

Biological notes and distribution of *Leiopus* Audinet-Serville, 1835 (Coleoptera, Cerambycidae) in Norway

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The distribution of *Leiopus nebulosus* (Linnaeus, 1758) and *L. linnei* Wallin, Nylander & Kvamme, 2009, in Norway is discussed and depicted. Observations of host trees as well as information of substrate qualities and phenology are included.

Key words: Cerambycidae, Lamiinae, Acanthocinini, *Leiopus nebulosus*, *Leiopus linnei*, Norway, distribution, host trees.

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Introduction

Before 2009 *Leiopus nebulosus* (Linnaeus, 1758) was considered to be one species, but has been shown to consist of two sibling species (Wallin *et al.* 2009). *L. nebulosus* was documented from Sweden, Denmark and Finland, while *L. linnei* was shown to be in Sweden and Denmark. Both species were only briefly mentioned from Norway (Wallin *et al.* 2009). In addition, both species have been documented from many other European countries, as far south as the Mediterranean (Wallin *et al.* 2009, Gutowski *et al.* 2010). In this paper, we discuss the distribution in Norway in detail. The host tree preferences, choice of substrate and phenology is also documented and discussed. A third species, *L. punctulatus* (Paykull, 1800) occurs in Sweden and Finland, but has, so far, not been reported from Norway (Ehnström & Holmer 2007, Silfverberg 2010).

Material and methods

All the examined specimens have been determined by the authors according to the description and identification key provided by Wallin *et al.* (2009). Records mentioned in literature have been omitted when no reference specimen(s) have been available for examination. When no date of collection is given, we refer to the year of death of the collector as mentioned in Sømme (2004).

Specimens from the following collections have been examined: The collection of Frode Ødegaard (Trondheim) (CFØD), Oddvar Hanssen (Trondheim) (COHA), Sindre Ligaard (Vestby) (CSLI), The collection of Torstein Kvamme (Ås) (CTKV) and Natural History Museum, Tøyen, University of Oslo (NHMO).