

# Fourteen ichneumonid wasps (Hymenoptera, Ichneumonidae) new to Norway

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The first Norwegian records of *Atractodes* (*Asyncrita*) *albovinctus* Haliday, 1839, *Banchus hastator* (Fabricius, 1793), *Ctenochira oreophila* (Schmiedeknecht, 1912), *Dicaelotus rufoniger* Berthoumieu, 1897, *Dusona mercator* (Fabricius, 1793), *Endasys annulatus* (Habermehl, 1912), *Endasys lissorulus* Sawoniewicz & Luhman, 1992, *Erromenus plebejus* (Woldstedt, 1878), *Erromenus tarsator* Aubert, 1969, *Glyphicnemis clypealis* (Thomson, 1883), *Mesoleptus devotus* (Förster, 1876), *Mesoleptus distinctus* (Förster, 1876), *Ophion perkinsi* Brock, 1982 and *Uchidella marginata* (Kiss, 1929) are given, including short notes on distribution.

Key words: Ichneumonidae, Banchinae, Campopleginae, Cryptinae, Ichneumoninae, Ophioninae, Tryphoninae, new records, Norway

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## Introduction

Ichneumonidae is a very large family of parasitoid Hymenoptera with almost 1900 species registered from Norway (Riedel & Hansen 2015). Below, fourteen species are reported for the first time from 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 were collected by the author and are 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 Fitton (1985) (Banchinae); Horstmann (2009) (Campo-pleginae); Jussila (2001) (Cryptinae:

*Atractodes* Gravenhorst, 1829); Jussila *et al.* (2010) (Cryptinae: *Mesoleptus* Gravenhorst, 1829); Sawoniewicz (1985) (Cryptinae: *Glyphicnemis* Förster, 1869); Sawoniewicz & Luhman (1992) (Cryptinae: *Endasys* Förster, 1868); Horstmann (1993) (Cryptinae: *Uchidella* Townes, 1957); Perkins (1959) (Ichneumoninae); Broad (2012) (Ophioninae) and Kasparyan (1973) (Tryphoninae). All identifications have been subjected to second opinions, see acknowledgements.

## Records

### BANCHINAE

#### *Banchus hastator* (Fabricius, 1793)

**Material:** RY, Suldal: Finnvik (59.448504N, 6.021319E) (EIS 14) 5 June 2015, 1♀.

**Distribution:** Holarctic; Norway, Finland, Sweden.

CAMPOPLEGINAE

***Dusona mercator* (Fabricius, 1793)**

**Material:** RY, Sveio: Paddevegen (59.532320N, 5.284355E) (EIS 22) 4 June 2015, 1♂.

**Distribution:** Palearctic; Norway, Finland, Sweden.

CRYPTINAE

***Atractodes (Asyncrita) albovinctus* Haliday, 1839**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22) June 2014, 1♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Sweden.

***Endasys annulatus* (Habermehl, 1912)**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22), July 2014, 2♀♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland.

***Endasys lissorulus* Sawoniewicz & Luhman, 1992**

**Material:** RY, Karmøy: Skår (59.287979N, 5.264283E) (EIS 13), June 2015, 8♂♂ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland.

***Glyphicnemis clypealis* (Thomson, 1883)**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22), July 2014, 7♂♂ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland, Sweden.

***Mesoleptus devotus* (Förster, 1876)**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22) July 2014, 3♂♂2♀♀ (Malaise trap); RY, Suldal: Finnvik (59.448504N, 6.021319E) (EIS 14) July 2014, 1♂ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland, Sweden.

***Mesoleptus distinctus* (Förster, 1876)**

**Material:** RY, Karmøy: Skår (59.287979N, 5.264283E) (EIS 13) July 2015, 4♂♂ (Malaise

trap); August 2015, 6♂♂6♀♀; September 2015, 2♀♀; Suldal: Finnvik (59.448504N, 6.021319E) (EIS 14) July 2013, 1♀ (Malaise trap); July 2014, 1♀ (Malaise trap); August 2015, 2♀♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland, Sweden.

***Uchidella marginata* (Kiss, 1929)**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22) July 2014, 1♀ (Malaise trap).

**Distribution:** Holarctic; Norway, Sweden.

ICHNEUMONINAE

***Dicaelotus rufoniger* Berthoumieu, 1897**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22), July 2014, 2♀♀ (Malaise trap).

**Distribution:** Palearctic; Norway.

OPHIONINAE

***Ophion perkinsi* Brock, 1982**

**Material:** HOI, Ullensvang: Kinsarvik Camping (60.374294N, 6.718644E) (EIS 32) 4 August 2015, 1♀.

**Distribution:** Palearctic; Norway, Finland.

TRYPHONINAE

***Ctenochira oreophila* (Schmiedeknecht, 1912)**

**Material:** RY, Karmøy: Skår (59.287979N, 5.264283E) (EIS 13) July 2015, 2♀♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland.

**Remarks:** Kasparyan and Kopelke (2009) reported “*Ctenochira spec.* (cf. *oreophila*)” from Norway.

***Erromenus plebejus* (Woldstedt, 1878)**

**Material:** HOY, Sveio: Mølstre (59.516399N, 5.277373E) (EIS 22) June 2015, 2♀♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland, Sweden.

## *Erromenus tarsator* Aubert, 1969

**Material:** RY, Karmøy; Skår (59.287979N, 5.264283E) (EIS 13) 14–27 June 2015, 1♀ (Malaise trap).

**Distribution:** Palearctic; Norway, Finland.

## Discussion

As stated in the introduction almost 1900 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.

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