

Brief report

Notes on *Leptocampoplex cremastoides* (Hymenoptera, Ichneumonidae, Campopleginae), a new genus and species to the Finnish fauna

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Leptocampoplex cremastoides (Holmgren, 1858) is reported as new to Finland. The taxonomy and the biology of the species is shortly reviewed.

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Four females of *Leptocampoplex cremastoides* (Holmgren, 1858) have been found in a light trap material, collected by M. Nieminen in Ab: Korpo, Korpoström (66788:1999) 25.VII.–3.VIII.1992 (1 ex.) and 9–19.VIII.1992 (3 exx.). The specimens have been identified by the author by using the descriptions of the genus (Horstmann 1970, p. 78: *Leptocampoplex* gen. nov. and Townes 1970, p. 167: *Porizon* Fallén, 1813) and the descriptions of the species given by Schmiedeknecht (1909, p. 1640: *Phaedroctonus cremastoides*) and by Kasparyan (1981, p. 403: *L. cremastoides*). The specimens are deposited in the Zoological Museum, University of Oulu.

The Holarctic genus *Leptocampoplex* is represented by the single species *cremastoides* (Horstmann 1970, Barron & Bisdee 1977). As the name of the species already suggests, *L. cremastoides* superficially resembles members of *Cremastus* Gravenhorst (Hymenoptera, Ichneumonidae, Cremastinae) by having a very slender and elongate body and by lacking areolet in the front wings. However, *L. cremastoides* is a true campoplegine (differs from cremastines as follows: clypeus not distinctly separated from face, face black, meso- and metafemoral spurs not separated by a sclerotized bridge from tarsomere 1), and it is on the basis of both the adult morphology (Horstmann 1970) and the cephalic structure of the final instar (Barron & Bisdee 1977) closely

related to members of *Macrus* Gravenhorst.

Horstmann (1970) based *Leptocampoplex* on the type species *Nemeritis cremastoides* Holmgren. According to Horstmann (1970), Roman (1932) erroneously synonymized *N. cremastoides* with the Linnean type of *Ichneumon moderator* [= *Phaedroctonus moderator* (Linnaeus, 1758) Horstmann 1986]. Townes' (1970) description and figure of *Porizon moderator* is actually a description and figure of *L. cremastoides* (Horstmann 1970, Barron & Bisdee 1977). The other two species belonging to *Porizon sensu* Townes (1970) are, according to Horstmann (1970), a Nearctic subspecies of *cremastoides* and a species belonging to *Macrus*. More confusingly, Schmiedeknecht (1909) placed *cremastoides* into *Phaedroctonus*, together with two true species of the genus. *L. cremastoides*, however, is easily distinguishable from *Phaedroctonus* and the other genera of the tribe Campoplegini *sensu* Townes 1970 e.g. by having small but discernible glymmae on the petiolus.

L. cremastoides is known from Europe (Schmiedeknecht 1909) and North America (Townes 1970, Barron & Bisdee 1977). The hosts are presumably microlepidopteran larvae, living concealed in cones of conifers (Schmiedeknecht 1909, Barron & Bisdee 1977) and in bracket fungi (Barron & Bisdee 1977). The data on the spruce cone moth, *Cydia* (= *Laspeyresia*) *strobilella* (L.), as a host of *L. cre-*

mastoides (Roman 1932) is based on mistaking *L. cremastoides* for *Phaedroctonus moderator* (Horstmann 1970).

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