

Notes on Norwegian sawflies (Hymenoptera, Symphyta) II. 13 species new to the Norwegian Fauna

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A sawfly material, mainly from the collections at Natural History Museum, Oslo, is published. In this paper comments on 20 sawfly species with notes on their biology are given, 13 species are reported new to the Norwegian fauna.

Key words: Hymenoptera, Symphyta, faunistics, Norway

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Introduction

In course of the preparation of a Norwegian check list on sawflies, the author has been able to confirm more than 450 species so far published from Norway. The knowledge on the sawfly fauna in Norway has been a subject for very little attention for many decades. Most of the faunistic works concerning this insect group was published from 1880 to 1920. The main publications from this period is: Siebke (1880), Schøyen (1880, 1887), Kiær (1892, 1893, 1895, 1898) and Strand (1898a, 1898b, 1900, 1901, 1903, 1906, 1912, 1919). In recent time work has been carried out on Xyelidae, Pamphiliidae, Siricidae and Xyphidriidae (Midtgaard, 1987, 1988). Nuorteva et al. (2005) gives a species list from the Østfold County with many new additions to the fauna. Some Norwegian species was also included by Anderson (1962).

Sawflies were surveyed for the 2006 Norwegian Red List (Kålås, et al., 2006). A total of 232 species was evaluated for listing, of which 38 are on the 2006 Red List.

For the last ten years or so, a great effort in collecting sawflies has been carried out by many

entomologists in Norway, and this has increased the faunistic knowledge on this insect group dramatically. Here comments on 20 species with notes on their biology are given. 13 species are new additions to the Norwegian fauna, 4 species are previously published in reports and 3 species are previously published as other species or other synonyms.

Material

Most of the material examined is kept at the Natural History Museum, Oslo. Material that belongs to or partly belongs to other collections is specified in the text. The nomenclature is after Taeger et al. (2006).

Records of each species include the EIS-grid number, based on 50 x 50 km squares (Endrestøl 2005). Regional abbreviations are identical to those given by Økland (1981).

Abbreviations: * (New to Norway), EH (Erik Heibo private collection), FØ (Frode Ødegaard private collection), NHMO (Natural History Museum, Oslo), OJL (Ole J. Lønnve private collection), ZMB (Zoological Museum, University of Bergen).