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A catalogue of the Bethylidae (Hymenoptera, Chrysidoidea) of Eritrea

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A b s t r a c t : In Eritrea the family Bethylidae is represented by six species of the subfamilies Epyrinae and Pristocerinae. Five species of Epyrinae representing the genera *Epyris* WESTWOOD, 1832 (two species), *Holepyris* KIEFFER, 1905 (one species), and *Tracheypyris* KIEFFER, 1905 (two species) and one species of the genus *Pristocera* KLUG, 1808 (Pristocerinae) are catalogued.

K e y w o r d s : Epyrinae, *Epyris*, *Holepyris*, *Rhabdepyris*, *Tracheypyris*, Pristocerinae, *Pristocera*

Introduction

In the Afrotropical Region the family Bethylidae is represented by five subfamilies. Bethylids are known as parasitoids of Coleoptera and Lepidoptera. As the hosts can be of economic importance, some species are used in biological control.

In Eritrea the family Bethylidae is represented by the subfamilies Epyrinae and Pristocerinae, of which only six species are known. The Epyrinae are represented by the genera *Epyris* WESTWOOD, 1832 (one species), *Holepyris* KIEFFER, 1905 (one species), *Rhabdepyris* KIEFFER, 1904 (one species) and *Tracheypyris* KIEFFER, 1905 (two species). The Pristocerinae is represented only by the genus *Pristocera* KLUG, 1808 (one species). There are no host records from Eritrea.

Abbreviations

- ann.....annexe
- cat.....catalogue
- descr.....description
- fig. (figs)figure(s)
- typ. gen.....typus generis
- syn.....synonym
- tax.taxonomy

Annotated catalogue

Subfamily E p y r i n a e

Epyris geniculatus KIEFFER, 1904

Epyris geniculatus n.sp.: KIEFFER 1904: 396 (key), 406 (descr. ♂, Keren).

Epyris geniculatus KIEFFER, 1904: KIEFFER 1908: 28 (world cat.).

Epyris geniculatus KIEFFER, 1904: KIEFFER 1910: 101 (cat. Equatorial Africa).

Epyris geniculatus KIEFFER, 1904: KIEFFER 1914: 311 (key), 332 (tax., descr. ♂, Keren), 333 (fig. 141).

Epyris geniculatus KIEFFER, 1904: GORDH 1990: 94 (world cat.).

Epyris geniculatus KIEFFER, 1904: AZEVEDO, ALENCAR & BARBOSA 2010: 410 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Epyris geniculatus KIEFFER, 1904: AZEVEDO et al. 2018: 160 (world cat.).

Distribution: Keren.

Epyris geniculatus is recorded also from the Democratic Republic of Congo.

Epyris laticeps KIEFFER, 1913

Rhabdepyris laticeps n.sp.: KIEFFER 1913: 106 (descr. ♂, Eritrea without locality).

Rhabdepyris (Rhabdepyris) laticeps KIEFFER, 1913: KIEFFER 1914: 348 (key), 354 (tax., descr. ♂, Eritrea without locality).

Rhabdepyris laticeps KIEFFER, 1913: GORDH 1990: 148 (world cat.).

Rhabdepyris laticeps KIEFFER, 1913: AZEVEDO, ALENCAR & BARBOSA 2010: 411 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Epyris laticeps KIEFFER, 1913: AZEVEDO et al. 2018: 163 (tax., world cat.).

Distribution: no exact locality.

Epyris laticeps is recorded also from the Democratic Republic of Congo.

Holepyris africanus KIEFFER, 1904

Holepyris africanus n.sp.: KIEFFER 1904: 390 (key), 391 (descr. ♂, Keren).

Holepyris (Holepyris) africanus KIEFFER, 1904: KIEFFER 1908: 29 (tax., typ. gen., world cat.).

Holepyris africanus KIEFFER, 1904: KIEFFER 1910: 101 (cat. Equatorial Africa).

Holepyris africanus KIEFFER, 1904: KIEFFER 1914: 371 (typ. gen.), 372 (key), 386 (tax., descr. ♂, Keren).

Holepyris africanus KIEFFER, 1904: GORDH 1990: 111 (world cat.).

Holepyris africanus KIEFFER, 1904: AZEVEDO, ALENCAR & BARBOSA 2010: 410 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Holepyris africanus KIEFFER, 1904: AZEVEDO et al. 2018: 170 (world cat.).

Distribution: Keren.

Holepyris africanus is known only from Eritrea.

Tracheypyris appendiculatus KIEFFER, 1913

Planepyris appendiculatus n.sp.: KIEFFER 1913: 105 (descr. ♂, Eritrea without locality).

Planepyris appendiculatus KIEFFER, 1913: KIEFFER 1914: 369 (tax., descr. ♂, Eritrea without locality).

Planepyris appendiculatus KIEFFER, 1913: GORDH 1990: 137 (world cat.).

Tracheypyris appendiculatus KIEFFER, 1913: ALENCAR & AZEVEDO 2009: 1 (tax., descr. ♂, Massawa), 5 (figs 1-5), 8 (figs 6-11).

Planepyris apendiculatus (!) KIEFFER, 1913: AZEVEDO, ALENCAR & BARBOSA 2010: 411 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Tracheypyris appendiculatus KIEFFER, 1913: AZEVEDO et al. 2018: 180 (world cat.).

**Planepyris* sp. KIEFFER 1905 (In: KIEFFER & MARSHALL): 249 (footnote 2: Eritrea without locality).

Planepyris sp.: KIEFFER 1910: 101 (Eritrea without locality, cat. Equatorial Africa).

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

Tracheypyris appendiculatus is known only from Eritrea.

***Tracheypyris spiniscapus* (KIEFFER, 1904)**

Epyris spiniscapus n.sp.: KIEFFER 1904: 395 (key), 400 (descr. ♂, Keren).

Epyris spiniscapus KIEFFER, 1904: KIEFFER 1908: 28 (world cat.).

Epyris spiniscapus KIEFFER, 1904: KIEFFER 1910: 101 (cat. Equatorial Africa).

Acantheypyris spiniscapus (KIEFFER, 1904): KIEFFER 1914: 402 (key), 403 (tax. descr. ♂, Keren), 404 (figs 147, 148).

Acantheypyris spiniscapus (KIEFFER, 1904): TURNER 1928: 135 (tax.).

Tracheypyris spiniscapus (KIEFFER, 1904): GORDH 1990: 169 (world cat.).

Tracheypyris spiniscapus (KIEFFER, 1904): AZEVEDO, ALENCAR & BARBOSA 2010: 411 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Tracheypyris spiniscapus (KIEFFER, 1904): AZEVEDO et al. 2018: 180 (world cat.).

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

Tracheypyris spiniscapus is known only from Eritrea.

Subfamily P r i s t o c e r i n a e

***Pristocera rufiventer* (KIEFFER, 1913)**

Neurepyris rufiventer n.sp.: KIEFFER 1913: 107 (descr. ♂, Eritrea without locality).

Neurepyris rufiventer KIEFFER, 1913: KIEFFER 1914a: 370 (typ. gen., key, tax., descr. ♂, Eritrea without locality).

Neurepyris rufiventer KIEFFER, 1913: GORDH 1990: 135 (world cat.).

Neurepyris rufiventer KIEFFER 1913: AZEVEDO, ALENCAR & BARBOSA 2010: 411 (ann. 1: cat. Arabian Peninsula and surrounding countries).

Pristocera rufiventer (KIEFFER, 1913): ALENCAR & AZEVEDO 2011: 2 (tax., descr. ♀, Eritrea without locality), 3 (figs 1A-F), 4 (fig. 2), 5 (figs 3A-D).

Pristocera rufiventer (KIEFFER, 1913): AZEVEDO et al. 2018: 110 (world cat.).

**Neurepyris* sp.: KIEFFER 1905 (In: KIEFFER & MARSHALL): 251 (footnote 1: Eritrea without locality).

Neurepyris sp.: KIEFFER 1910: 101 (Eritrea without locality, cat. Equatorial Africa).

D i s t r i b u t i o n : no exact locality.

Pristocera rufiventer is known only from Eritrea.

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Zusammenfassung

Die Familie Bethylidae ist in Eritrea mit sechs Arten der Unterfamilien Epyrinae und Pristocerinae vertreten. Die Epyrinae sind mit fünf Arten der Gattungen *Epyris* WESTWOOD, 1832 (zwei Arten), *Holepyris* KIEFFER, 1905 (eine Art) und *Tracheypyris* KIEFFER, 1905 (zwei Arten) nachgewiesen und die Pristocerinae mit einer Art der Gattung *Pristocera* KLUG, 1808.

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