

Checklist of Nordic Thysanoptera

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A checklist of species of Thysanoptera from each of the Nordic countries is presented. The list is based on published data, unpublished data (personal communication) and own results. 194 species from 69 genera are recorded till now. The number of species and genera from Norway, Sweden, Finland, Denmark and Iceland respectively, are 162/63, 131/54, 148/59, 111/45 and 12/7. New species, with detailed information, from Norway and Sweden are 12 and 3 respectively.

Key words: Thysanoptera, Norway, Sweden, Finland, Denmark, Iceland.

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Introduction

Thysanoptera means fringewings which is a very descriptive name as the wings are equipped with long setae increasing the surface and the flying capacity. The common name thrips is of Greek origin, *Θρίψ*, meaning woodworm. The last letter psi is the reason why thrips sounds like plural for us. Thrips is correct as singular and plural.

The order Thysanoptera is old, and the genus *Frankliniella*, which still is present in South America, Europe, Africa and Australia, was probably present in Gondwanaland (Mound 2002) together with the dinosaurs.

Many species live in hidden habitats like flowers or on fungi on dead plant material, and they are not likely seen unless specially looked for. As thrips also are very small, most species are 1-2 mm long, they are easily overlooked.

Worldwide some 6000 species are known (Mound 2009), but as the tropics are poorly studied, the number is probably much higher.

The nine most recent reports on Thysanoptera in the Nordic countries are compiled in one checklist.

Material and methods

The nomenclature and revisions follow Mound (2009).

Presence for a species for each of the Nordic countries is given as a letter: N – Norway, S – Sweden, F – Finland D – Denmark and I – Iceland. Capital letters are used for species living outdoors, while small letters indicate that the species is recorded under artificial conditions like greenhouses. A numeral indicates the reference for the occurrence: 1) Kobro 2003, 2) Olsen & Solem 1982, 3) Olsen 1987, 4) Olsen & Midtgaard 1996, 5) Vasiulu-Oromulu, zur Strassen & Larsson 2001, 6) Kettunen 2008 with 5 additions, 7) Maltbæk 1932, 8) Kobro 1996 and 9) zur Strassen, personal comments (one typewritten report from 1995 and undated handwritten notes).

The new species from Norway and Sweden are deposited in following collections: Norway: Plant Health and Plant Protection Division: PHPPD; Sweden: Cell- and organism biology, Lund University: COB, The Swedish Museum of Natural History: SMNH