

Twenty-one ichneumonid wasps (Hymenoptera, Ichneumonidae) new to Norway

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The first Norwegian records of *Acrolyta marginata* (Bridgman, 1883), *Acrolyta semistrigosa* (Schmiedeknecht, 1897), *Aethecerus discolor* Wesmael, 1845, *Apaeticus bellicosus* Wesmael, 1845, *Ctenochira grossa* (Brischke, 1871), *Dusona thomsoni* Hinz, 1963, *Encrateola glabra* Horstmann, 1998, *Enizemum nigricorne* (Thomson, 1890), *Erromenus bibulus* Kasparyan, 1973, *Habronyx (Camposcopus) nigricornis* (Wesmael, 1849), *Homotropus collinus* (Stelfox, 1941), *Homotropus nigrolineatus* Strobl, 1903, *Lathiponus semiluctuosus* (Vollenhoven, 1878), *Netelia infractor* Delrio, 1971, *Netelia (Bessobates) pallescens* (Schmiedeknecht, 1910), *Netelia vinulae* (Scopoli, 1763), *Platylabus pumilio* Holmgren, 1871, *Stibeutes blandi* Schwarz & Shaw, 2011, *Stilbops vetulus* (Gravenhorst, 1829), *Thymaris niger* (Taschenberg, 1865) and *Uchidella brevicauda* Horstmann, 1993 are given, including short notes on distribution.

Key words: Ichneumonidae, Anomaloninae, Campopleginae, Cryptinae, Ctenopelmatinae, Diplazontinae, Ichneumoninae, Tryphoninae, new records, Norway.

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Introduction

Ichneumonidae is a very large family of parasitoid Hymenoptera. Almost 1900 species have been registered from Norway (Riedel & Hansen 2015). This is the third in a series of short papers reporting ichneumonids new to Norway (Haraldseide 2015, 2016). Below, twenty-one species are reported from Norway for the first time.

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 Gauld & Mitchell (1977) (Anomalinae); Horstmann (2009) (Campopleginae); Townes (1970) (Ctenopelmatinae); Schwarz & Shaw (2000) (Cryptinae: *Acrolyta* Förster, 1869); Horstmann (1998) (Cryptinae: *Encrateola* Strand, 1917); Horstmann (1993) (Cryptinae: *Uchidella*, Townes, 1957); Klopstein (2014) (Diplazontinae); Perkins (1959) (Ichneumoninae); Fitton (1984) (Stilbopinae); Kasparyan (1973) (Tryphoninae: Tryphonini); Broad (2012) (Tryphoninae: *Netelia* Gray, 1860); Fitton & Ficken (1990) (Tryphoninae: *Thymaris* Förster, 1869). Two species have been identified by others, these are credited under their respective records. Many identifications have been subjected to second opinions, see acknowledgements.

Records

ANOMALONINAE

Habronyx (Camposcopus) nigricornis (Wesmael, 1849)

Material: RY, Vindafjord: Oppsalsneset (N59.29479, E5.52589) (EIS 14) September 2016, 1♀ (Malaise trap), leg. Haraldseide, Håkon & Thorsen, Eivind; September 2017, 2♀♀ (Malaise Trap), leg. Haraldseide, Håkon & Thorsen, Eivind.

Distribution: Palearctic; Norway, Finland, Sweden.

CAMPOPLEGINAE

Dusona thomsoni Hinz, 1963

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) August 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland, Sweden.

CRYPTINAE

Acrolyta marginata (Bridgman, 1883)

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 3♀♀ (Malaise trap); October 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland.

Acrolyta semistrigosa (Schmiedeknecht, 1897)

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway.

Encrateola glabra Horstmann, 1998

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 2♀♀ (Malaise trap).

Distribution: Palearctic; Norway.

Stibeautes blandi Schwarz & Shaw, 2011

Material: HOY, Sveio: Mølstre (N59.516399, E5.277373) (EIS 22) June 2016, 1♀ (Malaise trap); July 2016 1♀ (Malaise trap), det. Martin Schwarz (Biologiezentrum, Linz, Austria).

Distribution: Palearctic; Norway.

Uchidella brevicauda Horstmann, 1993

Material: HOY, Sveio: Mølstre (N59.516399, E5.277373) (EIS 22) July 2014, 1♀ (Malaise trap); RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) May 2016, 5♂♂ (Malaise trap); July 2016, 4♂♂, 1♀ (Malaise trap); August 2016, 1♂ (Malaise trap); September 2016, 2♂♂, 2♀♀ (Malaise trap); Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) May 2016, 1♂ (Malaise trap); 4 June 2016, 1♂ (Yellow pan trap); Vindafjord: Oppsalsneset (N59.29479, E5.52589) (EIS 14) June 2017, 1♀ (Malaise Trap). leg. Haraldseide, Håkon & Thorsen, Eivind.

Distribution: Palearctic; Norway, Sweden.

CTENOPELMATINAE

Lathiponus semiluctuosus (Vollenhoven, 1878)

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 2♀♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland, Sweden.

DIPLAZONTINAE

Enizemum nigricorne (Thomson, 1890)

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) July 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland, Sweden.

Homotropus collinus (Stelfox, 1941)

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland.

Homotropus nigrolineatus Strobl, 1903

Material: HOY, Sveio: Mølstre (N59.516399, E5.277373) (EIS 22) May 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland.

ICHNEUMONINAE

Aethecerus discolor Wesmael, 1845

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) May 2016 1♀ (Malaise trap); August 2016 1♀ (Malaise trap); August 2016, 1♂ (Malaise trap); Vindafjord: Oppsalsneset (N59.29479, E5.52589) (EIS 14) July 2017, 1♀ (Malaise Trap). leg. Haraldseide, Håkon & Thorsen, Eivind; Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2015 1♀ (Malaise trap) June 2016, 1♀ (Malaise trap); July 2015, 2♀♀ (Malaise trap); August 2016, 2♂♂ (Malaise trap); September 2015, 2♀♀ (Malaise trap).

Distribution: Palearctic; Norway, Finland, Sweden.

Apaeleticus bellicosus Wesmael, 1845

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) July 2016, 1♂ (Malaise trap).

Distribution: Palearctic; Norway, Finland.

Platylabus pumilio Holmgren, 1871

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) July 2015, 2♀♀ (Malaise trap); August 2015, 1♂ (Malaise trap), det. Matthias Riedel (Zoologische Staatssammlung München, München, Germany).

Distribution: Palearctic; Norway, Finland, Sweden.

STILBOPINAE

Stilbops vetulus (Gravenhorst, 1829)

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) May 2016, 1♂2♀♀ (Malaise trap). June 2016, 4♀♀ (Malaise trap).

Distribution: Palearctic; Norway, Sweden.

TRYPHONINAE

Ctenochira grossa (Brischke, 1871)

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 1♀ (Malaise trap).

Distribution: Palearctic; Norway.

Erromenus bibulus Kasparyan, 1973

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 1♀ (Malaise trap); Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2016, 1♀ (Malaise Trap); Vindafjord: Oppsalsneset (N59.29479, E5.52589) (EIS 14) June 2016, 1♀ (Malaise trap) leg. Haraldseide, Håkon & Thorsen, Eivind.

Distribution: Palearctic; Norway, Finland.

Netelia infractor Delrio, 1971

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) 11 September 2016, 1♂2♀♀ (at light).

Distribution: Palearctic; Norway.

Netelia (Bessobates) pallescens (Schmiedeknecht, 1910)

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) 11 September 2016, 1♂ (at light).

Distribution: Palearctic; Norway.

Netelia vinulae (Scopoli, 1763)

Material: RY, Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2016, 1♂ (Malaise trap).

Distribution: Palearctic; Norway, Finland, Sweden.

Thymaris niger (Taschenberg, 1865)

Material: RY, Karmøy: Skår (N59.287979, E5.264283) (EIS 13) June 2016, 3♀♀ (Malaise trap); July 2016, 4♀♀ (Malaise trap); August 2015, 1♀ (Malaise trap); August 2016, 2♀♀ (Malaise trap); September 2016, 1♀ (Malaise trap); Suldal: Finnvik (N59.448504, E6.021319) (EIS 14) June 2016, 1♂ (Malaise trap); September 2016, 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, and potential for new discoveries.

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References

- Achterberg, C. van & Zwakhals, K. 2004. Fauna Europaea: Ichneumonidae. Fauna Europaea version 2.2. [<http://www.faunaeur.org>].
- Broad, G.R. 2012. Keys for the identification of British and Irish nocturnal Ichneumonidae. Department of Entomology, Natural History Museum, London. [<http://www.nhm.ac.uk/resources-rx/files/keys-for-nocturnal-workshop-reduced-109651.pdf>].
- Endrestøl, A. 2005. Ny versjon av EIS-systemet for Norge. *Fauna* (Oslo) 58, 92–97.
- Fitton, M.G. 1984. A review of the British Collyriinae, Eucerotinae, Stilbopinae and Neorhacodinae (Hymenoptera: Ichneumonidae). *Entomologist's Gazette* 35, 185–195.
- Fitton, M.G. & Ficken, L. 1990. British Ichneumonflies of the tribe Oedemopsini (Hymenoptera: Ichneumonidae). *Entomologist*. 109, 200–214.
- Gauld, I.D. & Mitchell, P.A. 1977. Ichneumonidae. Orthopelmatinae and Anomaloninae. *Handbooks for the Identification of British Insects* Vol. VII, Part 2(b), 1–29.
- Haraldseide, H. 2015. Five ichneumonid wasps (Hymenoptera, Ichneumonidae) new to Norway. *Norwegian Journal of Entomology* 62, 133–134.
- Haraldseide, H. 2016. Fourteen ichneumonid wasps (Hymenoptera, Ichneumonidae) new to Norway. *Norwegian Journal of Entomology* 63, 120–122.
- Horstmann, K. 1993. Die europäischen Arten von *Gnotus* Förster und *Uchidella* Townes (Hymenoptera, Ichneumonidae, Cryptinae). *Zeitschrift der Arbeitsgemeinschaft Österreichischer Entomologen* 45, 35–45.
- Horstmann, K. 1998. Revision einiger Gattungen und Arten der Phygadeuontini II (Hymenoptera, Ichneumonidae, Cryptinae). *Entomofauna* 19(26), 433–460.
- Horstmann, K. 2009. Revision of the western Palearctic species of *Dusona* Cameron (Insecta, Hymenoptera, Ichneumonidae, Campopleginae). *Spixiana*, 32/1, 45–110.
- Kasparyan, D.R. 1973. Fauna of the USSR Hymenoptera Vol. III Number 1. Ichneumonidae (Subfamily Tryphoninae) Tribe Tryphonini. Nauka Publishers, Leningrad. [Translated from Russian. Amerind Publishing Co. Ltd., New Delhi, 1981. 414pp.]
- Klopfstein, S. 2014. Revision of the Western Palearctic Diplazontinae (Hymenoptera, Ichneumonidae). *Zootaxa* 3801, 1–143.
- Økland, K.A. 1981. Inndeling av Norge til bruk ved biografiske oppgaver – et revidert Strand-system. *Fauna* (Oslo) 34, 167–178.
- Perkins, J.F. 1959. Ichneumonidae, key to subfamilies and Ichneumoninae – 1. *Handbook for the Identification of British Insects* Vol. VII. Part 1(2ai), 1–116.
- Riedel, M. & Hansen, L.O. 2015. Ichneumonidae (Hymenoptera) new for the fauna of Norway, Part 7. *Norwegian Journal of Entomology* 62, 180–187.
- Schwarz, M. & Shaw, M.R. 2000. Western Palearctic Cryptinae (Hymenoptera: Ichneumonidae) in the National Museums of Scotland, with nomenclatural changes, taxonomic notes, rearing records and special reference to the British check list. Part 3. Tribe Phygadeuontini, subtribe Chirocticina, Acrolytina, Hemitelina and Gelina (excluding Gelis), with descriptions of new species. *Entomologist's Gazette* 51, 147–186.
- Townes, H.K. 1970. The genera of Ichneumonidae, Part 3. *Memoirs of the American Entomological Institute*. No.13. 307 pp.
- Yu, D.S.K., van Achterberg, C. & Horstmann, K. 2012. Taxapad 2012, Ichneumonoidea 2011. [<http://www.taxapad.com>].

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