



Two new species of *Lathrolestes* (Hymenoptera, Ichneumonidae) from Norway, northern Russia and Finland with a key to western Palaearctic species

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Abstract

Species of the genus *Lathrolestes* Förster (Hymenoptera: Ichneumonidae) from western Palaearctic are reviewed. Two new species of *Lathrolestes* are described, *L. normae* **sp. n.** from Norway and Russia and *L. laevipleuris* **sp. nov.** from Finland. An illustrated key to European species is provided. Four additional species are recorded from Norway for the first time.

Key words: Ctenopelmatinae, Perilissini, new species, Norway

Introduction

The genus *Lathrolestes* Förster, 1869 (Hymenoptera, Ichneumonidae) is a large genus of the tribe Perilissini, subfamily Ctenopelmatinae, with 84 described species (Yu *et al.* 2012). The Nearctic species of the genus were revised recently (Reshchikov *et al.* 2010), the Palearctic members of the genus are in need of revision due to their diversity and difficulties in identification. Among 24 European species seven species of *Lathrolestes* have previously been recorded from Norway (Strand 1913, Roman 1936, Jussila 1976, Riedel *et al.* 2000, Riedel & Hansen 2012). In this paper which is a result of the project on Norwegian fauna of Ichneumonidae (Gusarov *et al.* 2012) we provide distribution records for eight species of *Lathrolestes* from Norway including three new records and one new species, *Lathrolestes normae* **sp. n.** This species is distributed also in Northern Siberia. A second new species, *L. laevipleuris* **sp. nov.**, was discovered from the Åland archipelago, Finland as an additional result. An illustrated identification key for European species is provided. This paper is one of the series of works aiming at providing keys and illustrations for the identification of *Lathrolestes*.

Material and methods

This study is based on specimens preserved in the following museums:

FMNH	Finnish Museum of Natural History
NTNU	Trondheim Museum of Natural History and Archaeology (Vitenskapsmuseet)
ZIN	Zoological Institute of Russian Academy of Science
ZMUB	University Museum of Bergen
ZMUN	Natural History Museum, University of Oslo

Species recorded in this paper were collected by sweep-netting or Malaise traps. Species distributions are mentioned according to the Catalogue of World Ichneumonidae (Yu *et al.* 2012). Type specimens of the following species were examined: *L. tripunctor* (Thunberg, 1824) (Thunberg collection, Uppsala Universitet, Zoologiska Institutionen, Entomologiska Avdelningen, Uppsala, Sweden, USL), *L. buccinators* (Holmgren, 1857), *L. lucidulus*