

Five ichneumonid wasps (Hymenoptera, Ichneumonidae) new to Norway

HÅKON HARALDSEIDE

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The first Norwegian records of *Agrypon varitarsum* (Wesmael, 1849), *Dusona obliterated* (Holmgren, 1872), *Dusona spinipes* (Thomson, 1887), *Netelia nigricarpus* (Thomson, 1888) and *Stenichneumon militarius* (Thunberg, 1824) are given, including short notes on distribution.

Key words: *Agrypon varitarsum*, *Dusona obliterated*, *Dusona spinipes*, *Stenichneumon militarius*, *Netelia nigricarpus*, new records, Norway.

Håkon Haraldseide, Ålavikvegen 4, 4250 Kopervik, Norway. E-mail: hharaldseide@gmail.com

Introduction

Ichneumonidae is a very large family of parasitoid hymenoptera. Over 1700 species have been registered from Norway, see Humala & Reshchikov (2014) and references therein. Below, five species are reported new to Norway.

Material and methods

Records are presented as follows: Faunistic Region (Økland 1981), municipality, location, coordinates (WGS 84 decimal degrees), and European Invertebrate Survey grid-number (EIS) (Endrestøl 2005). All specimens collected by the author and kept in the author's collection.

Notes on distribution is limited to ecozone and adjacent Nordic countries. Distribution data is from Yu *et al.* (2012). Identifications follows Gauld & Mitchell (1977) (Anomalinae), Horstmann (2009) (Campopleginae), Perkins (1960) (Ichneumoninae) and Broad (2012) (Tryphoninae). All identifications have been subjected to second opinions, see acknowledgements.

Records

ANOMALINAE

Agrypon varitarsum (Wesmael, 1849)

Material: HOY, Sveio: Mølstre (59.516399, 5.277373) (EIS 22) June 2014, 2♀♀ (Malaise trap).

Distribution: Holarctic; Finland, Sweden.

CAMPOPLEGINAE

Dusona obliterated (Holmgren, 1872)

Material: RY, Sveio: Paddevegen (59.532320, 5.284355) (EIS 22) 2 August 2014, 1♀.

Distribution: Palearctic; Finland, Sweden.

Dusona spinipes (Thomson, 1887)

Material: RY, Suldal: Finnvik (59.448504, 6.021319) (EIS 14) 1 July 2014, 1♀.

Distribution: Palearctic; Finland.

ICHNEUMONINAE

Stenichneumon militarius (Thunberg, 1824)

Material: RY, Suldal: Finnvik (59.448504, 6.021319) (EIS 14) 14 June 2014, 1♀.

Distribution: Holarctic; Finland, Sweden.

TRYPHONINAE

Netelia (Parabates) nigricarpus (Thomson, 1888)

Material: HOY, Sveio: Mølstre (59.516399, 5.277373) (EIS 22) August 2014, 1♂ (Malaise trap); RY, Suldal: Finnvik (59.448504, 6.021319) (EIS 14) July 2014, 1♀ (SLAM trap).

Distribution: Palearctic; Finland, Sweden.

Discussion

As stated in the introduction over 1700 species of Ichneumonidae have been registered from Norway, still the numbers are higher in adjacent Nordic countries: Achterberg & Zwakhals (2004) reports 2391 species from Finland and 2565 from Sweden. Few Norwegian insect families represent a greater lack in current knowledge, and potential for new discoveries.

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