

Five mesostigmatid mites (Acari, Mesostigmata) new to the Norwegian fauna

DARIUSZ J. GWIAZDOWICZ, TORSTEIN SOLHØY & KRISTIN KAASA

Gwiazdowicz, D.J., Solhøy T. & Kaasa K. 2013. Five mesostigmatid mites (Acari, Mesostigmata) new to the Norwegian fauna. *Norwegian Journal of Entomology* 60, 8–10.

This paper presents five mesostigmatid mites (*Cheiroseius bryophilus* Karg 1969, *Cheiroseius mutilus* (Berlese 1916), *Lasioseius mirabilis* Christian et Karg 1992, *Neojordensia sinuata* Athias-Henriot 1973, *Macrocheles carinatus* (C.L. Koch 1839)) new to the Norwegian fauna. Distributions and habitats outside of Norway are discussed.

Key words: Mites, Acari, Mesostigmata, Gamasina, *Cheiroseius bryophilus*, *Cheiroseius mutilus*, *Lasioseius mirabilis*, *Neojordensia sinuata*, *Macrocheles carinatus*, eutrophic wetland, Norway.

Dariusz J. Gwiazdowicz, Poznan University of Life Sciences, Department of Forest Protection, Wojska Polskiego 71c, 60-625 Poznań, Poland. E-mail: dagwiazd@up.poznan.pl

Torstein Solhøy, University of Bergen, EEC Research Group, Department of Biology, P.O. box 7820, NO-5020 Bergen, Norway.

Kristin Kaasa, Grågåsvæien 12, NO-1679 Kråkerøy, Norway.

Introduction

According to the checklist of Norwegian mesostigmatid mites (Gwiazdowicz & Gulvik 2005b) and two additional reports (Gwiazdowicz & Gulvik 2005a, 2007), a total of 225 mesostigmatid mites species have been reported from Norway. In this paper we describe five new species collected from eutrophic wetlands in western Norway.

Descriptions of the localities

Midtveitvatnet lies in Sund municipality at 60°15'43"N and 04°58'48"E at 20m.a.s.l. The sampling location consists of a eutrophic lake surrounded by reed bed (*Phragmites australis* (Cav.) Trin. ex Steud.) and is approximately 20 hectares in area. The samples were collected on 27 April 2009.

Seimsvatnet is a lake in Lindås municipality

at 60°36'35"N and 05°17'06"E at 39m.a.s.l. The lake is surrounded by canary grass *Phalaris canariensis* L. and with an area of 100 hectares. The samples were collected on the 1 July 2009.

Liavatnet is a lake in Lindås municipality at 60°36'51"N and 05°22'42"E at 14m.a.s.l. A well-developed 12 hectare reed bed, *Phragmites australis*, lies at the northern end of the lake. The samples were collected on the 1 July 2009.

Vadet is a small swamp (9 hectares) in Fjell municipality consisting mainly of reeds. The swamp lies at 60°25'06"N and 04°58'10"E at about 20m.a.s.l. The samples were collected on the 11 July 2009.

Måsavatnet is a lake on Turøy in Fjell municipality at 60°26'44"N and 04°55'14"E at approximately 13m.a.s.l. The sampling location has an extent of approximately 24 hectares with swamp scrub and horsetail vegetation along the edges. The samples were collected on the 11 July 2009.