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A catalogue of the families Argidae and Tenthredinidae (Hymenoptera: Symphyta: Tenthredinoidea) of Eritrea

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A b s t r a c t: Ten species of Symphyta are catalogued from Eritrea. The family Argidae is represented by three species of the genus *Arge* SCHRANK, 1802 (subfamily Arginae) and the family Tenthredinidae by five species of the genus *Athalia* LEACH, 1817(subfamily Athaliinae) and one species each of the genera *Neacidiophora* ENSLIN, 1911 and *Xenapates* KIRBY, 1882 (both subfamily Allantinae).

Key words: Arginae, *Arge*, Athaliinae, *Athalia*, Allantinae *Neacidiophora*, *Xenapates*.

Introduction

Recently the sawflies (Symphyta) of Ethiopia have been reviewed and keyed by KOCH et al. (2015). They list 34 species belonging to the families Argidae and Tenthredinidae, but only species described from Eritrea and recorded from Ethiopia are included in this study. Nevertheless this paper is essential for a future study of the sawfly fauna of Eritrea.

The Symphyta of Eritrea are investigated only a little in comparison with Ethiopia. The family Argidae is represented by three species of the genus *Arge* SCHRANK, 1802 belonging to the subfamily Arginae. The family Tenthredinidae is represented by the genera *Athalia* LEACH, 1817 (Athaliinae), *Neacidiophora* ENSLIN, 1911 (Allantinae) and *Xenapates* KIRBY, 1882 (Allantinae). Hitherto five species of *Athalia* and one species each of *Neacidiophora* and *Xenapates* have been recorded from Eritrea.

Abbreviations

Afr. reg..... Afrotropical region
 biol. biology
 cat..... catalogue
 descr description
 design..... designation
 fig. (s)..... figure (s)
 syn..... synonym
 tax.taxonomy
 typ. gen.....typus generis

Annotated Catalogue

Family C e p h i d a e

The record of the Wheat Stem Sawfly by ANDEBRHAN & MEDHANIE (2017: 31) is an error, because the family Cephidae is absent from the Afrotropical region except Malagasy subregion. They probably watched a yellow and black coloured ichneumon fly (Ichneumonidae).

Family A r g i d a e

Subfamily Arginae

Arge erythraeana FORSIUS, 1933

Arge erythraeana n.sp.: FORSIUS 1933: 299 (descr. ♀, Keren).

Arge erythraeana FORSIUS, 1933: PASTEELS 1953: 42 (key ♀), 57 (tax., Eritrea without locality).

Arge erythraeana FORSIUS, 1933: TAEGER, BLANK & LISTON 2010: 129 (world cat.).

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

Arge erythraeana is only known from Eritrea.

Arge massajae (GRIBODO, 1879)

Arge massajae (GRIBODO, 1879): KOCH & GOERGEN 2008: 45 (tax., descr. ♀ ♂, Asmara, Ghinda), 46 (figs 1a-i), 56 (fig. 7: map).

Arge massajae (GRIBODO, 1879): TAEGER, BLANK & LISTON 2010: 133 (world cat.).

Arge massajae (GRIBODO, 1879): KOCH et al. 2015: 121 (key), 124 (figs 1a-e), 125 (tax., biol., Asmara), 128 (fig. 6D: biol.), 129 (figs 7A-D), 130 (fig. 8A: map).

Arge massajae (GRIBODO, 1879): TAEGER, BLANK & LISTON 2010: 133 (world cat.).

**Alloscenia maculitarsis* nov.spec.: ENDERLEIN 1919: 115 (typ. gen., descr. ♂ (not ♀), fig. 2, Asmara).

Alloscenia maculitarsis ENDERLEIN, 1919: FORSIUS 1922: 108 (tax., descr. ♂, Asmara).

Alloscenia maculitarsis ENDERLEIN, 1919: FORSIUS 1927: 43 (syn., Asmara).

Alloscenia maculitarsis ENDERLEIN, 1919: PASTEELS 1953: 118 (tax., type destroyed ?).

Alloscenia maculitarsis ENDERLEIN, 1919: ABE & SMITH 1991: 5 (cat. typ. gen.).

Alloscenia maculitarsis ENDERLEIN, 1919: KOCH & GOERGEN 2008: 45 (syn.).

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

Arge massajae is also known from Ethiopia.

Arge micheli (DU BUYSSON, 1900)

Arge micheli (DU BUYSSON, 1900): KOCH et al. 2015:121 (key), 127 (tax., descr. ♂ ♀, Eritrea without locality), 131 (figs 9A-E).

**Arge flavifrons* n.sp.: MOCSÁRY 1909: 5 (descr. ♂, Eritrea without locality).

Arge flavifrons MOCSÁRY, 1909: ENSLIN 1914: 317 (tax., key).

Arge flavifrons MOCSÁRY, 1909: PASTEELS 1953: 91 (fig. 221), 93 (fig. 227 as *A. flaviformis*), 108 (tax., Eritrea without locality, Adi Ugri).

Arge flavifrons MOCSÁRY, 1909: TAEGER, BLANK & LISTON 2010: 129 (world cat.).

Arge flavifrons MOCSÁRY, 1909: KOCH et al. 2015: 127 (type design. by Koch, syn.).

D i s t r i b u t i o n : Adi Ugri.

Arge micheli is widely distributed in the Afrotropical region (Democratic Republic of Congo, Eritrea, Ethiopia, Kenya, Malawi, South Africa, Uganda, Zambia, Zimbabwe).

Family T e n t h r e d i n i d a e

Subfamily Allantinae

Neacidiophora athalioides (KONOW, 1907)

Neacidiophora athalioides (!) (KONOW, 1907): KOCH 1998: 87 (key), 88 (tax., descr. ♂, Ghinda), 90 (figs 18-21), 90 (tax.).

Neacidiophora athalioides (KONOW, 1907): TAEGER, BLANK & LISTON 2010: 292 (world cat.).

**Neacidiophora bequaerti sternalis* nov.var.: FORSIUS 1931: 25 (descr. ♂, Ghinda).

Neacidiophora bequaerti var. *sternalis* FORSIUS, 1931: KOCH 1998: 88 (syn.).

**Neacidiophora bequaerti* var. *pectoralis* (!) FORSIUS: FORSIUS 1933: 302 (tax., Keren).

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

Neacidiophora athalioides is also recorded from Democratic Republic of Congo, Ethiopia, Kenya, Mozambique, Tanzania, Uganda and Zimbabwe. The record from Eritrea is not mentioned in KOCH et al. (2015: 143). KOCH (1998: 90) did not studied the paratypes of *Neacidiophora bequaerti* var. *sternalis*, but placed with reserve the Eritrean paratype to *athalioides*. Forsius never described *Neacidiophora bequaerti* var. *pectoralis*. This name is probably a printing error and the correct name is *sternalis*.

Xenapates braunsi (KONOW, 1896)

Xenapates braunsi (KONOW, 1896): FORSIUS 1933: 302 (Keren).

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

The record from Eritrea, which is probably a misidentification, is not mentioned in KOCH (1995: 386). KOCH et al. (2015) listed eight species of *Xenapates* from Ethiopia, but no records from Eritrea.

Subfamily Athaliinae

Athalia concors KONOW, 1908

Athalia concors KONOW, 1908: BENSON 1962: 346 (world cat.), 364 (key), 366 (tax., world cat.).

Athalia concors KONOW, 1908: TAEGER, BLANK & LISTON 2010: 261 (world cat.).

**Athalia similis* n.sp.: MOCSÁRY 1909: 12 (descr. ♂, Eritrea without locality).

Athalia similis MOCSÁRY, 1909: ENSLIN 1914: 303 (tax.), 304 (tax., key).

Athalia similis MOCSÁRY, 1909: BENSON 1933 (In: BENSON et al.): 102 (not seen, cat. Eritrea).

Athalia similis MOCSÁRY, 1909: BENSON 1962: 366 (syn.).

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

Athalia similis is recorded from the Afrotropical (Democratic Republic of Congo, Eritrea, Kenya, Malawi, South Africa, Uganda, Zimbabwe) and Palaearctic (Yemen) regions.

***Athalia erythraeana* KOCH, 2007**

Athalia erythraeana n.sp.: KOCH 2007: 84 (tax.), 85 (tax.), 86 (key, descr. ♂, Asmara), 87 (figs 2a-d), 102 (fig. 13: map).

Athalia erythraeana KOCH, 2007: TAEGER, BLANK & LISTON 2010: 262 (world cat.).

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

Athalia erythraeana is only known from Eritrea.

***Athalia fumosa* GRIBODO, 1879**

Athalia fumosa GRIBODO, 1879: ENDERLEIN 1920: 355 (Asmara).

Athalia fumosa GRIBODO, 1879: BENSON 1933 (In: BENSON et al.): 102 (Asmara).

Athalia fumosa GRIBODO, 1879: KOCH et al. 2015: 122 (key), 134 (tax., figs 11A, B, Eritrea without locality (under distribution)).

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

Athalia fumosa is recorded from the Afrotropical (Eritrea, Ethiopia) and Palaearctic (Yemen) regions. The record from Eritrea is not mentioned in BENSON (1962: 364 under *Athalia scioensis* GRIBODO, 1879).

***Athalia truncata* ENSLIN, 1914**

**Athalia himantopus* KLUG, 1834: KONOW 1908: 165 (key), 169 (tax., Eritrea without locality).

Athalia himantopus KLUG, 1834: BENSON 1933 (In: BENSON et al.): 102 (Asmara).

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

The record from Eritrea is not mentioned in BENSON (1962: 377 under *Athalia himantopus* subsp. *truncata*) and KOCH (2007).

***Athalia vollenhoveni* GRIBODO, 1879**

Athalia vollenhoveni GRIBODO, 1879: FORSIUS 1933: 301 (Keren).

Athalia vollenhoveni GRIBODO, 1879: BENSON 1962: 345 (world cat.).

Athalia vollenhoveni GRIBODO, 1879: KOCH 2006: 301 (figs 2b, d-g), 302 (key), 314 (tax., descr. ♂ ♀, biol., Eritrea without locality, Ghinda, Asmara), 315 (figs 12a-e), 317 (fig. 15: map).

Athalia vollenhoveni GRIBODO, 1879: KOCH et al. 2015: 122 (key), 128 (fig. 6B: biol.), 138 (tax., biol., Eritrea without locality (under distribution)), 139 (figs 15A-D), 140 (figs 16A-F: biol.), 141 (figs 16G-H: biol.).

**Athalia schweinfurthi* KONOW, 1891: BENSON 1933 (In: BENSON et al.): 100 (tax., descr. ♂ ♀, Asmara), 101 (fig. b).

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

Athalia vollenhoveni is known from the Afrotropical (Eritrea, Ethiopia, Kenya) and Palaearctic (Yemen) regions.

***Athalia* sp.**

Athalia sp.: BENSON 1933 (In: BENSON et al.): 102 (Asmara).

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

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Zusammenfassung

Die Symphyta sind in Eritrea mit zehn Arten nachgewiesen. Die Familie Argidae ist mit drei Arten der Gattung *Athalia* SCHRANK, 1802 (Unterfamilie Arginae) vertreten und die Familie Tenthredinidae mit fünf Arten der Gattung *Athalia* LEACH, 1817 (Unterfamilie Athaliinae) und mit je einer Art der Gattungen *Neacidiophora* ENSLIN, 1911 und *Xenapates* KIRBY, 1882 (beide Unterfamilie Allantinae).

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