

# ***Aglaostigma alpinum* (Thomson, 1871) and *Tenthredo velox* Fabricius, 1798 in Norway (Hymenoptera, Symphyta, Tenthredinidae)**

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The following two species of sawflies (Hymenoptera, Symphyta, Tenthredinidae) *Aglaostigma alpinum* (Thomson, 1871) and *Tenthredo velox* Fabricius, 1798, are recorded for the first time from Norway. Remarks on their biology and distribution are given.

Keywords: Tenthredinidae, *Aglaostigma alpinum*, *Tenthredo velox*, new records, Norway.

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## **INTRODUCTION**

The tenthredinid genera *Aglaostigma* and *Tenthredo* are so far represented with 2 and 26 species respectively in Norway (Siebke 1980, Strand 1898, Kiær 1898, Nuorteva et al. 2005, Heibo & Lønnve 2006, Taeger et al. 2006). Both genera belong to the large subfamily Tenthrediniinae (Viitasaari 2002), that contains most of the large and colourful tenthredinids. A number of species are carnivorous as adults, and attack smaller insects. Unlike most other sawflies number of tenthredinines are polyphagous, feeding as a larva on a wide range of host plants.

In this paper two more species are added to the Norwegian fauna: *Aglaostigma alpinum* (Thomson, 1871) and *Tenthredo velox* Fabricius, 1798. All hitherto known records of *A. alpinum* and *T. velox* in Norway are presented.

## **MATERIAL & METHODS**

Material from all major museums in Norway has been reviewed. The presented material is deposited in the collections of the Natural History Museum, University of Oslo, German Entomological Institute in the Leibniz Centre for Agricultural Land Use Research (ZALF), and private collection of E. Heibo. Regional abbreviations are given in accordance to Økland (1981). The nomenclature is according to Blank et al. (2006), while plant names are according to Lid (1987).

## **RESULTS & DISCUSSION**

### ***Aglaostigma alpinum* (Thomson, 1871)**

= *Aglaostigma nivosa* Klug, 1814

= *Tenthredopsis nivosa* (Klug, 1814)

*A. alpinum* (see Figure 1) is 7.5–11 mm long with brown, white and yellowish pattern. It is