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A catalogue of the family Figitidae (Hymenoptera: Cynipoidea) of Eritrea

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A b s t r a c t : In Eritrea the family Figitidae is represented by one species each of the genera *Anacharoides* CAMERON, 1904 (subfamily Aspicerinae) and *Apocharips* FERGUSON, 1986 (subfamily Charipinae).

Key words: Figitidae, Aspicerinae, *Anacharoides*, Charipinae, *Apocharips*, catalogue, Eritrea.

Introduction

Recently the Afrotropical Cynipoidea have been reviewed by VAN NOORT et al. (2015). The paper includes keys to families, subfamilies and genera. A distributional species checklist of each genus is also provided, but no records from Eritrea are erroneously mentioned. They recorded 306 species from the Afrotropical region representing the families Cynipidae, Figitidae, Ibalidae (introduced) and Liopteridae.

Till now only the family Figitidae has been recorded from Eritrea. It is represented by two subfamilies, Aspicerinae and Charipinae. Aspicerinae are parasitoids of Diptera and Charipinae are hyperparasitoids of Aphididae and Psyllidae (Hemiptera) via Braconidae, Aphelinidae and Encyrtidae (Hymenoptera). Each subfamily is represented by only one species.

Abbreviations

Afr. reg..... Afrotropical region
 app..... appendix
 biol. biology
 cat..... catalogue
 descr. description
 design. designation
 fig. (figs)figure (figures)
 syn..... synonym
 tax.taxonomy

Annotated Catalogue

Subfamily *A s p i c e r i n a e*

Anacharoides striaticeps CAMERON, 1904

Anacharoides striaticeps CAMERON, 1904: BUFFINGTON & VAN NOORT 2009: 249 (fig. 1E), 252 (fig. 4A), 257 (key, key figs 5), 258 (fig. 5B), 261 (fig. 7: map), 267 (tax., descr. ♂ ♀, Asmara).

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

Anacharoides striaticeps is widely distributed in the Afrotropical region, but is unknown from the neighbour countries. It is also recorded from the Palaearctic region (Yemen).

Subfamily *C h a r i p i n a e*

Apocharips trapezoidea (HARTIG, 1841)

Apocharips trapezoidea (HARTIG, 1841): FERRER-SUAY, PARETAS-MARTÍNEZ & PUJADE-VILLAR 2013: 487 (world cat. (Eritrea, not Ethiopia)), 488 (tax., type depository), 494 (tax., descr. ♂ ♀, biol., Nefasit), 496 (figs 5a-f), 499 (key).

Apocharips trapezoidea (HARTIG, 1841): FERRER-SUAY, SELFA & PUJADE-VILLAR 2013: 256 (key), 264 (tax., Eritrea (not Ethiopia)).

Apocharips trapezoidea (HARTIG, 1841): VAN NOORT, BUFFINGTON & FORSHAGE 2015: 47 (tax., cat. Afr. reg. (Eritrea, not Ethiopia)), 48 (figs 14A-C).

**Alloxista* (!) *peraperta* sp.n.: SILVESTRI 1915: 244 (biol.), 272 (descr. ♂ ♀, biol., Nefasit), 273 (figs 28.1, 2), 274 (figs 28.1, 2), 274 (figs 29.1-6).

Alloxysta peraptera (!) SILVESTRI, 1915: WELD 1952: 253 (world cat.).

Alloxysta peraperta SILVESTRI, 1915: THOMPSON 1954: 211 (world host-parasite cat.).

Alloxysta peraperta SILVESTRI, 1915: FULMEK 1958: 55 (world host-parasite cat.), 60 (biol.).

Apocharips peraptera (!) (SILVESTRI, 1915): MENKE & EVENHUIS 1991: 149 (tax.), 152 (world cat.).

Apocharips peraperta (SILVESTRI, 1915): FERRER-SUAY et al. 2012: 44 (tax., world cat.), 87 (app. 3: host-parasite cat.).

Apocharips peraperta (SILVESTRI, 1915): FERRER-SUAY, SELFA & PUJADE-VILLAR 2012: 222 (cat. Afr. reg.).

Alloxysta peraperta SILVESTRI, 1915: FERRER-SUAY, PARETAS-MARTÍNEZ & PUJADE-VILLAR 2013: 488 (syn., type depository), 494 (syn., type design. by Ferrer-Suay, Nefasit).

Alloxista (!) *peraptera* (!) SILVESTRI, 1915: VAN NOORT, BUFFINGTON & FORSHAGE 2015: 47 (tax., syn.).

S e c o n d a r y H o s t : *Euphyllura aethiopica* SILVESTRI, 1915 (Hemiptera: Psyllidae).

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

Apocharips trapezoidea is widely distributed in the western Palaearctic region, but there are no records from North Africa and the Saudi Arabian peninsula. In the Afrotropical region records are known from Eritrea, Ghana and Kenya.

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Zusammenfassung

Die Familie Figitidae ist in Eritrea mit je einer Art der Gattungen *Anacharoides* CAMERON, 1904 (Unterfamilie Aspicerinae) und *Apocharips* FERGUSON, 1986 (Unterfamilie Charipinae) vertreten.

References

- DATHE H.H. (2014): Studies on the systematics and taxonomy of the genus *Hylaeus* F. (8) Revision of the Afrotropic subgenus *Hylaeus* (*Deranchylaeus*) BRIDWELL (Hymenoptera: Anthophila, Colletidae). — *Zootaxa* **3874**: 84 pp.
- DALLA TORRE C.G. de (1896): Catalogus hymenopterorum hucusque descriptorum et systematicum et synonymicum. Volumen **10**: Apidae (Anthophila). — Leipzig (Wolfgang Engelmann): I-VIII, 643 pp.
- BUFFINGTON M.L. & S. VAN NOORT (2009): A revision of *Anacharoides* CAMERON, 1904 (Hymenoptera, Figitidae) with a description of a new species. — *ZooKeys* **20**: 245-274.
- FERRER-SUAY M., PARETAS-MARTÍNEZ J. & J. PUJADE-VILLAR (2013): Revision of *Apocharips* FERGUSON (Hymenoptera: Figitidae: Charipinae) with description of three new species from Colombia. — *Zootaxa* **3646** (4): 487-500.
- FERRER-SUAY M., SELFA J. & J. PUJADE-VILLAR (2012): First record of *Alloxysta* FÖRSTER from Madagascar, with descriptions of two new species (Hymenoptera: Cynipoidea: Figitidae: Charipinae). — *African Entomology* **20** (2): 222-228.
- FERRER-SUAY M., PARETAS-MARTÍNEZ J., SELFA J. & J. PUJADE-VILLAR (2012): Taxonomic and synonymic world catalogue of the Charipinae and notes about this subfamily (Hymenoptera: Figitidae: Charipinae). — *Zootaxa* **1376**: 92 pp.
- FERRER-SUAY M., SELFA J. & J. PUJADE-VILLAR (2012): First record of *Alloxysta* FÖRSTER from Madagascar, with descriptions of two new species (Hymenoptera: Cynipoidea: Figitidae: Charipinae). — *African Entomology* **20** (2): 222-228.
- FULMEK L. (1958): Die Parasitinsekten der Blattflöhe (Psyllidae). — *Entomologisches Nachrichtenblatt Österreichischer und Schweizer Entomologen* **10** (3): 53-60.
- MENKE A.S. & H.H. EVENHUIS (1991): North American Charipidae: Key to genera, Nomenclature, Species Checklists, and a new Species of *Dilyta* FÖRSTER (Hymenoptera: Cynipoidea). — *Proceedings of the Entomological Society of Washington* **93** (1): 136-158.
- NOORT S. VAN, BUFFINGTON M.L. & M. FORSHAGE (2015): Afrotropical Cynipoidea (Hymenoptera). — *ZooKeys* **493**: 1-176.
- SILVESTRI F. (1915): Contributo alla conoscenza degli insetti dell'olivo dell'Eritrea e dell'Africa meridionale. — *Bollettino del Laboratorio di Zoologia Generale e Agraria della R. Scuola Superiore d'Agricoltura in Portici* **9**: 240-304.
- THOMPSON W.R. (1954): A Catalogue of the Parasites and Predators of Insect Pests, Section 2 Host Parasite Catalogue Part 3 Hosts of the Hymenoptera (Calliceratid to Evaniid). — Ottawa (Commonwealth Institute of Biological Control): 191-332.
- WELD L.H. (1952): Cynipoidea (Hymenoptera) 1905-1950. — Ann Arbor (privately published): 357 pp.

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