

Ichneumonidae (Hymenoptera) new to the Norwegian fauna

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The present paper contains new distributional records for 15 species of ichneumon wasps (Hymenoptera, Ichneumonidae) previously not reported from Norway, five species are reported for the first time from Nordic countries. Some previously published data are corrected.

Key words: Hymenoptera, Ichneumonidae, fauna, Norway.

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Introduction

The Ichneumonidae is the largest family within Hymenoptera, and one of the largest among insects. Due to the great diversity and difficulties in identification of many species in this group, our knowledge of the Norwegian fauna remains insufficient. During the last fifteen years, more than 400 species of Ichneumonidae were reported as new to the fauna of Norway (Riedel & Berg 1997, Riedel et al. 2000, 2005, Riedel & Hansen 2007, Hansen et al. 2010). Although in total more than 1600 species of Ichneumonidae have been listed for Norway so far (See Riedel & Berg 1997), published checklists from adjacent territories (Koponen et al. 1995, 2000a, 2000b, 2000c, 2003, 2008, 2009, Broad 2011) suggest that the Norwegian list is still very incomplete. Further, some species previously reported for Norwegian territory were misidentified and should be removed from the list. In this article we provide

distribution records for fifteen more species new to Norway.

Material

The Ichneumonidae recorded in this paper were collected in all parts of the country, usually by sweep-netting or Malaise traps. The subfamilies, tribes, genera, and species are listed in alphabetic order according to the recent Catalogue of World Ichneumonidae (Yu et al. 2005). Species distributions are based on the same catalogue, with minor changes. Species distributions in Nordic countries, adjacent or faunistically similar to Norway, are given in more detail. The faunistic divisions of Norway are listed and abbreviated according to Økland (1981).

The following abbreviations are used in the text: AEH = Andrei Humala, AEN = Anders Endrestøl, ASO = Arve Sommero, AVR = Alexey