TORRE 1904: 35 (cat.).
Odynerus (Rygchium) cyanopterus var. *sabulosus* (de SAUSSURE): BEQUAERT 1918: 146 (tax., Mozambique), 296 (cat.).
Rhynchium cyanopterus var. *sabulosum* de SAUSSURE: von SCHULTHESS RECHBERG 1922a: 31 (key), 34 (tax., cat.).
Odynerus (Rhynchium) marginellus var. *sabulosus* (de SAUSSURE): GIORDANI SOIKA 1935a: 191 (tax.).
Odynerus (Rhynchium) cyanopterus var. *sabulosus* (de SAUSSURE): GIORDANI SOIKA 1935b: 10 (tax.).
Odynerus (Rhynchium) marginellus var. *sabulosus* (de SAUSSURE): GUIGLIA 1940a: 277 (Malawi).
Rhynchium marginellum sabulosum de SAUSSURE: BONELLI 1973: 105 (tax., biol., Ethiopia), pl. 7 (fig. 1).
Rhynchium marginellum var. *sabulosum* de SAUSSURE: GESS 1981: 25 (biol., South Africa).
Rhynchium marginellum sabulosum de SAUSSURE: GIORDANI SOIKA 1989: 53 (tax.), 67 (fig. 12).
Rhynchium marginellum sabulosum de SAUSSURE: GESS & GESS 1991: 256 (biol., South Africa), 257 (table 2: biol.), 259 (figs 5a-d).
Rhynchium marginellum sabulosum de SAUSSURE: GESS & GESS 2003: 86 (biol., South Africa), 409 (biol., South Africa).
Rhynchium marginellum sabulosum de SAUSSURE: GUSENLEITNER 2004: 147 (Tanzania).
 **Rhynchium cyanopterus mossambicum* n.var.: GRIBODO 1895: 98 (descr. ♂ ♀, Mozambique).
Rhynchium cyanopterus var. *mossambicum* GRIBODO: BEQUAERT 1918: 146 (syn.).
Rhynchium cyanopterus v. *mossambicum* GRIBODO: von SCHULTHESS RECHBERG 1922a: 31 (key), 34 (tax., cat.).
Rhynchium cyanopterus mossambicum GRIBODO: GUIGLIA 1932: 122 (Ethiopia, Somalia).
Rhynchium cyanopterus mossambicum GRIBODO: GIORDANI SOIKA 1935a: 191 (syn.).
 **Rhynchium multispinosum* n.sp.: de SAUSSURE 1855: 177 (descr. ♀, South Africa).
Rhynchium multispinosum de SAUSSURE: SMITH 1857: 47 (cat.).
Rhynchium multispinosum de SAUSSURE: de SAUSSURE 1862: 189 (tax.).
Rhynchium multispinosum de SAUSSURE: de DALLA TORRE 1894: 47 (cat.).
Rhynchium multispinosum de SAUSSURE: von DALLA TORRE 1904: 34 (cat.).
Odynerus (Rygchium) multispinosus (de SAUSSURE): BEQUAERT 1918: 145 (tax.), 306 (cat.).
Odynerus (Rhynchium) multispinosus (de SAUSSURE): SCHOUTEDEN 1919: 178 (tax., Democratic Republic of Congo).
Rhynchium multispinosum de SAUSSURE: GIORDANI SOIKA 1935a: 192 (syn.).
 Rhynchium neavei* nov.spec.: von SCHULTHESS RECHBERG 1922a: 32 (key), 37 (descr. ♂ ♀, figs 4-6, Zambia), 44 (tax). **new synonym
 **Rhynchium transvaalense* n.sp.: CAMERON 1910: 162 (descr. ♀, South Africa), 163 (key).
Rhynchium transvaalense CAMERON: BEQUAERT 1918: 146 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Malawi, Mozambique, Senegal, Somalia, South Africa, Tanzania, Zambia.

***Rhynchium marginellum somalicum* MAGRETTI 1899**

- Rhynchium oculatum somalicum* n.var.: MAGRETTI 1899: 594 (descr. ♂, Ethiopia).
Rhynchium oculatum var. *somalicum* MAGRETTI: von DALLA TORRE 1904: 34 (cat.).
Odynerus (Rygchium) oculatum var. *somalicus* (MAGRETTI): BEQUAERT 1918: 145 (tax.), 307 (tax., cat.).

Rhynchium oculatum var. *somalicum* MAGRETTI: von SCHULTHESS RECHBERG 1922a: 33 (tax., cat.).

Odynerus (Rhynchium) marginellus somalicus (MAGRETTI): GIORDANI SOIKA 1935a: 191 (tax.).

Rhynchium marginellum var. *somalicum* (MAGRETTI): GIORDANI SOIKA 1952: 82 (Ethiopia).

Rhynchium oculatum var. *somalicum* MAGRETTI: GIORDANI SOIKA & KHAN 1991: 104.

Distribution: Ethiopia.

***Rhynchium nigrosericeum* GIORDANI SOIKA 1989**

Rhynchium nigrosericeum n.sp.: GIORDANI SOIKA 1989: 52 (descr. ♂ ♀, Cameroon), 67 (fig. 13).

Rhynchium nigrosericeum GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

Distribution: Cameroon.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BERLAND L. (1950): Contribution a l'étude de l'Air (Mission L. CHOPARD et A. VILLIERS): Hyménoptères Sphecoidea, Vespoidea, Ichneumonidea. — Mémoires de l'Institut Français d'Afrique Noire **10** (Contribution a l'étude de l'Air): 294-301.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, **10** (57): 207-222.
- BINGHAM C.T. (1903): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, **12** (67): 46-69.
- BONELLI B. (1973): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia II. — Atti della Accademia Roveretana degli Agiati, Contributi delle Classi di Scienze Fisiche, Matematiche e Naturali, 220-223, Serie VI, 10-13 (f. B): 105-110.
- BONELLI B. (1975): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia. VIII. *Rhynchium marginellum* (F.) — *Delta fenestrata* (SAUSS.) — *Delta emarginatum* (L.) — *Delta bonellii* G.S. — *Ropalidia cincta* LEP. — *Polistes africanus* PAL. — Bollettino dell'Istituto Entomologia della Università degli Studi di Bologna **33**: 33-53.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- BUYSSON R. du (1908): Voyage de M. René CHUDEAU du Sud-Algérien au Chad (1905-1906) (Hym.). — Bulletin de la Société Entomologique de France **1908** (8): 131-135.
- BUYSSON R. du (1910): Hyménoptères de la Mauretanie. Hyménoptères I. — Actes de la Société Linnéenne de Bordeaux **64**: 227-232.
- CAMERON P. (1910): Vespidae. — In: SJÖSTEDT Y. (ed.), Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaissteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicum et synonymicum 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- FABRICIUS J.C. (1793): Entomologia Systematica emendata et aucta. 2. — Kiel (C.G. PROFT): 519 pp.

- FABRICIUS J.C. (1804): *Systema piezatorum*. — Braunschweig (K. REICHARD): III-XIV, 440 pp., 1-30.
- FAIRMAIRE L. (1858): IV. Ordre Hyménoptères. — In: THOMSON J. (ed.), *Archives Entomologiques* 2 (Voyage au Gabon): 263-267.
- GESS F.W. (1981): Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa. — *Annals of the Cape Provincial Museums (Natural History)* **14** (1): 1-80.
- GESS F.W. & S.K. GESS (1991): Some aspects of the ethology of five species of Eumenidae (Hymenoptera) in southern Africa. — *Annals of the Cape Provincial Museums (Natural History)* **18** (12): 245-270.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1935a): Contributo alla conoscenza degli Eumenini Egiziani (Hymenoptera-Vespidae). — *Bulletin de la Société Entomologique d'Égypte* **19**: 161-199.
- GIORDANI SOIKA A. (1935b): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — *Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I*, **82**: 18 pp.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1974): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. — *Bollettino della Società Entomologica Italiana* **106** (5-7): 119-121.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GIORDANI SOIKA A. & R. KHAN (1991): I *Rhynchium* del Medio Oriente e territori limitrofi (Hymenoptera, Vespidae). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **40**: 99-106.
- GRIBODO G. (1895): Seconda contribuzione alla conoscenza della fauna Imenotterologica del Mozambico. — *Memorie della R.Accademia delle Scienze dell'Istituto di Bologna, serie 5*, **5**: 77-120.
- GUÉRIN-MENNEVILLE (1848): *Insectes*. — In: MINISTRE DE LA MARINE (ed.): *Voyage en Abyssinie exécutée pendant les années 1839, 1840, 1841, 1842, 1843 par une commission scientifique composée de MM. Théophile LEFEBVRE, Lieutenant de vaisseau, Chevalier de la Légion d'honneur, A. PETIT et QUARTIN-DILLON, Docteurs-Medecins, Naturalistes du Muséum, VIGNAUD, dessinateur*. 4. Histoire Naturelle. — *Zoologie* **6**: 242-398.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — *Memorie della Società Entomologica Italiana* **10**: 118-136.
- GUIGLIA D. (1939): Missione al Lago Tana diretta de G. DAINELLI (1937) – Hymenoptera Aculeata. — *Memorie della Società Entomologica Italiana* **18**: 80-92.
- GUIGLIA D. (1940a): Imenotteri aculeati (Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae, Apidae) raccolti in Africa Orientale dal Prof. G. RUSSO. — *Bollettino del Laboratorio di Zoologia Generale e Agraria della Facoltà Agraria in Portici* **31**: 274-292.

- GUIGLIA D. (1940b): Di alcune specie d'Imenotteri aculeati dell'Africa Orientale Italiana delle collezioni del Museo Civico di Storia Naturale di Trieste (Scoliidae, Vespidae, Pompilidae, Sphecidae, Apidae). — Atti del Museo Civico di Storia Naturale di Trieste **14** (19): 287-298.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 2 (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (2): 1101-1121.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- LONGSTAFF G.B. (1911): Three weeks in Sudan. — Entomologist's Monthly Magazine, 2. series, **22** (May/June): 119-127; (August/September): 194-202.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN'S, GREEN & Co): VII-XX, 729 pp, 16 pls.
- MACNULTY B.J. (1962): Field observations on some West African Hymenoptera. — Proceedings & Transactions of the South London Entomological & Natural History Society **1961**: 118-133, pl. 7.
- MAGRETTI P. (1884): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MAGRETTI P. (1899): Imenotteri dell'ultima spedizione del Capitano BOTTEGO. — Annali del Museo di Storia Naturale di Genova, Serie 2, **19**: 583-612.
- MAINDRON M. (1882): Histoire des Guêpes solitaires (Euméniens) de l'Archipel Indien et de la Nouvelle-Guinée 2^e Partie. Considérations générales. – Nidification. Mœurs. – Etc. — Annales de la Société Entomologique de France, 6^e série, 2, 2: 169-188, pl. 4.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- ROUBAUD E. (1916): Recherches biologiques sur les guêpes solitaires et sociales d'Afrique. — Annales Sciences Naturelles, Zoologie, 10. série, **1**: 1-160.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Euméniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SAUSSURE H. de (1862): Sur divers Vespides Asiatiques et Africains du Musée de Leyden. — Entomologische Zeitung **23** (1-3): 129-141; (4-6): 177-207.

- SCHLETTERER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — Annales de la Société Entomologique de Belgique **35**: 1-36.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS RECHBERG A. VON (1922a): Zur Kenntnis äthiopischer Vespiden (Hym.). II. *Rhynchium cyanopterum* et similia. — Vierteljahresschrift der Naturforschenden Gesellschaft in Zürich **67**: 30-44.
- SCHULTHESS A. VON (1922b): Vespiden aus Südafrika (Hym.), gesammelt von Professor Dr. Leonhard SCHULTZE, Jena. — Deutsche Entomologische Zeitschrift **1922**: 399-405.
- SCHULTHESS A. von (1922c): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse, **98**: 95-99.
- SCHULTHESS A. v. (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- WALKER F. (1871): List of Hymenoptera collected by J.K. LORD, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. JANSON): 59 pp.

Genus *Stellepipona* GIORDANI SOIKA 1973

Description: GIORDANI SOIKA 1973: 106.

Typus generis: *Odynerus stellenboschensis* CAMERON 1905 (*Odynerus aequinoxialis* de SAUSSURE 1856).

Distribution: Ethiopian Region.

Valid species: 7.

Known subspecies: 1.

***Stellepipona aequinoxialis aequinoxialis* (de SAUSSURE 1856)**

Odynerus (Odynerus) aequinoxialis n.sp.: de SAUSSURE 1856: 300 (descr. ♀, Africa).

Odynerus aequinoxialis de SAUSSURE: de DALLA TORRE 1894: 50 (cat.).

Odynerus aequinoxialis de SAUSSURE: von DALLA TORRE 1904: 39 (cat.).

Odynerus (Lionotus) aequinoxialis de SAUSSURE: MEADE-WALDO 1915: 488 (tax., Africa, cat.), 497 (key).

Odynerus (Rhygchium) aequinoxialis de SAUSSURE: BEQUAERT 1918: 292 (tax., cat.).

Stellepipona aequinoxialis (de SAUSSURE): van der VECHT & CARPENTER 1990: 54 (tax.).

**Odynerus stellenboschensis* sp.nov.: CAMERON 1905: 233 (descr. ♂, South Africa).

Odynerus (Lionotus) stellaboschensis (sic) CAMERON: MEADE-WALDO 1915: 488 (tax., South Africa, cat.), 496 (key).

Odynerus (Rygchium) stellenboschensis CAMERON: BEQUAERT 1918: 312 (cat.).

Odynerus stellaboschensis (sic) CAMERON: GIORDANI SOIKA 1944: 172 (syn.).

Stellepipona stellenboschensis (CAMERON): GIORDANI SOIKA 1973: 106 (tax., typ. gen.).

Stellepipona stellenboschensis (CAMERON): GIORDANI SOIKA 1987: 130 (key, tax., descr. ♂ ♀, Lesotho, South Africa, Zimbabwe), 131 (fig. 1), 132 (figs 2-5), 135 (figs 8, 9).

Odynerus stellenboschensis CAMERON: van der VECHT & CARPENTER 1990: 54 (syn.).

D i s t r i b u t i o n : Lesotho, South Africa, Zimbabwe.

***Stellepipona aequinoxialis nigricolor* GIORDANI SOIKA 1989**

Stellepipona stellenboschensis nigricolor n.sp.: GIORDANI SOIKA 1989: 51 (descr. ♀, Zimbabwe).
Stellepipona stellenboschensis nigricolor GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

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

***Stellepipona brevicornis* GIORDANI SOIKA 1987**

Stellepipona brevicornis n.sp.: GIORDANI SOIKA 1987: 130 (key), 134 (descr. ♂ ♀, Lesotho, South Africa, Zimbabwe), 135 (fig. 10), 136 (figs 13-15).

Stellepipona brevicornis GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

D i s t r i b u t i o n : Lesotho, South Africa, Zimbabwe.

***Stellepipona guillarmodi* GIORDANI SOIKA 1973**

Stellepipona guillarmodi n.sp.: GIORDANI SOIKA 1973: 107 (descr. ♂ ♀, South Africa).

Stellepipona guillarmodi GIORDANI SOIKA: GIORDANI SOIKA 1987: 130 (key), 135 (figs 11, 12), 141 (fig. 25), 142 (tax., figs 26-29).

Stellepipona guillarmodi GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

**Stellepipona empeyi* n.sp.: GIORDANI SOIKA 1973: 108 (descr. ♀, South Africa).

Stellepipona empeyi GIORDANI SOIKA: GIORDANI SOIKA 1987: 142 (syn).

Stellepipona empeyi GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

D i s t r i b u t i o n : South Africa.

***Stellepipona invida* GIORDANI SOIKA 1987**

Stellepipona invida n.sp.: GIORDANI SOIKA 1987: 130 (key), 138 (descr. ♂, figs 18-20, South Africa).

Stellepipona invida GIORDANI SOIKA: GIORDANI SOIKA 1989: 50 (tax., descr. ♀, South Africa).

Stellepipona invida GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : South Africa.

***Stellepipona lamellata* GIORDANI SOIKA 1987**

Stellepipona lamellata n.sp.: GIORDANI SOIKA 1987: 129 (key), 133 (descr. ♂, figs 6, 7, South Africa).

Stellepipona lamellata GIORDANI SOIKA: BORSATO & RATTI 1999: 82 (cat.).

D i s t r i b u t i o n : South Africa.

***Stellepipona ochraceotincta* GIORDANI SOIKA 1987**

Stellepipona ochraceotincta n.sp.: GIORDANI SOIKA 1987: 129 (key), 137 (descr. ♂ ♀, figs 16, 17, South Africa).

Stellepipona ochraceotincta GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

D i s t r i b u t i o n : South Africa.

***Stellepipona pilosissima* GIORDANI SOIKA 1987**

Stellepipona pilosissima n.sp.: GIORDANI SOIKA 1987: 130 (key), 139 (descr. ♂ ♀, South Africa), 140 (figs 21-24).

Stellepipona pilosissima GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

D i s t r i b u t i o n : South Africa.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- CAMERON P. (1905): On some new Genera and Species of Hymenoptera from Cape Colony and Transvaal. — *Transactions of the South African Philosophical Society* **15**: 195-257.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — *Atti dell'Istituto Veneto di Scienze, Lettere et Arti*, **103** (2): 149-178.
- GIORDANI SOIKA A. (1973): Notulae vespilogicae XXXV. Descrizione di nuovi Eumenidi. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 97-131.
- GIORDANI SOIKA A. (1987): Revisione del genere *Stellepipona* G.S. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **37**: 129-143.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- SAUSSURE H. de (1854-1856): *Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens*. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- VECHT J. van der & J.M. CARPENTER (1990): A catalogue of the genera of the Vespidae (Hymenoptera). — *Zoologische Verhandelingen* **260**: 62 pp.

Genus *Stroudia* GRIBODO 1892

Description: GRIBODO 1892: 262.
 Typus generis: *Stroudia armata* GRIBODO 1892.
 Distribution: Ethiopian Region.
 Valid species: 56.
 Known subspecies: 3.

***Stroudia abnormis* GUSENLEITNER 2001**

Stroudia abnormis nov.spec.: GUSENLEITNER 2001: 244 (descr. ♀, Kenya), 255 (figs 1-3).
 Distribution: Kenya.

***Stroudia aestimabilis* GIORDANI SOIKA 1989**

Stroudia aestimabilis n.sp.: GIORDANI SOIKA 1989: 28 (descr. ♂ ♀, Namibia).
Stroudia aestimabilis GIORDANI SOIKA: BORSATO & RATTI 1999: 65 (cat.).
Stroudia aestimabilis GIORDANI SOIKA: GUSENLEITNER 2002: 1105 (tax., South Africa).
 Distribution: Namibia, South Africa.

***Stroudia albofasciata* GUSENLEITNER 2002**

Stroudia albofasciata nova spec.: GUSENLEITNER 2002: 1101 (descr. ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia anarchica* GIORDANI SOIKA 1977**

Stroudia anarchica n.sp.: GIORDANI SOIKA 1977: 117 (key), 128 (descr. ♀, fig. 7, South Africa).

Stroudia anarchica GIORDANI SOIKA: BORSATO & RATTI 1999: 66 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia anomaliventris* GIORDANI SOIKA 1987**

Stroudia anomaliventris n.sp.: GIORDANI SOIKA 1987: 145 (descr. ♂, Namibia), 146 (fig. 27), 147 (key).

Stroudia anomaliventris GIORDANI SOIKA: BORSATO & RATTI 1999: 66 (cat.).

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

***Stroudia areata* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) areatus n.sp.: GIORDANI SOIKA 1940a: 273 (descr. ♀, South Africa), 274 (figs 3.1-3).

Leptomenes areatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).

Stroudia areata (GIORDANI SOIKA): GIORDANI SOIKA 1977: 117 (key), 129 (tax., figs 8, 9).

Stroudia areata (GIORDANI SOIKA): BORSATO & RATTI 1999: 67 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia areatoides* GUSENLEITNER 2002**

Stroudia areatoides nova spec.: GUSENLEITNER 2002: 1103 (descr. ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia armata* GRIBODO 1892**

Stroudia armata n.sp.: GRIBODO 1892: 264 (typ. gen., descr. ♀, South Africa).

Stroudia armata GRIBODO: de DALLA TORRE 1894: 14 (cat.).

Stroudia armata GRIBODO: ASHMEAD 1902: 206 (key).

Stroudia armata GRIBODO: von DALLA TORRE 1904: 18 (cat.).

Stroudia armata GRIBODO: KOHL 1906: 249 (tax.).

Stroudia armata GRIBODO: GIORDANI SOIKA 1977: 116 (key), 121 (descr. ♂, Lesotho, South Africa), 122 (fig. 4).

**Labus armatus* (GRIBODO): KOHL 1906: 249 (tax.).

Labus armatus (GRIBODO): BEQUAERT 1918: 273 (cat.).

D i s t r i b u t i o n : Lesotho, South Africa.

***Stroudia basipunctata* GIORDANI SOIKA 1977**

Stroudia basipunctata n.sp.: GIORDANI SOIKA 1977: 121 (key), 143 (descr. ♂, fig. 18, Namibia).

Stroudia basipunctata GIORDANI SOIKA: BORSATO & RATTI 1999: 69 (cat.).

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

***Stroudia bellicosa* GIORDANI SOIKA 1992**

Stroudia bellicosa n.sp.: GIORDANI SOIKA 1992: 48 (descr. ♂, South Africa).

Stroudia bellicosa GIORDANI SOIKA: BORSATO & RATTI 1999: 69 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia bidentella bidentella* GIORDANI SOIKA 1977**

Stroudia bidentella bidentella n.sp.: GIORDANI SOIKA 1977: 117 (key), 122 (descr. ♀, South Africa).

Stroudia bidentella bidentella GIORDANI SOIKA: BORSATO & RATTI 1999: 69 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia bidentella floralis* GIORDANI SOIKA 1977**

Stroudia bidentella floralis n.ssp.: GIORDANI SOIKA 1977: 123 (descr. ♀, South Africa).

Stroudia bidentella floralis GIORDANI SOIKA: BORSATO & RATTI 1999: 69 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia brevior* (GIORDANI SOIKA 1943)**

Leptomenes (Eumenidiopsis) brevior n.sp.: GIORDANI SOIKA 1943: 33 (descr. ♀, Zimbabwe).

Leptomenes brevior GIORDANI SOIKA: GIORDANI SOIKA 1973: 35 (tax., Zimbabwe).

Stroudia brevior (GIORDANI SOIKA): GIORDANI SOIKA 1977: 121 (key), 141 (tax., Zimbabwe).

Stroudia brevior (GIORDANI SOIKA): GIORDANI SOIKA 1987: 147 (key).

Stroudia brevior (GIORDANI SOIKA): BORSATO & RATTI 1999: 70 (cat.).

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

***Stroudia corallina* GIORDANI SOIKA 1989**

Stroudia corallina n.sp.: GIORDANI SOIKA 1989: 29 (descr. ♂ ♀, Namibia).

Stroudia corallina GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (cat.).

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

***Stroudia despecta* GUSENLEITNER 2002**

Stroudia despecta nova spec.: GUSENLEITNER 2002: 1105 (descr. ♂ ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia difficilis* GIORDANI SOIKA 1977**

Stroudia difficilis n.sp.: GIORDANI SOIKA 1977: 119 (key), 133 (descr. ♂ ♀, figs 14, 15, South Africa, Zimbabwe).

Stroudia difficilis GIORDANI SOIKA: BORSATO & RATTI 1999: 74 (cat.).

D i s t r i b u t i o n : South Africa, Zimbabwe.

***Stroudia emarginata* GIORDANI SOIKA 1977**

Stroudia emarginata n.sp.: GIORDANI SOIKA 1977: 120 (key), 137 (descr. ♀, South Africa).

Stroudia emarginata GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia emilaevigata* GIORDANI SOIKA 1977**

Stroudia emilaevigata n.sp.: GIORDANI SOIKA 1977: 116 (key), 124 (descr. ♀, South Africa).

Stroudia emilaevigata GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia eumeniformis* (GIORDANI SOIKA 1943)**

Leptomenes (Eumenidiopsis) eumeniformis n.sp.: GIORDANI SOIKA 1943: 34 (descr. ♀, Zimbabwe).

Leptomenes eumeniformis GIORDANI SOIKA: GIORDANI SOIKA 1973: 35 (tax., Zimbabwe).

Stroudia eumeniformis (GIORDANI SOIKA): GIORDANI SOIKA 1977: 118 (key), 138 (tax., Zimbabwe).

Stroudia eumeniformis (GIORDANI SOIKA): BORSATO & RATTI 1999: 75 (cat.).

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

***Stroudia fusiformis* GIORDANI SOIKA 1987**

Stroudia fusiformis n.sp.: GIORDANI SOIKA 1987: 144 (descr. ♂ ♀, fig. 26, Namibia), 148 (key).

Stroudia fusiformis GIORDANI SOIKA: BORSATO & RATTI 1999: 77 (cat.).

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

***Stroudia guillarmodi* GIORDANI SOIKA 1983**

Stroudia guillarmodi n.sp.: GIORDANI SOIKA 1983: 122 (descr. ♀, South Africa).

Stroudia guillarmodi GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia hertae* GUSENLEITNER 2002**

Stroudia hertae nova spec.: GUSENLEITNER 2002: 1107 (descr. ♂ ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia hessei* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) hessei n.sp.: GIORDANI SOIKA 1940a: 276 (descr. ♀, South Africa), 277 (figs 5.1-3).

Leptomenes hessei GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).

Stroudia hessei (GIORDANI SOIKA): GIORDANI SOIKA 1977: 119 (key), 138 (tax., South Africa).

Stroudia hessei (GIORDANI SOIKA): BORSATO & RATTI 1999: 79 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia hirta* GUSENLEITNER 2002**

Stroudia hirta nova spec.: GUSENLEITNER 2002: 1108 (descr. ♂, South Africa).

Stroudia hirta GUSENLEITNER: GUSENLEITNER 2005: 1181 (descr. ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia inaequalis* GIORDANI SOIKA 1987**

Stroudia inaequalis n.sp.: GIORDANI SOIKA 1987: 143 (descr. ♂ ♀, Namibia, South Africa).

Stroudia inaequalis GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (cat.).

D i s t r i b u t i o n : Namibia, South Africa.

***Stroudia incuriosa* GIORDANI SOIKA 1989**

Stroudia incuriosa n.sp.: GIORDANI SOIKA 1989: 30 (descr. ♂ ♀, South Africa).

Stroudia incuriosa GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia insueta* GIORDANI SOIKA 1977**

Stroudia insueta n.sp.: GIORDANI SOIKA 1977: 118 (key), 130 (descr. ♂ ♀, South Africa), 131 (fig. 10).

Stroudia insueta GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia juvenilis* GIORDANI SOIKA 1977**

Stroudia juvenilis n.sp.: GIORDANI SOIKA 1977: 121 (key), 142 (descr. ♂ ♀, Namibia, South Africa).

Stroudia juvenilis GIORDANI SOIKA: GIORDANI SOIKA 1987: 147 (key).

Stroudia juvenilis GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

D i s t r i b u t i o n : Namibia, South Africa.

***Stroudia kaokoveldensis* (GIORDANI SOIKA 1943)**

Leptomenes (Eumenidiopsis) kaokoveldensis n.sp.: GIORDANI SOIKA 1943: 33 (descr. ♂ ♀, Namibia).

Leptomenes kaokoveldensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 35 (tax., Namibia).

Stroudia kaokoveldensis (GIORDANI SOIKA): GIORDANI SOIKA 1977: 117 (key), 128 (tax., Namibia, South Africa).

Stroudia kaokoveldensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 81 (cat.).

D i s t r i b u t i o n : Namibia, South Africa.

***Stroudia laikipia* GUSENLEITNER 2002**

Stroudia laikipia nova spec.: GUSENLEITNER 2002: 1110 (descr. ♂ ♀, Kenya).

Stroudia laikipia GUSENLEITNER: GUSENLEITNER 2003: 168 (Kenya).

Stroudia laikipia GUSENLEITNER: GUSENLEITNER 2004: 140 (Kenya).

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

***Stroudia longissima* (GIORDANI SOIKA 1939)**

Leptomenes (Eumenidiopsis) longissimus n.sp.: GIORDANI SOIKA 1939: 94 (descr. ♂ ♀, Zimbabwe), 95 (figs 6.1-6).

Leptomenes longissimus GIORDANI SOIKA: GIORDANI SOIKA 1973: 20 (tax., Zimbabwe).

Cyrtolabulus longissimus (GIORDANI SOIKA): GIORDANI SOIKA 1977: 108 (tax.).

Stroudia longissima (GIORDANI SOIKA): GIORDANI SOIKA 1983: 121 (tax., Namibia, South Africa), 122 (tax.).

Stroudia longissima (GIORDANI SOIKA): BORSATO & RATTI 1999: 83 (cat.).

D i s t r i b u t i o n : Namibia, South Africa, Zimbabwe.

***Stroudia longula* (GIORDANI SOIKA 1939)**

Leptomenes (Eumenidiopsis) longulus n.sp.: GIORDANI SOIKA 1939: 93 (descr. ♀, Namibia), 94 (figs 5.1-3).

Leptomenes longulus GIORDANI SOIKA: GIORDANI SOIKA 1973: 20 (tax., Namibia).

Stroudia longula (GIORDANI SOIKA): GIORDANI SOIKA 1977: 117 (key), 127 (tax., Namibia).

Stroudia longula (GIORDANI SOIKA): BORSATO & RATTI 1999: 83 (cat.).

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

***Stroudia manca* GUSENLEITNER 2007**

Stroudia manca nov.spec.: GUSENLEITNER 2007a: 86 (descr. ♂ ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia marcelli* GIORDANI SOIKA 1987**

Stroudia marcelli n.sp.: GIORDANI SOIKA 1987: 142 (descr. ♀, Somalia).

Stroudia marcelli GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

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

***Stroudia meridiana* GUSENLEITNER 2007**

Stroudia meridiana spec.nov.: GUSENLEITNER 2007a: 88 (descr. ♂, biol., South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia micella* (GIORDANI SOIKA 1940)**

Zethus micella n.sp.: GIORDANI SOIKA 1940b: 129 (key), 138 (descr. ♂ ♀, Namibia), 139 (figs 2.1-5).

Zethus micella GIORDANI SOIKA: GIORDANI SOIKA 1973: 24 (tax., Namibia).

Stroudia micella (GIORDANI SOIKA): GIORDANI SOIKA 1989: 28 (tax.).

Stroudia micella (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (cat.).

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

***Stroudia minima* GIORDANI SOIKA 1992**

Stroudia minima n.sp.: GIORDANI SOIKA 1992: 49 (descr. ♂, South Africa).

Stroudia minima GIORDANI SOIKA: BORSATO & RATTI 1999: 85 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia moesta* (GIORDANI SOIKA 1943)**

Leptomenes (Eumenidiopsis) moestus n.sp.: GIORDANI SOIKA 1943: 35 (descr. ♀, South Africa).

Leptomenes moestus GIORDANI SOIKA: GIORDANI SOIKA 1973: 35 (tax., South Africa).

Stroudia moesta (GIORDANI SOIKA): GIORDANI SOIKA 1977: 118 (key), 129 (tax.).

Stroudia moesta (GIORDANI SOIKA): BORSATO & RATTI 1999: 85 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia nodosa* GIORDANI SOIKA 1977**

Stroudia nodosa n.sp.: GIORDANI SOIKA 1977: 116 (key), 125 (descr. ♂ ♀, Namibia), 126 (fig. 5).
Stroudia nodosa GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

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

***Stroudia pacifica pacifica* GIORDANI SOIKA 1977**

Stroudia pacifica pacifica n.sp.: GIORDANI SOIKA 1977: 118 (key), 135 (descr. ♂ ♀, South Africa), 136 (fig. 16).

Stroudia pacifica GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia pacifica litoralis* GIORDANI SOIKA 1977**

Stroudia pacifica litoralis n.sp.: GIORDANI SOIKA 1977: 137 (descr. ♀, South Africa).

Stroudia pacifica litoralis GIORDANI SOIKA: BORSATO & RATTI 1999: 88 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia plumosa* GIORDANI SOIKA 1992**

Stroudia plumosa n.sp.: GIORDANI SOIKA 1992: 47 (descr. ♀, South Africa).

Stroudia plumosa GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia pseudeumenes* GIORDANI SOIKA 1989**

Stroudia pseudeumenes n.sp.: GIORDANI SOIKA 1989: 31 (descr. ♀, Namibia), 32 (fig. 7).

Stroudia pseudeumenes GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (cat.).

Stroudia pseudeumenes GIORDANI SOIKA: GUSENLEITNER 2002: 1111 (tax., descr. ♂, Namibia).

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

***Stroudia pulcherrima* GIORDANI SOIKA 1977**

Stroudia pulcherrima n.sp.: GIORDANI SOIKA 1977: 116 (key), 126 (descr. ♀, South Africa).

Stroudia pulcherrima GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia pulla* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) pullus n.sp.: GIORDANI SOIKA 1940a: 278 (descr. ♀, Zimbabwe), 279 (figs 6.1-3).

Leptomenes pullus GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., Zimbabwe).

Stroudia pulla (GIORDANI SOIKA): GIORDANI SOIKA 1977: 117 (key), 128 (tax., Zimbabwe, fig. 6).

Stroudia pulla (GIORDANI SOIKA): BORSATO & RATTI 1999: 91 (cat.).

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

***Stroudia punctaticornis* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) punctaticornis n.sp.: GIORDANI SOIKA 1940a: 275 (descr. ♀, figs 4.1-3, South Africa).

Leptomenes punctaticornis GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).
Stroudia punctaticornis (GIORDANI SOIKA): GIORDANI SOIKA 1977: 120 (key), 139 (tax., South Africa).
Stroudia punctaticornis (GIORDANI SOIKA): BORSATO & RATTI 1999: 91 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia raphiglossoides* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) raphiglossoides n.sp.: GIORDANI SOIKA 1940a: 280 (descr. ♂ ♀, figs 8.1-3, South Africa).

Leptomenes raphiglossoides GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).

Stroudia raphiglossoides (GIORDANI SOIKA): GIORDANI SOIKA 1977: 120 (key), 138 (tax., South Africa), 139 (fig. 17).

Stroudia raphiglossoides (GIORDANI SOIKA): BORSATO & RATTI 1999: 92 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia rufipetiolata* (von SCHULTHESS-RECHBERG 1913)**

Labus rufipetiolatus nov.spec.: von SCHULTHESS-RECHBERG 1913: 1 (descr. ♂, figs, South Africa).

Labus rufipetiolatus von SCHULTHESS-RECHBERG: BEQUAERT 1918: 274 (cat.).

Labus rufipetiolatus von SCHULTHESS-RECHBERG: BEQUAERT 1928: 149 (tax., South Africa).

Leptomenes (Leptomenes) rufipetiolatus (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1939: 88 (tax.).

Leptomenes (Leptomenes) rufipetiolatus (de SAUSSURE) (sic): GIORDANI SOIKA 1941: 186 (cat.).

Stroudia rufipetiolata (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1977: 121 (key), 141 (tax., descr. ♀, South Africa), 142 (tax.).

Stroudia rufipetiolata (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1987: 147 (key).

D i s t r i b u t i o n : South Africa.

***Stroudia sexpunctata sexpunctata* (GIORDANI SOIKA 1943)**

Leptomenes (Eumenidiopsis) sexpunctatus n.sp.: GIORDANI SOIKA 1943: 35 (descr. ♂ ♀, Zimbabwe, South Africa).

Leptomenes sexpunctatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 35 (tax., Zimbabwe).

Stroudia sexpunctata (GIORDANI SOIKA): GIORDANI SOIKA 1977: 119 (key), 132 (tax., South Africa), 133 (figs 12, 13).

Stroudia sexpunctata sexpunctata (GIORDANI SOIKA): BORSATO & RATTI 1999: 94 (cat.).

D i s t r i b u t i o n : South Africa, Zimbabwe.

***Stroudia sexpunctata rufella* GIORDANI SOIKA 1989**

Stroudia sexpunctata rufella n.sp.: GIORDANI SOIKA 1989: 28 (descr. ♂ ♀, Angola, Namibia).

Stroudia sexpunctata rufella GIORDANI SOIKA: BORSATO & RATTI 1999: 94 (cat.).

D i s t r i b u t i o n : Angola, Namibia.

***Stroudia simillima* (GIORDANI SOIKA 1940)**

Leptomenes (Eumenidiopsis) simillimus n.sp.: GIORDANI SOIKA 1940a: 282 (descr. ♂ ♀, South Africa).

Leptomenes simillimus GIORDANI SOIKA: GIORDANI SOIKA 1973: 22 (tax., South Africa).

Stroudia simillima (GIORDANI SOIKA): GIORDANI SOIKA 1977: 120 (key), 139 (tax., South Africa).

Stroudia simillima (GIORDANI SOIKA): BORSATO & RATTI 1999: 95 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia simplicissima* GIORDANI SOIKA 1977**

Stroudia simplicissima n.sp.: GIORDANI SOIKA 1977: 119 (key), 134 (descr. ♂ ♀, Lesotho, South Africa).

Stroudia simplicissima GIORDANI SOIKA: BORSATO & RATTI 1999: 95 (cat.).

D i s t r i b u t i o n : Lesotho, South Africa.

***Stroudia spinicornis* GIORDANI SOIKA 1977**

Stroudia spinicornis n.sp.: GIORDANI SOIKA 1977: 118 (key), 131 (descr. ♂ ♀, fig. 11, South Africa).

Stroudia spinicornis GIORDANI SOIKA: BORSATO & RATTI 1999: 95 (cat.).

D i s t r i b u t i o n : South Africa.

***Stroudia stenosoma* (GIORDANI SOIKA 1941)**

Leptomenes (Eumenidiopsis) stenosoma n.sp.: GIORDANI SOIKA 1941: 191 (descr. ♂, Somalia), 192 (figs 13.1-3).

Leptomenes stenosoma GIORDANI SOIKA: GIORDANI SOIKA 1973: 27 (tax., Somalia).

Cyrtolabulus stenosoma (GIORDANI SOIKA): GIORDANI SOIKA 1977: 108 (tax.).

Stroudia stenosoma (GIORDANI SOIKA): GIORDANI SOIKA 1983: 122 (tax., Eritrea, Kenya).

Stroudia stenosoma (GIORDANI SOIKA): BORSATO & RATTI 1999: 96 (cat.).

Stroudia stenosoma (GIORDANI SOIKA): GUSENLEITNER 2002: 1112 (Kenya).

**Cyrtolabulus longinus* nova spec.: GUSENLEITNER 2000: 20 (descr. ♀, Kenya.), 27 (fig. 3).

Cyrtolabulus longinus GUSENLEITNER: GUSENLEITNER 2002: 1112 (syn.).

D i s t r i b u t i o n : Eritrea, Kenya, Somalia.

***Stroudia striatella* GIORDANI SOIKA 1977**

Stroudia striatella n.sp.: GIORDANI SOIKA 1977: 120 (key), 139 (descr. ♀, Lesotho).

Stroudia striatella GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

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

***Stroudia striatelloides* GIORDANI SOIKA 1977**

Stroudia striatelloides n.sp.: GIORDANI SOIKA 1977: 120 (key), 140 (descr. ♂ ♀, Lesotho).

Stroudia striatelloides GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

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

***Stroudia striaticlypeus* GUSENLEITNER 2002**

Stroudia striaticlypeus nova spec.: GUSENLEITNER 2002: 1112 (descr. ♀, Kenya), 1121 (fig. 1).

Stroudia striaticlypeus GUSENLEITNER: GUSENLEITNER 2003: 168 (Kenya).

Stroudia striaticlypeus GUSENLEITNER: GUSENLEITNER 2007b: 959 (tax., descr. ♂, Kenya).

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

***Stroudia tarsata* GUSENLEITNER 2007**

Stroudia tarsata spec.nov.: GUSENLEITNER 2007: 89 (descr. ♂ ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Stroudia tricolor* GIORDANI SOIKA 1992**

Stroudia tricolor n.sp.: GIORDANI SOIKA 1992: 47 (descr. ♂ ♀, South Africa).

Stroudia tricolor GIORDANI SOIKA: BORSATO & RATTI 1999: 97 (cat.).

D i s t r i b u t i o n : South Africa.

References

- ASHMEAD W. (1902): Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea 7. — Canadian Entomologist **34** (8): 203-210.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.) Genera Insectorum **19**: 108 pp.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GESS S.K. & F.W. GESS (2006): Survey of Flower Visiting by Aculeate Wasps and Bees in the semi-arid to arid Areas of southern Africa. — Annals of the Eastern Cape Museums **5**: 1-51.
- GIORDANI SOIKA A. (1939): Sul genere *Pachymenes* e descrizione di un nuovo genere e di nuove specie (Hym. Vespidae). — Memorie della Società Entomologica Italiana **17**: 85-96.
- GIORDANI SOIKA A. (1940a): Descrizione di nuove specie appartenenti al genere *Leptomenes* (Hym. Vespidae). — Memorie della Società Entomologica Italiana **18** (2): 268-282.
- GIORDANI SOIKA A. (1940b): Le specie etiopiche e malagasse del genere *Zethus* F. (Hym. Vespidae). — Memorie della Società Entomologica Italiana **19**: 129-139.
- GIORDANI SOIKA A. (1941): Studi sui Vespidi solitari. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **2** (3): 130-279.
- GIORDANI SOIKA A. (1943): Nuovi Vespidi mediterranei ed etiopici appartenenti ai generi *Eumenes*, *Leptomenes*, *Odynerus* e *Pterochilus*. — Bollettino della Società Veneziana di Storia Naturale e del Museo Civico di Storia Naturale **3**: 29-42.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1977): Sui generi *Leptomenes* G.S., *Stroudia* GRIB. ed *Eumenidiopsis* G.S. (Hym., Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **28**: 105-151.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.

- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.
- GIORDANI SOIKA A. (1992): Di alcuni Eumenidi nuovi o poco noti (Hymenoptera Vespoidea). — Lavori – Società Veneziana di Scienze Naturali **17**: 41-68.
- GRIBODO G. (1892): Contribuzioni imenotterologiche sopra alcune specie nuove o poco conosciute di imenotteri diplotteri nota IV. — Bollettino della Società Entomologica Italiana **23**: 242-300.
- GUSENLEITNER J. (2000): Neue Eumeniden aus Kenya, Mali und Zimbabwe (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **32** (1): 19-27.
- GUSENLEITNER J. (2001): Über Eumeniden aus verschiedenen Gebieten des äthiopischen Afrika (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **33** (1): 243-255.
- GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 2 (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (2): 1101-1121.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.
- GUSENLEITNER J. (2007a): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). — Linzer biologische Beiträge **39** (1): 83-95.
- GUSENLEITNER J. (2007b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, **71**: 169-301.
- SCHULTHESS-RECHBERG A. von (1913): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.

Genus *Subancistrocerus* de SAUSSURE 1855

Description: de SAUSSURE 1855: 206.

Typus generis: *Odynerus sichelii* de SAUSSURE 1855.

Distribution: Australian, Ethiopian and Oriental Region.

Valid species: 4.

Known subspecies: 1.

Subancistrocerus budongo (MEADE-WALDO 1915)

Odynerus (Ancistrocerus) budongo n.sp.: MEADE-WALDO 1915: 486 (cat.), 489 (key), 498 (descr. ♀, Uganda).

Ancistrocerus (Subancistrocerus) budongo (MEADE-WALDO): BEQUAERT 1918: 113 (key), 114 (tax., Democratic Republic of Congo), 287 (cat.).

Ancistrocerus (*Subancistrocerus*) *budongo* (MEADE-WALDO): GIORDANI SOIKA 1936: 33 (key), 37 (Kenya, Zimbabwe).

Subancistrocerus budongo (MEADE-WALDO): GIORDANI SOIKA 1965: 51 (tax.).

Subancistrocerus budongo (MEADE-WALDO): GIORDANI SOIKA 1989: 42 (Gabon).

D i s t r i b u t i o n : Democratic Republic of Congo, Gabon, Kenya, Uganda, Zimbabwe.

***Subancistrocerus burensis* (GIORDANI SOIKA 1935)**

Ancistrocerus (*Subancistrocerus*) *burensis* n.sp.: GIORDANI SOIKA 1935: 104 (descr. ♀, Kenya).

Ancistrocerus (*Subancistrocerus*) *burensis* GIORDANI SOIKA: GIORDANI SOIKA 1936: 33 (key), 36 (figs 3, 7), 38 (tax.).

Subancistrocerus burensis (GIORDANI SOIKA): GIORDANI SOIKA 1965: 50 (tax.), 51 (tax.).

Ancistrocerus burensis GIORDANI SOIKA: GIORDANI SOIKA 1973: 14 (tax., Kenya).

Subancistrocerus burensis (GIORDANI SOIKA): BORSATO & RATTI 1999: 70 (cat.).

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

***Subancistrocerus massaicus massaicus* (CAMERON 1910)**

Odynerus (*Nortonia*) *massaicus* sp.nov.: CAMERON 1910: 193 (descr. ♀, Tanzania), 196 (cat.).

Odynerus (*Ancistrocerus*) *massaicus* CAMERON: MEADE-WALDO 1913: 52 (key, tax.).

Odynerus (*Lionotus*) *massaicus* CAMERON: von SCHULTHESS 1913: 14 (key, tax.).

Odynerus (*Ancistrocerus*) *massaicus* CAMERON: MEADE-WALDO 1915: 486 (tax., Tanzania, cat.), 489 (key).

Ancistrocerus (*Subancistrocerus*) *massaicus* (CAMERON): BEQUAERT 1918: 113 (key), 114 (tax., fig. 107, Democratic Republic of Congo), 288 (cat.).

Ancistrocerus massaicus (CAMERON): SCHOUTEDEN 1919: 177 (Democratic Republic of Congo).

Ancistrocerus (*Subancistrocerus*) *massaicus* (CAMERON): GIORDANI SOIKA 1936: 33 (key), 36 (fig. 2), 37 (tax., descr. ♀, Democratic Republic of Congo, Malawi, South Africa).

Subancistrocerus massaicus (CAMERON): GIORDANI SOIKA 1955: 366 (tax., Burundi).

Subancistrocerus massaicus (CAMERON): GIORDANI SOIKA 1965: 50 (fig. 5).

D i s t r i b u t i o n : Burundi, Democratic Republic of Congo, Malawi, South Africa, Tanzania.

***Subancistrocerus massaicus occidentalis* GIORDANI SOIKA 1989**

Subancistrocerus massaicus occidentalis n.ssp.: GIORDANI SOIKA 1989: 42 (descr. ♂, Gabon).

Subancistrocerus massaicus occidentalis GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

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

***Subancistrocerus redemptus* GIORDANI SOIKA 1965**

Subancistrocerus redemptus n.sp.: GIORDANI SOIKA 1965: 50 (descr. ♂ ♀, fig. 6, Ivory Coast, Senegal).

Subancistrocerus redemptus GIORDANI SOIKA: GIORDANI SOIKA 1989: 42 (Burkina Faso).

Subancistrocerus redemptus GIORDANI SOIKA: GUSENLEITNER 1992: 674 (Ivory Coast).

Subancistrocerus redemptus GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

Subancistrocerus redemptus (sic) GIORDANI SOIKA: GUSENLEITNER 1999: 363 (Ivory Coast).

D i s t r i b u t i o n : Burkina Faso, Ivory Coast, Senegal.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diploterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- CAMERON P. (1910): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaistepfen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT* **2**: 169-196.
- GIORDANI SOIKA A. (1935): Descrizione di due nuovi *Ancistrocerus* dell'Africa orientale (Hym. Vespidae). — *Revue Française d'Entomologie* **2** (2): 103-105.
- GIORDANI SOIKA A. (1936): Gli *Ancistrocerus* della regione etiopica (Hym. Vespidae). — *Revue Française d'Entomologie* **3** (1): 32-45.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — *Annales du Musée Royal du Congo Belge, Zoologie*, **36**: 362-367.
- GIORDANI SOIKA A. (1965): Notulae vespilogicae XXIII. Descrizione dei tre nuovi Eumenidi dell'Africa occidentale. — *Bollettino della Società Entomologica Italiana* **95** (3-4): 46-51.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — *Linzer biologische Beiträge* **31** (1): 363-368.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History*, 8. series, **11** (61): 44-54.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — *Revue Zoologique Africaine* **6**: 171-189.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.

Genus *Synagris* LATREILLE 1802

Description: LATREILLE 1802: 360.

Typus generis: *Vespa cornuta* LINNAEUS 1758.

Synonyms: *Antagris* de SAUSSURE 1863, *Eusynagris* von DALLA TORRE 1904, *Hypagris* de SAUSSURE 1855, *Paragris* de SAUSSURE 1855, *Pseudagris* de SAUSSURE 1863, *Rhynchagris* MAIDL 1914.

Distribution: Ethiopian and Palearctic Region.

Subgenera: *Paragris* de SAUSSURE 1855, *Pseudagris* de SAUSSURE 1863, *Rhynchagris* MAIDL 1914, *Synagris* LATREILLE 1802.

Valid species: 36.

Subspecies: 21.

***Synagris (Paragris) abyssinica abyssinica* GUÉRIN MENNEVILLE 1848**

Synagris abyssinica n.sp.: GUÉRIN MENNEVILLE 1848: 360 (descr. ♂ ♀, Ethiopia).

Synagris abyssinica GUÉRIN MENNEVILLE: REICHE 1849: 453 (tax., Ethiopia), pl. 29 (figs 9, 10).

Synagris abyssinica GUÉRIN MENNEVILLE: de SAUSSURE 1852: 78 (key), 84 (descr. ♂).

Synagris abyssinica GUÉRIN MENNEVILLE: de SAUSSURE 1855: 154 (key).

Synagris abyssinica GUÉRIN MENNEVILLE: SMITH 1857: 37 (cat.).

Synagris abyssinica GUÉRIN MENNEVILLE: de SAUSSURE 1863: 187 (footnote): tax., 192 (tax., cat.).

Synagris abyssinica GUÉRIN MENNEVILLE: RADOSZKOVSKY 1881: 203 (Angola).

Synagris abyssinica GUÉRIN MENNEVILLE: de DALLA TORRE 1894: 34 (cat.).

Synagris abyssinica RÜPPEL (sic): CANNAVIELLO 1900: 297 (tax., Eritrea).

Synagris abyssinica GUÉRIN MENNEVILLE var.: MARSHALL 1902: 529 (biol.), 571 (Zimbabwe), pl. 22 (fig. 7).

Synagris abyssinica GUÉRIN MENNEVILLE: von DALLA TORRE 1904: 30 (cat.).

Synagris (Paragris) abyssinica abyssinica GUÉRIN MENNEVILLE: MAIDL 1914b: 227 (fig. 17), 235 (key), 239 (key), 273 (tax.), 274 (tax., descr. ♂ ♀), 277 (Ethiopia, Kenya, Namibia, South Africa, Uganda).

Synagris abyssinica GUÉRIN MENNEVILLE: SCHOUTEDEN 1916: 92 (Democratic Republic of Congo).

Synagris (Paragris) abyssinica GUÉRIN MENNEVILLE: BEQUAERT 1918: 205 (fig. 230), 215 (key), 217 (key), 222 (key, Democratic Republic of Congo), 319 (cat.).

Synagris (Paragris) abyssinica GUÉRIN MENNEVILLE: SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).

Synagris (Paragris) abyssinica abyssinica GUÉRIN MENNEVILLE: BEQUAERT 1923: 442 (key), 443 (key), 444 (Lesotho, South Africa).

Synagris abyssinica GUÉRIN MENNEVILLE: SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).

Synagris abyssinica GUÉRIN MENNEVILLE: GUIGLIA 1939c: 52 (Ethiopia).

Synagris abyssinica GUÉRIN MENNEVILLE: GUIGLIA 1948: 177 (tax., Ethiopia, cat.).

Synagris (Paragris) abyssinica GUÉRIN MENNEVILLE: GIORDANI SOIKA 1961: 448 (South Africa).

Synagris abyssinica GUÉRIN MENNEVILLE: GESS 1981: 27 (biol., South Africa).

Paragris abyssinica (GUÉRIN MENNEVILLE): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) abyssinica GUÉRIN MENNEVILLE: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris abyssinica GUÉRIN MENNEVILLE: GESS & GESS 2003: 86 (biol., Lesotho, South Africa), 335 (biol., South Africa), 353 (biol., Lesotho), 368 (biol., South Africa), 410 (biol., South Africa), 443 (biol., South Africa), 454 (biol., South Africa).

Synagris (Paragris) abyssinica GUÉRIN MENNEVILLE: LONGAIR 2004: 533 (tax.), 538 (table 1).

**Synagris aethiopica* n.sp.: de SAUSSURE 1863: 200 (descr. ♀, Ethiopia, South Africa), pl. 2 (fig. 14c).

Synagris aethiopica de SAUSSURE: GRIBODO 1884: 292 (Ethiopia).

Synagris aethiopica de SAUSSURE: de DALLA TORRE 1894: 34 (cat.).

Synagris aethiopica de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).

Synagris aethiopica de SAUSSURE: ZAVATTARI 1911: 3 (South Africa).

Synagris aethiopica de SAUSSURE: MAIDL 1914b: 273 (syn.).

Synagris aethiopica de SAUSSURE: du BUYSSON 1922: 974 (Kenya, Uganda).

**Synagris fervida* n.sp.: de SAUSSURE 1863: 199 (descr. ♂, South Africa), pl. 2 (fig. 13m).

Synagris fervida de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).

Synagris fervida de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).

Synagris fervida de SAUSSURE: MAIDL 1914b: 273 (syn.).

**Synagris minuta* n.sp.: de SAUSSURE 1852: 78 (key), 85 (descr. ♂, South Africa).

Synagris minuta n.sp.: de SAUSSURE 1853: pl. 13 (figs 7, 7a, b).

Synagris minuta de SAUSSURE: de SAUSSURE 1855: 154 (key).

Synagris minuta de SAUSSURE: SMITH 1857: 37 (cat.).

Synagris minuta de SAUSSURE: de SAUSSURE 1863: 192 (descr. ♂, Ethiopia, South Africa), pl. 2 (fig. 8c).

Synagris minuta de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).

Synagris minuta de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).

Synagris minuta de SAUSSURE: von SCHULTHESS 1913c: 14 (Tanzania).

Synagris minuta de SAUSSURE: von SCHULTHESS RECHBERG 1913d: 292 (Democratic Republic of Congo).

Synagris minuta de SAUSSURE: MAIDL 1914b: 273 (syn.).

Synagris minuta de SAUSSURE: du BUYSSON 1922: 975 (Uganda).

**Synagris pentameria* n.sp.: de SAUSSURE 1852: 78 (key), 87 (descr. ♂, South Africa), pl. 5 (fig. 2d).

Synagris pentameria n.sp.: de SAUSSURE 1853: pl. 13 (figs 8, 8a, b).

Synagris pentameria de SAUSSURE: de SAUSSURE 1855: 154 (key).

Synagris pentameria de SAUSSURE: SMITH 1857: 37 (cat.).

Synagris pentameria de SAUSSURE: de SAUSSURE 1863: 187 (footnote: tax.), 197 (tax., South Africa).

Synagris pentameria de SAUSSURE: GRIBODO 1881: 240 (tax., Ethiopia), 269 (cat.).

Synagris pentameria de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).

Synagris pentameria de SAUSSURE: von DALLA TORRE 1904: 31 (cat.), pl. 3 (fig. 8).

Synagris pentameria de SAUSSURE: MAIDL 1914b: 273 (syn.).

Distribution: Angola, Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Lesotho, Namibia, South Africa, Tanzania, Uganda, Zimbabwe.

***Synagris (Paragris) abyssinica albofasciata* MAIDL 1914**

Synagris abyssinica albofasciata n.ssp.: MAIDL 1914a: 98 (descr. ♂ ♀, Kenya).

Synagris (Paragris) abyssinica albofasciata n.ssp.: MAIDL 1914b: 238 (key), 242 (key), 274 (tax.), 275 (descr. ♂ ♀), 278 (Angola, Equatorial Guinea, Kenya).

Synagris (Paragris) abyssinica albofasciata MAIDL: BEQUAERT 1918: 222 (key), 223 (Democratic Republic of Congo), 320 (cat.).

Synagris (Paragris) abyssinica var. *albofasciata* MAIDL: BEQUAERT 1923: 442 (key), 443 (key), 444.

Paragris abyssinica albofasciata (Maidl): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) abyssinica var. *albofasciata* MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

Distribution: Angola, Democratic Republic of Congo, Equatorial Guinea, Kenya.

***Synagris (Paragris) abyssinica emarginata* (de SAUSSURE 1855)**

Synagris emarginata n.sp.: de SAUSSURE 1855: 154 (key), 157 (descr. ♂, Africa).

Synagris emarginata de SAUSSURE: SMITH 1857: 37 (cat.).

Synagris emarginata de SAUSSURE: de SAUSSURE 1863: 187 (footnote: tax.), 195 (tax., Africa).

Synagris emarginata de SAUSSURE: RADOSZKOVSKY 1881: 203 (Angola).

Synagris emarginata de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).

Synagris emarginata de SAUSSURE: MARSHALL 1902: 529 (biol.), 571 (Zimbabwe), pl. 22 (fig. 8).

Synagris emarginata de SAUSSURE: BINGHAM 1903: 47 (Malawi), 68 (South Africa).

Synagris emarginata de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).

- Synagris (Paragris) abyssinica emarginata* de SAUSSURE: MAIDL 1914b: 236 (key), 240 (key), 274 (tax.), 275 (tax., descr. ♂ ♀), 277 (Democratic Republic of Congo, Ethiopia, Kenya, Malawi, Tanzania (Tanzania, Zanzibar), Uganda, Zambia).
- Synagris abyssinica emarginata* de SAUSSURE: SCHOUTEDEN 1916: 92 (Democratic Republic of Congo).
- Synagris (Paragris) abyssinica emarginata* de SAUSSURE: BEQUAERT 1918: 22 (key, Democratic Republic of Congo), 320 (cat.).
- Synagris (Paragris) abyssinica* var. *emarginata* de SAUSSURE: SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).
- Synagris (Paragris) abyssinica* var. *emarginata* de SAUSSURE: BEQUAERT 1923: 442 (key), 443 (key), 444 (Democratic Republic of Congo, Zimbabwe).
- Synagris abyssinica* var. *emarginata* de SAUSSURE: de SCHULTHESS 1929: 188 (Democratic Republic of Congo).
- Synagris abyssinica* var. *emarginata* de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).
- Synagris abyssinica* var. *emarginata* de SAUSSURE: BEQUAERT 1938: 7 (Democratic Republic of Congo), 10 (cat.).
- Synagris (Paragris) abyssinica* ssp. *emarginata* de SAUSSURE: GIORDANI SOIKA 1955: 367 (Burundi).
- Synagris (Paragris) emarginata* de SAUSSURE: MEDLER 1980: 477 (cat., Nigeria).
- Paragris abyssinica emarginata* (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (tax.).
- Synagris (Paragris) abyssinica emarginata* de SAUSSURE: van der VECHT & CARPENTER 1990: 41 (tax.).

Distribution: Angola, Burundi, Democratic Republic of Congo, Ethiopia, Kenya, Malawi, Nigeria, South Africa, Tanzania (Tanzania, Zanzibar), Uganda, Zambia, Zimbabwe.

***Synagris (Paragris) aestuans aestuans* (FABRICIUS 1781)**

- Vespa aestuans* n.sp.: FABRICIUS 1781: 462 (descr. ♀, tropical Africa).
- Vespa aestuans* FABRICIUS: FABRICIUS 1787: 289 (tax., descr., tropical Africa).
- Vespa aestuans* FABRICIUS: GMELIN 1790: 2752 (tax., descr., tropical Africa).
- Vespa aestuans* FABRICIUS: OLIVIER 1792: 666 (key), 683 (tax., descr., tropical Africa).
- Vespa aestuans* FABRICIUS: FABRICIUS 1793: 262 (tax., tropical Africa).
- Vespa aestuans* FABRICIUS: FABRICIUS 1804: 258 (tax., tropical Africa).
- Synagris aestuans* (FABRICIUS): PALISOT de BEAUVAIS 1821: 260 (descr. ♂ ♀, Africa), pl. 10 (fig. 5).
- Synagris aestuans* (FABRICIUS): LATREILLE et al. 1825: 510 (cat.).
- Synagris aestuans* (FABRICIUS): LEPELETIER de SAINT-FARGEAU 1841: 594 (descr. ♀, tropical Africa).
- Synagris aestuans* (FABRICIUS): de SAUSSURE 1852: 78 (key), 81 (descr. ♂ ♀, tropical Africa).
- Synagris aestuans* (FABRICIUS): de SAUSSURE 1855: 154 (key), 155 (tax. partim).
- Synagris aestuans* (FABRICIUS): SMITH 1857: 36 (cat.), 140 (cat.).
- Synagris aestuans* (FABRICIUS): de SAUSSURE 1863: 188 (descr. ♀, Africa).
- Synagris aestuans* (FABRICIUS): de DALLA TORRE 1894: 34 (cat.).
- Synagris aestuans* (FABRICIUS): von DALLA TORRE 1904: 30 (cat.).
- Synagris (Paragris) aestuans* (FABRICIUS): SCHULZ 1906: 321 (tax., descr. ♀, Equatorial Guinea (Bioko)).
- Synagris aestuans* (FABRICIUS): von SCHULTHESS RECHBERG 1913b: 343 (Equatorial Guinea).
- Synagris (Paragris) aestuans aestuans* (FABRICIUS): MAIDL 1914b: 239 (key), 243 (key), 283 (tax.), 284 (tax., descr. ♂ ♀), 288 (Cameroon, Democratic Republic of Congo, Gabon, Sierra Leone, Togo, Uganda).
- Synagris aestuans* de SAUSSURE (sic): SCHOUTEDEN 1916: 93 (Democratic Republic of Congo).

Synagris (Paragris) aestuans aestuans (FABRICIUS): BEQUAERT 1918: pl. 1 (fig. 6), 214 (key), 217 (key), 223 (tax., descr. ♀, Democratic Republic of Congo), 320 (cat.).

Synagris (Paragris) aestuans (FABRICIUS): SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).

Synagris aestuans var. *aestuans* (FABRICIUS): von SCHULTHESS 1928a: 98 (Central African Republic, Democratic Republic of Congo).

Synagris aestuans aestuans (FABRICIUS): SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).

Synagris (Synagris) aestuans (FABRICIUS): MEDLER 1980: 477 (cat., Nigeria).

Paragris aestuans aestuans (FABRICIUS): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) aestuans aestuans (Fabricius): van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) aestuans (FABRICIUS): LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (tax., table 2), 540 (fig. 5d), 541 (fig. 6a), 553 (tax.).

**Synagris amplissima* n.sp.: KOHL 1894: 337 (descr. ♂, Liberia), pl. 15 (fig. 93), pl. 16 (fig. 102).

Synagris amplissima KOHL: de DALLA TORRE 1894: 34 (cat.).

Synagris amplissima KOHL: von DALLA TORRE 1904: 30 (cat.).

Synagris amplissima KOHL: MAIDL 1914b: 283 (syn.).

Synagris amplissima KOHL: BRIDWELL 1917: 261 (Nigeria).

**Synagris ornata* n.sp.: MOCSÁRY 1906: 199 (descr. ♀, Uganda).

Synagris ornata MOCSÁRY: MAIDL 1914b: 283 (syn.).

D i s t r i b u t i o n : Cameroon, Central African Republic, Democratic Republic of Congo, Equatorial Guinea (Equatorial Guinea, Bioko), Ethiopia, Gabon, Liberia, Nigeria, Sierra Leone, Togo, Uganda.

***Synagris (Paragris) aestuans rufa* STADELMANN 1898**

Synagris aestuans rufa n.var.: STADELMANN 1898: 10 (cat., Tanzania), 29 (key), 31 (descr. ♂, Tanzania), pl. 4 (fig. 10).

Synagris (Paragris) aestuans ssp. *rufa* STADELMANN: MAIDL 1914b: 238 (key), 243 (key), 284 (tax.), 286 (tax., descr. ♂ ♀), 288 (Malawi, Tanzania).

Synagris (Paragris) aestuans var. *rufa* STADELMANN: BEQUAERT 1918: 224 (tax.), 320 (cat.).

Paragris aestuans rufa (STADELMANN): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) aestuans rufa STADELMANN: van der VECHT & CARPENTER 1990: 41 (tax.).

**Synagris amplissima* KOHL: MOCSÁRY 1903: 506 (descr. ♂ ♀, Tanzania).

D i s t r i b u t i o n : Malawi, Tanzania.

***Synagris (Pseudagris) albicauda* (von SCHULTHEB 1923) new combination**

Rhynchium abyssinicum albicauda n.var.: von SCHULTHEB 1923a: 1 (descr. ♂ ♀, Zambia).

Synagris (Pseudagris) albicauda (von SCHULTHEB): von SCHULTHEB 1928b: 306 (key), 307 (key), 316 (descr. ♂ ♀, figs 1, 2, Tanzania, Zambia).

Rhynchium abyssinicum albicauda von SCHULTHEB: GIORDANI SOIKA 1937: 325 (syn. of *Rhynchium ardens* var. *junodi*).

Pseudagris albicauda (von SCHULTHEB): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Pseudagris) albicauda (von SCHULTHEB): van der VECHT & CARPENTER 1990: 48 (tax.).

Pseudagris albicauda (von SCHULTHEB): GUSENLEITNER 2007: 83 (tax., cat.).

D i s t r i b u t i o n : Tanzania, Zambia.

***Synagris (Paragris) analis analis* de SAUSSURE 1852**

Synagris analis n.sp.: de SAUSSURE 1852: 79 (key), 86 (descr. ♂, Ethiopia).

Synagris analis n.sp.: de SAUSSURE 1853: pl. 13 (figs 5, 5a).

Synagris analis de SAUSSURE: de SAUSSURE 1855: 154 (key).

Synagris analis de SAUSSURE: SMITH 1857: 37 (cat.).

- Synagris analis* de SAUSSURE: de SAUSSURE 1863: 195 (descr. ♂, Ethiopia), pl. 2 (figs 10c, m).
Synagris analis de SAUSSURE: de DALLA TORRE 1894: 34 (cat.).
Synagris analis de SAUSSURE: MARSHALL 1902: 529 (biol.), 571 (Zimbabwe), pl. 22 (figs 9, 13).
Synagris analis de SAUSSURE: BINGHAM 1903: 47 (Malawi, South Africa), 68 (South Africa).
Synagris analis de SAUSSURE: von DALLA TORRE 1904: 30 (cat.), pl. 3 (fig. 7).
Synagris (Paragris) analis analis de SAUSSURE: MAIDL 1914b: 224 (figs 9, 10), 236 (key), 240 (key), 253 (tax.), 254 (tax., descr. ♂ ♀), 256 (Angola, Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Mozambique, South Africa, Tanzania (Tanzania, Zanzibar), Uganda, Zambia).
Synagris analis de SAUSSURE: SCHOUTEDEN 1916: 92 (Democratic Republic of Congo).
Synagris (Paragris) analis de SAUSSURE: BEQUAERT 1918: 216 (key), 218 (key, tax., Democratic Republic of Congo, Mozambique), 320 (cat.).
Synagris (Paragris) analis de SAUSSURE: SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).
Synagris (Paragris) analis analis de SAUSSURE: BEQUAERT 1923: 442 (key), 443 (key), 444 (Democratic Republic of Congo, Mozambique, South Africa, Zimbabwe).
Synagris analis var. *analis* de SAUSSURE: von SCHULTHESS 1928a: 98 (Central African Republic).
Synagris analis de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).
Synagris (Paragris) analis de SAUSSURE: GIORDANI SOIKA 1935: 13 (Mozambique).
Synagris analis de SAUSSURE: GUIGLIA 1938: 183 (Somalia).
Synagris (Paragris) analis de SAUSSURE: GUIGLIA 1939a: 191 (Eritrea).
Synagris (Paragris) analis de SAUSSURE: GUIGLIA 1940a: 278 (Somalia, Malawi).
Synagris (Paragris) analis de SAUSSURE: GIORDANI SOIKA 1940: 286 (Somalia).
Synagris (Paragris) analis de SAUSSURE: GUIGLIA 1940b: 288 (Eritrea, Somalia, Tanzania).
Synagris (Paragris) analis de SAUSSURE: GIORDANI SOIKA 1952: 87 (Ethiopia).
Synagris analis de SAUSSURE: GESS 1981: 27 (biol., South Africa).
Paragris analis analis (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (tax.).
Synagris (Paragris) analis analis de SAUSSURE: van der VECHT & CARPENTER 1990: 41 (tax.).
Synagris analis de SAUSSURE: WEAVING 1994: 188 (biol., South Africa), 192 (biol., South Africa).
Synagris analis de SAUSSURE: WEAVING 1995: 186 (figs 3a-c), 187 (biol., South Africa), 188 (table 1), 191 (table 6), 192 (biol.), 193 (fig. 4), 195 (fig. 5A), 197 (biol.), 198 (table 10), 199 (table 11), 200 (table 12), 201 (table 13), 203 (table 14), 204 (biol.), 205 (table 15), 206 (table 16), 210 (biol., table 19).
Synagris analis de SAUSSURE: van VONDEL 1995: 24 (cat., Cameroon, Zambia).
Synagris (Paragris) analis de SAUSSURE: GUSENLEITNER 2002a: 303 (Tanzania).
Synagris analis de SAUSSURE: GUSENLEITNER 2004: 147 (Kenya, Tanzania).
Synagris (Paragris) analis de SAUSSURE: LONGAIR 2004: 533 (tax.), 538 (table 1), 539 (tax.).
Synagris (Paragris) analis de SAUSSURE: GUSENLEITNER 2005b: 1195 (fig. 4).
**Synagris abdominalis* n.sp.: de SAUSSURE 1855: 154 (key), 157 (descr. ♂, Africa), pl. 8 (fig. 7).
Synagris abdominalis de SAUSSURE: SMITH 1857: 37 (cat.).
Synagris abdominalis de SAUSSURE: de SAUSSURE 1863: 187 (footnote: tax.), 202 (descr. ♂, Africa).
Synagris abdominalis de SAUSSURE: de DALLA TORRE 1894: 34 (cat.).
Hypagris abdominalis (de SAUSSURE): ASHMEAD 1902: 210 (tax., typ. gen., key).
Synagris abdominalis de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
Synagris abdominalis de SAUSSURE: MAIDL 1914b: 253 (syn.).
**Synagris dubia* n.sp.: de SAUSSURE 1863: 202 (descr. ♂, Eritrea), pl. 2 (fig. 17c).
Synagris dubia de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).
Synagris dubia de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris dubia de SAUSSURE: MAIDL 1914b: 253 (syn.).
**Synagris heydeniana* n.sp.: de SAUSSURE 1863: 194 (descr. ♂ ♀, Eritrea, Ethiopia), pl. 2 (figs 9c, m).
Synagris heydeniana de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).
Synagris heydeniana de SAUSSURE: de SCHULTHESS-SCHINDLER 1899: 272 (tax., Mozambique).

- Synagris heydeniana* de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris heydeniana de SAUSSURE: ZAVATTARI 1907c: 3 (descr. ♂, Democratic Republic of Congo).
Synagris heydeniana de SAUSSURE: ZAVATTARI 1911: 3 (Ethiopia).
Synagris heydeniana de SAUSSURE: MAIDL 1914b: 253 (syn.).
 **Synagris tarsalis* n.sp.: GERSTAECKER 1871: 350 (descr. ♂ ♀, Kenya).
Synagris tarsalis n.sp.: GERSTAECKER 1873: 322 (descr. ♂ ♀, Kenya).
Synagris tarsalis GERSTAECKER: de DALLA TORRE 1894: 37 (cat.).
Synagris tarsalis GERSTAECKER: STADELMANN 1898: 29 (key), 30 (key, Kenya).
Synagris tarsalis GERSTAECKER: von DALLA TORRE 1904: 31 (cat.).
Synagris tarsalis GERSTAECKER: von SCHULTHESS RECHBERG 1913d: 293 (Democratic Republic of Congo).
Synagris tarsalis GERSTAECKER: MAIDL 1914b: 253 (syn.).
 Synagris xanthura* n.sp.: de SAUSSURE 1855: 154 (key), 155 (descr. ♀, Senegal). **new synonym
Synagris xanthura de SAUSSURE: SMITH 1857: 36 (cat.).
Synagris xanthura de SAUSSURE: GERSTÄCKER 1858: 464 (Mozambique).
Synagris xanthura de SAUSSURE: GERSTAECKER 1862: 464 (tax., Angola).
Synagris xanthura de SAUSSURE: de SAUSSURE 1863: 187 (descr. ♀, Senegal, South Africa).
Synagris xanthura de SAUSSURE: GRIBODO 1884: 292 (Ethiopia, Senegal, South Africa, Tanzania (Zanzibar)).
Synagris xanthura de SAUSSURE: MAGRETTI 1884a: 252 (cat.).
Synagris xanthura de SAUSSURE: MAGRETTI 1884b: 613 (descr. ♂, Sudan, Eritrea).
Synagris xanthura de SAUSSURE: MAGRETTI 1885: 268 (Sudan), 353 (cat.).
Synagris xanthura de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).
Synagris xanthura de SAUSSURE: GRIBODO 1895: 94 (tax., Mozambique).
Synagris xanthura de SAUSSURE: MAGRETTI 1898: 33 (Somalia).
Synagris xanthura de SAUSSURE: STADELMANN 1898: 29 (key), 30 (tax., Tanzania (Tanzania, Zanzibar)).
Synagris xanthura de SAUSSURE: MAGRETTI 1899: 594 (Somalia).
Synagris xanthura de SAUSSURE: de SCHULTHESS-SCHINDLER 1899: 272 (Mozambique).
Synagris xanthura de SAUSSURE: MARSHALL 1902: 529 (biol.), 571 (Zimbabwe), pl. 22 (fig. 12).
Synagris xanthura de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris xanthura de SAUSSURE: ZAVATTARI 1907a: 2 (Somalia).
Synagris xanthura de SAUSSURE: ZAVATTARI 1907b: 2 (Zambia).
Synagris xanthura de SAUSSURE: CAMERON 1910a: 183 (Tanzania), 196 (cat.).
Synagris xanthura de SAUSSURE: CAMERON 1910b: 160 (South Africa).
Synagris xanthura de SAUSSURE: von SCHULTHESS RECHBERG 1913c: 14 (Tanzania).
Synagris xanthura de SAUSSURE: MAIDL 1914b: 253 (syn. of *Synagris analis*).
Synagris xanthura de SAUSSURE: GUIGLIA 1928: 496 (tax., Somalia).
Synagris xanthura de SAUSSURE: GUIGLIA 1932: 122 (Eritrea, Somalia).

Distribution: Angola, Cameroon, Central African Republic, Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Malawi, Mozambique, Senegal, Somalia, South Africa, Sudan, Tanzania (Tanzania, Zanzibar), Uganda, Zambia, Zimbabwe.

***Synagris (Paragris) analis nigroclypeata* MAIDL 1914**

- Synagris (Paragris) analis nigroclypeata* n.ssp.: MAIDL 1914a: 97 (descr. ♂ ♀, 257 (Namibia)).
Synagris (Paragris) analis nigroclypeata n.ssp.: MAIDL 1914b: 236 (key), 253 (tax.), 255 (tax., descr. ♂ ♀), 257 (Namibia).
Synagris (Paragris) analis var. *nigroclypeata* MAIDL: BEQUAERT 1918: 219 (tax.), 321 (cat.).
Synagris analis var. *nigroclypeata* MAIDL: von SCHULTHESS 1923b: 136 (Namibia).
Synagris (Paragris) analis var. *nigroclypeata* MAIDL: BEQUAERT 1923: 445 (tax.).
Paragris analis nigroclypeata (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) analis nigroclypeata MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

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

***Synagris (Pseudagris) aterrima* MAIDL 1914**

Synagris (Pseudagris) aterrima n.sp.: MAIDL 1914a: 97 (descr. ♀, Democratic Republic of Congo).

Pseudagris aterrima (MAIDL): GIORDANI SOIKA 1987b: 235 (key), 246 (descr. ♀, Democratic Republic of Congo).

Synagris aterrima MAIDL: SCHOUTEDEN 1916: 91 (tax., Democratic Republic of Congo).

Synagris (Pseudagris) aterrima MAIDL: BEQUAERT 1918: 228 (key), 318 (cat.).

Synagris (Pseudagris) aterrima MAIDL: SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).

Synagris (Pseudagris) aterrima MAIDL: von SCHULTHEB 1928b: 317 (syn. of *Synagris junodiana*).

Pseudagris aterrima (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Pseudagris) aterrima MAIDL: van der VECHT & CARPENTER 1990: 48 (tax.).

Pseudagris aterrima (MAIDL): GUSENLEITNER 2002b: 317 (tax., Republic of Congo).

Synagris (Pseudagris) aterrima MAIDL: LONGAIR 2004: 538 (table 1: tax.).

D i s t r i b u t i o n : Democratic Republic of Congo, Republic of Congo.

***Synagris (Paragris) biplagiatus* GUSENLEITNER 2005**

Synagris (Paragris) biplagiatus nova spec.: GUSENLEITNER 2005b: 1179 (descr. ♀, South Africa), 1195 (figs 3, 4).

D i s t r i b u t i o n : South Africa.

***Synagris (Pseudagris) brunnea* (GUSENLEITNER 2007) new combination**

Pseudagris brunnea nov.sp.: GUSENLEITNER 2007: 83 (descr. ♀, South Africa).

D i s t r i b u t i o n : South Africa.

***Synagris (Paragris) calida* (LINNAEUS 1758)**

Vespa calida n.sp.: LINNAEUS 1758: 574 (descr. ♀, India).

Vespa calida LINNAEUS: MÜLLER 1775: 887 (tax., descr., heissen Gegenden).

Vespa calida LINNAEUS: FABRICIUS 1775: 366 (descr., Sierra Leone).

Vespa calida LINNAEUS: GMELIN 1777: 706 (tax., Indien).

Vespa calida LINNAEUS: FABRICIUS 1781: 462 (descr., tropical Africa).

Vespa calida LINNAEUS: FABRICIUS 1787: 289 (descr., tropical Africa).

Vespa calida LINNAEUS: GMELIN 1790: 2759 (tax., descr., tropical Africa).

Vespa calida LINNAEUS: CHRIST 1791: 225 (tax., Africa).

Vespa calida LINNAEUS: OLIVIER 1792: 666 (key), 683 (tax., descr., Sierra Leone).

Vespa calida LINNAEUS: FABRICIUS 1793: 262 (tax., Sierra Leone).

Vespa calida LINNAEUS: FABRICIUS 1804: 259 (tax., Sierra Leone).

Synagris calida (LINNAEUS): PALISOT de BEAUVAIS 1821: 260 (tax., descr. ♂ ♀, Africa), pl. 10 (figs 6, 6a, 6b).

Synagris calida FABRICIUS (sic): JURINE 1807: 169 (tax., cat.).

Vespa calida LINNAEUS: LATREILLE 1817: 504 (tax., cat.).

Synagris calida (LINNAEUS): LATREILLE et al. 1825: 510 (tax., cat.).

Vespa calida LINNAEUS: LATREILLE 1829: 336 (tax., cat.).

Synagris calida (LINNAEUS): GUÉRIN-MÉNEVILLE 1835: pl. 72 (tax., fig. 3).

Vespa valida (sic) LINNAEUS: VOIGT 1839: 493 (tax., cat.).

- Synagris calida* (LINNAEUS): LEPELETIER de SAINT-FARGEAU 1841: 594 (tax., descr. ♂ ♀, Sierra Leone, tropical Africa).
- Synagris calida* (LINNAEUS): GUÉRIN-MÉNEVILLE 1845: 446 (tax., Senegal).
- Synagris calida* FABRICIUS (sic): GUÉRIN MENNEVILLE 1848: 362 (Ethiopia).
- Synagris calida* (LINNAEUS): SMITH 1856: 128 (biol., South Africa).
- Synagris calida* (LINNAEUS): SMITH 1857: 35 (cat.), 139 (cat.), pl. 6 (fig. 3).
- Synagris calida* (LINNAEUS): GUEINZIUS 1858: 9 (biol., South Africa).
- Synagris calida* (LINNAEUS): COSTA 1864: 114 (Guinea).
- Synagris calida* (LINNAEUS): TASCHEBERG 1872: 1 (biol., South Africa).
- Synagris calida* (LINNAEUS): RADOSZKOWSKY 1876: 145 (Ethiopia).
- Synagris calida* (LINNAEUS): de DALLA TORRE 1894: 35 (cat.).
- Synagris calida* (LINNAEUS): FOX 1896: 554 (Ethiopia).
- Synagris calida* (LINNAEUS): CANNAVIELLO 1900: 296 (tax., Eritrea).
- Synagris calida* (LINNAEUS): von DALLA TORRE 1904: 30 (cat.).
- Synagris calida* (LINNAEUS): CAMERON 1905: 208 (tax., South Africa).
- Synagris calida* (LINNAEUS): CAMERON 1910b: 160 (South Africa).
- Synagris (Paragris) calida* (LINNAEUS): MAIDL 1914b: 236 (key), 240 (key), 265 (tax., descr. ♂ ♀, Angola, Benin, Cameroon, Democratic Republic of Congo, Gabon, Ghana, Kenya, Liberia, Nigeria, Senegal, Sierra Leone, South Africa, Tanzania, Togo, Uganda).
- Synagris calida* (LINNAEUS): SCHOUTEDEN 1916: 92 (Democratic Republic of Congo).
- Synagris (Paragris) calida* (LINNAEUS): BEQUAERT 1918: 215 (key), 218 (key), 221 (tax., biol., Democratic Republic of Congo), 321 (cat.).
- Synagris (Paragris) calida* (LINNAEUS): SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).
- Synagris calida* FABRICIUS (sic): du BUYSSON 1922: 974 (Ethiopia).
- Synagris (Paragris) calida* (LINNAEUS): BEQUAERT 1923: 442 (key, tax.), 443 (key).
- Synagris calida* (LINNAEUS): von SCHULTHESS 1928a: 98 (Central African Republic, Democratic Republic of Congo).
- Synagris calida* SERVILLE (sic): de SCHULTHESS 1929: 187 (Democratic Republic of Congo).
- Synagris calida* (LINNAEUS): SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).
- Synagris calida* (LINNAEUS): BEQUAERT 1938: 8 (Democratic Republic of Congo), 10 (cat.).
- Synagris calida* (LINNAEUS): BENOIT 1951: 319 (biol., Democratic Republic of Congo).
- Synagris calida* (LINNAEUS): BERLAND 1953: 272 (Republic of Guinea).
- Synagris calida* (LINNAEUS): MACNULTY 1962: 119 (biol., Nigeria), pl. 7 (fig. 1).
- Synagris calida* (LINNAEUS): DAY 1979: 54 (tax.), 79 (cat.).
- Synagris (Synagris) calida* (LINNAEUS): MEDLER 1980: 477 (cat., Nigeria).
- Paragris calida* (LINNAEUS): GIORDANI SOIKA 1987b: 154 (tax.).
- Paragris calida* (LINNAEUS): GIORDANI SOIKA 1989: 28 (Burkina Faso, Gabon, Ivory Coast, Nigeria, Senegal).
- Synagris (Paragris) calida* (LINNAEUS): van der VECHT & CARPENTER 1990: 41 (tax.).
- Paragris calida* (LINNAEUS): GUSENLEITNER 1992: 672 (tax., Ivory Coast, Togo).
- Synagris (Paragris) calida* (LINNAEUS): LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (tax., table 2), 553 (tax.).
- **Synagris bellicosa* n.sp.: de SAUSSURE 1852: 84 (descr. ♂ ♀, Senegal).
- Synagris bellicosa* de SAUSSURE: de SAUSSURE 1855: 154 (key).
- Synagris bellicosa* de SAUSSURE: SMITH 1857: 37 (cat.).
- Synagris bellicosa* de SAUSSURE: de SAUSSURE 1863: 191 (descr. ♂ ♀, Senegal or South Africa), pl. 2 (fig. 7).
- Synagris bellicosa* de SAUSSURE: de DALLA TORRE 1894: 35 (cat.).
- Synagris bellicosa* de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
- Synagris bellicosa* de SAUSSURE: TULLGREN 1904: 451 (descr. ♀, Cameroon).
- Synagris bellicosa* de SAUSSURE: MAIDL 1914b: 265 (syn.).
- **Synagris combusta* n.sp.: de SAUSSURE 1863: 185 (descr. ♀, Guinea), pl. 2 (figs 4, 4c).
- Synagris combusta* de SAUSSURE: RITSEMA 1874: 200 (tax., Democratic Republic of Congo).
- Synagris combusta* de SAUSSURE: GRIBODO 1884: 291 (tax., Ethiopia).

- Synagris combusta* de SAUSSURE: de DALLA TORRE 1894: 35 (cat.).
Synagris combusta de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
Synagris combusta de SAUSSURE: ZAVATTARI 1911: 3 (Guinea).
Synagris combusta de SAUSSURE: von SCHULTHESS RECHBERG 1914b: 291 (Cameroon).
Synagris combusta de SAUSSURE: MAIDL 1914b: 265 (syn.).
 **Synagris mandibularis* n.sp.: de SAUSSURE 1863: 184 (descr. ♂, Benin, Guinea, Senegal), pl. 2.(figs 3c, m).
Synagris mandibularis de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).
Synagris mandibularis de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris mandibularis de SAUSSURE: von SCHULTHESS RECHBERG 1913d: 292 (Democratic Republic of Congo).
Synagris mandibularis de SAUSSURE: MAIDL 1914b: 265 (syn.).
 **Synagris sicheliana* n.sp.: de SAUSSURE 1863: 183 (descr. ♂, Guinea), pl. 2 (figs 1c, m).
Synagris sicheliana de SAUSSURE: KOHL 1894: 344 (Cameroon).
Synagris sicheliana de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).
Synagris sicheliana de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris sicheliana de SAUSSURE: ROUBAUD 1908: 696 (biol., Republic of Congo), 697.
Synagris sicheliana de SAUSSURE: ROUBAUD 1910: 3 (biol., Republic of Congo), pl. 1 (figs 1, 3), pl. 2.
Synagris sicheliana de SAUSSURE: von SCHULTHESS RECHBERG 1914b: 291 (Cameroon).
Synagris sicheliana de SAUSSURE: MAIDL 1914b: 265 (syn.).
Synagris sicheliana de SAUSSURE: ROUBAUD 1916: 3 (biol., Benin, Senegal).
Synagris sicheliana de SAUSSURE: BRIDWELL 1917: 261 (biol., Nigeria).
Synagris (Synagris) sicheliana de SAUSSURE: MEDLER 1980: 477 (cat., Nigeria).
 **Synagris tetrameria* n.sp.: de SAUSSURE 1863: 193 (descr. ♀, Ethiopia).
Synagris tetrameria de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).
Synagris tetrameria de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris tetrameria de SAUSSURE: MAIDL 1914b: 265 (syn.).
 **Vespa carbonaria* n.sp.: DEGEER 1778: 607 (descr., South Africa), pl. 45 (fig. 9).
Vespa carbonaria DEGEER: RETZIUS 1783: 64 (syn. of *Vespa capensis*, descr.).
Vespa carbonaria DEGEER: LEPELETIER de SAINT-FARGEAU 1792: 683 (syn.).
Vespa carbonaria DEGEER: LEPELETIER de SAINT-FARGEAU 1841: 594 (syn.).
Vespa carbonaria DEGEER: de SAUSSURE 1852: 79 (syn.).
Vespa carbonaria DEGEER: MAIDL 1914b: 265 (syn.).
 **Vespa crabro microrrhaea* n.ssp.: CHRIST 1791: 218 (descr. ♀).
Vespa crabro microrrhaea CHRIST: de SAUSSURE 1852: 79 (syn.).
Vespa crabro microrrhaea CHRIST: MAIDL 1914b: 265 (? syn.).

Distribution: Angola, Benin, Burkina Faso, Cameroon, Central African Republic, Democratic Republic of Congo, Eritrea, Ethiopia, Gabon, Ghana, Ivory Coast, Kenya, Liberia, Nigeria, Republic of Congo, Republic of Guinea, Senegal, Sierra Leone, South Africa, Tanzania, Togo, Uganda.

***Synagris (Pseudagris) carinata* de SAUSSURE 1863 new combination**

- Synagris (Pseudagris) carinata* n.sp.: de SAUSSURE 1863: 203 (descr. ♂ = ♀, South Africa), pl. 2 (figs 18c, m).
Synagris carinata de SAUSSURE: de DALLA TORRE 1894: 35 (cat.).
Synagris carinata de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
Synagris (Pseudagris) carinata de SAUSSURE: MAIDL 1914b: 235 (key), 244 (tax., descr. ♀, South Africa).
Synagris (Pseudagris) carinata de SAUSSURE: BEQUAERT 1918: 318 (cat.).
Synagris (Pseudagris) carinata de SAUSSURE: BEQUAERT 1923: 446 (tax., South Africa).

Synagris (Pseudagris) carinata de SAUSSURE: von SCHULTHEB 1928b: 306 (key), 315 (tax.), 317 (tax.).

Pseudagris carinata (de SAUSSURE): GIORDANI SOIKA 1987b: 95 (tax.).

Synagris (Pseudagris) carinata de SAUSSURE: van der VECHT & CARPENTER 1990: 48 (tax.).

Pseudagris carinata (de SAUSSURE): GUSENLEITNER 1998: 190 (tax.), 195 (fig. 7.).

Synagris (Pseudagris) carinata de SAUSSURE: LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (table 2), 552 (tax.).

Pseudagris carinata (de SAUSSURE): GUSENLEITNER 2007: 83 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Synagris (Synagris) cornuta cornuta* (LINNAEUS 1758)**

Vespa cornuta n.sp.: LINNAEUS 1758: 574 (descr., India).

Vespa cornuta LINNAEUS: von LINNÉ 1764: 409 (tax., descr., India).

Vespa cornuta LINNAEUS: LINNÉ 1767: 951 (descr. ♂, India).

Apis cornuta (LINNAEUS): DRURY 1773: 88 (tax., descr. ♂, Ghana), pl. 48 (fig. 3).

Vespa cornuta LINNAEUS: MÜLLER 1775: 885 (tax., descr., India).

Vespa cornuta LINNAEUS: FABRICIUS 1775: 363 (tax., descr., Africa).

Vespa cornuta LINNAEUS: GMELIN 1777: 707 (tax., descr., South Africa).

Vespa cornuta LINNAEUS: FABRICIUS 1781: 459 (tax., descr., tropical Africa).

Vespa cornuta LINNAEUS: FABRICIUS 1787: 287 (tax., descr., tropical Africa).

Vespa cornuta LINNAEUS: GMELIN 1790: 2758 (tax., descr., tropical Africa).

Vespa cornuta LINNAEUS: OLIVIER 1792: 665 (key), 678 (tax., descr., South Africa).

Vespa crabro cornuta LINNAEUS: CHRIST 1791: 214 (tax., descr. ♀, Africa), pl.18 (fig. 2).

Vespa cornuta LINNAEUS: FABRICIUS 1793: 255 (descr., Africa).

Synagris cornuta (LINNAEUS): LATREILLE 1802: 360 (tax., typ. gen.).

Synagris cornuta (LINNAEUS): FABRICIUS 1804: 252 (tax., descr., Africa).

Synagris cornuta (LINNAEUS): LATREILLE 1805: 344 (descr., Africa).

Vespa cornuta FABRICIUS (sic): JURINE 1807: 169 (tax., cat.).

Synagris cornuta (LINNAEUS): KLUG 1808: 51 (tax.).

Synagris cornuta FABRICIUS (sic): LATREILLE 1809: 135 (tax., cat.).

Synagris cornuta FABRICIUS (sic): LATREILLE 1810: 327 (tax., cat.), 438.

Synagris cornuta (LINNAEUS): de LAMARCK 1817: 82 (cat.).

Synagris cornuta (LINNAEUS): LATREILLE 1817: 504 (cat.).

Synagris cornuta (LINNAEUS): LATREILLE et al. 1825: 510 (cat.).

Synagris cornuta (LINNAEUS): LATREILLE 1829: 336 (cat.).

Synagris cornuta (LINNAEUS): GRIFFITH & PIDGEON 1832: 575 (tax., Equatorial Guinea (Bioko), pls 106 (figs 1a-e), 107 (fig. 1)).

Synagris cornuta (LINNAEUS): DESHAYES & MILNE EDWARDS 1835: 299 (cat.).

Synagris cornuta (LATREILLE) (sic): VOIGT 1839: 493 (cat.).

Synagris cornuta (LINNAEUS): LEPELETIER de SAINT-FARGEAU 1841: 593 (descr. ♂ ♀, South Africa).

Synagris cornuta (LINNAEUS): de SAUSSURE 1852: 78 (key), 82 (tax., descr. ♂ ♀, Guinea, South Africa).

Synagris cornuta (LINNAEUS): de SAUSSURE 1853: pl. 13 (fig. 1).

Synagris cornuta (LINNAEUS): de SAUSSURE 1855: 154 (key), 155 (tax.).

Synagris cornuta (LINNAEUS): SMITH 1857: 36 (cat.), 139 (cat.).

Synagris cornuta (LINNAEUS): FAIRMAIRE 1858: 265 (Gabon).

Synagris cornuta (LINNAEUS): DESMAREST 1860: 142 (tax., Africa).

Synagris cornuta (LINNAEUS): de SAUSSURE 1863: 180 (descr. ♂ ♀, "Congo", Gabon, Ivory Coast).

Synagris cornuta (LINNAEUS): COSTA 1864: 113 (South Africa), 114 (South Africa).

Synagris cornuta (LINNAEUS): RADOSZKOVSKY 1881: 203 (Angola).

Synagris cornuta (LINNAEUS): PECHUËL-LOESCHE 1882: 291 (biol., Republic of Congo).

- Synagris cornuta* (LINNAEUS): SCHLETTERER 1891: 19 (tax., Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): de DALLA TORRE 1894: 35 (cat.).
Synagris cornuta FABRICIUS (sic): KOHL 1894: 344 (Cameroon), pl. 16 (fig. 111).
Synagris cornuta (LINNAEUS): ANDRÉ 1895: 352 (tax., biol., West Africa).
Synagris cornuta (LINNAEUS): BINGHAM 1903: 46 (Gabon).
Synagris cornuta (LINNAEUS): von DALLA TORRE 1904: 30 (cat.), pl. 3 (fig. 6 as *Synagris spinosuscula*).
Synagris cornuta (LINNAEUS): TULLGREN 1904: 446 (tax., Cameroon).
Synagris cornuta (LINNAEUS): ROUBAUD 1908: 695 (biol., Republic of Congo), 697.
Synagris cornuta (LINNAEUS): ROUBAUD 1910: 7 (biol., Republic of Congo), pl. 3 (figs 1-4), pl. 4 (figs 1, 4, 5).
Synagris cornuta (LINNAEUS): ZAVATTARI 1911: 3 (South Africa).
Synagris cornuta (LINNAEUS): SCHULZ 1912: 57 (tax.).
Synagris cornuta (LINNAEUS): von SCHULTHESS RECHBERG 1913b: 343 (Equatorial Guinea).
Synagris cornuta (LINNAEUS): von SCHULTHESS RECHBERG 1913d: 343 (Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): von SCHULTHESS RECHBERG 1914b: 291 (Cameroon).
Synagris (Synagris) cornuta cornuta (LINNAEUS): MAIDL 1914b: 222 (fig. 2), 224 (fig. 5), 225 (figs 13, 14), 227 (figs, 15, 16), 237 (key), 241 (key), 301 (cat.), 303 (tax., descr. ♂ ♀), 307 (Angola, Benin, Democratic Republic of Congo, Gabon, Ghana, Tanzania).
Synagris cornuta (LINNAEUS): SCHOUTEDEN 1916: 93 (tax., Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): ROUBAUD 1916: 3 (Ivory Coast).
Synagris cornuta (LINNAEUS): BRIDWELL 1917: 261 (tax., biol., Nigeria).
Synagris (Synagris) cornuta cornuta (LINNAEUS): BEQUAERT 1918: 198 (figs 227, 229), 203 (tax.), 204 (tax., descr. ♂ ♀), 205 (fig. 231), 206 (figs 232, 233), 207 (key), 208 (tax., Democratic Republic of Congo), 211 (biol., Democratic Republic of Congo), 213 (biol., Democratic Republic of Congo), 325 (cat.), pl. 2 (fig. 2), pl. 3.
Synagris (Synagris) cornuta (LINNAEUS): BEQUAERT 1923: 441 (Democratic Republic of Congo).
Synagris cornuta var. *cornuta* (LINNAEUS): von SCHULTHESS 1928a: 98 (Central African Republic, Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): de SCHULTHESS 1929: 187 (Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): BENOIT 1951: 319 (biol., Democratic Republic of Congo).
Synagris cornuta (LINNAEUS): BERLAND & GRASSÉ 1951: 1129 (figs 8, 9).
Synagris cornuta cornuta (LINNAEUS): BERLAND 1953: 272 (tax., Ivory Coast, Republic of Guinea).
Synagris (Synagris) cornuta cornuta (LINNAEUS): GIORDANI SOIKA 1977: 127 (Cameroon).
Synagris cornuta (LINNAEUS): DAY 1979: 60 (tax.), 79 (cat.).
Synagris (Synagris) cornuta cornuta (LINNAEUS): MEDLER 1980: 477 (cat., Nigeria).
Synagris cornuta cornuta (LINNAEUS): GIORDANI SOIKA 1989: 29 (Gabon, Ivory Coast).
Synagris cornuta cornuta (LINNAEUS): GUSENLEITNER 1992: 672 (Ivory Coast).
Synagris cornuta (LINNAEUS): van VONDEL 1995: 24 (cat., Cameroon).
Synagris (Synagris) cornuta cornuta (LINNAEUS): GUSENLEITNER 1999b: 366 (Ivory Coast).
Synagris (Synagris) cornuta (LINNAEUS): LONGAIR 2004: 530 (tax., biol., Ivory Coast), 531 (figs 1a-e), 532 (fig. 2), 536 (fig. 4, tax.), 538 (table 1), 539 (table 2), 543 (figs 7a-f), 544 (figs 7a, b), 547 (figs 9a-c), 549 (biol.).
 **Synagris sericea* n.sp.: SPINOLA 1808: 188 (descr. ♀, Africa).
Synagris sericea SPINOLA: de SAUSSURE 1855: 159 (tax.).
Synagris sericea SPINOLA: de SAUSSURE 1863: 204 (cat.).
Synagris sericea SPINOLA: de DALLA TORRE 1894: 37 (cat.).
Synagris sericea SPINOLA: von DALLA TORRE 1904: 31 (cat.).
Synagris sericea SPINOLA: MAIDL 19014b: 301 (tax.).
Synagris sericea SPINOLA: BEQUAERT 1918: 325 (syn.).

D i s t r i b u t i o n : Angola, Benin, Cameroon, Central African Republic, Democratic Republic of Congo Equatorial Guinea, Gabon, Ghana, Ivory Coast, Nigeria, Republic of Congo, Republic of Guinea, South Africa, Tanzania.

***Synagris (Synagris) cornuta basalis* MOCSÁRY 1906**

Synagris basalis n.sp.: MOCSÁRY 1906: 198 (descr. ♀, Uganda).

Synagris (Synagris) cornuta ssp. *basalis* MOCSÁRY: MAIDL 1914b: 238 (key), 242 (key), 302 (tax.), 305 (tax., descr. ♂ ♀), 308 (Democratic Republic of Congo, Kenya, Uganda).

Synagris cornuta basalis MOCSÁRY: SCHOUTEDEN 1916: 95 (tax., Democratic Republic of Congo).

Synagris (Synagris) cornuta basalis MOCSÁRY: BEQUAERT 1918: 208 (key), 209 (tax., Democratic Republic of Congo), 326 (cat), pl. 2 (fig. 5).

Synagris (Synagris) cornuta basalis MOCSÁRY: SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).

Synagris cornuta var. *basalis* MOCSÁRY: SJÖDSTEDT 1926: 3 (Democratic Republic of Congo).

**Synagris cornuta ugandae* var.nov.: MEADE-WALDO 1913: 46 (descr. ♂ ♀, Kenya, Uganda).

Synagris cornuta var. *ugandae* MEADE-WALDO: MAIDL 1914b: 302 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Kenya, Uganda.

***Synagris (Synagris) cornuta didieri* du BUYSSON 1908 new status**

Synagris didieri n.sp.: du BUYSSON 1908: 214 (descr. ♂ ♀, biol., Democratic Republic of Congo).

Synagris (Synagris) cornuta ssp. *didieri* du BUYSSON: MAIDL 1914b: 238 (key), 242 (key), 302 (tax.), 304 (tax., descr. ♂ ♀), 307 (Democratic Republic of Congo).

Synagris cornuta didieri du BUYSSON: SCHOUTEDEN 1916: 94 (tax., Democratic Republic of Congo).

Synagris (Synagris) cornuta didieri (du BUYSSON): BEQUAERT 1918: 208 (key), 209 (Democratic Republic of Congo), 326 (cat.), pl. 2 (fig. 4).

Synagris didieri du BUYSSON: VERLAINE 1923: 436 (tax., biol., Democratic Republic of Congo), pl. 4 (figs 1-8), pl. 5 (figs 9-14), pl. 6 (figs 15-18).

**Synagris cornuta* (Linnaeus) var. 3: SCHLETTERER 1891: 20 (Democratic Republic of Congo).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) cornuta flavofasciata* BEQUAERT 1918**

Synagris (Synagris) cornuta flavofasciata n.var.: BEQUAERT 1918: 198 (fig. 228), 199 (tax., biol.), 207 (key), 210 (descr. ♂ ♀, Democratic Republic of Congo), 212 (biol.), 327 (cat.), pl. 2 (fig. 7), pl. 4 (fig. 1).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) cornuta ituriensis* BEQUAERT 1918**

Synagris (Synagris) cornuta ituriensis n.var.: BEQUAERT 1918: 207 (key), 209 (descr. ♂ ♀, Democratic Republic of Congo), 327 (cat.), pl. 2 (fig. 3).

Synagris (Synagris) cornuta ituriensis BEQUAERT: MEDLER 1980: 477 (cat., Nigeria).

D i s t r i b u t i o n : Democratic Republic of Congo, Nigeria.

***Synagris (Synagris) cornuta maculata* BEQUAERT 1918**

Synagris (Synagris) cornuta maculata n.var.: BEQUAERT 1918: 207 (key), 210 (descr. ♂ ♀, Democratic Republic of Congo), 327 (cat.), pl. 2 (fig. 6).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) cornuta rufithorax* BEQUAERT 1918**

Synagris (Synagris) cornuta rufithorax n.var.: BEQUAERT 1918: 207 (key), 208 (descr. ♀, Democratic Republic of Congo), 327 (cat.), pl. 2 (fig. 1).

Synagris cornuta var. *rufithorax* BEQUAERT: von SCHULTHESS 1928a: 98 (Central African Republic, Democratic Republic of Congo).

**Synagris cornuta* (Linnaeus) var. b: de SAUSSURE 1863: 180.

**Synagris cornuta* (Linnaeus) var. 1: SCHLETTERER 1891: 20 (Democratic Republic of Congo).

D i s t r i b u t i o n : Central African Republic, Democratic Republic of Congo.

***Synagris (Synagris) cornuta similoides* new name**

Synagris (Synagris) cornuta similis n.ssp.: BEQUAERT 1918: 207 (key), 210 (descr. ♂ ♀, Democratic Republic of Congo), 327 (cat.), pl. 2 (fig. 8).

Synagris (Paragris) cornuta ssp. *similis* BEQUAERT: GIORDANI SOIKA 1955: 367 (Burundi).

D i s t r i b u t i o n : Burundi, Democratic Republic of Congo.

Synagris cornuta similis BEQUAERT 1918 is a junior homonym of *Synagris similis* MAIDL 1914.

***Synagris (Paragris) crassipes* KOHL 1894**

Synagris crassipes n.sp.: KOHL 1894: 338 (descr. ♀, Gabon), pl. 15 (fig. 90), pl. 16 (fig. 112, 113).

Synagris crassipes KOHL: de DALLA TORRE 1894: 36 (cat.).

Synagris crassipes KOHL: ANDRÉ 1895: 354 (descr. ♂, Gabon).

Synagris crassipes KOHL: von DALLA TORRE 1904: 31 (cat.).

Synagris crassipes KOHL: du BUYSSON 1910: 178 (Cameroon, Equatorial Guinea, Republic of Congo).

Synagris crassipes KOHL: von SCHULTHESS RECHBERG 1913b: 343 (Equatorial Guinea).

Synagris crassipes KOHL: von SCHULTHESS RECHBERG 1914b: 291 (Cameroon).

Synagris (Paragris) crassipes KOHL: MAIDL 1914b: 236 (key), 240 (key), 281 (tax., descr. ♂ ♀, Cameroon, Democratic Republic of Congo, Equatorial Guinea, Gabon, Uganda), 282 (fig. 19).

Synagris (Paragris) crassipes KOHL: BEQUAERT 1918: 215 (key), 217 (key), 223 (Democratic Republic of Congo), 322 (cat.).

Synagris crassipes KOHL: von SCHULTHESS 1928a: 98 (Cameroon, Central African Republic, Democratic Republic of Congo).

Synagris (Paragris) crassipes KOHL: von SCHULTHESS 1928b: 310 (key).

Synagris crassipes KOHL: BERLAND 1953: 272 (tax., Ivory Coast).

Paragris crassipes (KOHL): GIORDANI SOIKA 1987b: 154 (tax.).

Paragris crassipes (KOHL): GIORDANI SOIKA 1989: 29 (Gabon).

Synagris (Paragris) crassipes KOHL: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) crassipes KOHL: LONGAIR 2004: 533 (tax.), 538 (table 1), 539 (tax.), 540 (fig. 5e), 541 (fig. 6b).

D i s t r i b u t i o n : Cameroon, Central African Republic, Democratic Republic of Congo, Equatorial Guinea, Gabon, Ivory Coast, Republic of Congo, Uganda.

***Synagris (Paragris) elephas* ANDRÉ 1895**

Synagris elephas n.sp.: ANDRÉ 1895: 353 (descr. ♂, Sierra Leone).

Synagris elephas ANDRÉ: von DALLA TORRE 1904: 31 (cat.).

Synagris (Paragris) elephas ANDRÉ: MAIDL 1914b: 239 (tax., descr. ♂), 261 (descr. ♂, Sierra Leone).

Synagris (Paragris) elephas ANDRÉ: BEQUAERT 1918: 323 (cat.).

Paragris elephas (ANDRÉ): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) elephas ANDRÉ: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Sierra Leone.

***Synagris (Paragris) fasciata* MOCSÁRY 1903**

Synagris fasciata n.sp.: MOCSÁRY 1903: 505 (descr. ♂ ♀, Tanzania).

Synagris (Paragris) fasciata MOCSÁRY: MAIDL 1914b: 238 (key), 241 (key), 299 (tax., descr. ♂ ♀, Tanzania).

Synagris (Paragris) fasciata MOCSÁRY: BEQUAERT 1918: 323 (cat.).

Paragris fasciata (MOCSÁRY): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) fasciata MOCSÁRY: van der VECHT & CARPENTER 1990: 41 (tax.).

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

***Synagris (Synagris) fulva fulva* MOCSÁRY 1903**

Synagris fulva n.sp.: MOCSÁRY 1903: 503 (descr. ♀, Tanzania).

Synagris (Synagris) fulva fulva MOCSÁRY: MAIDL 1914b: 10 (fig. 6), 236 (key), 240 (key), 312 (tax., descr. ♂ ♀), 315 (Tanzania).

Synagris (Synagris) fulva fulva MOCSÁRY: BEQUAERT 1918: 203 (tax.), 327 (cat.).

Synagris (Synagris) fulva fulva MOCSÁRY: LONGAIR 2004: 533 (tax.), 538 (table 1), 539 (tax.), 540 (fig. 5a).

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

***Synagris (Synagris) fulva trispinosa* TULLGREN 1904**

Synagris trispinosa n.sp.: TULLGREN 1904: 447 (descr. ♂ ♀, Cameroon), pl. 24 (figs 9a-e).

Synagris trispinosa TULLGREN: du BUYSSON 1910: 178 (tax., Cameroon).

Synagris (Synagris) fulva ssp. *trispinosa* TULLGREN: MAIDL 1914b: 237 (key), 241 (key), 312 (tax., descr. ♂ ♀), 315 (Cameroon).

Synagris (Synagris) fulva ssp. *trispinosa* TULLGREN: BEQUAERT 1918: 327 (cat.).

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

***Synagris (Paragris) huberti huberti* de SAUSSURE 1855**

Synagris huberti n.sp.: de SAUSSURE 1855: 154 (key), 156 (descr. ♂, tropical Africa), pl. 8 (figs 8, 8a).

Synagris huberti de SAUSSURE: SMITH 1857: 37 (cat.).

Synagris huberti de SAUSSURE: de SAUSSURE 1863: 187 (footnote: tax.), 189 (descr. ♂, Africa).

Synagris hubertii de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).

Paragris huberti (de SAUSSURE): ASHMEAD 1902: 210 (tax., typ. gen., key).

Synagris huberti de SAUSSURE: von DALLA TORRE 1904: 31 (tax., cat.).

Synagris (Paragris) huberti huberti de SAUSSURE: MAIDL 1914b: 222 (fig. 1), 238 (key), 242 (key), 289 (tax.), 291 (tax., descr. ♂ ♀), 296 (Cameroon, Gabon, Ghana, Sierra Leone, Togo).

Synagris (Paragris) huberti de SAUSSURE: BEQUAERT 1918: 215 (key), 217 (key), 224 (key), 323 (cat.).

Synagris huberti huberti de SAUSSURE: BERLAND 1953: 272 (tax., Republic of Guinea).

Synagris (Synagris) huberti de SAUSSURE: MEDLER 1980: 477 (cat., Nigeria).

Paragris huberti huberti (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) huberti huberti de SAUSSURE: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) huberti huberti de SAUSSURE: GUSENLEITNER 1999b: 366 (Ivory Coast).

Synagris (Paragris) huberti de SAUSSURE: LONGAIR 2004: 533 (tax.), 538 (table 1), 553 (tax.).

**Synagris quadripunctata* n.sp.: TULLGREN 1904: 450 (descr. ♀, Cameroon), pl. 25 (figs 12a,b).

Synagris quadripunctata TULLGREN: MAIDL 1914b: 289 (syn.).

D i s t r i b u t i o n : Cameroon, Gabon, Ghana, Ivory Coast, Nigeria, Republic of Guinea, Sierra Leone, Togo.

***Synagris (Paragris) huberti bimaculata* MAIDL 1914**

Synagris (Paragris) huberti bimaculata n. ssp: MAIDL 1914a: 98 (descr. ♂ ♀, Democratic Republic of Congo, Uganda).

Synagris (Paragris) huberti bimaculata n. ssp: MAIDL 1914b: 238 (key), 289 (tax.), 294 (descr. ♂ ♀), 296 (Democratic Republic of Congo, Uganda).

Synagris huberti var. *bimaculata* MAIDL: SCHOUTEDEN 1916: 93 (Democratic Republic of Congo).

Synagris (Paragris) huberti bimaculata MAIDL: BEQUAERT 1918: 224 (key), 323 (cat.).

Synagris (Paragris) huberti var. *bimaculata* MAIDL: SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).

Paragris huberti bimaculata (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) huberti bimaculata MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo, Uganda.

***Synagris (Paragris) huberti clypeata* (MOCSÁRY 1903)**

Synagris clypeata n.sp.: MOCSÁRY 1903: 503 (descr. ♀, Gabon).

Synagris clypeata MOCSÁRY: du BUYSSON 1908: 213 (descr. ♀, biol., Cameroon, Gabon).

Synagris clypeata MOCSÁRY: von SCHULTHESS RECHBERG 1913b: 343 (Equatorial Guinea).

Synagris (Paragris) huberti var. *clypeata* MOCSÁRY: MAIDL 1914b: 237 (key), 241 (key), 242 (key), 289 (tax., descr. ♂ ♀), 296 (Democratic Republic of Congo, Equatorial Guinea, Gabon, Togo).

Synagris (Paragris) clypeata MOCSÁRY: BEQUAERT 1918: 224 (key), 225 (Democratic Republic of Congo), 323 (cat.).

Synagris huberti var. *clypeata* MOCSÁRY: von SCHULTHESS 1928a: 98 (Democratic Republic of Congo).

Paragris huberti clypeata (MOCSÁRY): GIORDANI SOIKA 1987b: 154 (tax.).

Paragris huberti clypeata (MOCSÁRY): GIORDANI SOIKA 1989: 29 (Gabon).

Synagris (Paragris) clypeata MOCSÁRY: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Equatorial Guinea, Gabon, Togo.

***Synagris (Paragris) huberti nigricans* MAIDL 1914**

Synagris (Paragris) huberti nigricans n.var.: MAIDL 1914a: 98 (descr. ♂ ♀, Uganda).

Synagris (Paragris) huberti nigricans n.var.: MAIDL 1914b: 238 (key), 242 (key), 289 (tax.), 293 (descr. ♂ ♀), 296 (Uganda).

Synagris (Paragris) huberti var. *nigricans* MAIDL: BEQUAERT 1918: 323 (cat.).

Paragris huberti var. *nigricans* (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) huberti nigricans MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

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

***Synagris (Pseudagris) junodiana junodiana* (de SCHULTHESS-SCHINDLER 1899) new combination**

Rhynchium junodianum n.sp.: de SCHULTHESS-SCHINDLER 1899: 273 (descr. ♂, Mozambique).

Rhynchium junodianum de SCHULTHESS-SCHINDLER: von DALLA TORRE 1904: 34 (cat.).

Odynerus (Rygchium) junodianus (de SCHULTHESS-SCHINDLER): BEQUAERT 1918: 302 (tax., cat.).

Synagris (Pseudagris) junodiana (de SCHULTHESS-SCHINDLER): von SCHULTHEB 1928b: 305 (key), 309 (key), 317 (tax., cat.).

Pseudagris junodiana junodiana (de SCHULTHESS-SCHINDLER): GIORDANI SOIKA 1987b: 154 (tax.).

Pseudagrís junodiana junodiana (de SCHULTHESS-SCHINDLER): GIORDANI SOIKA 1989: 29 (Gabon, Ivory Coast).

Synagris (Pseudagrís) junodiana (de SCHULTHESS-SCHINDLER): van der VECHT & CARPENTER 1990: 48 (tax.).

Pseudagrís junodiana junodiana (de SCHULTHESS-SCHINDLER): GUSENLEITNER 1992: 672 (tax., Ivory Coast).

Pseudagrís junodiana junodiana (de SCHULTHESS-SCHINDLER): GUSENLEITNER 2007: 83 (cat.).

**Rhynchium tessmannianum* nov.spec.: von SCHULTHESS-RECHBERG 1913a: 2 (descr. ♀, Equatorial Guinea).

Rhynchium (Rhynchium) tessmannianum nov.spec.: von SCHULTHESS RECHBERG 1913b: 344 (key), 346 (tax., descr. ♀, figs 5, 6, Equatorial Guinea).

Rhynchium (Rhynchium) tessmannianum von SCHULTHESS-RECHBERG: von SCHULTHESS RECHBERG 1914b: 292 (Cameroon).

Odynerus (Rygchium) tessmanianus (von SCHULTHESS-RECHBERG): BEQUAERT 1918: 313 (tax., cat.).

Rhynchium tessmannianum von SCHULTHESS-RECHBERG: von SCHULTHEB 1928b: 317 (syn.).

D i s t r i b u t i o n : Cameroon, Equatorial Guinea, Gabon, Ivory Coast, Mozambique.

***Synagris (Pseudagrís) junodiana rubripes* GIORDANI SOIKA 1987 new combination**

Synagris (Pseudagrís) junodiana rubripes n.ssp.: GIORDANI SOIKA 1987a: 139 (descr. ♀, Senegal).

Pseudagrís junodiana rubripes (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Pseudagrís) junodiana rubripes GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 48 (tax.).

Synagris (Pseudagrís) junodiana rubripes GIORDANI SOIKA: BORSATO & RATTI 1999: 81 (cat.).

Pseudagrís junodiana rubripes (GIORDANI SOIKA): GUSENLEITNER 2007: 83 (tax., cat.).

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

***Synagris (Paragris) kohli* MAIDL 1914**

Synagris (Paragris) kohli n.sp.: MAIDL 1914a: 98 (descr. ♂ ♀, Cameroon, Democratic Republic of Congo, Equatorial Guinea, Tanzania, Togo, Uganda).

Synagris (Paragris) kohli n.sp.: MAIDL 1914b: 236 (key), 240 (key), 259 (descr. ♂ ♀, Cameroon, Democratic Republic of Congo, Equatorial Guinea, Tanzania, Togo, Uganda).

Synagris (Paragris) kohli MAIDL: BEQUAERT 1918: 215 (key), 218 (key), 219 (tax., Democratic Republic of Congo), 323 (cat.).

Synagris kohli MAIDL: de SCHULTHESS 1929: 188 (Democratic Republic of Congo).

Paragris kohli (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) kohli MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) kohli MAIDL: LONGAIR 2004: 533 (tax.), 538 (table 1).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Equatorial Guinea, Tanzania, Togo, Uganda.

***Synagris (Paragris) maxillosa maxillosa* de SAUSSURE 1863**

Synagris maxillosa n.sp.: de SAUSSURE 1863: 196 (descr. ♀, Senegal), pl. 2 (fig. 11).

Synagris maxillosa de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).

Synagris maxillosa de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).

Synagris maxillosa de SAUSSURE: von SCHULTHESS RECHBERG 1913b: 343 (Equatorial Guinea).

Synagris (Paragris) maxillosa de SAUSSURE: MAIDL 1914b: 236 (key), 240 (key), 257 (tax., descr. ♂ ♀, Senegal (?), South Africa).

Synagris (Paragris) maxillosa de SAUSSURE: BEQUAERT 1918: 323 (cat.).

Synagris (Paragris) maxillosa maxillosa de SAUSSURE: BEQUAERT 1923: 443 (key), 444 (South Africa).

Paragris maxillosa maxillosa (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) maxillosa maxillosa de SAUSSURE: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Equatorial Guinea, Senegal (?), South Africa.

***Synagris (Paragris) maxillosa bequaerti* BRAUNS 1923**

Synagris (Paragris) maxillosa var. *bequaerti*: BRAUNS 1923 (In: BEQUAERT): 445 (descr. ♂, South Africa).

Synagris (Paragris) maxillosa var. *bequaerti* BRAUNS: BEQUAERT 1923: 443 (key), 445 (South Africa).

Paragris maxillosa bequaerti (BRAUNS): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) maxillosa bequaerti BRAUNS: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris maxillosa bequaerti BRAUNS: GESS & GESS 1994: 103 (biol., South Africa), 104 (table 4: biol., South Africa).

Synagris maxillosa bequaerti BRAUNS: GESS & GESS 2003: 87 (biol., South Africa), 372 (biol., South Africa).

D i s t r i b u t i o n : South Africa.

***Synagris (Pseudagris) meadewaldoi* MAIDL 1914 new combination**

Synagris (Pseudagris) versicolor meade-waldoi n.sp.: MAIDL 1914a: 97 (descr. ♀, Uganda).

Synagris (Pseudagris) versicolor meade-waldoi n.sp.: MAIDL 1914b: 235 (key), 244 (tax.), 245 (descr. ♀, Uganda).

Synagris (Pseudagris) versicolor var. *meadewaldoi* MAIDL: BEQUAERT 1918: 228 (key), 318 (tax., cat.).

Pseudagris meadewaldoi (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Pseudagris) versicolor meadewaldoi MAIDL: van der VECHT & CARPENTER 1990: 48 (tax.).

Pseudagris meadewaldoi (MAIDL): GUSENLEITNER 2007: 83 (tax., cat.).

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

***Synagris (Rhynchagris) mediocarinata* GIORDANI SOIKA 1944 new combination**

Synagris (Rhynchagris) mediocarinata n.sp.: GIORDANI SOIKA 1944: 175 (descr. ♂, Ethiopia).

Synagris (Rhynchagris) mediocarinata GIORDANI SOIKA: GIORDANI SOIKA 1952: 87 (Ethiopia).

Synagris mediocarinata GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Ethiopia).

Rhynchagris mediocarinata (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Rhynchagris) mediocarinata GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 48 (tax.).

Synagris (Rhynchagris) mediocarinata GIORDANI SOIKA: BORSATO & RATTI 1999: 84 (cat.).

Synagris (Rhynchagris) mediocarinata (GIORDANI SOIKA): LONGAIR 2004: 529 (tax.), 538 (table 1: tax.).

Rhynchagris mediocarinata (GIORDANI SOIKA): GUSENLEITNER 2007: 85 (tax., Mozambique, Zambia).

D i s t r i b u t i o n : Ethiopia, Mozambique, Zambia.

***Synagris (Paragris) mirabilis* GUÉRIN MENNEVILLE 1848**

Synagris mirabilis n.sp.: GUÉRIN MENNEVILLE 1848: 359 (descr. ♂, Ethiopia (= South Africa), pl. 8 (fig. 8)).

- Synagris mirabilis* GUÉRIN MENNEVILLE: REICHE 1849: 453 (Ethiopia), pl. 29 (fig. 11).
Synagris mirabilis GUÉRIN MENNEVILLE: de SAUSSURE 1852: 78 (key), 82 (tax., descr. ♂, Ethiopia).
Synagris mirabilis GUÉRIN MENNEVILLE: de SAUSSURE 1855: 154 (key).
Synagris mirabilis GUÉRIN MENNEVILLE: SMITH 1856: 128 (biol., South Africa).
Synagris mirabilis GUÉRIN MENNEVILLE: SMITH 1857: 36 (cat.), pl. 6 (fig. 2).
Synagris mirabilis GUÉRIN MENNEVILLE: de SAUSSURE 1863: 181 (descr. ♂, Ethiopia).
Synagris mirabilis GUÉRIN MENNEVILLE: DISTANT 1892: 210 (South Africa).
Synagris mirabilis GUÉRIN MENNEVILLE: de DALLA TORRE 1894: 37 (cat.).
Synagris mirabilis GUÉRIN MENNEVILLE: STADELMANN 1898: 10 (cat., Tanzania), 29 (key), 30 (key), 31 (descr. ♂ ♀, Tanzania (Tanzania, Zanzibar)).
Synagris mirabilis GUÉRIN MENNEVILLE: de SCHULTHESS-SCHINDLER 1899: 272 (tax., Mozambique).
Synagris mirabilis RÜPPEL (sic): CANNAVIELLO 1900: 297 (tax., Eritrea).
Synagris mirabilis GUÉRIN MENNEVILLE: MARSHALL 1902: 529 (biol.), 571 (Zimbabwe), pl. 22 (fig. 8).
Synagris mirabilis GUÉRIN MENNEVILLE: BINGHAM 1903: 47 (South Africa), 68 South Africa, Tanzania (Pemba).
Synagris mirabilis GUÉRIN MENNEVILLE: von DALLA TORRE 1904: 31 (cat.).
Synagris mirabilis GUÉRIN MENNEVILLE: CAMERON 1910b: 160 (South Africa).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: MAIDL 1914b: 224 (figs 11, 12), 238 (key), 242 (key), 278 (tax., descr. ♂ ♀, Malawi, Mozambique, South Africa, Tanzania (Tanzania, Zanzibar), Uganda, Zambia).
Synagris mirabilis GUÉRIN MENNEVILLE: SCHOUTEDEN 1916: 93 (Democratic Republic of Congo).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: BEQUAERT 1918: 215 (key), 217 (key), 324 (cat.).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: SCHOUTEDEN 1919: 183 (Democratic Republic of Congo).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: BEQUAERT 1923: 442 (key), 443 (key), 445 (Democratic Republic of Congo, South Africa, Zimbabwe).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: GUIGLIA 1940a: 278 (tax., Malawi, South Africa).
Synagris mirabilis GUÉRIN MENNEVILLE: GUIGLIA 1948: 177 (tax., South Africa, cat.).
Paragris mirabilis (GUÉRIN MENNEVILLE): GIORDANI SOIKA 1987b: 154 (tax.).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: van der VECHT & CARPENTER 1990: 41 (tax.).
Synagris mirabilis GUÉRIN MENNEVILLE: van VONDEL 1995: 24 (Malawi).
Synagris (Paragris) mirabilis GUÉRIN MENNEVILLE: LONGAIR 2004: 533 (tax.), 538 (table 1), 539 (tax.).
**Synagris stuhlmanni* n.sp.: STADELMANN 1898: 30 (key), 32 (descr. ♂, Tanzania).
Synagris stuhlmanni STADELMANN: MOCSÁRY 1903: 508 (tax., descr. ♀, Tanzania).
Synagris stuhlmanni STADELMANN: von DALLA TORRE 1904: 31 (cat.).
Synagris stuhlmanni STADELMANN: MAIDL 1914b: 278 (syn.).

Distribution: Democratic Republic of Congo, Eritrea, Ethiopia, Malawi, Mozambique, South Africa, Tanzania (Tanzania, Pemba, Zanzibar), Uganda, Zambia, Zimbabwe.

***Synagris (Paragris) negusi* du BUYSSON 1906**

- Synagris negusi* n.sp.: du BUYSSON 1906: 107 (descr. ♂ ♀, Kenya).
Synagris (Paragris) negussi du BUYSSON: MAIDL 1914b: 224 (figs 7, 8), 236 (key), 239 (key), 57 (tax., descr. ♂ ♀, Democratic Republic of Congo, Kenya, Mozambique, Tanzania, Uganda).
Synagris (Paragris) negusi du BUYSSON: BEQUAERT 1918: 216 (key), 217 (key), 324 (cat.).

Synagris (Paragris) negusi du BUYSSON: SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).

Synagris negussi du BUYSSON: du BUYSSON 1922: 974 (descr. ♂ ♀, Kenya), pl. Ih8 (figs 8-11).

Synagris (Paragris) negusi du BUYSSON: MEDLER 1980: 477 (cat., Nigeria).

Synagris negusi du BUYSSON: BONELLI 1973: 3 (biol., Ethiopia), 4 (fig. 1), 6 (fig. 2).

Paragris negusi (du BUYSSON): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) negusi du BUYSSON: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) negusi du BUYSSON: LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (tax.), 540 (fig. 5b).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Kenya, Mozambique, Nigeria, Tanzania, Uganda.

***Synagris (Paragris) ornatissima* MAIDL 1914**

Synagris (Paragris) ornatissima n.sp.: MAIDL 1914a: 98 (descr. ♀, Democratic Republic of Congo).

Synagris (Paragris) ornatissima n.sp.: MAIDL 1914b: 238 (key), 297 (descr. ♀, Democratic Republic of Congo).

Synagris (Paragris) ornatissima MAIDL: BEQUAERT 1918: 214 (key), 324 (cat.).

Paragris ornatissima (MAIDL): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) ornatissima MAIDL: van der VECHT & CARPENTER 1990: 41 (tax.).

Synagris (Paragris) ornatissima MAIDL: GUSENLEITNER 1999b: 366 (Ivory Coast).

D i s t r i b u t i o n : Democratic Republic of Congo, Ivory Coast.

***Synagris (Paragris) parvula* von SCHULTHESS 1928**

Synagris (Paragris) parvula nov.spec.: von SCHULTHESS 1928b: 310 (key), 317 (descr. ♂ ♀, Democratic Republic of Congo), 318 (fig. 4).

Paragris parvula (von SCHULTHESS): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) parvula von SCHULTHESS: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) proserpina proserpina* GRIBODO 1892**

Synagris proserpina n.sp.: GRIBODO 1892: 265 (descr. ♂, Tanzania).

Synagris proserpina GRIBODO: de DALLA TORRE 1894: 37 (cat.).

Synagris proserpina GRIBODO: STADELMANN 1898: 10 (cat., Tanzania), 29 (key), 30 (key, tax., descr. ♂ ♀, Tanzania).

Synagris proserpina GRIBODO: von DALLA TORRE 1904: 31 (cat.).

Synagris (Synagris) proserpina proserpina GRIBODO: MAIDL 1914b: 237 (key), 241 (key), 309 (cat., tax., descr. ♂ ♀), 311 (Tanzania).

Synagris (Synagris) proserpina proserpina GRIBODO: BEQUAERT 1918: 203 (tax.), 204 (tax.), 327 (cat.).

Synagris (Synagris) proserpina proserpina GRIBODO: BEQUAERT 1923: 441 (tax.).

Synagris (Synagris) proserpina proserpina GRIBODO: LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (table 2).

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

***Synagris (Synagris) proserpina niassae* STADELMANN 1898**

Synagris niassae n.sp.: STADELMANN 1898: 10 (cat., Tanzania), 30 (key as *Synagris nyassae*), 31 (descr. ♂, Nyassa-See), pl. 4 (fig. 10).

Synagris nyassae (sic) STADELMANN: MOCSÁRY 1903: 507 (descr. ♀, Lacus Nyassae).

Synagris niassae STADELMANN: von DALLA TORRE 1904: 31 (cat.).

Synagris (Synagris) proserpina ssp. *niassae* STADELMANN: MAIDL 1914b: 237 (key), 241 (key), 309 (tax.), 310 (tax., descr. ♂ ♀), 312 (Democratic Republic of Congo, Tanzania, Zambia).

Synagris proserpina var. *niassae* STADELMANN: SCHOUTEDEN 1916: 96 (Democratic Republic of Congo).

Synagris (Synagris) proserpina var. *nyassae* (sic) STADELMANN: BEQUAERT 1918: 204 (tax.), 327 (cat.).

Synagris (Synagris) proserpina var. *niassae* STADELMANN: SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).

Synagris (Synagris) proserpina var. *nyassae* (sic) STADELMANN: BEQUAERT 1923: 441 (tax., Democratic Republic of Congo, Tanzania, Zambia).

**Synagris flavomaculata* n.sp.: MEADE-WALDO 1911: 454 (descr. ♂ ♀, Democratic Republic of Congo, Tanzania, Zambia).

Synagris flavomaculata MEADE-WALDO: MAIDL 1914b: 309 (syn.).

D i s t r i b u t i o n : Democratic Republic of Congo, Tanzania, Zambia.

***Synagris (Pseudagris) pygmaea* (GUSENLEITNER 1998) new combination**

Pseudagris pygmaea nova spec.: GUSENLEITNER 1998: 189 (descr. ♂, Ethiopia), 193 (figs 6, 8).

Synagris (Pseudagris) pygmaea (GUSENLEITNER): LONGAIR 2004: 529 (tax.), 538 (table 1: tax.).

Pseudagris pygmaea GUSENLEITNER: GUSENLEITNER 2007: 83 (tax., cat.).

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

***Synagris (Paragris) rufopicta rufopicta* TULLGREN 1904**

Synagris rufopicta n.sp.: TULLGREN 1904: 448 (descr. ♀, Cameroon), pl. 24 (figs 10a, b).

Synagris rufopicta TULLGREN: MAIDL 1914b: 289 (syn. of *Synagris huberti* var. *clypeata*).

Synagris (Paragris) rufopicta TULLGREN: BEQUAERT 1918: 214 (key), 216 (key), 225 (tax., descr. ♂ ♀, figs 234-236, Democratic Republic of Congo), 324 (cat.).

Synagris rufopictus TULLGREN: BERLAND 1953: 272 (tax., Republic of Guinea).

Paragris rufopicta rufopicta (TULLGREN): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) rufopicta rufopicta TULLGREN: van der VECHT & CARPENTER 1990: 41 (tax.).

**Synagris imitator* n.sp.: du BUYSSON 1908: 213 (descr. ♀, Equatorial Guinea).

Synagris imitatrix (sic) du BUYSSON: du BUYSSON 1910: 179 (descr. ♀, Cameroon).

Synagris imitator du BUYSSON: MAIDL 1914b: 289 (syn. of *Synagris huberti* var. *clypeata*).

Synagris imitator du BUYSSON: BEQUAERT 1918: 225 (syn.).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Equatorial Guinea, Republic of Guinea.

***Synagris (Paragris) rufopicta mimetica* BEQUAERT 1918**

Synagris (Paragris) rufopicta mimetica n.var.: BEQUAERT 1918: 226 (descr. ♀, Democratic Republic of Congo), 324 (cat.).

Paragris rufopicta mimetica (BEQUAERT): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Paragris) rufopicta mimetica BEQUAERT: van der VECHT & CARPENTER 1990: 41 (tax.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) similis similis* MAIDL 1914**

Synagris similis similis n.sp.: MAIDL 1914a: 98 (descr. ♂ ♀, Democratic Republic of Congo).

Synagris similis similis n.sp.: MAIDL 1914b: 237 (key), 240 (key), 308 (descr. ♂ ♀).

Synagris (Synagris) similis similis MAIDL: BEQUAERT 1918: 203 (tax.), 204 (tax.), 327 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Synagris) similis maculata* MAIDL 1914**

Synagris similis maculata n.var.: MAIDL 1914a: 98 (descr. ♂ ♀, Democratic Republic of Congo).

Synagris similis maculata n.var.: MAIDL 1914b: 238 (key), 242 (key), 308 (descr. ♂ ♀).

Synagris (Synagris) similis var. *maculata* MAIDL: BEQUAERT 1918: 327 (tax., cat.).

D i s t r i b u t i o n : Democratic Republic of Congo.

***Synagris (Paragris) spiniventris* (ILLIGER 1802)**

Vespa spiniventris n.sp.: ILLIGER 1802: 190 (descr. ♀ = ♂, Sierra Leone).

Synagris (Paragris) spiniventris (ILLIGER): MAIDL 1914b: 236 (key), 240 (key), 261 (tax., descr. ♂ ♀, Benin, Cameroon, Gambia, Ghana, Guinea Bissau, Kenya, Nigeria, Senegal, Sierra Leone, Togo, Uganda, Zimbabwe).

Synagris spiniventris (ILLIGER): LAMBORN 1914: 204 (biol., Nigeria).

Synagris spiniventris (ILLIGER): SCHOUTEDEN 1916: 92 (Democratic Republic of Congo).

Synagris (Paragris) spiniventris (ILLIGER): BEQUAERT 1918: 216 (key), 218 (key), 219 (tax., biol., Democratic Republic of Congo), 324 (cat.).

Synagris (Paragris) spiniventris (ILLIGER): SCHOUTEDEN 1919: 182 (Democratic Republic of Congo).

Synagris spiniventris (ILLIGER): BEQUAERT 1938: 7 (Democratic Republic of Congo), 10 (cat.).

Synagris spiniventris ILLIGER: BERLAND 1953: 272 (tax., Ivory Coast, Republic of Guinea).

Synagris (Paragris) spiniventris (ILLIGER): GIORDANI SOIKA 1955: 367 (Burundi, Rwanda).

Synagris (Synagris) spiniventris (ILLIGER): MEDLER 1980: 477 (cat., Nigeria).

Paragris spiniventris (ILLIGER): GIORDANI SOIKA 1987b: 154 (tax.).

Paragris spiniventris (ILLIGER): GIORDANI SOIKA 1989: 29 (Burkina Faso, Cameroon, Nigeria, Togo).

Synagris (Paragris) spiniventris (ILLIGER): van der VECHT & CARPENTER 1990: 41 (tax.).

Paragris spiniventris (ILLIGER): GUSENLEITNER 1992: 672 (Ghana, Ivory Coast, Mali).

Synagris (Paragris) spiniventris (ILLIGER): GUSENLEITNER 2000: 918 (tax., Gambia).

Synagris (Paragris) spiniventris (ILLIGER): LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (tax., table 2), 553 (tax.).

Synagris spiniventris (ILLIGER): GUSENLEITNER 2005a: 411 (Burkina Faso).

**Synagris aequatorialis* n.sp.: de SAUSSURE 1852: 79 (key), 81 (descr. ♂, Senegal).

Synagris aequatorialis n.sp.: de SAUSSURE 1853: pl. 13 (fig. 4).

Synagris aequatorialis de SAUSSURE: de SAUSSURE 1855: 154 (key).

Synagris aequatorialis de SAUSSURE: SMITH 1857: 36 (cat.).

Synagris aequatorialis de SAUSSURE: de SAUSSURE 1863: 183 (descr. ♂, Senegal), pl. 2 (figs 2c, m).

Synagris aequatorialis de SAUSSURE?: de SAUSSURE 1863: 198 (descr. ♂, Guinea Bissau).

Synagris aequatorialis de SAUSSURE: de DALLA TORRE 1894: 34 (cat.).

Antagris aequatorialis (de SAUSSURE): ASHMEAD 1902: 210 (tax., typ. gen., key).

Synagris aequatorialis de SAUSSURE: von DALLA TORRE 1904: 30 (tax., cat.).

Synagris aequatorialis de SAUSSURE: MAIDL 1914b: 47 (syn.).

**Synagris affinis* n.sp.: de SAUSSURE 1863: 186 (descr. ♀, Eritrea, Guinea Bissau), pl. 2 (figs 5c, v).

Synagris affinis de SAUSSURE: KOHL 1893: 189 (Tanzania).

Synagris affinis de SAUSSURE: de DALLA TORRE 1894: 34 (cat.).

- Synagris affinis* de SAUSSURE: STADELMANN 1898: 10 (cat., Tanzania), 32 (Tanzania).
Synagris affinis de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
Synagris affinis de SAUSSURE: von SCHULTHESS 1913c: 14 (Tanzania).
Synagris affinis de SAUSSURE: MAIDL 1914b: 47 (syn.).
 **Synagris calida* (LINNAEUS): REICHE 1849: 452 (tax., Ethiopia), pl. 29 (figs 7, 8).
Synagris calida (FABRICIUS): de SAUSSURE 1852: 79 (key, tax., descr. ♂ ♀, Senegal), pl. 5 (figs 2a, b, c).
Synagris calida (FABRICIUS): de SAUSSURE 1853: pl. 13 (figs 2, 2a-c).
Synagris calida (LINNAEUS): de SAUSSURE 1855: 154 (key), 155 (tax.).
Synagris calida (LINNAEUS): de SAUSSURE 1863: 181 (tax., descr. ♂ ♀, Eritrea, Senegal).
Synagris calida (LINNAEUS): LUCAS 1878: 156 (biol., Tanzania).
Synagris calida (LINNAEUS): MAINDRON 1879: (biol., Senegal). **not seen**
Synagris calida (LINNAEUS): ROUBAUD 1908: 695 (biol., Republic of Congo).
Synagris calida (LINNAEUS): ROUBAUD 1910: 2 (biol., Republic of Congo), pl. 1 (figs 2, 4).
Synagris calida (LINNAEUS): ROUBAUD 1916: 3 (biol., Benin, Mali), 5 (figs 1, 3, 5).
 **Synagris capitata* n.sp.: de SAUSSURE 1863: 189 (descr. ♂, Senegal).
Synagris capitata de SAUSSURE: de DALLA TORRE 1894: 35 (cat.).
Synagris capitata de SAUSSURE: von DALLA TORRE 1904: 30 (cat.).
Synagris capitata de SAUSSURE: MAIDL 1914b: 47 (syn.).
 **Synagris dentata* n.sp.: de SAUSSURE 1852: 79 (key), 80 (descr. ♂ ♀, Senegal).
Synagris dentata n.sp.: de SAUSSURE 1853: pl. 13 (figs 3, 3a).
Synagris dentata de SAUSSURE: de SAUSSURE 1855: 154 (key).
Synagris dentata de SAUSSURE: SMITH 1857: 35 (cat.), 139 (cat.).
Synagris dentata de SAUSSURE: de SAUSSURE 1863: 197 (descr. ♂, Guinea Bissau, pl. 2 (figs 12c, m)).
Synagris dentata de SAUSSURE: RADOSZKOVSKY 1881: 203 (Angola).
Synagris dentata de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).
Synagris dentata de SAUSSURE: KIRBY 1896: 266 (Gabon).
Synagris dentata de SAUSSURE: BINGHAM 1903: 68 (without locality).
Synagris dentata de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris dentata de SAUSSURE: MAIDL 1914b: 47 (syn.).
 **Synagris ferox* n.sp.: de SAUSSURE 1863: 201 (descr. ♀, Senegal).
Synagris ferox de SAUSSURE: de DALLA TORRE 1894: 36 (cat.).
Synagris ferox de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
Synagris ferox de SAUSSURE: MAIDL 1914b: 47 (syn.).
 **Synagris* sp.: MAINDRON 1882: 174 (foot note: biol., Senegal).

D i s t r i b u t i o n : Angola, Benin, Burkina Faso, Burundi, Cameroon, Democratic Republic of Congo, Eritrea, Gabon, Gambia, Ghana, Guinea Bissau, Ivory Coast, Kenya, Mali, Nigeria, Republic of Congo, Republic of Guinea, Rwanda, Senegal, Sierra Leone, Tanzania, Togo, Uganda, Zimbabwe.

Known from the Palearctic Region.

***Synagris (Paragris) spinosuscula* de SAUSSURE 1852**

- Synagris spinosuscula* n.sp.: de SAUSSURE 1852: 79 (key), 85 (descr. ♂ ♀, Ethiopia).
Synagris spinosuscula n.sp.: de SAUSSURE 1853: pl. 13 (figs 6, 6a).
Synagris spinosuscula de SAUSSURE: de SAUSSURE 1855: 154 (key).
Synagris spinosuscula de SAUSSURE: SMITH 1857: 37 (cat.).
Synagris spinosuscula de SAUSSURE: de SAUSSURE 1863: 189 (tax., descr. ♂, Ethiopia), pl. 2 (figs 6c, m).
Synagris spinosuscula de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).
Synagris spinosuscula de SAUSSURE: von DALLA TORRE 1904: 31 (cat.), pl. 3 (fig. 6: as *cornuta*).

- Synagris (Paragris) spinosuscula* de SAUSSURE: MAIDL 1914b: 224 (fig. 4), 236 (key), 239 (key), 269 (tax., descr. ♂ ♀, Eritrea, Ethiopia, Kenya).
- Synagris (Paragris) spinosuscula* de SAUSSURE: BEQUAERT 1918: 325 (cat.).
- Synagris spinosuscula* de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 120 (Ethiopia).
- Synagris spinosuscula* de SAUSSURE: GUIGLIA 1939b: 87 (Ethiopia).
- Synagris spinosuscula* de SAUSSURE: GUIGLIA 1939c: 51 (Ethiopia).
- Synagris (Pseudagris) spinosiuscula* (sic) de SAUSSURE: GIORDANI SOIKA 1982: 202 (Ethiopia).
- Paragris spinosuscula* (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (tax.).
- Synagris (Paragris) spinosuscula* de SAUSSURE: van der VECHT & CARPENTER 1990: 41 (tax.).
- Synagris (Paragris) spinosuscula* de SAUSSURE: LONGAIR 2004: 533 (tax.), 538 (table 1).
- **Synagris ruppelliana* n.sp.: de SAUSSURE 1863: 179 (fig. as *Synagris rüppelliana*), 201 (descr. ♀, Ethiopia), pl. 2 (fig. 16c).
- Synagris ruppelliana* de SAUSSURE: GRIBODO 1881: 240 (tax., descr. ♀, Ethiopia), 269 (cat.).
- Synagris ruppelliana* de SAUSSURE: de DALLA TORRE 1894: 37 (cat.).
- Synagris ruppelliana* de SAUSSURE: von DALLA TORRE 1904: 31 (cat.).
- Synagris ruppelliana* de SAUSSURE: MAIDL 1914b: 269 (syn.).

D i s t r i b u t i o n : Eritrea, Ethiopia, Kenya.

Known from the Palearctic Region.

***Synagris (Paragris) stridens* GIORDANI SOIKA 1987**

- Synagris (Paragris) stridens* n.sp.: GIORDANI SOIKA 1987a: 138 (descr. ♀, Zambia).
- Paragris stridens* (GIORDANI SOIKA): GIORDANI SOIKA 1987b: 154 (tax.).
- Synagris (Paragris) stridens* GIORDANI SOIKA: van der VECHT & CARPENTER 1990: 41 (tax.).
- Synagris (Paragris) stridens* GIORDANI SOIKA: BORSATO & RATTI 1999: 96 (cat.).

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

***Synagris (Pseudagris) versicolor* von SCHULTHESS-RECHBERG 1914 new combination**

- Synagris (Pseudagris) versicolor* nov.spec.: von SCHULTHESS-RECHBERG 1914a: 4 (descr. ♀, Cameroon, Sierra Leone, Togo).
- Synagris (Pseudagris) versicolor* nov.spec.: von SCHULTHESS RECHBERG 1914b: 291 (descr. ♀, Cameroon, Sierra Leone, Togo).
- Synagris versicolor versicolor* von SCHULTHESS-RECHBERG: MAIDL 1914b: 235 (key), 244 (tax., descr. ♀), 245 (Cameroon, Equatorial Guinea (Bioko), Sierra Leone, Togo).
- Synagris (Pseudagris) versicolor versicolor* von SCHULTHESS-RECHBERG: BEQUAERT 1918: 228 (key, tax., Democratic Republic of Congo), 318 (cat.).
- Synagris (Pseudagris) versicolor* von SCHULTHESS-RECHBERG: von SCHULTHESS 1928b: 306 (key), 317 (tax.).
- Synagris (Pseudagris) versicolor versicolor* von SCHULTHESS-RECHBERG: GIORDANI SOIKA 1977: 127 (Cameroon).
- Pseudagris versicolor* (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1987b: 154 (tax.).
- Synagris (Pseudagris) versicolor* von SCHULTHESS-RECHBERG: van der VECHT & CARPENTER 1990: 48 (tax.).
- Pseudagris versicolor* (von SCHULTHESS-RECHBERG): GUSENLEITNER 2007: 83 (tax., cat.).

D i s t r i b u t i o n : Cameroon, Democratic Republic of Congo, Equatorial Guinea (Bioko), Sierra Leone, Togo.

***Synagris (Rhynchagris) vicaria vicaria* STADELMANN 1898**

Synagris vicaria n.sp.: STADELMANN 1898: 10 (cat., Tanzania), 29 (key), 32 (descr. ♀, Tanzania).

Synagris vicaria STADELMANN: von DALLA TORRE 1904: 31 (cat.).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: MAIDL 1914b: 222 (fig. 3), 227 (fig. 18), 235 (key), 239 (key), 248 (tax., descr. ♂ ♀), 251 (Democratic Republic of Congo, Malawi, Tanzania, Zambia).

Synagris vicaria STADELMANN: SCHOUTEDEN 1916: 91 (Democratic Republic of Congo).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: BEQUAERT 1918: 227 (tax., Democratic Republic of Congo), 318 (cat.).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: BEQUAERT 1923: 446 (tax., Zambia).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: von SCHULTHEB 1928b: 307 (key), 317 (tax., fig. 3).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: GIORDANI SOIKA 1935: 12 (Mozambique).

Rhynchagris vicaria vicaria (STADELMANN): GIORDANI SOIKA 1987b: 154 (tax.).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: van der VECHT & CARPENTER 1990: 48 (tax.).

Synagris (Rhynchagris) vicaria vicaria STADELMANN: LONGAIR 2004: 533 (tax.), 537 (tax.), 538 (table 1), 539 (table 2), 553 (tax.).

**Rhynchium hoploides* n.sp.: von SCHULTHEB 1923a: 1 (descr. ♂ ♀, Democratic Republic of Congo, Zambia).

Rhynchium hoploides von SCHULTHEB: von SCHULTHEB 1928b: 317 (syn).

D i s t r i b u t i o n : Democratic Republic of Congo, Malawi, Mozambique, Tanzania, Zambia.

***Synagris (Rhynchagris) vicaria luteopicta* MAIDL 1914**

Synagris vicaria luteopicta n.ssp.: MAIDL 1914a: 97 (descr. ♂ ♀, 251 (Kenya, Tanzania, Uganda).

Synagris (Rhynchagris) vicaria luteopicta n.ssp.: MAIDL 1914b: 235 (key), 239 (key), 248 (tax.), 249 (descr. ♂ ♀), 251 (Kenya, Tanzania, Uganda).

Synagris (Rhynchagris) vicaria luteopicta MAIDL: BEQUAERT 1918: 227 (tax.), 319 (cat.).

Synagris (Rhynchagris) vicaria var. *luteopicta* MAIDL: BEQUAERT 1923: 446 (tax.).

Synagris vicaria var. *luteopicta* MAIDL: von SCHULTHESS 1928a: 98 (Central African Republic).

Rhynchium synagroides subsp. *luteopicta* (MAIDL): von SCHULTHEB 1928b: 310 (key), 315 (tax.).

Rhynchagris vicaria luteopicta (MAIDL): GIORDANI SOIKA 1987b: 154 (tax., Gambia).

Synagris (Rhynchagris) vicaria luteopicta MAIDL: van der VECHT & CARPENTER 1990: 48 (tax.).

D i s t r i b u t i o n : Central African Republic, Gambia, Kenya, Tanzania, Uganda.

***Synagris (Rhynchagris) zebra* (GUSENLEITNER 2000)**

Rhynchagris zebra nova spec.: GUSENLEITNER 2000: 918 (descr. ♂ ♀, Gambia), 921 (figs 1, 2).

Synagris (Rhynchagris) zebra GUSENLEITNER: LONGAIR 2004: 529 (tax.), 538 (table 1: tax.).

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

References

ANDRÉ E. (1895): Sur quelques Vespides africains nouveaux on peu connus. — Revue d'Entomologie **14**: 352-356.

ASHMEAD W. (1902): Classification of the fossorial, predaceous and parasitic wasps, or the superfamily Vespoidea 7. — Canadian Entomologist **34** (8): 203-210.

BENOIT P.L.G. (1951): Les genres *Oneillela* CAM. et *Osprynchotus* SPIN. (Hym.-Ichneum.) au Congo Belge. — Revue de Zoologie et de Botanique Africaines **54** (4): 313-320.

- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — *Annals and Magazine of Natural History*, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BEQUAERT J. (1923): The South and Central African Species of the Genus *Synagris* LATREILLE (Hymenoptera). — *Annals of the South African Museum* **19** (2): 439-448.
- BEQUAERT J. (1938): Vespides Solitaires et Sociaux. — In: *Exploration du Parc National Albert. Mission G.F. DE WITTE (1933-1935)* **11**: 10 pp.
- BERLAND L. (1925): Hyménoptères. Fossores et Mellifera. — In: *Angola et Rhodesia (1912-1914). Mission ROHAN-CHABOT sous les auspices du Ministère de l'Instruction Publique et de la Société de Géographie* **4** (3): 147-158.
- BERLAND L. (1953): Hyménoptères vespiformes. — *Mémoires de l'Institut Française d'Afrique Noire* **19** (La Réserve Naturelle Intégrale du Mt. Nimba): 271-276.
- BERLAND L. & P.-P. GRASSÉ (1951): Super-Famille des Vespoidea ASHMEAD (Diploptères ou Guêpes). — In: GRASSÉ P.-P. (ed.), *Traité de Zoologie. Anatomie, Biologie, Systematique. Tome X: Insectes Supérieurs et Hémiptéroïdes (Fascicule II)*: 1127-1174.
- BINGHAM C.T. (1903): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — *Annals and Magazine of Natural History*, 7. series, **12** (67): 46-69.
- BONELLI B. (1973): Osservazioni eto-ecologiche sugli Imenotteri aculeati dell'Etiopia. IV. *Synagris negusi* BUYSS. (Hymenoptera-Eumenidae). — *Bollettino dell'Istituto Entomologia della Università degli Studi di Bologna* **32**: 1-9.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- BRIDWELL J.C. (1917): Notes on *Synagris*. — *Proceedings of the Hawaiian Entomological Society* **3** (4): 261.
- BUYSSON R. du (1906): Hyménoptères nouveaux. — *Revue d'Entomologie* **25**: 103-112.
- BUYSSON R. du (1908): Hyménoptères nouveaux. — *Revue d'Entomologie* **27**: 207-219.
- BUYSSON R. du (1910): Hyménoptères nouveaux ou peu connus. — *Revue d'Entomologie* **28**: 172-179.
- BUYSSON R. du (1922): Vespides, Euménides, Masarides, Chrysidides, Scoliides. — In: *Voyage de M. Le Baron Maurice de ROTHSCHILD en Éthiopie et en Afrique Orientale Anglaise (1904-1905). Résultats Scientifiques. Animaux Articles* **2**: 964-982, pls lh3, 5, 8.
- CAMERON P. (1905): On the Hymenoptera of the Albany Museum, Grahamstown, South Africa (Second paper). — *Records of the Albany Museum* **1** (4): 185-244.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT* **2**: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* **2** (3): 116-167.
- CANNAVIELLO E. (1900): Contributo alla Fauna Entomologica della colonia Eritrea. — *Bollettino della Società Entomologica Italiana* **32**: 289-308.
- CHRIST I.L. (1791): *Natugeschichte, Klassifikation und Nomenclatur der Insekten vom Bienen, Wespen und Ameisengeschlecht*. — Frankfurt am Main (Hermannische Buchhandlung): 535 pp., 60 pls.
- COSTA A. (1864): Specie immesse per effetto di dono o cambii. — *Annuario del Museo Zoologico della R. Università di Napoli* **2**: 94-118.

- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera)*. — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): *Hymenoptera Fam. Vespidae*. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- DAY M.C. (1979): The species of Hymenoptera described by LINNAEUS in the genera *Sphex*, *Chrysis*, *Vespa*, *Apis* and *Mutilla*. — *Biological Journal of the Linnean Society* **12** (1): 45-84.
- DEGEER C. (1778): *Memoires pour servir a l'Histoire des Insects*. — Stockholm (P. HESSELBERG): III-XII, 950 pp, 49 pls.
- DESHAYES G.P. & E. MILNE EDWARDS (1835): *Histoire Naturelle des Animaux sans Vertébrés Tome 4*. — Paris (J.B. BAILLIÈRE): 787 pp.
- DESMAREST E. (1860): *Annelés*. — In: CHENU J.-C. (ed.), *Encyclopédie d'histoire naturelle ou traité complet de cette science d'après les travaux des naturalistes les plus éminents de tous les pays et de toutes les époques*. — Paris (MARESCO et Compagnie & Gustave HAVARD): 312 pp.
- DISTANT W.L. (1892): *A Naturalist in the Transvaal*. — London (R.H. PORTER): I-XVI, 277 pp.
- DRURY D. (1773): *Illustrations of Natural History II: London 1773*: 92pp., 50 pls.
- FABRICIUS J.C. (1775): *Systema Entomologiae*. — Flensburg und Leipzig (KORTI): 832 pp.
- FABRICIUS J.C. (1781): *Species Insectorum I*. — Hamburg und Kiel (C.E.K BOHNI): 552 pp.
- FABRICIUS J.C. (1787): *Matissa Insectorum. I*. — Kiel (C.G. PROFT): 348 pp.
- FABRICIUS J.C. (1793): *Entomologia Systematica emendata et aucta. 2*. — Kiel (C.G. PROFT): 519 pp.
- FABRICIUS J.C. (1804): *Systema Piezatorum*. — Braunschweig (K. REICHARD): III-XIV, 440 pp., 1-30.
- FAIRMAIRE L. (1858): *IV. Ordre Hyménoptères*. — In: THOMSON J. (ed.), *Archives Entomologiques 2 (Voyage au Gabon)*: 263-267.
- FOX W. (1896): *The Hymenoptera collected by Dr. A. Donaldson SMITH in Northeast Africa*. — *Proceedings of the Academy of Natural Sciences of Philadelphia* **1896**: 547-559.
- GERSTÄCKER A. (1858): *Übersicht der von von PETERS in Mossambique gesammelten Hymenopteren aus den Familien der Apiarien und Vespiaren*. — *Monatsberichte der Königlichen Preussischen Akademie der Wissenschaften zu Berlin* **1857**: 460-464.
- GERSTAECKER A. (1862): *Hymenoptera. Hautflügler*. — In: PETERS W.C., *Naturwissenschaftliche Reise nach Mossambique auf Befehl seiner Majestät des Königs FRIEDRICH WILHELM IV in den Jahren 1842 bis 1848 ausgeführt von Wilhelm C.H. PETERS. Zoologie V. Insecten und Myriopoden*. — Berlin (G. REIMER): 439-526, pl. 19-32.
- GERSTAECKER A. (1871): *Beitrag zur Insektenfauna von Zanzibar*. — *Archiv für Naturgeschichte* **37** (1): 345-363.
- GERSTAECKER A. (1873): *Insecta. Hymenoptera*. — In: PLEES A. von (ed.), *Baron Carl Claus von der DECKEN's Reisen in Ost-Afrika. 3: Wissenschaftliche Ergebnisse. 2. Gliederthiere (Insekten, Arachniden, Myriopoden und Isopoden)*: 313-362, pls 13, 14.
- GESS F.W. (1981): *Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa*. — *Annals of the Cape Provincial Museums (Natural History)* **14** (1): 1-80.
- GESS S.K. & F.W. GESS (1994): *Potential pollinators of the Cape Group of Crotalariaeae (sensu POLHILL) (Fabales: Papilionaceae), with implications for seed production in cultivated rooibos tea*. — *African Entomology* **2** (2): 97-106.

- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — Memórias e Estudos do Museu Zoológico da Universidade Coimbra, sér I, **82**: 18 pp.
- GIORDANI SOIKA A. (1937): Monografia degli *Odynerus* etiopici, parte seconda. — Annali del Museo Civico di Storia Naturale di Genova **59**: 297-362.
- GIORDANI SOIKA A. (1940): Missione Ittiologica in A.O.I. (1937-38). Hymenoptera: Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (18): 283-286.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — Atti dell'Istituto Veneto di Scienze, Lettere et Arti, **103** (2): 149-178.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie, **36**: 362-367.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — Steenstrupia **4** (8): 125-129.
- GIORDANI SOIKA A. (1982): Eumenidi raccolti dal Prof. BONELLI in Etiopia. — Bollettino del Museo Civico di Storia Naturale di Venezia **32**: 201-203.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — Bollettino del Museo Civico di Storia Naturale di Venezia **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — Bollettino del Museo Civico di Storia Naturale di Venezia **37**: 151-156.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GMELIN F. (1777): Onomatologia Historiae Naturalis Completa **7**: 930 pp.
- GMELIN F. (1790): Caroli a LINNÉ systema naturae **1** (5): 2225-3019.
- GRIBODO G. (1881): Spedizione Italiana nell'Africana equatoriale. Risultati zoologici. Imenotteri. — Annali del Museo Civico di Storia Naturale di Genova **16**: 226-269.
- GRIBODO G. (1884): Spedizione Italiana nell'Africa Equatoriale, risultati Zoologico imenotteri. — Annali del Museo Civico di Storia Naturale di Genova **21**: 277-323.
- GRIBODO G. (1892): Contribuzioni imenoterologiche sopra alcune specie nuove o poco conosciute di imenotteri diplotteri nota IV. — Bullettino della Società Entomologica Italiana **23**: 242-300.
- GRIBODO G. (1895): Seconda contribuzione alla conoscenza della fauna Imenoterologica del Mozambico. — Memorie della R.Accademia delle Scienze dell'Istituto di Bologna, serie 5, **5**: 77-120.

- GRIFFITH E. & E. PIDGEON (1832): The class Insecta arranged by the Baron CUVIER with supplementary additions to each order and notices of new genera and species by George GRAY. Volume II — London (WHITTAKER, TREACHER, and Co): 796 pp, pls 62-140.
- GUEINZIUS M. (1858): On the Habits of the Hymenoptera of Natal. — Proceedings of the Entomological Society of London **1857**: 9-11.
- GUÉRIN-MÉNEVILLE F.E. (1829-1844): Iconographie du règne animal de G. CUVIER. Tome I-III. — Paris, London (J.B. BAILLIÈRE).
- GUÉRIN-MENNEVILLE (1848): Insectes. — In: MINISTRE de la MARINE (ed.): Voyage en Abyssinie exécutée pendant les années 1839, 1840, 1841, 1842, 1843 par une commission scientifique composée de MM. Théophile LEFEBVRE, Lieutenant de vaisseau, Chevalier de la Légion d'honneur, A. PETIT et QUARTIN-DILLON, Docteurs-Medecins, Naturalistes du Muséum, VIGNAUD, dessinateur. 4. Histoire Naturelle. — Zoologie **6**: 242-398.
- GUIGLIA D. (1928): Di alcune specie d'Imenotteri raccolte dal Prof. Dott. PAOLI nella Somalia Italiana (1926). — Annali del Museo Civico di Storia Naturale di Genova **52**: 487-502.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. — Memorie della Società Entomologica Italiana **10**: 118-136.
- GUIGLIA D. (1938): Spedizione Zoologica del Marchese Saverio PATRIZI nel Basso Giuba e nell'Oltregiuba, Guigno-Agosto 1934. Imenotteri aculeati. — Annali del Museo Civico di Storia Naturale di Genova **58**: 182-188.
- GUIGLIA D. (1939a): Imenotteri aculeati raccolti in Eritrea e in Etiopia dal Ten. Colon. Dr. Giorgio INVREA. — Memorie della Società Entomologica Italiana **17**: 188-204.
- GUIGLIA D. (1939b): Missione al Lago Tana diretta de G. DAINELLI (1937) – Hymenoptera Aculeata. — Memorie della Società Entomologica Italiana **18**: 80-92.
- GUIGLIA D. (1939c): Hymenoptera. Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae. — In: ZAVATTARI E. (ed.), Missione Biologica nel paese dei Borana. Raccolte zoologiche **3**: 45-77.
- GUIGLIA D. (1940a): Imenotteri aculeati (Chrysididae, Scoliidae, Mutillidae, Vespidae, Psammocharidae, Sphecidae, Apidae) raccolti in Africa Orientale dal Prof. G. RUSSO. — Bollettino del Laboratorio di Zoologia Generale e Agraria della Facoltà Agraria in Portici **31**: 274-292.
- GUIGLIA D. (1940b): Di alcune specie d'Imenotteri aculeati dell'Africa Orientale Italiana delle collezioni del Museo Civico di Storia Naturale di Trieste (Scoliidae, Vespidae, Pompilidae, Sphecidae, Apidae). — Atti del Museo Civico di Storia Naturale di Trieste **14** (19): 287-298.
- GUIGLIA D. (1948): I Tipi di Imenotteri del GUÉRIN esistenti nelle Collezioni del Museo di Genova — Annali del Museo Civico di Storia Naturale di Genova **63**: 175-191.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1998): Weitere neue Arten der Familie Eumenidae aus Kontinentalfrika und Madagaskar (Hymenoptera, Eumenidae). — Linzer biologische Beiträge **30** (1): 183-194.
- GUSENLEITNER J. (1999): Über Eumeniden aus der Elfenbeinküste (République de Côte-d'Ivoire) (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **31** (1): 363-368.
- GUSENLEITNER J. (2000): Über Vespoidea aus Gambia (Hymenoptera, Vespidae, Eumenidae). — Linzer biologische Beiträge **32** (2): 917-921.
- GUSENLEITNER J. (2002a): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2002b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (1): 307-320.

- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005a): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2005b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera, Vespidae, Eumeninae). — Linzer biologische Beiträge **39** (1): 83-95.
- ILLIGER K. (1802): Neue Insekten. — Magazin für Insektenkunde **1** (1-2): 163-208.
- JURINE L. (1807): Nouvelle Méthode de classer les Hyménoptères et les Diptères. Tome I. Hyménoptères. — Genève (J.J. PASCHOUD): 319 pp., index (one page), tableau comparatif (p. 1-4), 14 pls.
- KIRBY W.F. (1896): A List of the Orthoptera, Hymenoptera, and Hemiptera collected by Miss KINGSLEY on the river Ogové, with Descriptions of some new Genera and Species. — Annals and Magazine of Natural History, 6.series, **18** (105): 257-269, pl. 12.
- KLUG F. (1808): Über die Geschlechtsverschiedenheiten der Piezaten. — Magazin der Gesellschaft Naturforschender Freunde zu Berlin für die Neuesten Entdeckungen in der Gesammten Naturkunde **2** (1): 48-63.
- KOHL F.F. (1893): Hymenopteren von Herrn Dr. Fr. STUHLMANN in Ostafrika gesammelt. — Jahrbuch der Hamburger Wissenschaftlichen Anstalten **10** (2): 179-191.
- KOHL F.F. (1894): Zur Hymenopterenfauna Afrikas. — Annalen des k.k. Naturhistorischen Hofmuseums in Wien **9** (3): 279-350.
- LAMARCK J.B.P.A.. de (1817): Histoire Naturelle des Animaux sans Vertébrés Tome 4. — Paris (DÉTERVILLE & VERDIÈRE): 603 pp.
- LAMBORN W.A. (1914): The agricultural pests of the Southern Provinces, Nigeria. — Bulletin of Entomological Research **5** (3): 197-214, pls 17-25.
- LATREILLE P.A. (1802): Histoire naturelle, générale et particulière des Crustacés et des Insectes 3. — Paris (F. DUFART): 467 pp.
- LATREILLE P.A. (1805): Histoire naturelle, générale et particulière des Crustacés et des Insectes 13. — Paris (F. DUFART): 432 pp.
- LATREILLE P.A. (1809): Genera crustaceorum et insectorum secundum ordinem naturalem in familias disposita, iconibus exemplisque plurimis explicata . Tomus quartus. — Paris & Strassbourg (A. KOENIG): 399 pp.
- LATREILLE P.A. (1810): Considérations générales sur l'ordre naturel des animaux composant les Classes des Crustacés, des Arachnides, et des Insectes; avec un Tableau Méthodique de leurs Genres, disposés en Familles. — Paris (F. SCHOELL): 444 pp.
- LATREILLE P.A. (1817): Les Crustacés, les Arachnides et les Insectes. — In: CUVIER (ed.), La Règne Animal distribué d'après son Organisations, pour servir de Base a l'Histoire Naturelle des Animaux et d'Introduction a l'Anatomie Comparée (Nouvelle édition). — Paris (DÉTERVILLE): V-XXIX, 653 pp.
- LATREILLE P.A. (1829): Suite et Fin des Insectes. — In: CUVIER (ed.), La Règne Animal distribué d'après son Organisations, pour servir de Base a l'Histoire Naturelle des Animaux et d'Introduction a l'Anatomie Comparée (Nouvelle édition). — Paris (DÉTERVILLE & CROCHARD): IV-XXIV, 556 pp.
- LATREILLE P.A., LE PELETIER de SAINT-FARGEAU, SERVILLE & GUÉRIN (1825): Encyclopédie Methodique. Histoire Naturelle. Entomologie, ou Histoire Naturelle des Crustacées, des Arachnides et des Insectes— Paris (AGASSE): 532 pp.
- LEPELETIER de SAINTE-FARGEAU A. (1841): Histoire Naturelle des Insectes. Hyménoptères II. — Paris (Librairie Encyclopédique de RORET): 694 pp.

- LINNAEUS C. (1758): *Systema naturae* 1. — Stockholm (L. SALVIUS): 824 pp.
- LINNÉ C. von (1764): *Museum Ludovicae Ulricaë Reginaë: Insecta & Conchilia*. — Stockholm (L. SALVIUS): 722 pp.
- LONGAIR R.W. (2004): Tusked Males, Male Dimorphism and Nesting Behavior in a Subsocial Afrotropical Wasp, *Synagris cornuta*, and Weapons and Dimorphism in the Genus (Hymenoptera: Vespidae: Eumeninae). — *Journal of the Kansas Entomological Society* **77** (4): 528-557.
- LUCAS M.H. (1878): *Synagris cornuta* (Hyménoptère, nidification). — *Bulletin des Séances et Bulletin de la Bibliographie de la Société Entomologique de France* **1877** (4): 156.
- MACNULTY B.J. (1962): Field observations on some West African Hymenoptera. — *Proceedings & Transactions of the South London Entomological & Natural History Society* **1961**: 118-133, pl. 7.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell’Africa orientale. Relazione preventiva. — *Bullettino della Società Entomologica Italiana* **50** (5): 241-253.
- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell’Africa orientale. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d’un viaggio in Africa per studii zoologici. — *Atti della Società Italiana di Scienze Naturali* **26**: 257-355.
- MAGRETTI P. (1898): Imenotteri della seconda spedizione di Don Eugenio dei Principi RUSPOLI nei paesi Galla e Somali. — *Annali del Museo di Storia Naturale di Genova, Serie 2*, **19**: 25-56.
- MAGRETTI P. (1899): Imenotteri dell’ultima spedizione del Capitano BOTTEGO. — *Annali del Museo di Storia Naturale di Genova, Serie 2*, **19**: 583-612.
- MAIDL F. (1914a): Monographie der Gattung *Synagris* LATREILLE. (Hym. Vespidae). — *Anzeiger der Kaiserlichen Akademie der Wissenschaften in Wien* **1914** (6): 96-98.
- MAIDL F. (1914b): Monographie der Gattung *Synagris* LATREILLE. — *Denkschriften der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftlichen Klasse*, **91**: 215-333.
- MAINDRON M. (1879): Quelques mots sur les Guêpes maconnes. — *Moniteur du Sénégal et Dépandances* 15. Avril 1879. **not seen**
- MAINDRON M. (1882): Histoire des Guêpes solitaires (Euméniens) de l’Archipel Indien et de la Nouvelle-Guinée 2^e Partie. Considérations générales. – Nidification. Moeurs. – Etc. — *Annales de la Société Entomologique de France, 6^e série, 2, 2*: 169-188, pl. 4.
- MARSHALL G.A.K. (1902): Common Warning Colours in South African Hymenoptera and the Mimicry of them by Insects of other Orders. — In: MARSHALL G.A.K., *Five Years’ Observations and Experiments (1896-1901) on the Bionomics of South African Insects, chiefly directed to the Investigation of Mimicry*. — *Transactions of the Entomological Society of London* **1902** (3): 525-535, 571-573, pls 22, 23.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diptera in the Collection of the British Museum. — *Annals and Magazine of Natural History, 8. series*, **8** (46): 444-457.
- MEADE-WALDO G. (1913): New Species of Diptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History, 8. series*, **11** (61): 44-54.
- MEDLER J.T. (1980): *Insects of Nigeria – Checklist and Bibliography*. — *Memoirs of the American Entomological Institute* **30**: I-VII, 919 pp.
- MOCSÁRY A. (1903): Species novae vel minus cognitae generis *Synagris* LATR. — *Annales Historico-Naturales Musei Nationalis Hungarici* **1** (2): 503-508.
- MOCSÁRY A. (1906): Vespidarum species quattuor novae. — *Annales Historico-Naturales Musei Nationalis Hungarici* **4** (1): 197-200.

- MÜLLER P.L.S. (1775): Des Ritters Carl von LINNÉ königlich Schwedischen Leibarztes vollständiges Natursystem nach der zwölften lateinischen Ausgabe und nach Einleitung des holländischen Houttuynischen Werks. Fünfter Teil: Von den Insekten. — Nürnberg (G. N. RASPE): 761-1166.
- OLIVIER G.A. (1791-92): Encyclopedie methodique histoire naturelle. Insectes 6.— Paris (PANCKOUCKE): 704 pp.
- PALISOT de BEAUVAIS A.M.F.J. (1805-1821): Insectes recueillis en Afrique et en Amérique, dans les royaume d'Oware et de Benin, a Saint-Dominique et dans les États-Unis, pendant les années 1786-1795. — Paris (PALISOT de BEAUVAIS & LEVAULT, SCHOELL et Compagnie): I-XVI, 276 pp.
- PECHUËL-LOESCHE E. (1882): Die Loango-Expedition. Dritte Abtheilung, erste Hälfte — In: GÜSSFELDT P., J. FALKENSTEIN & E. PECHUËL-LOESCHE: Die Loango-Expedition ausgesandt von der deutschen Gesellschaft zur Erforschung Aequatorial-Afrikas 1873-1876. — Stuttgart (STRECKER & SCHRÖDER): 316 pp.
- POULTON E.B. (1913): Mr. LAMBOURN's observations on marriage by capture in a West African wasp. — Report of the British Association for the Advancement of Science 1913: 511-512. **not seen**
- RADOSZKOWSKY O. (1876): Comte-rendu des Hyménoptères recueillis en Egypt et Abyssinie in 1873. — Horae Societatis Entomologicae Rossicae **12** (1): 111-116; (2): 117-150.
- RADOSZKOVSKY O. (1881): Hyménoptères. — Journal de Ciencias Mathematicas, Physicas et Naturales **31**: 197-221.
- REICHE L. (1849): Entomologie. — In: FERRET & GALLINIER, Voyage en Abyssinie dans les provinces du Tigre, du Samen et de l'Ahmara dédiée a S.A.R. Monseigneur le Duc de NEMOURS. Tome III: 257-471, atlas: pls 16-33.
- RETZIUS S.I. (1783): Caroli DE GEER. Genera et species insectorum e generosissimi auctoris scriptis. Extraxit, digessit, latine quoad partem reddidit, et terminologiam insectorum Linneam addidit. — Leipzig (S.L. CRUSIUS): 220 pp, 32 pp Index.
- RITSEMA C. (1874): Aanteekeningen betreffende eene kleine collectie Hymenoptera van Neder-Guinea, en beschrijving van de nieuwe soorten. — Tijdschrift voor Entomologie **17**: 177-211.
- ROUBAUD E. (1908): Gradation et perfectionnement de l'instinct chez les Guêpes solitaires d'Afrique, du genre *Synagris*. — Comptes Rendus Hebdomadaire des Séances de l'Académie des Sciences (Paris) **147** (16): 695-697.
- ROUBAUD E. (1910): Recherches sur la biologie des *Synagris*. — Annales de la Société Entomologique de France **79**: 1-21.
- ROUBAUD E. (1916): Recherches biologiques sur les guêpes solitaires et sociales d'Afrique. — Annales Sciences Naturelles, Zoologie, 10. série, **1**: 1-160.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guêpes solitaires, ou de la tribu des Euméniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — Mémoires de la Société de Physique d'Histoire Naturelle de Genève **17**: 171-244, pl. 2.
- SCHLETTERER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — Annales de la Société Entomologique de Belgique **35**: 1-36.
- SCHOUTEDEN H. (1916): Sur quelques *Synagris* du Congo Belge (Hymenoptera Eumenidae). — Revue Zoologique Africaine **5** (1): 91-96.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.

- SCHULTHESS-SCHINDLER A. de (1899): La faune entomologique du Delagoa. Hymenoptères. — Bulletin de la Société Vaudoise des Sciences Naturelles **35** (132): 249-277.
- SCHULTHESS-RECHBERG A. von (1913a): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.
- SCHULTHESS RECHBERG A. von (1913b): Zoologische Ergebnisse der Expedition des Herrn G. TESSMANN nach Süd-Kamerun und Spanisch-Guinea. — Mitteilungen des Zoologischen Museums in Berlin **6** (3): 337-350.
- SCHULTHESS A. von (1913c): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — Arkiv för Zoologi **8** (2-3: 17): 24 pp.
- SCHULTHESS RECHBERG A. von (1913d): Vespidae. — In: Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 unter Führung Adolf Friedrichs, Herzog zu MECKLENBURG, 4, Zoologie, **2**: 291-296.
- SCHULTHESS-RECHBERG A. von (1914a): Neue Vespiden aus Kamerun. — Societas Entomologia **29** (1): 4.
- SCHULTHESS RECHBERG A. von (1914b): Hymenopteren aus Kamerun. Gesammelt von Herrn von ROTHKIRCH, Oberleutnant der Schutztruppe. — Deutsche Entomologische Zeitschrift **1914** (3): 283-297.
- SCHULTHEB A. v. (1923a): Neue äthiopische Eumenidinen (Vespiden). — Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien **73**: 1-3.
- SCHULTHESS A. v. (1923b): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- SCHULTHESS A. v. (1928a): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SCHULTHEB A. von (1928b): Zur äthiopischen Vespidenfauna (Hym.). *Rhynchia synagroides* et affinia. — Deutsche Entomologische Zeitschrift **28** (4): 305-335.
- SCHULTHESS A. de (1929): Voyage au Congo de S.A.R. le Prince LÉOPOLD de Belgique (1925). Hymenoptera. — I. Apides, Vespides, Sphégides Chrysidides, Scolides, Mutillides, Formicides. — Revue de Zoologie et Botaniques Africaines **17** (2): 184-190.
- SCHULZ W.A. (1906b): Die Hymenopteren der Insel Fernando Poo. — In: SCHULZ W.A., Spolia Hymenopterologica. — Paderborn (Junfermannsche Buchhandlung Albert PAPE): 270-327.
- SCHULZ W.A. (1912): Aelteste und alte Hymenopteren skandinavischer Autoren. — Berliner Entomologische Zeitschrift **57** (1-2): 52-102.
- SJÖDSTEDT Y. (1926): Zoological Results of the Swedish Expedition to Central Africa 1921. — Arkiv for Zoologi **18** (A, 23): 13 pp.
- SMITH F. (1856): Nests of Hymenoptera of Port Natal. — Proceedings of the Entomological Society of London **1855**: 128-130.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- SPINOLA M. (1808): Insectorum Liguria. Species novae aut rariores II. — Genua (Y. GRAVIER): 262 pp.
- STADELMANN R. (1898): Die Hymenopteren Ostafrikas. — In: MOEBIUS K. (ed.), Die Tierwelt Ost-Afrikas und der Nachbargebiete **4** (3): 1-55.
- TULLGREN A. (1904): On some Hymenoptera Aculeata from the Cameroons with an appendix: On some type-species of the genus *Scolia* and *Belenogaster* in the Royal Museum at Stockholm. — Arkiv for Zoologi **1** (21) 445-463, pls 22-25.
- VECHT J. van der & J.M. CARPENTER (1990): A catalogue of the genera of the Vespidae (Hymenoptera). — Zoologische Verhandlungen **260**: 62 pp.

- VERLAINE L. (1923): Recherches sur la biologie des *Synagris* (Hymén.). Le *Synagris didieri* BUYSS. — *Revue Zoologique Africaine* **11** (4): 435-475, pl. 4-6.
- VOIGT F.S. (1839): Das Thierreich, geordnet nach seiner Organisation. Als Grundlage der Naturgeschichte der Thiere und Einleitung in die vergleichende Anatomie. Vom Baron von CUVIER. Band 5 — Leipzig (BROCKHAUS): 686 pp.
- VONDEL B.J. van (1995): Catalogue of the Hymenoptera in the Natuurmuseum Rotterdam; part I: Introduction & Aculeata of the Ethiopian, Oriental and Australian regions. — *Deinsea* **2**: 23-32.
- WEAVING A.J.S. (1994): Nesting behaviour in three Afrotropical trap-nesting wasps, *Chalybion laevigatum* (KOHL), *Proepipona meadewaldoi* BEQUAERT and *Tricarinosynerus guerinii* (SAUSSURE) (Hymenoptera: Sphecidae, Eumenidae). — *Entomologist* **113** (3-4): 183-197.
- WEAVING A.J.S. (1995): A comparison of nesting success and nesting habits in some Afrotropical aculeate wasps, with particular reference to nest parasites (Hymenoptera: Sphecidae, Eumenidae). — *Annals of the Cape Provincial Museums (Natural History)* **19** (4): 181-224.
- ZAVATTARI E. (1907a): Di alcuni Imenotteri della Somalia Italiana. — *Bollettino dei Musei di Zoologia ed Anatomia Comparata di R. Università di Torino* **22** (548): 4 pp.
- ZAVATTARI E. (1907b): Imenotteri dell'Alto Zambesi raccolti dal Rev. L. JALLA. — *Bollettino dei Musei di Zoologia ed Anatomia Comparata di R. Università di Torino* **22** (550): 4 pp.
- ZAVATTARI E. (1907c): Imenotteri del Lago Moero. — *Bollettino dei Musei di Zoologia ed Anatomia Comparata di R. Università di Torino* **22** (555): 6 pp.
- ZAVATTARI E. (1911): Catalogo degli Eumenidi del Museo Zoologico di Napoli. — *Annuario del Museo Zoologico della R. Università di Napoli* **3** (19): 6 pp.

Genus *Syneodynerus* BLÜTHGEN 1951

Description: BLÜTHGEN 1951: 75.

Typus generis: *Odynerus egregius* HERRICH-SCHAEFFER 1839.

Distribution: Australian, Ethiopian and Palearctic Region.

Valid species: 1.

Syneodynerus zavattarianus GIORDANI SOIKA 1944 new combination

Odynerus (Rhynchium) zavattarianus n.sp.: GIORDANI SOIKA 1944: 170 (descr. ♀, Ethiopia).

Pseudepipona (Syneodynerus) zavattariana (GIORDANI SOIKA): GIORDANI SOIKA 1952: 80 (tax., Ethiopia).

Odynerus zavattarianus GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Ethiopia).

Pseudepipona (Syneodynerus) zavattariana (GIORDANI SOIKA): BORSATO & RATTI 1999: 100 (cat.).

Syneodynerus zavattarius (sic) GIORDANI SOIKA: GUSENLEITNER 2004: 145 (Tanzania).

D i s t r i b u t i o n : Ethiopia, Tanzania.

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — *Atti dell'Istituto Veneto di Scienze, Lettere et Arti*, **103** (2): 149-178.

- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — Rivista di Biologia Coloniale **11**: 73-89.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.

Genus *Tachyancistrocerus* GIORDANI SOIKA 1952

Description: GIORDANI SOIKA 1952: 37.
Typus generis: *Odynerus rhodensis* de SAUSSURE 1855.
Distribution: Ethiopian, Oriental and Palearctic Region.
Valid species: 1.

***Tachyancistrocerus serenus* (GIORDANI SOIKA 1935)**

Tachyancistrocerus serenus (GIORDANI SOIKA): GIORDANI SOIKA 1974: 120 (Chad).
Distribution: Chad.
Known from the Palearctic Region.

References

- GIORDANI SOIKA A. (1974): Notulae vespilogicae XXXVI. Eumenidi dei Tibesti, raccolti da K.M. GUICHARD. — Bollettino della Societa Entomologica Italiana **106** (5-7): 119-121.

Genus *Tachymenes* GIORDANI SOIKA 1983

Description: GIORDANI SOIKA 1983: 118.
Typus generis: *Odynerus vulneratus* de SAUSSURE 1855.
Distribution: Ethiopian Region.
Valid species: 3.

***Tachymenes abruptus* GUSENLEITNER 2002**

Tachymenes abruptus nova spec.: GUSENLEITNER 2002: 1118 (descr. ♂, Zimbabwe).
Distribution: Zimbabwe.

***Tachymenes ornativentris* (CAMERON 1910)**

Eumenes ornativentris sp.n.: CAMERON 1910: 157 (descr. ♀, South Africa).
Eumenes ornativentris CAMERON: BEQUAERT 1918: 282 (cat.).
Eumenes ornativentris CAMERON: BEQUAERT 1926: 493 (tax.).
Tachymenes ornativentris (CAMERON): GIORDANI SOIKA 1983: 119 (tax., descr. ♂, South Africa, Zimbabwe).
Distribution: South Africa, Zimbabwe.

***Tachymeres vulneratus* (de SAUSSURE 1855)**

Odynerus (Odynerus) vulneratus n.sp.: de SAUSSURE 1855: 248 (descr. ♂ ♀, South Africa).

Odynerus vulneratus de SAUSSURE: SMITH 1857: 55 (cat.).

Odynerus vulneratus de SAUSSURE: de DALLA TORRE 1894: 104 (cat.).

Odynerus vulneratus de SAUSSURE: von DALLA TORRE 1904: 57 (cat.).

Odynerus (Lionotus) vulneratus de SAUSSURE: MEADE-WALDO 1915: 487 (tax., cat.), 493 (key).

Odynerus (Rygchium) vulneratus de SAUSSURE: BEQUAERT 1918: 314 (tax., cat.).

Leptomenes vulneratus (de SAUSSURE): GIORDANI SOIKA 1961: 443 (tax., South Africa).

Tachymeres vulneratus (de SAUSSURE): GIORDANI SOIKA 1983: 118 (tax., typ. gen., South Africa).

**Labus transiens* n.sp.: KOHL 1906: 231 (descr. ♀, South Africa), 244 (key), pls 4 (fig. 18), 6 (fig. 12).

Pachymeres transiens (KOHL): BEQUAERT 1918: 285 (tax., cat.).

Pachymeres transiens (KOHL): GIORDANI SOIKA 1934: 219 (tax.).

Leptomenes (Leptomenes) transiens (KOHL): GIORDANI SOIKA 1939: 88 (tax.).

Labus transiens KOHL: GIORDANI SOIKA 1961: 443 (syn.).

Labus transiens KOHL: GIORDANI SOIKA 1983: 118 (syn.).

D i s t r i b u t i o n : South Africa.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — Annals of the South African Museum **23** (3): 484-577.
- CAMERON P. (1910): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — Annals of the Transvaal Museum **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GIORDANI SOIKA A. (1934): *Labus* ed *Eumenes* nuovi o poco noti. — Memoria della Societa Entomologica Italiana **12**: 215-228.
- GIORDANI SOIKA A. (1939): Sul genere *Pachymeres* e decrizione di un nuovo genere e di nuove specie (Hym. Vespidae). — Memorie della Società Entomologica Italiana **17**: 85-96.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds) South Africal Animal Life **8**: 440-451.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 97-151.
- GUSENLEITNER J. (2002): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 2 (Hymenoptera, Vespoidea). — Linzer biologische Beiträge **34** (2): 1101-1121.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, **71**: 169-301.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.

SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Euméniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.

SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.

Genus *Trachydynerus* GIORDANI SOIKA 1989

Description: GIORDANI SOIKA 1989: 60.

Typus generis: *Trachydynerus dancaliensis* GIORDANI SOIKA 1989.

Distribution: Ethiopian and Palearctic Region.

Valid species: 1.

***Trachydynerus dancaliensis* GIORDANI SOIKA 1989**

Trachydynerus dancaliensis n.sp.: GIORDANI SOIKA 1989: 60 (typ. gen., descr. ♀, Ethiopia), 61 (fig. 26).

Trachydynerus dancaliensis GIORDANI SOIKA: BORSATO & RATTI 1999: 73 (cat.).

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

References

BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.

GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — Lavori – Società Veneziana di Scienze Naturali **14** (1): 19-68.

Genus *Tricarinodynerus* GIORDANI SOIKA 1952

Description: GIORDANI SOIKA 1952: 79.

Typus generis: *Odynerus guerinii* de SAUSSURE 1852.

Synonym: *Carinodynerus* GIORDANI SOIKA 1957.

Distribution: Ethiopian and Palearctic Region.

Valid species: 8.

Known subspecies: 5.

***Tricarinodynerus abreptus* (GIORDANI SOIKA 1934)**

Odynerus (Rhynchium) abreptus n.sp.: GIORDANI SOIKA 1934: 371 (descr. ♂, Guinea Bissau), 373 (figs 2.1-5).

Odynerus (Rhynchium) abreptus GIORDANI SOIKA: GIORDANI SOIKA 1937: 298 (key), 301 (tax., Guinea Bissau).

Tricarinodynerus abreptus (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) abreptus (GIORDANI SOIKA): GIORDANI SOIKA 1957: 478 (tax.).

Odynerus abreptus GIORDANI SOIKA: GIORDANI SOIKA 1973: 9 (tax., Guinea Bissau).

Tricarinodynerus abreptus (GIORDANI SOIKA): GIORDANI SOIKA 1987a: 165 (tax., descr. ♀, Guinea Bissau).

Tricarinodynerus abreptus (GIORDANI SOIKA): GIORDANI SOIKA 1989b: 43 (Senegal).

Tricarinodynerus abreptus (GIORDANI SOIKA): BORSATO & RATTI 1999: 65 (cat.).

D i s t r i b u t i o n : Guinea Bissau, Senegal.

***Tricarinodynerus anceps anceps* (GRIBODO 1892)**

Rygchium anceps n.sp.: GRIBODO 1892: 280 (descr. ♀, Nigeria).

Rhynchium anceps GRIBODO: de DALLA TORRE 1894: 43 (cat.).

Rhynchium anceps GRIBODO: von DALLA TORRE 1904: 33 (cat.).

Rhynchium anceps GRIBODO: ROUBAUD 1916: 16 (biol., Benin, Mali), 17 (fig. 9), 19 (fig. 10), 21 (fig. 11).

Odynerus (Rygchium) anceps (GRIBODO): BEQUAERT 1918: 114 (key), 154 (tax., descr. ♂ ♀, biol., Democratic Republic of Congo), 155 (figs 154-162), 292 (cat.).

Odynerus (Rhynchium) anceps (GRIBODO): SCHOUTEDEN 1919: 178 (Democratic Republic of Congo).

Odynerus anceps anceps (GRIBODO): von SCHULTHEB 1928b: 306 (key), 315 (tax.), 332 (tax., figs 18-20, Cameroon, Equatorial Guinea, Gabon).

Odynerus (Rhynchium) anceps anceps (GRIBODO): GIORDANI SOIKA 1937: 298 (key), 304 (tax., Benin, Democratic Republic of Congo).

Tricarinodynerus anceps anceps (GRIBODO): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) anceps anceps (GRIBODO): GIORDANI SOIKA 1957: 478 (tax.).

Rhynchium anceps GRIBODO: MEDLER 1980: 476 (cat., Nigeria).

Tricarinodynerus anceps (GRIBODO): GIORDANI SOIKA 1987a: 166 (tax.).

Tricarinodynerus anceps (GRIBODO): GIORDANI SOIKA 1989b: 43 (Gabon, Ivory Coast).

D i s t r i b u t i o n : Benin, Cameroon, Democratic Republic of Congo, Equatorial Guinea, Gabon, Ivory Coast, Mali, Nigeria.

***Tricarinodynerus anceps bequaerti* (SCHOUTEDEN 1919) new status**

Odynerus (Rhynchium) bequaerti n.sp.: SCHOUTEDEN 1919: 179 (descr. ♂, Democratic Republic of Congo).

Odynerus bequaerti SCHOUTEDEN: von SCHULTHEB 1928b: 332 (nomen nudum).

Odynerus (Rhynchium) anceps var. *bequaerti* SCHOUTEDEN: GIORDANI SOIKA 1940: 481 (tax.).

Tricarinodynerus anceps var. *bequaerti* (SCHOUTEDEN): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) anceps var. *bequaerti* (SCHOUTEDEN): GIORDANI SOIKA 1957: 478 (tax.).

Odynerus anceps albofasciatus* nov.subsp.: von SCHULTHEB 1928b: 306 (key), 307 (key), 315 (tax.), 332 (tax., Tanzania, Zambia). **new synonym

Odynerus (Rhynchium) anceps var. *albofasciatus* von SCHULTHEB: GIORDANI SOIKA 1937: 298 (key), 305 (tax., Malawi, Mozambique, Tanzania, Zambia, Zimbabwe).

Odynerus (Rhynchium) anceps var. *albofasciatus* von SCHULTHEB: GIORDANI SOIKA 1940: 481 (tax.).

Tricarinodynerus anceps var. *albofasciatus* (von SCHULTHEB): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) anceps var. *albofasciatus* (von SCHULTHEB): GIORDANI SOIKA 1957: 478 (tax.).

Tricarinodynerus anceps albofasciatus (von SCHULTHEB): GUSENLEITNER 2002: 303 (Tanzania).

D i s t r i b u t i o n : Democratic Republic of Congo, Malawi, Mozambique, Tanzania, Zambia, Zimbabwe.

SCHOUTEDEN (1919: 179) provided only a short diagnosis of *Odynerus (Rhynchium) bequaerti* n.sp. intending to describe the new species in the near future. Therefore von SCHULTHEB (1928b: 332) treated it as a nomen nudum and described it as *Odynerus anceps albofasciatus* nov. ssp. As it is possible to recognize the species from the short diagnosis, SCHOUTEDEN's name is valid.

***Tricarinodynerus anceps totoniger* (von SCHULTHEB 1928)**

Odynerus anceps totoniger nov. subsp.: von SCHULTHEB 1928b: 306 (key), 310 (key), 315 (tax.), 332 (tax., Tanzania).

Odynerus (Rhynchium) anceps totoniger von SCHULTHEB: GIORDANI SOIKA 1937: 298 (key), 305 (tax.).

Tricarinodynerus anceps var. *totoniger* (von SCHULTHEB): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) anceps var. *totoniger* (von SCHULTHEB): GIORDANI SOIKA 1957: 478 (tax.).

Distribution: Tanzania.

***Tricarinodynerus guerinii guerinii* (de SAUSSURE 1853)**

Odynerus (Leionotus) guerinii n.sp.: de SAUSSURE 1853: 151 (key), 176 (descr. ♂, Africa).

Odynerus guerinii de SAUSSURE: SMITH 1857: 74 (cat.).

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

Odynerus guerinii de SAUSSURE: GRIBODO 1895: 102 (tax., Mozambique).

Odynerus (Lionotus) guerinii de SAUSSURE: von DALLA TORRE 1904: 46 (cat.).

Odynerus (Lionotus) guerinii de SAUSSURE: MEADE-WALDO 1915: 488 (cat.).

Odynerus (Ryeghium) guerinii de SAUSSURE: BEQUAERT 1918: 300 (cat.).

Odynerus (Rhynchium) rubens var. *guerinii* de SAUSSURE: GIORDANI SOIKA 1937: 298 (key), 300 (tax., Democratic Republic of Congo, Malawi, Mozambique, Namibia, Nigeria, South Africa, Zambia, Zimbabwe).

Odynerus (Rhynchium) rubens var. *guerinii* de SAUSSURE: GUIGLIA 1939b: 85 (tax., Ethiopia).

Odynerus (Rhynchium) guerinii (de SAUSSURE): GIORDANI SOIKA 1940: 480 (tax.).

Tricarinodynerus guerinii (de SAUSSURE): GIORDANI SOIKA 1952: 79 (tax., typ. gen., Ethiopia).

Tricarinodynerus guerinii (de SAUSSURE): GIORDANI SOIKA 1955: 366 (Burundi).

Pseudepipona (Carinodynerus) rubens var. *guerinii* (de SAUSSURE): GIORDANI SOIKA 1957: 478 (tax., typ. subgen.).

Tricarinodynerus guerinii guerinii (de SAUSSURE): GIORDANI SOIKA 1961: 446 (tax.).

Tricarinodynerus guerinii (de SAUSSURE): GESS 1981: 25 (biol., South Africa), 26 (biol.).

Tricarinodynerus guerinii (de SAUSSURE): GIORDANI SOIKA 1987a: 166 (tax.).

Tricarinodynerus guerinii (de SAUSSURE): GESS & GESS 1991: 260 (biol., Lesotho, South Africa), 263 (figs 8, 9), 265 (figs 10-12), 266 (figs 13a-h).

Tricarinodynerus guerinii (de SAUSSURE): WEAIVING 1994: 184 (pl. 1: figs A), 189 (biol., table 2, South Africa), 190 (fig. 4, figs 5A-F), 191 (fig. 6), 193, m 194, 195.

Tricarinodynerus guerinii (de SAUSSURE): WEAIVING 1995: 183 (fig. 1B), 184 (fig. 2A), 187 (biol., South Africa), 188 (table 1), 189 (biol., tables 2, 3), 190 (biol.), 191 (biol.), 193 (biol., fig. 4), 194 (table 8), 195 (figs 5A, B), 197 (biol.), 199 (biol., table 11), 200 (biol., table 12), 201 (table 13), 203 (biol., table 14), 204 (biol.), 205 (biol., table 15), 206 (biol., table 16), 208 (biol., table 17), 210 (biol., table 19).

Tricarinodynerus guerinii (de SAUSSURE): GUSENLEITNER 2002: 303 (Tanzania).

Tricarinodynerus guerinii (de SAUSSURE): GESS & GESS 2003: 87 (biol., Lesotho, Namibia, South Africa), 299 (biol., Namibia), 330 (biol., South Africa), 335 (biol., South Africa), 339 (biol., South Africa), 353 (biol., Lesotho), 379 (biol., South Africa), 453 (biol., South Africa).

**Odynerus (Odynerus) aestuans* n.sp.: de SAUSSURE 1863: 222 (descr. ♂ ♀, Eritrea), pl. 2 (figs 25).

Odynerus aestuans de SAUSSURE: GRIBODO 1895: 102 (syn.).

Odynerus (Lionotus) aestuans de SAUSSURE: de DALLA TORRE 1894: 50 (cat.).

Odynerus (Lionotus) aestuans de SAUSSURE: von DALLA TORRE 1904: 39 (cat.).

Odynerus aestuans de SAUSSURE: GIORDANI SOIKA 1937: 300 (syn. of *Odynerus rubens* var. *guerinii*).

**Odynerus (Odynerus) carinulatus* n.sp.: de SAUSSURE 1855: 259 (descr. ♀, Africa), pl. 14 (figs 3, 3a).

Odynerus carinulatus de SAUSSURE: SMITH 1857: 74 (cat.).

- Odynerus carinulatus* de SAUSSURE: MAGRETTI 1884a: 252 (cat.).
Odynerus carinulatus de SAUSSURE: MAGRETTI 1884b: 618 (Eritrea).
Odynerus carinulatus de SAUSSURE: MAGRETTI 1885: 324 (Eritrea), 353 (cat.).
Odynerus carinulatus de SAUSSURE: de DALLA TORRE 1894: 59 (cat.).
Odynerus carinulatus de SAUSSURE: BINGHAM 1902: 221 (South Africa).
Odynerus (Lionotus) carinulatus de SAUSSURE: von DALLA TORRE 1904: 42 (tax., cat.).
Odynerus carinulatus de SAUSSURE: LONGSTAFF 1912: 224 (Zimbabwe), 227 (Zimbabwe).
Odynerus (Lionotus) carinulatus de SAUSSURE: MEADE-WALDO 1915: 494 (key).
Odynerus (Rygchium) carinulatus de SAUSSURE: BEQUAERT 1918: 128 (key), 157 (tax., descr. ♂ ♀, figs 163-168, biol., Democratic Republic of Congo, Mozambique), 294 (cat.).
Odynerus (Rhynchium) carinulatus de SAUSSURE: SCHOUTEDEN 1919: 179 (Democratic Republic of Congo).
Odynerus (Lionotus) carinulatus de SAUSSURE: von SCHULTHESS 1923: 136 (tax., Namibia).
Odynerus carinulatus de SAUSSURE: von SCHULTHEB 1928b: 306 (key).
Odynerus carinulatus de SAUSSURE: GUIGLIA 1932: 123 (Eritrea).
Odynerus carinulatus de SAUSSURE: GIORDANI SOIKA 1937: 298 (syn.).
 Rhynchium rubens* n.sp.: de SAUSSURE 1855: 181 (descr. ♂, South Africa). **new synonym
Rhynchium rubens de SAUSSURE: SMITH 1857: 46 (cat.)
Rhynchium rubens de SAUSSURE: de SAUSSURE 1863: 189 (tax.).
Odynerus rubens (de SAUSSURE): GERSTAECKER 1862: 466 (tax., Mozambique).
Rhynchium rubens de SAUSSURE: de DALLA TORRE 1894: 48 (tax., cat.).
Rhynchium rubens de SAUSSURE: de SCHULTHESS-SCHINDLER 1899: 273 (tax., Mozambique).
Rhynchium rubens de SAUSSURE: MARSHALL & POULTON 1902: 517 (biol.), 565 (Zimbabwe), pl. 18 (fig. 43).
Rhynchium rubens var. de SAUSSURE: MARSHALL 1902: 517 (biol.), 530 (biol.), 565 (Zimbabwe), 572 (Zimbabwe), pl. 18 (fig. 43), pl. 23 (figs 7, 8).
Rhynchium rubens de SAUSSURE: von DALLA TORRE 1904: 35 (cat.).
Rhynchium rubens de SAUSSURE: LONGSTAFF 1912: 224 (Zimbabwe).
Odynerus (Rygchium) rubens (de SAUSSURE): BEQUAERT 1918: 159 (tax. as *Rhynchium rubens*), 309 (tax., cat.).
Rhynchium rubens de SAUSSURE: von SCHULTHESS 1922a: 401 (tax., Botswana).
Odynerus (Rhynchium) rubens rubens (de SAUSSURE): GIORDANI SOIKA 1937: 298 (key, tax., Angola, Botswana, Central African Republic, Eritrea, Mozambique, Namibia, South Africa).
Odynerus (Rhynchium) guerinii var. *rubens* (de SAUSSURE): GIORDANI SOIKA 1940: 480 (tax.).
Pseudepipona (Carinodynerus) rubens rubens (de SAUSSURE): GIORDANI SOIKA 1957: 478 (tax.).
Tricarinodynerus guerinii ssp. *rubens* (de SAUSSURE): GIORDANI SOIKA 1961: 446 (tax.).
 **Rhynchium rufiventre* n.sp.: RADOSZKOVSKY 1881: 206 (descr. ♀, Angola).
Rhynchium rufiventre RADOSZKOVSKY: de DALLA TORRE 1894: 48 (cat.).
Rhynchium rufiventre RADOSZKOVSKY: von DALLA TORRE 1904: 35 (cat.).
Odynerus (Rygchium) rufiventris (RADOSZKOVSKY): BEQUAERT 1918: 159 (tax. as *Rhynchium rufiventre*), 309 (tax., cat.).
Rhynchium rufiventre RADOSZKOVSKY: GIORDANI SOIKA 1937: 298 (syn.).
 **Rhynchium stironotum* sp.n.: CAMERON 1910: 161 (descr. ♂, South Africa).
Rhynchium stironotum CAMERON: BEQUAERT 1918: 157 (syn.).
Rhynchium stironotum CAMERON: GIORDANI SOIKA 1937: 298 (syn.).
Rhynchium stironotum CAMERON: GIORDANI SOIKA 1987a: 166 (syn.).

Distribution: Angola, Botswana, Burundi, Central African Republic, Democratic Republic of Congo, Eritrea, Ethiopia, Lesotho, Malawi, Mozambique, Namibia, Nigeria, South Africa, Tanzania, Zambia, Zimbabwe.

***Tricarinodynerus guerinii deserticola* GIORDANI SOIKA 1961**

Tricarinodynerus guerinii deserticola n.ssp.: GIORDANI SOIKA 1961: 445 (descr. ♀, Namibia).

Tricarinodynerus guerinii deserticola GIORDANI SOIKA: BORSATO & RATTI 1999: 78 (cat.).

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

***Tricarinodynerus guerinii neptunus* (GIORDANI SOIKA 1937)**

Odynerus (Rhynchium) rubens neptunus n.var.: GIORDANI SOIKA 1937: 298 (key), 301 (descr. ♂ ♀, Botswana, South Africa).

Odynerus (Rhynchium) guerinii var. *neptunus* GIORDANI SOIKA: GIORDANI SOIKA 1940: 480 (tax.).

Tricarinodynerus rubens neptunus (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) rubens var. *neptunus* (GIORDANI SOIKA): GIORDANI SOIKA 1957: 478 (tax.).

Tricarinodynerus guerinii ssp. *neptunus* (GIORDANI SOIKA): GIORDANI SOIKA 1961: 446 (tax.).

Odynerus rubens neptunus GIORDANI SOIKA: GIORDANI SOIKA 1973: 17 (tax., South Africa).

Tricarinodynerus guerinii neptunus (GIORDANI SOIKA): BORSATO & RATTI 1999: 93 (cat.).

D i s t r i b u t i o n : Botswana, South Africa.

***Tricarinodynerus magrettii* (GRIBODO 1884)**

Odynerus magrettii n.sp.: GRIBODO 1884: 290 (descr. ♂ ♀, Eritrea).

Odynerus magrettii GRIBODO: MAGRETTI 1884b: 619 (Eritrea, Sudan).

Odynerus magrettii GRIBODO: MAGRETTI 1885: 268 (Sudan), 293 (Eritrea), 321 (Eritrea), 324 (Eritrea), 353 (cat.).

Odynerus magrettii GRIBODO: de DALLA TORRE 1894: 77 (cat.).

Odynerus (Lionotus) magrettii GRIBODO: von DALLA TORRE 1904: 48 (tax., cat.).

Odynerus magrettii GRIBODO: SCHULZ 1912: 199 (tax.).

Odynerus magrettii GRIBODO: MEADE-WALDO 1915: 489 (cat.).

Odynerus (Rygchium) magrettii GRIBODO: BEQUAERT 1918: 304 (tax., cat.).

Odynerus magrettii GRIBODO: von SCHULTHEB 1928b: 306 (key), 315 (tax.), 331 (tax., figs 16, 17, Eritrea, Somalia).

Odynerus magrettii GRIBODO: GUIGLIA 1932: 123 (Eritrea).

Odynerus (Rhynchium) magretti GRIBODO: GIORDANI SOIKA 1937: 298 (key), 302 (tax., Eritrea, Ethiopia, Sudan).

Odynerus (Rhynchium) magrettii GRIBODO: GUIGLIA 1939b: 86 (tax., Eritrea).

Odynerus (Rhynchium) magrettii GRIBODO: GIORDANI SOIKA 1939: 99 (Eritrea).

Odynerus (Rhynchium) magrettii GRIBODO: GUIGLIA 1940: 288 (Ethiopia).

Tricarinodynerus magrettii (GRIBODO): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) magrettii (GRIBODO): GIORDANI SOIKA 1957: 478 (tax.).

Tricarinodynerus magrettii (GRIBODO): GUSENLEITNER 2004: 147 (Kenya).

**Odynerus (Rygchium) forticulus* KOHL: SCOTT 1933 (In: BENSON et al.): 119 (Ethiopia).

**Rhynchium sirdari* n.sp.: MORICE 1903: 612 (descr. ♂, Sudan).

Rhynchium sirdari MORICE: MORICE 1904 (In: MORICE & SZÉPLIGETI): 4 (Sudan).

Odynerus (Rygchium) sirdari (MORICE): BEQUAERT 1918: 311 (tax., cat.).

Rhynchium sirdari MORICE: von SCHULTHEB 1928b: 331 (syn.).

D i s t r i b u t i o n : Eritrea, Ethiopia, Kenya, Somalia, Sudan.

Known from the Palearctic Region.

***Tricarinodynerus prominens* GIORDANI SOIKA 1937**

Odynerus (Rhynchium) prominens n.sp.: GIORDANI SOIKA 1937: 297 (key), 305 (descr. ♀, "French Congo", Malawi, South Africa).

Tricarinodynerus prominens (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).

Pseudepipona (Carinodynerus) prominens (GIORDANI SOIKA): GIORDANI SOIKA 1957: 478 (tax.).
Odynerus prominens GIORDANI SOIKA: GIORDANI SOIKA 1973: 17 (tax., Malawi).
Odynerus (Rhynchium) prominens GIORDANI SOIKA: BORSATO & RATTI 1999: 90 (cat.).

D i s t r i b u t i o n : "French Congo", Malawi, South Africa.

***Tricarinodynerus rufoflavus rufoflavus* (GIORDANI SOIKA 1940)**

Odynerus (Rhynchium) guerinii rufoflavus n.var.: GIORDANI SOIKA 1940: 480 (descr. ♀, Sudan).
Tricarinodynerus guerinii var. *rufoflavus* (GIORDANI SOIKA): GIORDANI SOIKA 1952: 79 (tax.).
Tricarinodynerus guerinii ssp. *rufoflavus* (GIORDANI SOIKA): GIORDANI SOIKA 1961: 446 (tax.).
Odynerus guerinii rufoflavus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., Sudan).
Tricarinodynerus (sic) *rufoflavus rufoflavus* (GIORDANI SOIKA): GIORDANI SOIKA 1989a: 47 (tax.).
Tricarinodynerus rufoflavus (GIORDANI SOIKA): BORSATO & RATTI 1999: 78 (cat.).

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

***Tricarinodynerus rufoflavus somalus* GIORDANI SOIKA 1989**

Tricarinodynerus rufoflavus somalus n.ssp.: GIORDANI SOIKA 1989a: 47 (descr. ♀, Somalia).
Tricarinodynerus rufoflavus somalus GIORDANI SOIKA: BORSATO & RATTI 1999: 93 (cat.).
Tricarinodynerus rufoflavus somalus GIORDANI SOIKA: GUSENLEITNER 2002: 303 (Tanzania).
Tricarinodynerus rufoflavus somalus GIORDANI SOIKA: GUSENLEITNER 2004: 147 (Kenya).

D i s t r i b u t i o n : Kenya, Somalia, Tanzania.

***Tricarinodynerus schubotzianus* (von SCHULTHESS-RECHBERG 1913)**

Rhynchium schubotzianus nov.spec.: von SCHULTHESS-RECHBERG 1913a: 2 (descr. ♂ ♀, Tanzania).
Rhynchium (Rhynchium) schubotzianum nov.spec.: von SCHULTHESS RECHBERG 1913b: 344 (key), 345 (descr. ♂ ♀, figs 2-4, Democratic Republic of Congo, Tanzania).
Rhynchium schubotzianum nov.spec.: von SCHULTHESS RECHBERG 1913c: 293 (descr. ♂ ♀, figs 1, 2, Democratic Republic of Congo, Tanzania), 294 (fig. 3).
Rhynchium schubotzianum von SCHULTHESS-RECHBERG: von SCHULTHESS RECHBERG 1914: 292 (Cameroon).
Odynerus (Rygchium) schubotzianus (von SCHULTHESS-RECHBERG): BEQUAERT 1918: 134 (foot note: tax.), 310 (tax., cat.).
Rhynchium schubotzianum von SCHULTHESS-RECHBERG: von SCHULTHESS 1928a: 99 (Central African Republic).
Odynerus schubotzianus von SCHULTHESS-RECHBERG: von SCHULTHESS 1928b: 310 (key), 332 (tax., Equatorial Guinea).
Tricarinodynerus schubotzianus (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1977: 126 (tax., Cameroon, Democratic Republic of Congo, Tanzania).

D i s t r i b u t i o n : Cameroon, Central African Republic, Democratic Republic of Congo, Equatorial Guinea, Tanzania.

***Tricarinodynerus ventralis* (de SAUSSURE 1890)**

Odynerus ventralis n.nom.: de SAUSSURE 1890: 161 (key, descr. ♂ ♀, Ethiopia, Gabon, Senegal), 176 (key), pl. 4 (fig. 17), pl. 17 (figs 9, 9c).
Rhynchium ventralis (de SAUSSURE): LAMBORN 1914: 200 (biol., Nigeria).
Odynerus (Rygchium) ventralis de SAUSSURE: BEQUAERT 1918: 129 (key), 150 (tax., descr. ♂ ♀, Democratic Republic of Congo), 151 (figs 143-153), 314 (cat.).

- Odynerus (Rhynchium) ventralis* de SAUSSURE: SCHOUTEDEN 1919: 178 (Democratic Republic of Congo).
- Odynerus ventralis* de SAUSSURE: von SCHULTHEB 1928b: 306 (key), 315 (tax.), 330 (tax., Cameroon, Equatorial Guinea, Eritrea, Republic of Congo, Senegal, Togo, Uganda), 331 (figs 11-15).
- Odynerus (Rygcium) ventralis* de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 119 (Ethiopia).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: GIORDANI SOIKA 1937: 298 (key), 303 (tax., Central African Republic, Democratic Republic of Congo, Eritrea, Ethiopia, Gabon, Ghana, Nigeria, Senegal, Somalia, Uganda).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: GUIGLIA 1939a: 190 (tax., Eritrea).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: GUIGLIA 1939b: 86 (tax., Eritrea, Ethiopia).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: GIORDANI SOIKA 1939: 99 (Eritrea).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: GIORDANI SOIKA 1940: 480 (cat.).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1952: 80 (tax., Ethiopia).
- Odynerus (Rhynchium) ventralis* de SAUSSURE: BERLAND 1953: 274 (Republic of Guinea).
- Pseudepipona (Carinynerus) ventralis* (de SAUSSURE): GIORDANI SOIKA 1957: 478 (tax.).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1975: 9 (Nigeria).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1977: 126 (Cameroon).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1979: 244 (Mali, Niger).
- Tricarinynerus ventralis* (de SAUSSURE): MEDLER 1980: 477 (cat., Nigeria).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1987a: 166 (tax.).
- Tricarinynerus ventralis ventralis* (de SAUSSURE): GIORDANI SOIKA 1987b: 154 (Gambia).
- Tricarinynerus ventralis* (de SAUSSURE): GIORDANI SOIKA 1989b: 43 (Burkina Faso, Mali, Niger, Senegal).
- Tricarinynerus ventralis* (de SAUSSURE): GUSENLEITNER 1992: 675 (Mali, Senegal).
- Tricarinynerus ventralis* (de SAUSSURE): GUSENLEITNER 2005: 411 (Burkina Faso).
- **Odynerus (Leionotus) synagroides* n.sp.: de SAUSSURE 1853: 151 (key), 152 (key), 198 (descr. ♀, Senegal), pl. 18 (fig. 2 ♂ = ♀).
- Odynerus synagroides* de SAUSSURE: SMITH 1857: 72 (cat.).
- Odynerus (Odynerus) synagroides* de SAUSSURE: de SAUSSURE 1863: 223 (descr. ♀, Eritrea).
- Odynerus synagroides* de SAUSSURE: GRIBODO 1884: 289 (descr. ♀, Ethiopia).
- Odynerus synagroides* de SAUSSURE: de DALLA TORRE 1894: 99 (cat.).
- Odynerus (Lionotus) synagroides* de SAUSSURE: von DALLA TORRE 1904: 55 (cat.).
- Odynerus synagroides* de SAUSSURE: SCHULZ 1912: 199 (tax.).
- Odynerus (Leionotus) synagroides* de SAUSSURE: BEQUAERT 1918: 150 (syn.).
- Odynerus (Lionotus) synagroides* de SAUSSURE: von SCHULTHESS 1922b: 98 (tax., Sudan).
- Odynerus (Lionotus) synagroides* de SAUSSURE: von SCHULTHESS 1928a: 99 (Central African Republic, Democratic Republic of Congo).
- Odynerus synagroides* de SAUSSURE: GIORDANI SOIKA 1937: 303 (syn.).
- **Synagris tropidia* n.sp.: SCHLETTERER 1891: 20 (descr. ♂ ♀, Democratic Republic of Congo), pl. 1 (figs 3, 5).
- Synagris tropida* SCHLETTERER: de DALLA TORRE 1894: 37 (cat.).
- Synagris tropidia* SCHLETTERER: FOX 1896: 554 (Ethiopia).
- Synagris tropida* SCHLETTERER: von DALLA TORRE 1904: 31 (cat.).
- Rhynchium (Anterhynchium) tropidium* (SCHLETTERER): KOHL 1906: 250 (tax.), pl. 5 (figs 22, 27, 29).
- Rhynchium (Anterhynchium) tropidium* (SCHLETTERER): MAIDL 1914: 316 (cat.).
- Synagris tropidia* SCHLETTERER: BEQUAERT 1918: 150 (syn.).

D i s t r i b u t i o n : Burkina Faso, Cameroon, Central African Republic, Democratic Republic of Congo, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Mali, Niger, Nigeria, Republic of Congo, Republic of Guinea, Senegal, Somalia, Sudan, Togo, Uganda.

Known from the Palearctic Region.

References

- BENSON R.B., BEQUAERT J., SCHULTHESS A.v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — *Annals and Magazine of Natural History*, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — *Bulletin of the American Museum of Natural History* **39** (1): 1-384.
- BERLAND L. (1953): Hyménoptères vespiformes. — *Mémoires de l'Institute Française d'Afrique Noire* **19** (La Réserve Naturelle Intégrale du Mt. Nimba): 271-276.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — *Annals and Magazine of Natural History*, 7. series, **10** (57): 207-222.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- CAMERON P. (1910): Vespidae. — In: SJÖSTEDT Y. (ed.), *Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaiesteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT* **2**: 169-196.
- DALLA TORRE C.G. de (1894): *Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus* 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), *Genera Insectorum* **19**: 108 pp.
- FOX W. (1896): The Hymenoptera collected by Dr. A. Donaldson SMITH in Northeast Africa. — *Proceedings of the Academy of Natural Sciences of Philadelphia* **1896**: 547-559.
- GERSTAECKER A. (1862): Hymenoptera. Hautflügler. — In: PETERS W.C., *Naturwissenschaftliche Reise nach Mossambique auf Befehl seiner Majestät des Königs FRIEDRICH WILHELM IV in den Jahren 1842 bis 1848 ausgeführt von Wilhelm C.H. PETERS. Zoologie V. Insecten und Myriopoden.* — Berlin (G. REIMER): 439-526, pl. 19-32.
- GESS F.W. (1981): Some aspects of an ethological study of the aculeate wasps and bees of a karroid area in the vicinity of Grahamstown, South Africa. — *Annals of the Cape Provincial Museums (Natural History)* **14** (1): 1-80.
- GESS F.W. & S.K. GESS (1991): Some aspects of the ethology of five species of Eumenidae (Hymenoptera) in southern Africa). — *Annals of the Cape Provincial Museums (Natural History)* **18** (12): 245-270.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — *Grahamstown (Albany Museum)*: 529 pp.
- GIORDANI SOIKA A. (1934): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — *Annali del Museo Civico di Storia Naturale di Genova* **56**: 367-381.
- GIORDANI SOIKA A. (1937): *Monografia degli Odynerus etiopici, parte seconda.* — *Annali del Museo Civico di Storia Naturale di Genova* **59**: 297-362.
- GIORDANI SOIKA A. (1939): *Raccolte Entomologiche del Dr. Alfredo ANDREINI in Eritrea. Vespidae e Sphegidae (Hymenoptera).* — *Memorie della Società Entomologica Italiana* **18**: 95-105.
- GIORDANI SOIKA A. (1940): *Monografia degli Odynerus etiopici. Supplemento primo (Hymen. Vespidae).* — *Annali del Museo Civico di Storia Naturale di Genova* **60**: 469-484.
- GIORDANI SOIKA A. (1952): *Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae.* — *Rivista di Biologia Coloniale* **11**: 73-89.

- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — *Annales du Musée Royal du Congo Belge, Zoologie*, **36**: 362-367.
- GIORDANI SOIKA A. (1957): 31: Hymenoptera: Vespidae. — In: *British Museum Expedition to South West Arabia 1937-38* **1**: 471-484.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), *South Africal Animal Life* **8**: 440-451.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1975): Notulae vespilogicae - XXXVIII. Su alcuni Eumenidi dell'Africa occidentale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **27**: 7-14.
- GIORDANI SOIKA A. (1977): Results from the Danish Expedition to the Cameroons 1949-1950. 33: Hymenoptera, Vespidae and Eumenidae (Insecta). — *Steenstrupia* **4** (8): 125-129.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1987a): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1987b): Eumenidi raccolti in Gambia e Kenya dal Dr. L.A. JANZON (Hymenoptera, Eumenidae). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **37**: 151-156.
- GIORDANI SOIKA A. (1989a): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- GIORDANI SOIKA A. (1989b): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — *Notes Fauniques de Gembloux* **20**: 23-67.
- GRIBODO G. (1884): Spedizione Italiana nell'Africa Equatoriale, risultati Zoologico imenotteri. — *Annali del Museo Civico di Storia Naturale di Genova* **21**: 277-323.
- GRIBODO G. (1892): Contribuzioni imenotterologiche sopra alcune specie nuove o poco conosciute di imenotteri diplotteri nota IV. — *Bullettino della Società Entomologica Italiana* **23**: 242-300.
- GRIBODO G. (1895): Seconda contribuzione alla conoscenza della fauna Imenotterologica del Mozambico. — *Memorie della R.Accademia delle Scienze dell'Istituto di Bologna, serie 5*, **5**: 77-120.
- GUIGLIA D. (1932): Contributo alla conoscenza della fauna imenotterologica dell'Africa Orientale. Imenotteri aculeati. — *Memorie della Società Entomologica Italiana* **10**: 118-136.
- GUIGLIA D. (1939a): Imenotteri aculeati raccolti in Eritrea e in Etiopia dal Ten. Colon. Dr. Giorgio INVREA. — *Memorie della Società Entomologica Italiana* **17**: 188-204.
- GUIGLIA D. (1939b): Missione al Lago Tana diretta de G. DAINELLI (1937) — Hymenoptera Aculeata. — *Memorie della Società Entomologica Italiana* **18**: 80-92.
- GUIGLIA D. (1940): Di alcune specie d'Imenotteri aculeati dell'Africa Orientale Italiana delle collezioni del Museo Civico di Storia Naturale di Trieste (Scoliidae, Vespidae, Pompilidae, Sphecidae, Apidae). — *Atti del Museo Civico di Storia Naturale di Trieste* **14** (19): 287-298.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **24** (2): 671-682.

- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- KOHL F.F. (1906): Zoologische Ergebnisse der Expedition der kaiserlichen Akademie der Wissenschaften nach Südarabien und Sokótra im Jahre 1898-1899. Hymenopteren. — Denkschriften der Kaiserlichen Akademie der Wissenschaften Wien, Mathematisch-naturwissenschaftlichen Klasse, **71**: 169-301.
- LAMBORN W.A. (1914): The agricultural pests of the Southern Provinces, Nigeria. — Bulletin of Entomological Research **5** (3): 197-214, pls 17-25.
- LONGSTAFF G.B. (1912): Butterfly Hunting in many Lands. Notes of a Field Naturalist. — London (LONGMAN'S, GREEN & Co): VII-XX, 729 pp, 16 pls.
- MAGRETTI P. (1884a): Raccolte imenotterologiche nell'Africa orientale. Relazione preventiva. — Bullettino della Società Entomologica Italiana **50** (5): 241-253.
- MAGRETTI P. (1884b): Risultati di raccolte imenotterologiche nell'Africa orientale. — Annali del Museo Civico di Storia Naturale di Genova **21**: 523-636.
- MAGRETTI P. (1885): Nel Sudan Orientale. Ricordi d'un viaggio in Africa per studii zoologici. — Atti della Società Italiana di Scienze Naturali **26**: 257-355.
- MAIDL F. (1914): Monographie der Gattung *Synagris* LATREILLE. — Denkschriften der Kaiserlichen Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftlichen Klasse, **91**: 215-333.
- MARSHALL G.A.K. (1902): Common Warning Colours in South African Hymenoptera and the Mimicry of them by Insects of other Orders. — In: MARSHALL G.A.K., Five Years' Observations and Experiments (1896-1901) on the Bionomics of South African Insects, chiefly directed to the Investigation of Mimicry. — Transactions of the Entomological Society of London **1902** (3): 525-535, 571-573, pls 22, 23.
- MARSHALL G.A.K. & E.B. POULTON (1902): Warning Colours and Mimicry (almost wholly Müllerian) in South African Coleoptera. — In: MARSHALL G.A.K., Five Years' Observations and Experiments (1896-1901) on the Bionomics of South African Insects, chiefly directed to the Investigation of Mimicry. — Transactions of the Entomological Society of London **1902** (3): 508-525, 565, pl. 18.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — Transactions of the Entomological Society of London **1915** (3-4): 485-520, pl. 91.
- MEDLER J.T. (1980): Insects of Nigeria – Checklist and Bibliography. — Memoirs of the American Entomological Institute **30**: I-VII, 919 pp.
- MORICE F.D. (1903): New Hymenoptera Aculeata taken by the Swedish Zoological Expedition to Egypt and the White Nile in the Spring of 1901. — Annals and Magazine of Natural History, 8. Series, **12** (72): 610-615.
- MORICE F.D. & G. SZÉPLIGETI (1904): Hymenoptera aculeata from Egypt and the White Nile. — In: JÄGERSKIÖLD L.A. (ed.), Results of The Swedish Zoological Expedition to Egypt and the White Nile 1901 under the Direction of L.A. JÄGERSKIÖLD **1** (14): 11 pp.
- RADOSZKOVSKY O. (1881): Hyménoptères. — Journal de Ciencias Mathematicas, Physicas et Naturales **31**: 197-221.
- ROUBAUD E. (1911): Recherches biologiques sur les guêpes solitaires d'Afrique. — Compte Rendus Hebdomadaires des Séances de l'Académie des Sciences (Paris) **153** (8): 476-480.
- ROUBAUD E. (1916): Recherches biologiques sur les guêpes solitaires et sociales d'Afrique. — Annales Sciences Naturelles, Zoologie, 10. série, **1**: 1-160.

- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Eumèniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — Mémoires de la Société de Physique d'Histoire Naturelle de Genève **17**: 171-244, pl. 2.
- SAUSSURE H. de (1890): Histoire Naturelle des Hyménoptères. — In: GRANDIDIER A. (ed.), Histoire physique, naturelle et politique de Madagascar Volume XX: I-XXI, 1-176, pls 1-20.
- SCHLETTERER A. (1891): Hymenoptera in expeditione sub auspicio regii imperii belgici perfecta in regione Africa ad Congo flumen inferius collecta. — Annales de la Société Entomologique de Belgique **35**: 1-36.
- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. — Revue Zoologique Africaine **6**: 171-189.
- SCHULTHESS-SCHINDLER A. de (1899): La faune entomologique du Delagoa. Hyménoptères. — Bulletin de la Société Vaudoise des Sciences Naturelles **35** (132): 249-277.
- SCHULTHESS-RECHBERG A. von (1913a): Neue äthiopische Eumeniden. — Societas Entomologica **28** (1): 1-3; (2): 6-7.
- SCHULTHESS RECHBERG A. von (1913b): Zoologische Ergebnisse der Expedition des Herrn G. TESSMANN nach Süd-Kamerun und Spanisch-Guinea. — Mitteilungen des Zoologischen Museums in Berlin **6** (3): 337-350.
- SCHULTHESS RECHBERG A. von (1913c): Vespidae. — In: Wissenschaftliche Ergebnisse der Deutschen Zentral-Afrika-Expedition 1907-1908 unter Führung Adolf Friedrichs, Herzog zu Mecklenburg, 4, Zoologie **2**: 291-296.
- SCHULTHESS RECHBERG A. von (1914): Hymenopteren aus Kamerun. Gesammelt von Herrn von ROTHKIRCH, Oberleutnant der Schutztruppe. — Deutsche Entomologische Zeitschrift **1914** (3): 283-297.
- SCHULTHESS A. von (1922a): Vespiden aus Südafrika (Hym.), gesammelt von Professor Dr. Leonhard SCHULTZE, Jena. — Deutsche Entomologische Zeitschrift **1922** (4): 399-405.
- SCHULTHESS A. von (1922b): Wissenschaftliche Ergebnisse der mit Unterstützung der Akademie der Wissenschaften in Wien aus der Erbschaft TREITL von F. WERNER unternommenen Zoologischen Expedition nach dem Anglo-Ägyptischen Sudan (Kordofan). VIII. Hymenoptera B. Vespidae. — Denkschriften der Akademie der Wissenschaften in Wien, Mathematisch-Naturwissenschaftliche Klasse, **98**: 95-99.
- SCHULTHESS A. von (1923): Hymenoptera VI: Vespidae. — In: MICHAELSEN W. (ed.), Beiträge zur Kenntnis der Land- und Süßwasserfauna Deutsch-Südwestafrikas (zur Zeit Mandat Südwest-Afrika). Ergebnisse der Hamburger deutsch-südwestafrikanischen Studienreise 1911. Band **2** (2): 135-140.
- SCHULTHESS A. v. (1928a): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — Senckenbergiana **10** (3-4): 95-100.
- SCHULTHESS A. von (1928b): Zur äthiopischen Vespidenfauna (Hym.). *Rhynchia synagroides* et affinia. — Deutsche Entomologische Zeitschrift **28** (4): 305-335.
- SCHULZ W.A. (1912): Zweihundert alte Hymenopteren. — Zoologische Annalen **4**: 1-220.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- WEAVING A.J.S. (1994): Nesting behaviour in three Afrotropical trap-nesting wasps, *Chalybion laevigatum* (KOHL), *Proepipona meadowaldoi* BEQUAERT and *Tricarinynerus guerinii* (SAUSSURE) (Hymenoptera: Sphecidae, Eumenidae). — Entomologist **113** (3-4): 183-197.

WEAVING A.J.S. (1995): A comparison of nesting success and nesting habits in some Afrotropical aculeate wasps, with particular reference to nest parasites (Hymenoptera: Sphecidae, Eumenidae). — *Annals of the Cape Provincial Museums (Natural History)* **19** (4): 181-224.

ZAVATTARI E. (1911): Catalogo degli Eumenidi del Museo Zoologico di Napoli. — *Annuario del Museo Zoologico della R. Università di Napoli* **3** (19): 6 pp.

Genus *Xanthodynerus* BLÜTHGEN 1954

Description: BLÜTHGEN 1954: 265.

Typus generis: *Odynerus octavus* GIORDANI SOIKA 1943.

Synonym: *Afroxanthodynerus* GIORDANI SOIKA 1979. **new synonym**

Distribution: Ethiopian and Palearctic Region.

Valid species: 5.

***Xanthodynerus baidoensis* (GIORDANI SOIKA 1989) new combination**

Afroxanthodynerus baidoensis n.sp.: GIORDANI SOIKA 1989: 54 (descr. ♂ ♀, Somalia).

Afroxanthodynerus baidoensis GIORDANI SOIKA: BORSATO & RATTI 1999: 68 (cat.).

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

***Xanthodynerus lucidus* GUSENLEITNER 2006**

Xanthodynerus lucidus nova spec.: GUSENLEITNER 2006b: 697 (descr. ♀, Mauretania).

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

***Xanthodynerus nigeriensis* (GIORDANI SOIKA 1979) new combination**

Afroxanthodynerus nigeriensis n.sp.: GIORDANI SOIKA 1979: 243 (typ. gen., descr. ♀, Niger).

Afroxanthodynerus nigeriensis GIORDANI SOIKA: GIORDANI SOIKA 1983: 144 (fig. 28), 145 (tax.), 146 (figs 29, 30).

Afroxanthodynerus nigeriensis GIORDANI SOIKA: GIORDANI SOIKA 1989: 54 (tax., Senegal).

Afroxanthodynerus nigeriensis GIORDANI SOIKA: BORSATO & RATTI 1999: 87 (cat.).

D i s t r i b u t i o n : Niger, Senegal.

***Xanthodynerus octavus* (GIORDANI SOIKA 1943)**

Xanthodynerus octavus (GIORDANI SOIKA): GUSENLEITNER 2006a: 660 (Niger).

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

Known from the Palearctic Region.

***Xanthodynerus tripunctatus* GIORDANI SOIKA 1989**

Xanthodynerus tripunctatus n.sp.: GIORDANI SOIKA 1989: 54 (descr. ♀, Somalia).

Xanthodynerus tripunctatus GIORDANI SOIKA: BORSATO & RATTI 1999: 98 (cat.).

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

References

- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- GIORDANI SOIKA A. (1979): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **30**: 235-246.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **33**: 97-151.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- GUSENLEITNER J. (2006a): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — *Linzer biologische Beiträge* **38** (1): 653-662.
- GUSENLEITNER J. (2006b): Zwei neue Faltenwespen aus Mauretanien (Hymenoptera: Vespidae: Eumeninae). — *Linzer biologische Beiträge* **38** (1): 697-700.

Genus *Zetheumenidion* BEQUAERT 1926

Description: BEQUAERT 1926: 487.

Typus generis: *Eumenes femoratus* von SCHULTHESS-RECHBERG 1910.

Distribution: Ethiopian Region.

Valid species: 5.

Known subspecies: 1.

Zetheumenidion celonitiforme (GIORDANI SOIKA 1944)

Eumenes (Zetheumenidion) celonitiformis n.sp.: GIORDANI SOIKA 1944: 165 (descr. ♂, Tanzania).

Zetheumenidion celonitiformis (GIORDANI SOIKA): GIORDANI SOIKA 1961: 244 (tax.).

Eumenes (Zetheumenidion) celonitiformis GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Tanzania).

Eumenes (Zetheumenidion) celonitiformis GIORDANI SOIKA: BORSATO & RATTI 1999: 71 (tax., cat.).

Zetheumenidion celonitiformis (GIORDANI SOIKA): GUSENLEITNER 2004: 147 (tax., Tanzania).

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

Zetheumenidion femoratum femoratum (von SCHULTHESS-RECHBERG 1910)

Eumenes femoratus nov.sp.: von SCHULTHESS-RECHBERG 1910: 17 (cat.), 18 (descr. ♂ ♀, Botswana, Namibia partim, South Africa).

Eumenes femoratus von SCHULTHESS-RECHBERG: BEQUAERT 1918: 276 (cat.).

Eumenes (Zetheumenidion) femoratus von SCHULTHESS-RECHBERG: BEQUAERT 1926: 487 (typ. subgen.), 489 (key), 493 (tax., descr. ♂ ♀, Botswana, South Africa), 495 (figs 1a-g).

Eumenes (Zetheumenidion) femoratus von SCHULTHESS-RECHBERG: GIORDANI SOIKA 1944: 161 (tax., South Africa).

Zetheumenidion femoratus (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1961: 244 (tax.).

Zetheumenidion femoratus (von SCHULTHESS-RECHBERG): GIORDANI SOIKA 1983: 149 (tax., South Africa).

Zetheumenidion femoratus (von SCHULTHESS-RECHBERG): GESS & GESS 2003: 87 (biol., South Africa), 335 (biol., South Africa), 339 (biol., South Africa), 380 (biol., South Africa), 511 (biol., South Africa).

D i s t r i b u t i o n : Botswana, Namibia, South Africa.

***Zetheumenidion femoratum flavissimum* GIORDANI SOIKA 1987**

Zetheumenidion femoratus flavissimus n.ssp.: GIORDANI SOIKA 1987: 200 (descr. ♀, South Africa).

Zetheumenidion femoratus flavissimus n.ssp.: GIORDANI SOIKA 1989: 66 (descr. ♂ ♀, South Africa).

Zetheumenidion femoratus flavissimus GIORDANI SOIKA: BORSATO & RATTI 1999: 76 (cat.).

D i s t r i b u t i o n : South Africa.

***Zetheumenidion hessei* (GIORDANI SOIKA 1944) new combination**

Eumenes (*Zetheumenidion*) *hessei* n.sp.: GIORDANI SOIKA 1944: 162 (descr. ♂ ♀, South Africa).

Zetheumenidion hessei (GIORDANI SOIKA): GIORDANI SOIKA 1961: 244 (tax.).

Eumenes (*Zetheumenidion*) *hessei* GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., South Africa).

Eumenes (*Zetheumenidion*) *hessei* GIORDANI SOIKA: BORSATO & RATTI 1999: 79 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Zetheumenidion invertitus* (GIORDANI SOIKA 1944)**

Eumenes (*Zetheumenidion*) *invertitus* n.sp.: GIORDANI SOIKA 1944: 164 (descr. ♂, Ethiopia).

Eumenes (*Zetheumenidion*) *invertitus* GIORDANI SOIKA: GIORDANI SOIKA 1952: 76 (Ethiopia).

Zetheumenidion invertitus (GIORDANI SOIKA): GIORDANI SOIKA 1961: 244 (tax.).

Eumenes (*Zetheumenidion*) *invertitus* GIORDANI SOIKA: GIORDANI SOIKA 1973: 37 (tax., Ethiopia).

Eumenes (*Zetheumenidion*) *invertitus* GIORDANI SOIKA: BORSATO & RATTI 1999: 80 (tax., cat.).

Zetheumenidion invertitus (GIORDANI SOIKA): GUSENLEITNER 2003: 172 (tax., Tanzania).

D i s t r i b u t i o n : Ethiopia, Tanzania.

***Zetheumenidion pulchripenne* (CAMERON 1910)**

Eumenes pulchripennis sp.n.: CAMERON 1910: 158 (descr. ♀, South Africa), 160 (key).

Eumenes pulchripennis CAMERON: von SCHULTHESS 1913: 14 (syn. of *Eumenes femoratus*).

Zetheumenidion pulchripennis (CAMERON): GIORDANI SOIKA 1983: 148 (tax., Botswana, Namibia, South Africa, Zimbabwe).

**Eumenes femoratus* nov.sp.: von SCHULTHESS-RECHBERG 1910: Namibia: ♀ Grootfontain).

Eumenes femoratus von SCHULTHESS-RECHBERG: BEQUAERT 1918: 276 (cat. partim).

Eumenes femoratus von SCHULTHESS-RECHBERG: BEQUAERT 1926: 493 (partim).

**Eumenes* (*Zetheumenidion*) *paeneplanus* n.sp.: BEQUAERT 1926: 489 (key), 498 (descr. ♂ ♀, South Africa, Zimbabwe), 499 (figs 2a-d).

Eumenes (*Zetheumenidion*) *paeneplanus* BEQUAERT: GIORDANI SOIKA 1944: 163 (tax., Namibia).

Zetheumenidion paeneplanus (BEQUAERT): GIORDANI SOIKA 1961: 244 (tax.).

Eumenes (*Zetheumenidion*) *paeneplanus* BEQUAERT: GIORDANI SOIKA 1983: 148 (syn.).

D i s t r i b u t i o n : Botswana, Namibia, South Africa, Zimbabwe.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.

- BEQUAERT J. (1926): The genus *Eumenes* in South Africa with a revision of the Ethiopian species. — *Annals of the South African Museum* **23** (3): 484-577.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — *Memorie della Società Entomologica Italiana* **77**: 43-103.
- CAMERON P. (1910): On the aculeate Hymenoptera collected by Mr. A.J.T. JANSE, Normal College, Pretoria, in the Transvaal. — *Annals of the Transvaal Museum* **2** (3): 116-167.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GIORDANI SOIKA A. (1944): Contributo alla conoscenza dei vespidi solitari e sociali della regione etiopica. — *Atti dell'Istituto Veneto di Scienze, Lettere et Arti*, **103** (2): 149-178.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1961): Les lignées philetiques des *Eumenes* s.l. du globe (Hym. Vesp.). — *Verhandlungen des XI. Internationalen Kongresses für Entomologie*, Wien, 17. bis 25. August 1960, **1**: 240-245.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1983): Contributo alla conoscenza Eumenidi afrotropicale. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **33**: 97-151.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- GIORDANI SOIKA A. (1989): Terzo contributo alla conoscenza degli Eumenidi afrotropicali. — *Lavori – Società Veneziana di Scienze Naturali* **14** (1): 19-68.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — *Linzer biologische Beiträge* **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — *Linzer biologische Beiträge* **36** (1): 137-149.
- SCHULTHESS-RECHBERG A. von (1910): Systematische Uebersicht der äthiopischen *Eumenes*arten (Hymenoptera, Vespidae) und vorläufige Beschreibung einiger neuer Arten und Varietäten. — *Societas Entomologica* **25** (5): 17-19.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.

Genus *Zethus* FABRICIUS 1804

Description: FABRICIUS 1804: 282.

Typus generis: *Vespa coeruleopennis* FABRICIUS 1798.

Distribution: Australian, Ethiopian, Nearctic, Neotropical and Oriental Region.

Subgenus: *Zethus* FABRICIUS 1804.

Valid species: 14.

***Zethus (Zethus) aethiopicus* GIORDANI SOIKA 1940**

Zethus aethiopicus n.sp.: GIORDANI SOIKA 1940a: 131 (figs 1.5, 12), 132 (key), 135 (descr. ♂, Eritrea).

Zethus aethiopicus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., Eritrea).

Zethus (Zethus) aethiopicus GIORDANI SOIKA: GIORDANI SOIKA 1979a: 24 (key), 49 (fig. 38), 50 (tax., Eritrea, Ethiopia), 51 (fig. 40, 41).

Zethus aethiopicus GIORDANI SOIKA: BORSATO & RATTI 1999: 65 (cat.).

Zethus aethiopicus GIORDANI SOIKA: GUSENLEITNER 2002: 304 (Tanzania).

D i s t r i b u t i o n : Eritrea, Ethiopia, Tanzania.

***Zethus (Zethus) bilaminatus* GIORDANI SOIKA 1940**

Zethus bilaminatus n.sp.: GIORDANI SOIKA 1940a: 131 (figs 1.3, 10), 132 (key), 134 (descr. ♂, Namibia).

Zethus bilaminatus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., Namibia).

Zethus (Zethus) bilaminatus GIORDANI SOIKA: GIORDANI SOIKA 1979a: 23 (key), 37 (figs 21, 23), 40 (tax., ♂ ♀, figs 26-28, Namibia, South Africa, Zambia).

Zethus bilaminatus GIORDANI SOIKA: BORSATO & RATTI 1999: 69 (cat.).

Zethus bilaminatus GIORDANI SOIKA: GESS & GESS 2003: 88 (biol., South Africa), 330 (biol., South Africa).

D i s t r i b u t i o n : Namibia, South Africa, Zambia.

***Zethus (Zethus) brooksi* GIORDANI SOIKA 1992**

Zethus brooksi n.sp.: GIORDANI SOIKA 1992: 44 (descr. ♂, South Africa).

Zethus brooksi GIORDANI SOIKA: BORSATO & RATTI 1999: 70 (cat.).

D i s t r i b u t i o n : South Africa.

***Zethus (Zethus) delagoensis* de SCHULTHESS-SCHINDLER 1899**

Zethus (Calligaster) delagoensis n.sp.: de SCHULTHESS-SCHINDLER 1899: 270 (descr. ♀, Mozambique).

Calligaster delagoensis (de SCHULTHESS-SCHINDLER): von DALLA TORRE 1904: 17 (tax., cat.).

Zethus delagoensis de SCHULTHESS-SCHINDLER: BEQUAERT 1918: 271 (tax., cat.).

Zethus delagoensis de SCHULTHESS-SCHINDLER: BEQUAERT 1928: 152 (tax., Mozambique, South Africa, Zimbabwe).

Zethus delagoensis de SCHULTHESS-SCHINDLER: GIORDANI SOIKA 1940a: 131 (figs 1.8, 13), 132 (key), 133 (key), 136 (Kenya, Mozambique, South Africa, Zimbabwe).

Zethus (Zethus) delagoensis de SCHULTHESS-SCHINDLER: GIORDANI SOIKA 1979a: 22 (key, fig. 1), 25 (tax., descr. ♂ ♀, Mozambique, South Africa, Zimbabwe), 26 (figs 4, 5), 28 (figs 8-11).

**Discoelius transvaalensis* n.sp.: BINGHAM 1902: 218 (descr. ♀, South Africa).

Discoelius transvaalensis BINGHAM: von DALLA TORRE 1904: 18 (cat.).

Discoelius transvaalensis BINGHAM: BEQUAERT 1918: 271 (syn.).

D i s t r i b u t i o n : Kenya, Mozambique, South Africa, Zimbabwe.

***Zethus (Zethus) empeyi* GIORDANI SOIKA 1979**

Zethus (Zethus) empeyi n.sp.: GIORDANI SOIKA 1979a: 23 (key), 33 (figs 18, 19), 34 (pl. 2), 36 (tax., descr. ♂ ♀, South Africa), 37 (figs 20, 22).

Zethus empeyi GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

D i s t r i b u t i o n : South Africa.

***Zethus (Zethus) favillaceus* WALKER 1871**

Zethus favillaceus n.sp.: WALKER 1871: 28 (descr. ♂ ♀, Djibouti).

Zethus favillaceus WALKER: de DALLA TORRE 1894: 11 (cat.).

Zethus favillaceus WALKER: von DALLA TORRE 1904: 17 (cat.).

Zethus favillaceus WALKER: BEQUAERT 1918: 271 (cat.).

Zethus (Zethus) favillaceus WALKER: GIORDANI SOIKA 1979a: 22 (fig. 3), 24 (key), 43 (tax., descr. ♂ ♀, Djibouti, Sudan), 44 (pl. 4), 46 (figs 31, 32), 47 (figs 35, 36).

Zethus favillaceus WALKER: GUSENLEITNER 2002: 305 (Tanzania).

Zethus favillaceus WALKER: GUSENLEITNER 2003: 172 (Tanzania).

Zethus favillaceus WALKER: GUSENLEITNER 2004: 148 (Kenya, Tanzania).

**Elimus arabicus* n.sp.: MEADE-WALDO 1910: 40 (descr. ♀, Djibouti).

Elimus arabicus MEADE-WALDO: BEQUAERT 1918: 271 (tax., cat.).

Zethus arabicus (MEADE-WALDO): BEQUAERT 1928: 151 (tax., descr. ♂ ♀, Djibouti, South Africa, Tanzania).

Zethus arabicus (MEADE-WALDO): GIORDANI SOIKA 1940a: 131 (figs 1.4, 11), 132 (key), 135 (tax., Djibouti, South Africa, Zimbabwe).

Zethus arabicus (MEADE-WALDO): GIORDANI SOIKA 1955: 362 (Burundi).

Elimus arabicus MEADE-WALDO: GIORDANI SOIKA 1979a: 43 (syn.).

**Labus maindroni* n.sp.: du BUYSSON 1906: 107 (descr. ♀, Djibouti).

Labus maindroni du BUYSSON: MEADE-WALDO 1911: 450 (key).

Labus maindroni du BUYSSON: BEQUAERT 1918: 274 (cat.).

Labus maindroni du BUYSSON: GIORDANI SOIKA 1979a: 43 (syn.).

Zethus maindroni (du BUYSSON): GIORDANI SOIKA 1983: 153 (tax., cat.).

D i s t r i b u t i o n : Burundi, Djibouti, Kenya, South Africa, Sudan, Tanzania, Zimbabwe.

Known from the Palearctic Region.

***Zethus (Zethus) guineensis* GUSENLEITNER 2005**

Zethus guineensis nova spec.: GUSENLEITNER 2005b: 1178 (descr. ♀, Republic of Guinea).

D i s t r i b u t i o n : Republic of Guinea.

***Zethus (Zethus) namibicus* GUSENLEITNER 1997**

Zethus namibicus nov.spec.: GUSENLEITNER 1997: 775 (descr. ♂ ♀, Namibia).

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

***Zethus (Zethus) pubescens* SMITH 1857**

Zethus ? pubescens n.sp.: SMITH 1857: 9 (descr. ♀, South Africa).

Zethus pubescens SMITH: de DALLA TORRE 1894: 13 (cat.).

Zethus (?) pubescens SMITH: von DALLA TORRE 1904: 16 (cat.).

Zethus pubescens SMITH: BEQUAERT 1918: 271 (tax., cat.).

Zethus pubescens SMITH: SALT 1927: 183 (biol., South Africa).

Zethus pubescens SMITH: BEQUAERT 1928: 153 (tax., Mozambique (♂ ♂), South Africa).

Zethus pubescens SMITH: SALT & BEQUAERT 1929: 251 (cat.).

Zethus pubescens SMITH: GIORDANI SOIKA 1940a: 130 (key), 131 (figs 1.1, 9), 133 (tax., descr. ♂, Ethiopia, Mozambique partim, South Africa, Zimbabwe).

Zethus pubescens SMITH: GIORDANI SOIKA 1940b: 283 Ethiopia).

Zethus pubescens SMITH: GIORDANI SOIKA 1973: 23 (tax., South Africa).

Zethus (Zethus) pubescens SMITH: GIORDANI SOIKA 1979a: 22 (fig. 2), 23 (key), 32 (tax., descr. ♂ ♀, Democratic Republic of Congo, South Africa, Zambia, Zimbabwe), 33 (figs 16, 17).

D i s t r i b u t i o n : Democratic Republic of Congo, Ethiopia, Mozambique, South Africa, Zambia, Zimbabwe.

***Zethus (Zethus) rhodesianus* GIORDANI SOIKA 1940**

Zethus rhodesianus n.sp.: GIORDANI SOIKA 1940a: 131 (figs 1.7, 14), 132 (key), 133 (key), 136 (descr. ♂ ♀, South Africa, Zimbabwe).

Zethus rhodesianus GIORDANI SOIKA: GIORDANI SOIKA 1973: 24 (tax., South Africa, Zimbabwe).

Zethus (Zethus) rhodesianus GIORDANI SOIKA: GIORDANI SOIKA 1979a: 22 (key), 26 (figs 6, 7), 29 (pl. 1), 30 (tax., descr. ♂ ♀, figs 12-15, Democratic Republic of Congo, Kenya, Malawi, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe).

Zethus rhodesianus GIORDANI SOIKA: BORSATO & RATTI 1999: 92 (cat.).

D i s t r i b u t i o n : Democratic Republic of Congo, Kenya, Malawi, Mozambique, South Africa, Tanzania, Zambia, Zimbabwe.

***Zethus (Zethus) rodhaini* BEQUAERT 1918**

Zethus rodhaini n.sp.: BEQUAERT 1918: 33 (descr. ♀, figs 2-5, Democratic Republic of Congo), pl. 1 (fig. 5), 270 (cat.).

Zethus rodhaini BEQUAERT: SCHOUTEDEN 1919: 172 (Democratic Republic of Congo).

Zethus rodhaini BEQUAERT: GIORDANI SOIKA 1940a: 129 (key), 133 (tax., Democratic Republic of Congo).

Zethus (Zethus) rodhaini BEQUAERT: GIORDANI SOIKA 1979a: 22 (key), 41 (tax., Democratic Republic of Congo), 42 (figs 29, 30).

Zethus rodhaini BEQUAERT: GIORDANI SOIKA 1989: 28 (Gabon).

D i s t r i b u t i o n : Democratic Republic of Congo, Gabon.

***Zethus (Zethus) rothschildanus* (du BUYSSON 1906)**

Labus rothschildanus n.sp.: du BUYSSON 1906: 106 (descr. ♂, Kenya).

Labus rothschildanus du BUYSSON: MEADE-WALDO 1911: 451 (key).

Labus rothschildanus du BUYSSON: BEQUAERT 1918: 274 (cat.).

Labus rothschildanus du BUYSSON: du BUYSSON 1922: 973 (descr. ♂, Kenya), pl. 1h8 (fig. 4).

Zethus rothschildanus (du BUYSSON): GIORDANI SOIKA 1940a: 130 (key), 131 (fig. 1.2), 134 (tax., Ethiopia, Kenya).

Zethus rothschildanus (du BUYSSON): GIORDANI SOIKA 1940b: 283 (Ethiopia).

Zethus (Zethus) rothschildanus (du BUYSSON): GIORDANI SOIKA 1979a: 23 (key), 37 (descr. ♂, Kenya), 38 (figs 24, 25), 39 (pl. 3).

Zethus (Zethus) rothschildanus (du BUYSSON): GIORDANI SOIKA 1983: 153 (cat.).

D i s t r i b u t i o n : Ethiopia, Kenya.

***Zethus (Zethus) senegalensis* GIORDANI SOIKA 1979**

Zethus (Zethus) senegalensis n.sp.: GIORDANI SOIKA 1979a: 25 (key), 46 (figs 33, 34), 47 (fig. 37), 48 (descr. ♂ ♀, Burundi, Niger, Senegal), 49 (figs 33, 34).

Zethus senegalensis GIORDANI SOIKA: GIORDANI SOIKA 1979b: 235 (Niger).

Zethus senegalensis GIORDANI SOIKA: GIORDANI SOIKA 1989: 27 (Burkina Faso).

Zethus senegalensis GIORDANI SOIKA: GUSENLEITNER 1992: 672 (Mali, Senegal).

Zethus senegalensis GIORDANI SOIKA: BORSATO & ROSSI 1999: 94 (cat.).

Zethus senegalensis GIORDANI SOIKA: GUSENLEITNER 2005a: 412 (Burkina Faso).

Zethus senegalensis GIORDANI SOIKA: GUSENLEITNER 2006: 661 (Niger).

D i s t r i b u t i o n : Burkina Faso, Burundi, Mali, Niger, Senegal.

***Zethus (Zethus) yarrowi* GIORDANI SOIKA 1979**

Zethus (Zethus) yarrowi n.sp.: GIORDANI SOIKA 1979a: 24 (key), 49 (fig. 39), 50 (descr. ♂ ♀, Mozambique, Namibia, South Africa, Zimbabwe), 51 (figs 42, 43).

Zethus yarrowi GIORDANI SOIKA: GESS & GESS 1994: 104 (table 3: biol., South Africa).

Zethus yarrowi GIORDANI SOIKA: BORSATO & RATTI 1999: 100 (cat.).

Zethus yarrowi GIORDANI SOIKA: GESS & GESS 2003: 87 (biol., South Africa), 374 (biol., South Africa).

Zethus yarrowi GIORDANI SOIKA: GUSENLEITNER 2007: 964 (Kenya).

**Zethus pubescens* SMITH: GIORDANI SOIKA 1935: 1 (Mozambique).

Zethus pubescens SMITH: GIORDANI SOIKA 1940a: 130 (key), 131 (figs 1.1, 9), 133 (Mozambique partim).

D i s t r i b u t i o n : Kenya, Mozambique, Namibia, South Africa, Zimbabwe.

References

- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BEQUAERT J. (1928): A Study of certain Types of Diplopterous Wasps in the Collection of the British Museum. — Annals and Magazine of Natural History, 10. series, **2** (7): 138-176.
- BINGHAM C.T. (1902): On the Hymenoptera collected by Mr. W.L. DISTANT in the Transvaal, South Africa, with Descriptions of supposed new Species. — Annals and Magazine of Natural History, 7. series, 10 (57): 207-222.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- BUYSSON R. du (1906): Hyménoptères nouveaux. — Revue d'Entomologie **25**: 103-112.
- BUYSSON R. du (1922): Vespides, Euménides, Masarides, Chrysidides, Scoliides. — In: Voyage de M. Le Baron Maurice de ROTHSCHILD en Éthiopie et en Afrique Orientale Anglaise (1904-1905). Résultats Scientifiques. Animaux Articles **2**: 964-982, pls lh3, 5, 8.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.
- GESS S.K. & F.W. GESS (1994): Potential pollinators of the Cape Group of Crotalariaeae (sensu POLHILL) (Fabales: Papilionaceae), with implications for seed production in cultivated rooibos tea. — African Entomology **2** (2): 97-106.
- GESS S.K. & F.W. GESS (2003): A catalogue of flower visiting records for aculeate wasps and bees in the semi-arid to arid areas of southern Africa. — Grahamstown (Albany Museum): 529 pp.
- GESS S.K. & F.W. GESS (2006): Survey of Flower visiting by Aculeate Wasps and Bees in the semi-arid to arid Areas of southern Africa. — Annals of the Eastern Cape Museums **5**: 1-51.
- GIORDANI SOIKA A. (1935): Contributions à l'étude de la faune du Mozambique. Voyage de M.P. LESNE (1928-1929). 18e note – Hymenoptera, Vespidae. — Memórias e Estudos do Museu Zoológico da Universidade Coimbra, Sér. 1, **82**: 18 pp.
- GIORDANI SOIKA A. (1940a): Le specie etiopiche e malagasse del genere *Zethus* F. (Hym. Vespidae). — Memorie della Società Entomologica Italiana **19**: 129-139.

- GIORDANI SOIKA A. (1940b): Missione Ittiologica in A.O.I. (1937-38). Hymenoptera: Vespidae. — Atti del Museo Civico di Storia Naturale di Trieste **14** (18): 283-286.
- GIORDANI SOIKA A. (1955): Contributions à l'étude de la faune entomologique du Ruanda-Urundi (Mission P. BASILEWSKY 1953) XLII. Hymenoptera. Vespides solitaires. — Annales du Musée Royal du Congo Belge, Zoologie, **36**: 362-367.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — Bollettino del Museo Civico di Storia Naturale di Venezia **24**: 7-53.
- GIORDANI SOIKA A. (1979a): Revisione delle specie etiopiche e malgascse della sottofamiglia Discoeliinae (Hym.). — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 19-65.
- GIORDANI SOIKA A. (1979b): Eumenidi raccolti del Niger, Mali e Sahara centrale da K. GUICHARD. — Bollettino del Museo Civico di Storia Naturale di Venezia **30**: 235-246.
- GIORDANI SOIKA A. (1983): Revisione del genere *Micreumenes* ASHM. (Hym. Vesp.). — Bollettino del Museo Civico di Storia Naturale di Venezia **33**: 153-175.
- GIORDANI SOIKA A. (1989): Eumenidi raccolti nell'Africa occidentale, Camerun e Gabon da A. PAULY (Hymenoptera: Vespoidea, Eumenidae). — Notes Fauniques de Gembloux **20**: 23-67.
- GIORDANI SOIKA A. (1992): Di alcuni Eumenidi nuovi o poco noti (Hymenoptera Vespoidea). — Lavori – Società Veneziana di Scienze Naturali **17**: 41-68.
- GUSENLEITNER J. (1992): Funddaten von Eumeniden und Masariden aus Elfenbeinküste, Ghana, Mali, Senegal und Togo (Hymenoptera, Vespoidea, Eumenidae, Masaridae). — Linzer biologische Beiträge **24** (2): 671-682.
- GUSENLEITNER J. (1997): Eine neue Eumeniden-Gattung und drei Eumeniden-Arten aus dem äthiopischen Afrika (Hymenoptera, Eumenidae). — Linzer biologische Beiträge **29** (2): 771-777.
- GUSENLEITNER J. (2002): Über Eumenidae aus Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **34** (1): 299-305.
- GUSENLEITNER J. (2003): Über Eumenidae aus Kenya und Tanzania (Hymenoptera: Eumenidae). — Linzer biologische Beiträge **35** (1): 167-172.
- GUSENLEITNER J. (2004): Über Vespoidea aus Kenya und Tanzania (Hymenoptera: Vespidae, Eumenidae, Masaridae). — Linzer biologische Beiträge **36** (1): 137-149.
- GUSENLEITNER J. (2005a): Eine Aufsammlung von Faltenwespen in Burkina Faso (Hymenoptera: Eumenidae, Vespidae). — Linzer biologische Beiträge **37** (1): 407-413.
- GUSENLEITNER J. (2005b): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 3 (Hymenoptera, Vespoidea, Eumenidae). — Linzer biologische Beiträge **37** (2): 1177-1198.
- GUSENLEITNER J. (2006): Über eine Aufsammlung von Faltenwespen in Niger (Hymenoptera: Vespidae). — Linzer biologische Beiträge **38** (1): 653-662.
- GUSENLEITNER J. (2007): Über bemerkenswerte Faltenwespen aus der äthiopischen Region Teil 4 (Hymenoptera: Vespidae: Eumeninae, Masarinae). — Linzer biologische Beiträge **39** (2): 957-968.
- MEADE-WALDO G. (1910): New Species of Diploptera in the Collection of the British Museum. Part I. — Annals and Magazine of Natural History, 8. series, **5** (25): 30-51.
- MEADE-WALDO G. (1911): Descriptions of new Species of African Diploptera in the Collection of the British Museum. — Annals and Magazine of Natural History, 8. series, **8** (46): 444-457.
- SALT G. (1927): Notes on the Strepsiptera and their hymenopterous hosts. — Psyche **34** (5): 182-192.
- SALT G. & J. BEQUAERT (1929): Stylopized Vespidae. — Psyche **36** (3): 249-282.

- SCHOUTEDEN H. (1919): Vespides du Congo Belge des collections du Musée de Tervuren. – *Revue Zoologique Africaine* 6: 171-189.
- SCHULTHESS-SCHINDLER A. de (1899): La faune entomologique du Delagoa. Hyménoptères. — *Bulletin de la Société Vaudoise des Sciences Naturelles* 35 (132): 249-277.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- WALKER F. (1871): List of Hymenoptera collected by J.K. LORD, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. JANSON): 59 pp.

Incertae sedis

***Ancistrocerus zairensis ferrugineopetiolatus* GIORDANI SOIKA 1934**

- Ancistrocerus zairensis ferrugineopetiolatus* n.var.: GIORDANI SOIKA 1934: 368 (descr. ♂ ♀, Guinea Bissau, Sudan).
- Ancistrocerus (Parancistrocerus) zairensis* var. *ferrugineopetiolatus* GIORDANI SOIKA: GIORDANI SOIKA 193 6: 33 (key), 38 (Eritrea, Ghana, Guinea Bissau, Nigeria, Sudan).
- Ancistrocerus zairensis* ssp. *ferrugineopetiolatus* GIORDANI SOIKA: GIORDANI SOIKA 1973: 9 (tax., Guinea Bissau, Sudan).
- Ancistrocerus zairensis* ssp. *ferrugineopetiolatus* GIORDANI SOIKA: BORSATTO & RATTI 1999: 100 (cat.).

D i s t r i b u t i o n : Eritrea, Ghana, Guinea Bissau, Nigeria, Sudan.

***Eumenes crassinodus* CAMERON 1910**

- Eumenes crassinoda* n.sp.: CAMERON 1910a: 175 (key), 181 (descr. ♀, Tanzania).
- Labus crassinodus* (CAMERON): MEADE-WALDO 1913: 51 (tax.).
- Nortonia crassinoda* (CAMERON): von SCHULTHESS 1913: 18 (tax.).
- Pachymenes crassinodus* (CAMERON): BEQUAERT 1918: 283 (tax., cat.).

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

***Odynerus cameroni* SCHULZ 1906**

- Odynerus (Lionotus) cameroni* n.nom.: SCHULZ 1906: 219 (tax., South Africa).
- Odynerus (Lionotus) cameroni* SCHULTZ (sic): MEADE-WALDO 1915: 487 (cat.), 491 (key).
- Odynerus (Rygchium) cameroni* SCHULZ: BEQUAERT 1918: 294 (tax., cat.).
- **Odynerus (Leionotus) tegularis* sp.nov.: CAMERON 1905a: 206 (descr. ♂, South Africa).
- Odynerus (Leionotus) tegularis* CAMERON: Meade-Waldo 1915: 487 (syn.).

D i s t r i b u t i o n : South Africa.

***Odynerus combustus* SMITH 1857**

- Odynerus combustus* n.sp.: SMITH 1857: 73 (descr. ♂, Gambia).
- Odynerus combustus* SMITH: de DALLA TORRE 1894: 61 (cat.).
- Odynerus combustus* SMITH: von DALLA TORRE 1904: 42 (cat.).
- Odynerus (Lionotus) combustus* SMITH: MEADE-WALDO 1915: 487 (tax., Gambia, cat.), 496 (key).
- Odynerus (Rygchium) combustus* SMITH: BEQUAERT 1918: 295 (tax., cat.).

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

***Odynerus concinnulus* WALKER 1871**

Odynerus concinnulus n.sp.: WALKER 1871: 32 (key), 38 (descr. ♂, Eritrea).

Odynerus concinnulus WALKER: de DALLA TORRE 1894: 61 (cat.).

Odynerus concinnulus WALKER: von DALLA TORRE 1904: 42 (cat.).

Odynerus concinnulus WALKER: BEQUAERT 1918: 315 (cat.).

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

***Odynerus curvirufolineatus* CAMERON 1910**

Odynerus curvirufolineatus sp.nov.: CAMERON 1910a: 191 (descr. ♂, Tanzania), 196 (cat.).

Odynerus (Lionotus) curvirufolineatus CAMERON: MEADE-WALDO 1913: 53 (key).

Odynerus (Lionotus) curvirufolineatus CAMERON: von SCHULTHESS 1913: 17 (key).

Odynerus (Lionotus) curvirufolineatus CAMERON: MEADE-WALDO 1915: 487 (Tanzania, cat. as *curvirufolincatus*), 496 (key).

Pachymenes curvirufolineatus (CAMERON): BEQUAERT 1918: 283 (cat.).

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

***Odynerus determinatus* CAMERON 1910**

Odynerus determinatus n.sp.: CAMERON 1910b: 163 (descr. ♂, South Africa).

Odynerus (Lionotus) determinatus CAMERON: MEADE-WALDO 1915: 488 (tax., cat.).

Odynerus (Rygchium) determinatus CAMERON: BEQUAERT 1918: 297 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Odynerus erythromus* CAMERON 1905**

Odynerus erythrotomus sp.nov.: CAMERON 1905b: 325 (descr. ♂, South Africa).

Odynerus (Lionotus) erythrotomus CAMERON: MEADE-WALDO 1915: 488 (South Africa, cat.), 497 (tax.).

Odynerus (Rygchium) erythrotomus CAMERON: BEQUAERT 1918: 297 (tax., cat.).

D i s t r i b u t i o n : South Africa.

***Odynerus exceptus* GIORDANI SOIKA 1940**

Odynerus (Rhynchium) exceptus n.sp.: GIORDANI SOIKA 1940: 482 (descr. ♀, Sudan).

Odynerus exceptus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., Sudan).

Odynerus (Rhynchium) exceptus GIORDANI SOIKA: BORSATO & RATTI 1999: 75 (cat.).

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

***Odynerus guineensis* de SAUSSURE 1858**

Odynerus guineensis n.sp.: de SAUSSURE 1858: 167 (descr. ♀, Guinea).

Odynerus (Odynerus) guineensis n.sp.: de SAUSSURE 1863: 227 (descr. ♀, Guinea).

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

Odynerus (Microdynerus ?) guineensis de SAUSSURE: VON DALLA TORRE 1904: 46 (tax., cat.).

Odynerus (Rygchium) guineensis de SAUSSURE: BEQUAERT 1918: 300 (tax., cat.).

D i s t r i b u t i o n : "Guinea".

***Odynerus guttulosis* WALKER 1871**

Odynerus guttulosis n.sp.: WALKER 1871: 33 (key), 36 (descr. ♀, Eritrea).

Odynerus guttulosus WALKER: de DALLA TORRE 1894: 71 (cat.).
Odynerus guttulosus WALKER: von DALLA TORRE 1904: 46 (cat.).
Odynerus guttulosus WALKER: BEQUAERT 1918: 316 (cat.).

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

***Odynerus holosericeus* (RADOSZKOVSKY 1881)**

Rhynchium holosericeum n.sp.: RADOSZKOVSKY 1881: 206 (descr. ♀, Angola).
Rhynchium holosericeum RADOSZKOVSKY: de DALLA TORRE 1894: 46 (cat.).
Rhynchium holosericeum RADOSZKOVSKY: von DALLA TORRE 1904: 34 (cat.).
Odynerus (Rygchium) holosericeus RADOSZKOVSKY: BEQUAERT 1918: 301 (tax., cat.).

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

***Odynerus hottentotus* (de SAUSSURE 1855)**

Odynerus hottentotus n.nom.: de SAUSSURE 1855: 244 (tax., descr. ♀, South Africa).
Odynerus hottentotus de SAUSSURE: SMITH 1857: 71 (cat.).
Odynerus hottentotus de SAUSSURE: de DALLA TORRE 1894: 72 (cat. partim).
Odynerus (Lionotus) hottentota de SAUSSURE: von DALLA TORRE 1904: 47 (tax., cat. partim).
Odynerus (Lionotus) hottentotus de SAUSSURE: MEADE-WALDO 1915: 487 (cat.).
Odynerus hottentotus de SAUSSURE: BEQUAERT 1918: 169 (tax., South Africa), 301 (cat. partim).
Odynerus (Lionotus) spec. vic. *hottentotus* de SAUSSURE: von SCHULTHESS 1928a: 99 (Central African Republic, Democratic Republic of Congo).
Odynerus hottentotus de SAUSSURE: GIORDANI SOIKA 1987: 178 (tax.).
**Odynerus posticus* n.sp.: de SAUSSURE 1853: 214 (descr. ♂, South Africa).

D i s t r i b u t i o n : Central African Republic (?), Democratic Republic of Congo (?), South Africa.

***Odynerus humbei* RADOSZKOVSKY 1881**

Odynerus humbei n.sp.: RADOSZKOVSKY 1881: 205 (descr. ♀, Angola).
Odynerus humbei RADOSZKOVSKY: de DALLA TORRE 1894: 73 (cat.).
Odynerus humbei RADOSZKOVSKY: von DALLA TORRE 1904: 47 (cat.).
Odynerus humbei RADOSZKOVSKY: MEADE-WALDO 1915: 489 (cat.).
Odynerus humbei RADOSZKOVSKY: BEQUAERT 1918: 316 (tax., cat.).

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

***Odynerus instabilis* SMITH 1857**

Odynerus instabilis n.sp.: SMITH 1857: 73 (descr. ♂ ♀, Gambia).
Odynerus instabilis SMITH: de DALLA TORRE 1894: 74 (cat.).
Odynerus instabilis SMITH: von DALLA TORRE 1904: 47 (cat.).
Odynerus instabilis SMITH: MEADE-WALDO 1915: 503 (type lost, cat.).
Odynerus instabilis SMITH: BEQUAERT 1918: 316 (tax., cat.).

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

***Odynerus kilimandjaroensis* CAMERON 1910**

Odynerus kilimandjaroensis sp.nov.: CAMERON 1910a: 189 (descr. ♂ ♀, Tanzania), 196 (cat.).
Odynerus (Lionotus) kilimandjaroensis CAMERON: MEADE-WALDO 1913: 53 (key).
Odynerus kilimandjaroensis CAMERON: von SCHULTHESS 1913: 18 (key).

Odynerus (Lionotus) kilimandjaroensis CAMERON: MEADE-WALDO 1915: 487 (Tanzania, cat.), 495 (key).

Odynerus (Rygchium) kilimandjaroensis CAMERON: BEQUAERT 1918: 303 (tax., cat.).

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

***Odynerus notabilis* WALKER 1871**

Odynerus notabilis n.sp.: WALKER 1871: 33 (key as *mutabilis*), 38 (descr. ♂, Eritrea).

Odynerus notabilis WALKER: de DALLA TORRE 1894: 82 (cat.).

Odynerus notabilis WALKER: von DALLA TORRE 1904: 50 (cat. (Arabia = Eritrea)).

Odynerus notabilis WALKER: BEQUAERT 1918: 316 (tax., cat.).

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

***Odynerus obscurus* RADOSZKOVSKY 1881**

Odynerus obscurus nov.sp.: RADOSZKOVSKY 1881: 204 (Angola).

Odynerus obscurus RADOSZKOVSKY: de DALLA TORRE 1894: 83 (cat.).

Odynerus obscurus RADOSZKOVSKY: von DALLA TORRE 1904: 50 (cat.).

Odynerus obscurus RADOSZKOVSKY: MEADE-WALDO 1915: 489 (cat.).

Odynerus obscurus RADOSZKOVSKY: BEQUAERT 1918: 316 (tax., cat.).

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

***Odynerus proterrens brazzai* GIORDANI SOIKA 1937**

Odynerus (Rhynchium) proterrens brazzai n.var.: GIORDANI SOIKA 1937: 314 (key), 318 (key), 357 (descr. ♂, Republic of Congo, Uganda, Zimbabwe).

Pseudepipona (Kalliepipona) proterrens var. *brazzai* (GIORDANI SOIKA): GIORDANI SOIKA 1952: 81 (tax.).

Pseudepipona (Parepipona) proterrens var. *brazzai* (GIORDANI SOIKA): GIORDANI SOIKA 1957: 477 (tax.).

Pseudepipona (Anthodynerus) proterrens brazzai (GIORDANI SOIKA): GIORDANI SOIKA 1961: 455 (tax.).

Antodynerus proterrens brazzai (GIORDANI SOIKA): GIORDANI SOIKA 1965: 47 (tax.).

Odynerus proterrens brazzai GIORDANI SOIKA: GIORDANI SOIKA 1973: 18 (tax., Republic of Congo, Uganda).

Odynerus (Rhynchium) proterrens brazzai GIORDANI SOIKA: BORSATO & RATTI 1999: 91 (tax., cat.).

D i s t r i b u t i o n : Republic of Congo, Uganda, Zimbabwe.

***Odynerus scottianus* GIORDANI SOIKA 1940**

Odynerus (Rhynchium) scottianus n.nom.: GIORDANI SOIKA 1940: 484 (tax., replacement name for *Odynerus mutabilis* sensu GIORDANI SOIKA 1937).

Odynerus scottianus GIORDANI SOIKA: GIORDANI SOIKA 1973: 23 (tax., Ethiopia, Kenya).

Odynerus scottianus GIORDANI SOIKA: BORSATO & ROSSI 1999: 94 (cat.).

**Odynerus (Rygchium) mutabilis* de SAUSSURE: SCOTT 1933 (In: BENSON et al.): 119 (Ethiopia, Kenya).

Odynerus (Rhynchium) mutabilis de SAUSSURE: GIORDANI SOIKA 1937: 314 (key), 317 (key), 357 (tax., descr. ♂ ♀, Ethiopia, Kenya), 359 (figs 6.1-5).

D i s t r i b u t i o n : Ethiopia, Kenya.

***Odynerus signatus* de SAUSSURE 1855**

Odynerus (Odynerus) signatus n.sp.: de SAUSSURE 1855: 258 (descr. ♀, South Africa).

Odynerus signatus de SAUSSURE: SMITH 1857: 74 (cat.).

Odynerus signatus de SAUSSURE: de DALLA TORRE 1894: 96 (cat.).

Odynerus (Lionotus) signatus de SAUSSURE: von DALLA TORRE 1904: 54 (tax., cat.).

Odynerus (Lionotus) signatus SMITH (sic): MEADE-WALDO 1915: 487 (South Africa, cat.), 493 (key).

Odynerus (Rygchium) signatus de SAUSSURE: BEQUAERT 1918: 311 (tax., cat.).

Distribution: South Africa.

***Rhynchium ferrugineum* RADOSZKOVSKY 1881**

Rhynchium ferrugineum n.sp.: RADOSZKOVSKY 1881: 205 (descr. ♂, Angola).

Rhynchium ferrugineum RADOSZKOVSKY: de DALLA TORRE 1894: 44 (cat.).

Rhynchium ferrugineum RADOSZKOVSKY: von DALLA TORRE 1904: 33 (cat.).

Odynerus (Rygchium) ferrugineus (RADOSZKOVSKY): BEQUAERT 1918: 298 (tax., cat.).

Distribution: Angola.

***Rhynchium proserpinum* von SCHULTHEB 1923**

Rhynchium proserpina nov.spec.: von SCHULTHEB 1923: 2 (descr. ♂, Zambia).

Rhynchium proserpina von SCHULTHEB: von SCHULTHEB 1928b: 308 (key), 319 (tax., descr. ♂, Zambia).

Distribution: Zambia.

References

- BENSON R.B., BEQUAERT J., SCHULTHESS A. v. & H. SCOTT (1933): Entomological Expedition to Abyssinia, 1926-7. Hymenoptera III. — Annals and Magazine of Natural History, 10. series, **12** (67): 97-120.
- BEQUAERT J. (1918): A revision of the Vespidae of the Belgian Congo based on the Collection of the American Museum Congo Expedition, with a list of the Ethiopian Diplopterous Wasps. — Bulletin of the American Museum of Natural History **39** (1): 1-384.
- BORSATO W. & E. RATTI (1999): Antonio GIORDANI SOIKA (1913-1997): la produzione scientifica. — Memorie della Società Entomologica Italiana **77**: 43-103.
- CAMERON P. (1905a): On the Hymenoptera of the Albany Museum, Grahamstown, South Africa (Second paper). — Records of the Albany Museum **1** (4): 185-244.
- CAMERON P. (1905b): On some new species of Hymenoptera collected by the Revd. J.A. O'NEIL, S.J., chiefly at Dunbrody, Cape Colony. — Records of the Albany Museum **1** (5): 315-330.
- CAMERON P. (1910a): Vespidae. — In: SJÖSTEDT Y. (ed.), Wissenschaftliche Ergebnisse der Schwedischen Zoologischen Expedition nach dem Kilimandjaro, dem Meru und den umgebenden Massaissteppen unter der Leitung von Prof. Dr. Yngve SJÖSTEDT **2**: 169-196.
- CAMERON P. (1910b): On the aculeate Hymenoptera collected by Mr. A. J.T. JANSE, Normal College, Pretoria, in the Transvaal. — Annals of the Transvaal Museum **2** (3): 116-167.
- DALLA TORRE C.G. de (1894): Catalogus hymenopterorum hucusque descriptorum et systematicus et synonymicus 10: Vespidae (Diploptera). — Leipzig (Wilhelm ENGELMANN): I-VIII, 181 pp.
- DALLA TORRE K.W. von (1904): Hymenoptera Fam. Vespidae. — In: WYTSMAN P. (ed.), Genera Insectorum **19**: 108 pp.

- GIORDANI SOIKA A. (1934): Di alcuni eumenini raccolti de L. FEA nella Guinea portoghese. — *Annali del Museo Civico di Storia Naturale di Genova* **56**: 367-381.
- GIORDANI SOIKA A. (1936): Gli *Ancistrocerus* della regione etiopica (Hym. Vespidae). — *Revue Française d'Entomologie* **3** (1): 32-45.
- GIORDANI SOIKA A. (1937): Monografia degli *Odynerus* etiopici, parte seconda. — *Annali del Museo Civico di Storia Naturale di Genova* **59**: 297-362.
- GIORDANI SOIKA A. (1940): Monografia degli *Odynerus* etiopici. Supplemento primo (Hymen. Vespidae). — *Annali del Museo Civico di Storia Naturale di Genova* **60**: 469-484.
- GIORDANI SOIKA A. (1952): Missione Biologica Sagan-Omo diretta dal Prof. Edoardo ZAVATTARI: Hymenoptera Vespidae. — *Rivista di Biologia Coloniale* **11**: 73-89.
- GIORDANI SOIKA A. (1957): 31: Hymenoptera: Vespidae. — In: *British Museum Expedition to South West Arabia 1937-38* **1**: 471-484.
- GIORDANI SOIKA A. (1961): Hymenoptera (Aculeata): Vespidae. — In: HANSTROM B., BRINCK P. & G. RUDEBECK (eds), *South Africal Animal Life* **8**: 440-451.
- GIORDANI SOIKA A. (1965): Notulae vespilogicae XXIII. Descrizione dei tre nuovi Eumenidi dell'Africa occidentale. — *Bollettino della Società Entomologica Italiana* **95** (3-4): 46-51.
- GIORDANI SOIKA A. (1973): Designazione di Lectotipi ed elenco dei tipi di Eumenidi, Vespidi e Masaridi da me descritti negli anni 1934-1960. — *Bollettino del Museo Civico di Storia Naturale di Venezia* **24**: 7-53.
- GIORDANI SOIKA A. (1987): Nuovo contributo alla conoscenza degli Eumenidi afrotropicali (Hymenoptera). — *Bollettino del Museo Civico di Storia Naturale di Venezia* **36**: 117-214.
- MEADE-WALDO G. (1913): New Species of Diploptera in the Collection of the British Museum. Part IV. — *Annals and Magazine of Natural History*, 8. series, **11** (61): 44-54.
- MEADE-WALDO G. (1915): A revision of the species of the genus *Odynerus* occurring in the Ethiopian region. — *Transactions of the Entomological Society of London* **1915** (3-4): 485-520, pl. 91.
- RADOSZKOWSKY O. (1876): Comte-rendu des Hyménoptères recueillis en Egypt et Abyssinie in 1873. — *Horae Societatis Entomologicae Rossicae* **12** (1): 111-116; (2): 117-150.
- RADOSZKOVSKY O. (1881): Hyménoptères. — *Journal de Ciencias Mathematicas, Physicas et Naturales* **31**: 197-221.
- SAUSSURE H. de (1852-1853): Études sur la famille des Vespides I: Monographie des Guépes solitaires, ou de la tribu des Eumèniens. — Genève (CHERBULIEZ) & Paris (MASSON): 268 pp.
- SAUSSURE H. de (1854-1856): Études sur la famille des Vespides III: La monographie des Masariens et un supplément a la monographie des Eumèniens. — Genève (KESSMANN & CHERBULIEZ): 352 pp.
- SAUSSURE H. de (1858): Note sur la famille des Vespides. — *Revue et Magasin de Zoologie pure et appliquée*, 2^e série, **10**: 162-171.
- SAUSSURE H. de (1863): Melanges Hyménoptérologiques II. — *Mémoires de la Société de Physique d'Histoire Naturelle de Genève* **17**: 171-244, pl. 2.
- SCHULTHESS A. von (1913): Vespiden aus dem Stockholmer Museum II. Kritik der CAMERON'schen Vespidenbestimmungen von Professor SJÖSTEDT's Kilimandjaro-Expedition. — *Arkiv för Zoologi* **8** (2-3: 17): 24 pp.
- SCHULTHESS A. v. (1923): Neue äthiopische Eumenidinen (Vespiden). — *Verhandlungen der Zoologisch-Botanischen Gesellschaft in Wien* **73**: 1-3.
- SCHULTHESS A. von (1928a): Die von der Zweiten Deutschen Zentral-Afrika-Expedition 1910-1911 mitgebrachten Vespiden (Ins. Hym.). — *Senckenbergiana* **10** (3-4): 95-100.

- SCHULTHEB A. von (1928b): Zur äthiopischen Vespidenfauna (Hym.). *Rhynchia synagroides* et affinia. — Deutsche Entomologische Zeitschrift **28** (4): 305-335.
- SCHULZ W.A. (1906): Strandgut. — In: SCHULZ W.A.: Spolia Hymenopterologica. — Paderborn (Junfermannsche Buchhandlung Albert PAPE): 76-269.
- SMITH F. (1857): Catalogue of the Hymenopterous Insects in the Collection of the British Museum. Part 5. Vespidae. — London: 147 pp.
- WALKER F. (1871): List of Hymenoptera collected by J.K. LORD, Esq. in Egypt, in the neighbourhood of the Red Sea, and in Arabia. With descriptions of the new species. — London (E.W. JANSON): 59 pp.

Zusammenfassung

Die Gattungen *Delta* de SAUSSURE 1885 bis *Zethus* FABRICIUS 1804 werden alphabetisch abgehandelt. Arten, deren systematische Stellung nicht geklärt ist, werden als incerate sedis zusammengefaßt. Zahlreiche taxonomischen Änderungen werden vorgenommen.

Author's addresses:

James M. CARPENTER
Division of Invertebrate Zoology
American Museum of Natural History
Central Park West at 79th Street, New York NY 10024, U.S.A.
E-mail: carpen~~t~~e@amnh.org.

Josef GUSENLEITNER
Pfitznerstraße 31
A-4020 Linz, Austria
E-mail: j.gusenleitner@utanet.at

Michael MADL
Internationales Institut für Entomologie (2. Zoologische Abteilung)
Naturhistorisches Museum, Burgring 7
A-1010 Wien, Austria
E-mail: michael.madl@nhm-wien.ac.at