

Ichneumonidae (Hymenoptera) new for the fauna of Norway, Part 4

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The present survey reports 58 species of wasps belonging to the family Ichneumonidae hitherto not reported from Norway. The subfamilies Cryptinae, Ctenopelmatinae, Ichneumoninae, Microleptinae, Orthocentrinae, Pimplinae and Tryphoninae are represented. The distribution of each species is briefly discussed.

Keywords: Ichneumonidae, Cryptinae, Ctenopelmatinae, Ichneumoninae, Microleptinae, Orthocentrinae, Pimplinae, Tryphoninae, Norway.

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Introduction

The Ichneumonidae represents the largest family of parasitic Hymenoptera. Only in the Palaearctic it covers almost 9000 described species (Yu et al. 2005). Due to their diversity and the dispersed and inaccessible literature, our knowledge of many taxa in the group remains incomplete. Since 1997, 424 species of Ichneumonidae have been reported new for the norwegian fauna (Riedel & Berg 1997, Riedel et al. 2000, 2005, Riedel & Hansen 2007, Hansen et al. 2010). Although almost 1600 species of Ichneumonidae are known from Norway so far, there is still a large portion of unrecorded species which still has to be found.

This contribution provides distributional records for 58 species not hitherto reported from Norway. They belong to the subfamilies Cryptinae, Ctenopelmatinae, Ichneumoninae, Microleptinae, Orthocentrinae, Pimplinae and Tryphoninae.

Material

The species recorded in this paper were collected in most parts of Norway, mainly by sweep-netting and malaise-traps. Some of the material is collected on sandy areas. The subfamilies, tribes, genera, and species are listed in alphabetic order using the recent «Catalogue of World Ichneumonidae» by Yu et al. (2005). From here the data on distribution has been extracted. The Nordic and the Baltic countries are mentioned in particular. The faunistic divisions within Norway are defined in accordance to Økland (1981) and given in bold. The determinations have been done by the junior authors. The coordinates given in the article refer to the «Military Grid Reference System» (MGRS). All records given in this article refer to fully labelled specimens in the collections at the Natural History museum in Oslo.

The following abbreviations have been used in the text: ABA = Alf Bakke, AEN = Anders