

Notes on new and interesting Diptera from Norway

ØIVIND GAMMELMO & GEIR SØLI

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Thirty-one species are reported new to Norway, most of them from the Oslofjord-area. The species are: Phoridae: *Borophaga agilis* (Meigen, 1830), *Borophaga incrassata* (Meigen, 1830), *Diplonevra abbreviata* (von Roser, 1840), *Diplonevra florescens* (Turton, 1801), *Diplonevra funebris* (Meigen, 1830), *Diplonevra pilosella* (Schmitz, 1927), *Megaselia barbulata* (Wood, 1909), *Megaselia subconvexa* (Lundbeck, 1920), *Phalacrotophora berlinensis* Schmitz, 1920, *Woodiphora retroversa* (Wood, 1908); Pipunculidae: *Chalarus latifrons* Hardy, 1943, *Chalarus spurius* (Fallen, 1816), *Tomosvaryella littoralis* (Becker, 1897); Micropezidae: *Cnodacophora styliifera* (Loew, 1870); Stongylophthalmyidae: *Strongylophthalmyia pictipes* Frey, 1935; Psilidae: *Psila fimetaria* (Linnaeus, 1761); Tephritidae: *Campiglossa argyrocephala* (Loew, 1844), *Orellia falcata* (Scopoli, 1763); Lauxaniidae: *Trigonometopus frontalis* (Meigen, 1830); Anthomyzidae: *Anthomyza macra* Czerny, 1928; Asteiidae: *Asteia amoena* Meigen, 1830; Sphaeroceridae: *Leptocera oldenbergi* (Duda, 1918), *Pullimosina moesta* (Villeneuve, 1918); Drosophilidae: *Hirtodrosophila oldenbergi* (Duda, 1924), *Scaptodrosophila deflexa* (Duda, 1924), *Scaptomyza teinoptera* Hackman, 1955, *Drosophila limbata* von Roser, 1840, *Hirtodrosophila trivittata* (Strobl, 1893); Ephydriidae: *Nostima picta* Fallén, 1813, *Scatella lutosa* (Haliday, 1833), *Haloscatella dictaeta* Loew, 1860. In addition, the Norwegian fauna of Anthomyzidae is briefly commented on.

Key words: Diptera, Norway, Phoridae, Pipunculidae, Micropezidae, Stongylophthalmyidae, Psilidae, Tephritidae, Lauxaniidae, Anthomyzidae, Asteiidae, Sphaeroceridae, Drosophilidae, Ephydriidae.

Øivind Gammelmo, BioFokus, Gaustadalléen 21, NO-0349 Oslo, Norway.
E-mail: oivind@biofokus.no

Geir Söli, Natural History Museum, University of Oslo, P.O. Box 1172 Blindern, N0-0318 Oslo, Norway. E-mail: geir.soli@nhm.uio.no

Introduction

Except for a few families, our knowledge about Diptera in Norway must be characterized as highly deficient and incomplete, both when it comes to the number species present and the distributional range of the species recorded. Up to present, about 5127 species have been reported from Norway (Artsportalen 2011). This is a strikingly low number compared to those reported from our neighboring countries. If we look at Sweden where one may assume a much similar number of species due to its geographic location, as many

as 6974 species are reported up to now (Dyntaxa 2011). From this one may deduce the number of species in Norway to be comparatively high. Although the southernmost parts of Sweden may held a higher number of thermophilous species, one should at least expect the number of species in Norway to exceed 6500.

This paper is intended to be the first in a series which presents data on Diptera new to the Norwegian fauna. We will also include records of species known to exist in Norway, but for which we have no or very poorly documented distributional data.