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A catalogue of the family Colletidae (Hymenoptera: Apoidea) of Eritrea

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Abstract: In Eritrea the family Colletidae is represented by one unidentified species of the genus *Colletes* LATREILLE, 1802 (subfamily Colletinae) and two species of the genus *Hylaeus* FABRICIUS, 1793 (subfamily Hylaeinae).

Key words: Colletidae, Colletinae, *Colletes*, Hylaeinae, *Hylaeus*, Eritrea.

Introduction

In the Afrotropical region the family Colletidae is represented by about 200 species (EARDLEY & URBAN 2010).

Hitherto only three species of Colletidae have been recorded from Eritrea. The subfamily Colletinae is represented with the genus *Colletes* LATREILLE, 1802 (one unidentified species) and the subfamily Hylaeinae with the genus *Hylaeus* FABRICIUS, 1793 (two species).

Abbreviations

Afr. reg. Afrotropical region
 cat. catalogue
 descr. description
 tax. taxonomy

Annotated Catalogue

Subfamily **C o l l e t i n a e**

KUHLMANN & PAULY (2013) revised the genus *Colletes* LATREILLE, 1802 in Ethiopia including a key to the species, but they did not list any record from Eritrea. This paper is recommended for a future study of the genus *Colletes* in Eritrea.

***Colletes* sp.**

Colletes sp: FRIESE 1915: 268 (Asmara).

Distribution: Asmara.

Subfamily Hylaeinae

The record of *Hylaeus perater* COCKERELL, 1936 from Eritrea by EARDLEY & URBAN (2010: 33) and DATHE (2014: 62 based on EARDLEY & URBAN) is an error, because COCKERELL (1942: 13-4) studied material from Ethiopia (Abessinia).

Hylaeus gigas (FRIESE, 1911)

Prosopis gigas n.sp.: FRIESE 1911: 127(cat. Afr. reg.), 128 (key), 130 (descr. ♀, Ghinda).
Prosopis gigas FRIESE, 1911: ALFKEN 1914: 186 (tax., descr. ♀, Ghinda).
Prosopis gigas FRIESE, 1911: FRIESE 1915: 268 (Ghinda).
Nothylaeus (Nothylaeus) gigas (FRIESE, 1911): BRIDWELL 1919: 128 (tax., cat. Afr. reg.).
Nothylaeus (Nothylaeus) gigas (FRIESE, 1911): COCKERELL 1942: 1 (tax.), 2 (cat. Afr. reg. Hylaeinae).
Nothylaeus gigas (FRIESE, 1911): SNELLING 1985: 27 (tax., cat. Afr. reg.).
Hylaeus (Nothylaeus) gigas (FRIESE, 1911): RASMUSSEN & ASCHER 2008: 55 (tax., cat. taxa described by Friese).
Hylaeus gigas (FRIESE, 1911): EARDLEY & URBAN 2010: 30 (cat. Afr. reg.).

Distribution: Ghinda.

Hylaeus gigas is only known from Eritrea.

Hylaeus magrettii (VACHAL, 1892)

Prosopis Magrettii n. sp.: VACHAL 1892: 135 (descr. ♀, Keren).
Prosopis magrettii VACHAL, 1892: DE DALLA TORRE 1892: 26 (world cat. (Eritrea, not Sudan).
Prosopis magrettii VACHAL, 1892: ALFKEN 1905: 148 (tax., Keren), 149 (key ♀), 150 (tax.).
Prosopis magrettii VACHAL, 1892: FRIESE 1909: 111 (key, tax., Eritrea (not Sudan)).
Prosopis magrettii VACHAL, 1892: FRIESE 1911: 127 (cat. Afr. reg.), 128 (key), 132 (tax., Ghinda, Keren).
Prosopis magrettii VACHAL, 1892: FRIESE 1915: 268 (Ghinda, Keren).
Nothylaeus (Nothylaeus) magrettii (VACHAL, 1892): BRIDWELL 1919: 127 (tax., cat. Afr. reg. (Eritrea, not East Sudan)).
Nothylaeus (Nothylaeus) magrettii (VACHAL, 1892): COCKERELL 1942: 1 (tax.), 2 (cat. Afr. reg. Hylaeinae).
Nothylaeus magretti (!) (VACHAL, 1892): SNELLING: 1985: 27 (tax., cat. Afr. reg.).
Hylaeus magrettii (VACHAL, 1892): EARDLEY & URBAN 2010: 32 (tax., cat. Afr. reg.).
Hylaeus magrettii (VACHAL, 1892): RASMUSSEN 2012: 34 (Keren, cat. Hymenoptera described by Vachal).

Distribution: Ghinda, Keren.

Hylaeus magrettii, which is missing in the species list of FRIESE (1909), is only known from Eritrea. The record from Sudan (VACHAL 1892) mentioned in EARDLEY & URBAN (2010: 32) is a geographical error.

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Zusammenfassung

Die Familie Colletidae ist in Eritrea mit drei Arten nachgewiesen. Die Unterfamilie Colletinae ist mit einer unbestimmten Art der Gattung *Colletes* LATREILLE, 1802 vertreten und die Unterfamilie Hylaeinae mit zwei Arten der Gattung *Hylaeus* FABRICIUS, 1793.

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