

Ichneumonidae (Hymenoptera) new for the fauna of Norway Part 3

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The present survey gives distributional records for 59 species of parasitoid wasps of the family Ichneumonidae (Hymenoptera) previously not reported from Norway. 17 of these species have hitherto not been reported from Scandinavia.

Keywords: Ichneumonidae, Norway.

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INTRODUCTION

The Ichneumonidae represents a very large family of parasitic Hymenoptera. In the Palaearctic it is perhaps the largest family of insects with almost 9000 described species. Due to their diversity and difficult determination for many of the species, our knowledge of many taxa in the group remains incomplete. In the last years, we have reported more than 350 species of Ichneumonidae as new for the fauna of Norway (Riedel & Berg 1997, Riedel et al. 2000, 2005). 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. In this third paper in this series, distributional records for 59 new species for Norway are given, together with some corrections to the previous publications as well. 17 of these have not been reported from Scandinavia.

MATERIAL

The Ichneumonidae recorded in this paper were collected in all parts of the country, usually by

sweep-netting or by malaise-traps. To avoid severe misinterpretations, all species which have not been identified with certain accuracy are excluded. The subfamilies, tribes, genera, and species are listed in alphabetic order using the recent «Catalogue of World Ichneumonidae» (Yu et al. 2005). From here the data on distribution has been extracted. The Scandinavian countries are mentioned in detail. The faunistic divisions within Norway are defined in accordance to Økland (1981). A table of UTM-coordinates for most of the listed localities are given by Riedel et al. (2000, 2002, 2005). The determinations have mainly been done by the senior author, except for some genera of Hemigasterini, which have been determined by Janusz Sawoniewicz, most of the Phygadeuontini by Reijo Jussila, and some genera of Phaeogenini by Erich Diller.

The following abbreviations have been used in the text: MT = Malaise-trap, ABa = Alf Bakke, BAS = Bjørn A. Sagvolden, GWa = Gaute Walberg, JAS = Jan Arne Stenløkk, LOH = Lars Ove Hansen, LT = Light-trap, MFa = Morten Falck, ØBe = Øistein Berg, OSø = Ove Sørlibråten, TJO = Thor Jan Olsen, TMu = Torkild Munk, YBe = Yngvar