

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 = Østein Berg, OSø = Ove Sørlibråten, TJO = Thor Jan Olsen, TMu = Torkild Munk, YBe = Yngvar

Berg. The reference material for this publication is kept in the personal collection of the first author (M. Riedel) and in the Natural History Museum of Oslo.

LIST OF SPECIES

CAMPOPLEGINAE

Phobocampe croceipes (Marshall, 1876)

Front and middle legs completely yellow, hind trochanters I and hind tibiae yellow, the latter with black apices.

BØ Røyken: Hyggen, Kinnartangen (EIS 28), 1♀ 11 July 1991 (MT), leg. LOH.

Distribution: C Europe; new to Scandinavia.

Phobocampe tempestiva (Holmgren, 1860)

Ø Rakkestad, Skrabberud (EIS 20), 1♀ 11 May 2000, leg. TJO.

Distribution: Palaearctic; Sweden.

CRYPTINAE

Cryptini

Aritranis nigripes (Gravenhorst, 1829)

Ø Aremark: Bøensætra (EIS 21), 1♂ 7 July 1997, leg. TJO; Sarpsborg: Sandbakken (EIS 20), 1♀ 4 August 2002, leg. TJO; Sarpsborg: Skjebergdalen (EIS 20), 1♂ 12 July 1996, leg. TJO; Sarpsborg: Tune, Råkil (EIS 20), 1♀ 1 August 2001, leg. TJO; Sarpsborg, Sandbakken (EIS 20), 7♂♂ 10 and 27 July 1996, leg. TJO; **HES** Sør-Odal: Skarnes (EIS 37), 3♂♂ 24 June 1992, ex *Zygaena filipendula* (Lep. Zygaenidae), leg. LOH; **TEI** Seljord, Blika (EIS 26), 1♀ 5 - 8 August 1993, leg. H. Elven & A. Dahl.

Distribution: Palaearctic; Denmark and Finland

Cryptus lugubris Gravenhorst, 1829

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♀ 2002, 1♂ 10 June 2004, leg. TJO.

Distribution: Palaearctic; Sweden.

Hoplocryptus confector (Gravenhorst)

AAY Tvedestrand: Ulevåg (EIS 6), 1♀ 9 July 2005, leg. ØBe.

Distribution: Palaearctic; Finland and Sweden.

Hemigasterini

Aptesis senicula (Kriechbaumer, 1893)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♂ 10 July 1994, leg. TJO.

Distribution: C and E Europe; new to Scandinavia.

Javra anomala (Morley, 1908)

AK Bærum: Kjaglidalen (EIS 28), 1♀ 11 - 26 July 1990 (MT), leg. MFa

Distribution: C Europe; new to Scandinavia.

Javra opaca (Thomson, 1873)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♀ 3 July 1994, 2♂♂ 10 July 1995, leg. TJO; **VE** Larvik: Brunlanes, Lerungsand (EIS 11), 1♀ 28 June 1995, leg. ØBe; **TEI** Notodden Lisleherad (EIS 27), 1♂ 22 June - 6 August 1993 (MT), leg. ABa. Distribution: Palaearctic; Denmark, Finland and Sweden.

Oresbius bipunctatus (Schmiedeknecht, 1931)

VE Stokke: Melsomvik (EIS 19), 1♂ 28 - 30 June 2000, leg. TJO.

Distribution: C Europe; new to Scandinavia.

Plectocryptus albulatorius (Gravenhorst, 1829)

Ø Halden: Saga (EIS 12), 1♂ 21 July 1996, leg. JAS.

Distribution: Palaearctic; Finland.

Phygadeuontini

Atracodes holmgreni Roman, 1918

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♂ 22 May 1994, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Atracodes pediophilus Förster, 1876

Ø Trøgstad, Hemnesjøen (EIS 20), 1♀ 25 June 1995, leg. TJO; **TEI** Seljord: Svartal (EIS 26), 1♂ 23 June 2005, leg. A. L. Aase & TJO.

Distribution: Palaearctic; Finland.

Dichrogaster schimitscheki (Fahringier, 1935)

Ø Rygge: Ekeby, Telemarkslunden (EIS 19),

1♂ 21 July - 24 August 1992 (MT) leg. LOH & GWa.

Distribution: Palaearctic; Finland and Sweden.

Gelis albipalpus (Thomson, 1884)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 1♀ 24 August - 16 October 1992 (MT), leg. LOH & GWa.

Distribution: Palaearctic; Finland and Sweden.

Mesoleptus angustulus (Förster, 1876)

Ø Sarpsborg: Sandbakken (EIS 20), 2♀♀ 16 June 1997, leg. TJO; Sarpsborg: Tune, Råkil (EIS 20), 1♂ 2000, leg. TJO; Hvaler, Vesterøy (EIS 20), 1♂ 21 October 1995, leg. TJO; Rygge: Ekeby, Gunnarsbybekken (EIS 19), 3♂♂ 19 May - 17 June 1992 (MT), leg. LOH & GWa; **AK** Bærum: Fleskumåsen (EIS 28), 1♀ 13 September 1999, leg. ØBe.

Distribution: Switzerland, new to Scandinavia.

Mesoleptus congener (Förster, 1876)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 2♀ ♀ 1♂ 24 August - 16 October 1992, (MT) leg. LOH & GWa; Sarpsborg: Tune, Solli (EIS 20), 1♂ 20 June 1994, leg. TJO.

Distribution: C Europe; new to Scandinavia.

Mesoleptus incessor (Haliday, 1838)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♂ 30 June 1993, leg. TJO.

Distribution: England; new to Scandinavia.

Mesoleptus laticinctus (Walker, 1874)

Ø Sarpsborg: Tune, Råkil (EIS 20), 2♀♀ 20 June 1994, 10 June 2004, 1♂ 14 June 1994, leg. TJO; Frederikstad (EIS 20), 1♂ 1 August 1991, leg. OSø; Trøgstad, Sandetangen (EIS 29), 1♂ 28 August 2005, leg. TJO; Sarpsborg: Tune, Vister (EIS 20), 1♂ 10 June 2005, leg. TJO; **AK** Bærum: Fleskumåsen (EIS 28), 1♀ 18-19 June 2003, leg. ØBe; **VE** Larvik: Brunlanes, Lerungsand (EIS 11), 1♂ 11 July 1999, leg. ØBe.

Distribution: E Palaearctic; new to Scandinavia

Mesoleptus petiolaris (Thomson, 1884)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♀ 12 July

1993, 1♂ 15 June 2000, 1♀ 20 June 2005, leg. TJO.

Distribution: Palaearctic; Sweden.

Mesoleptus pronus (Förster, 1876)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 2♂♂ 24 VIII-16 October 1992 (MT), leg. LOH & GWa.

Distribution: C Europe; new to Scandinavia.

Mesoleptus solitarius (Förster, 1876)

Ø Halden, Vesttorp (EIS 20), 1♀ 19 August 2000, leg. TJO.

Distribution: Germany; new to Scandinavia.

Mesoleptus tobiasi Jonaitis, 2004

BØ Hurum: Mølen (EIS 19), 1♂ 13 July 1989, leg. LOH.

Distribution: Lithuania; new to Scandinavia.

Mesoleptus vigilatorius (Förster, 1876)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 1♂ 21 VII- 24 August 1992 (MT), leg. LOH & GWa; **BØ** Nedre-Eiker: Mjøndalen, Miletjern (EIS 28), 1♀ September 1988, leg. D. Johansen; **TEI** Tinnsjö, Vedåsen 59°56'N 8°55'E, ca 600m, 1♂ 23 July 1987, leg. TMu.

Distribution: C Europe; new to Scandinavia.

Phygadeuon vexator (Thunberg, 1824)

VE Larvik: Brunlanes, Lerungsand (EIS 11), 1♀ 26 June 1995, leg. ØBe.

Distribution: Palaearctic; Denmark, Finland, and Sweden.

Platyrhabdus monodon (Thomson, 1884)

Ø Rygge: Sildebauen (EIS 19), 1♀ 26 August 1995, leg. ØBe.

Distribution: Palaearctic; Sweden.

Stilpnus crassicornis Thomson, 1884

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♀ 13 August 1999, leg. TJO.

Distribution: Holarctic; Finland and Sweden.

Stilpnus pavoniae (Scopoli, 1763)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 1♀ 21 July - 24 August 1992, 8♀♀ 24 August - 16

October 1992 (MT), leg. LOH & GWa; Rygge: Ekeby, Telemarkslunden (EIS 19), 9 ♀ and 3 ♂ 24 August - 16 October 1992 (MT), leg. LOH & GWa; VAY Søgne, Lyngmyr (EIS 2), 1 ♀ 29 July 2000, leg. ØBe; BØ Hurum: Ramvikholmen (EIS 19), 1 ♂ 12 August 1990, leg. LOH.

Distribution: Holarctic; Denmark, Finland, Iceland and Sweden.

CTENOPELMATINAE

Pionini

Rhorus palustris (Holmgren, 1857)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1 ♂ 28 May 1998, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Perilissini

Lophyroplectrus oblongopunctatus (Hartig, 1838)

Ø Sarpsborg: Grimsøy, Dusa (EIS 20), 1 ♀ 30 June 2005, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Mesoleiini

Campodorus hamulus (Gravenhorst, 1829)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1 ♀ 10 June 1997, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Campodorus pectinator Kasparyan, 2003

Ø Sarpsborg: Kvastebyen (EIS 20), 1 ♀ 20 July 2003, leg. TJO.

Distribution: Palaearctic; Sweden.

Saotis longiventris (Thomson, 1888)

OS Sør-Aurdal: Bagn (EIS 44), 1 ♀ 8-12 July 1996, leg. TMu.

Distribution: Only known from Finland and Sweden.

Euryproctini

Hadrodactylus bidentulus Thomson, 1883

Ø Sarpsborg: Skjeberg Kirke (EIS 20), 1 ♀ 15

June 2003, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Hadrodactylus genalis Thomson, 1883

HES Stange: Linderud (EIS 46), 1 ♀ 6 August 2004, leg. ØBe

Distribution: Palaearctic; Sweden

Synodites fasciellus (Holmgren, 1857)

Ø Sarpsborg: Skjeberg Kirke (EIS 20), 1 ♂ 1 June 2003, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

ICHNEUMONINAE

Phaeogenini

Aethecerus foveolatus Gregor, 1940

AK Sørum: Lørenfallet (EIS 37), 1 ♀ May 1994 (MT), leg. LOH & OSø.

Distribution: C and S Europe; new to Scandinavia.

Aethecerus graniger Thomson, 1891

TEI Sauherad: Sanden (EIS 18), 1 ♀ 11 June 1994, leg. ØBe.

Distribution: Palaearctic; Finland and Sweden.

Baeosemus mitigiosus (Gravenhorst, 1829)

VE Larvik: Brunlanes, Lerungsand (EIS 11), 1 ♀ 11 May 2001, leg. ØBe.

Distribution: Palaearctic; Finland and Sweden.

Diadromus arrisor Wesmæl, 1845

Ø Sarpsborg: Tune, Råkil (EIS 20), 1 ♂ 8 August 1994, 1 ♂ 20 July 1995, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Diadromus guttulatus (Gravenhorst, 1829)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1 ♀ 2 July 1995, leg. TJO.

Distribution: Palaearctic; Finland.

Diadromus intermedius Wesmæl, 1845

Ø Fredrikstad: Øra (EIS 20), 1 ♀ 7 July 1993, leg. TJO.

Distribution: Palaearctic; Sweden.

Dirophanes muricifer (Holmgren, 1890)

OS Sør-Aurdal: Bagn (EIS 44), 1♀ 8-12 July 1996, leg. TMu.

Distribution: Palaearctic; Finland and Sweden.

Epitomus alpicola (Strobl, 1901)

BV Rollag, Veggli, 1♀ 23 June 1995, leg. BAS.

Distribution: Palaearctic; Finland.

Eriplatys sawoniewiczzi Diller 1993

Ø Skjeberg, Grimsøy (EIS 20), 1♀ 22 April 1992, leg. TJO; BØ Nedre Eiker: Hagatjern, Ryggsætra. 1♂ October 1994 (LT), leg. YBe & LOH; Drammen, Underlia, 1♀ June 1993 (MT), leg. LOH.

Distribution: C and S Europe; new to Scandinavia.

Tycherus brunneus (Kiss, 1924)

This species was misidentified as *Tycherus-cephalotes* (Wesmael, 1845) (Riedel et al. 2000)

RY Sandnes: Dale (EIS 7), 1♀ ex *Pammene regiana* (Lep., Tortricidae), reared 21 May 1988, leg. LOH.

Distribution: S and E Europe; new to Scandinavia.

Tycherus fennicus (Hellén, 1951)

Ø Sarpsborg: Kjærringdåsen (EIS 20), 1♀ 31 May 1998, leg. TJO.

Distribution: Only known from Finland and Russia.

Platylabini

Platylabus curtorius (Thunberg, 1824)

[= *Platylabus punctifrons* Thomson, 1888]

AK Oslo: Røa (EIS 28), 1♂ 13 August 1995, leg. ØBe.

Distribution: Palaearctic; Sweden.

Platylabus gigas Kriechbaumer, 1886

OS Sør-Aurdal: Bagn (EIS 44), 1♂ 8 - 12 July 1996, leg. TMu.

Distribution: Palaearctic; Finland.

Platylabus mesoleucus Heinrich, 1936

AK Bærum: Kjeglidalen (EIS 28), 1♀ 11 - 25 July

1990 (MT) leg. FMa.

Distribution: C Europe and Finland.

Platylabus obator (Desvignes, 1856)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♂ 6 July 1996, leg. TJO; TEY Porsgrunn: Langangen (EIS 18), 1♂ 12 June 1994, leg. ØBe.

Distribution: C and S Europe; new to Scandinavia.

Platylabus pallidens Wesmael, 1853

BØ Kongsberg: Hvitvingfoss (EIS 19), 1♀ 23 June 2005, leg. TJO.

Distribution: Palaearctic; Sweden.

Eurylabini

Probolus crassulus Horstmann, 2000

VE Våle: Langøya (EIS 19), 1♀ 28 May - 8 July 1991 (MT), leg. LOH.

Distribution: C and S Europe; new to Scandinavia.

Ichneumonini

Cratichneumon albifrons (Stephens, 1835)

Ø Sarpsborg: Tune, Råkil (EIS 20), 1♂ 15 June 1997, leg. TJO.

Distribution: Palaearctic; Sweden.

Eupalamus oscillator Wesmael, 1845

Ø Halden: Vesttorp (EIS 20), 1♂ 17 June 2004, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Sycaonia foersteri (Wesmael, 1848)

Ø Sarpsborg: Sandbakken (EIS 20), 1♂ 8 June 1996, leg. TJO.

Distribution: Palaearctic; Finland and Sweden.

Heresiarchini

Coelichneumon consimilis (Wesmael, 1845)

Ø Rygge: Ekeby, Gunnarsbybekken (EIS 19), 1♀ 19 May - 17 June 1992 (MT), leg. LOH & GWa;

TEI Notodden: Lisleherad (EIS 27), 1♂ 22 June - 6 August 1993 (MT), leg. ABa; VAY Flekkefjord: Hidra, Dragøy (EIS 4), 1♂ 6 May - 20 June 1982 (MT) leg. A.J. Nilsen.

Distribution: Palaearctic; Finland.

Coelichneumon nobilis (Wesmael, 1857)

TEI Notodden: Lisleherad (EIS 27), 1♂ 22 June - 6 August 1993 (MT), leg. ABa.

Distribution: Palaearctic; Finland and Sweden.

METOPIINAE

Triclistus pygmaeus (Cresson, 1864)

OS Sør-Aurdal: Bagn (EIS 44), 2♂♂ 8 - 12 July 1996, leg. TMu.

Distribution: Holarctic and Oriental; Denmark, Finland and Sweden.

POEMENIINAE

Neoxorides varipes (Holmgren, 1860)

STI Midtre Gauldal: Ramstad (EIS 87), 1♀ 17 July 2004, leg. ØBe.

Distribution: Palaearctic; Finland and Sweden.

CORRECTIONS TO PREVIOUS PUBLICATIONS

The specimen determined as *Apaeticus bellicosus* (Riedel & Berg 1997) is in fact *Cyclolabus pactor* (Wesmael, 1845).

The specimens determined as *Zatypota albicoxa* (Walker, 1874) (Riedel et al. 2000) belong to *Z. percontatoria* (Müller, 1776). *Z. albicoxa* has not been found in Norway so far.

The specimen determined as *Colocnema erythrosticta* (Gravenhorst, 1829) (Riedel et al. 2005) is in fact *Giraudia gyratoria* (Thunberg, 1824) (det. J. Sawoniewicz). *C. erythrosticta* has to be removed from the Norwegian list.

The specimen called *Tycherus discolor* Wesmael,

1845 (Riedel et al. 2000) is *T. osculator* (Thunberg, 1824) [det. E. Diller]. *T. discolor* has not been found in Norway.

The specimen determined as *Heterischnus anomalus* (Wesmael, 1857) (Riedel et al. 2000) is in fact *H. filiformis* (Gravenhorst, 1829) [det. E. Diller]. *H. anomalus* has not been reported from Norway yet.

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