

***Gaurax flavomaculatus* (Duda, 1933) (Diptera, Chloropidae) found in Norway – with data on distribution and the mode of life of the species**

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Gaurax flavomaculatus (Duda, 1933) is reported new to Norway. Five females were found in a Malaise trap in the extreme South of Norway (AAY) in August–September 2004. New data on distribution of the species in Europe and the mode of life of the larvae are given.

Key words: Diptera, Chloropidae, *Gaurax flavomaculatus*, distribution, biology, *Gaurax polonicus*.

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INTRODUCTION

G. flavomaculatus was described by Duda in 1933 from Germany (type locality Tholey Kr. Sankt Wendel, Saargebiet) in the genus *Goniopsita* Duda, 1930. The species was listed in the genus *Fiebrigella* Duda, 1921 in the Catalogue of Palaearctic Diptera (Nartshuk 1984) and in the genus *Lasiambia* Sabrosky, 1941 in the checklist of Diptera of Germany (Wendt 1999). Later *Gaurax britannicus* Deeming, 1980 was described from England: Hertfordshire, Potters Bar (Deeming 1980), and Ismay (1994) found a second specimen of the species in Oxfordshire (England). Ismay who investigated Duda's type in the Museum für Naturkunde der Humboldt Universität zu Berlin transferred the species to the genus *Gaurax* Loew, 1963 and found that *G. britannicus* is a junior synonym of *G. flavomaculatus* Duda, 1933 (Merz, Ismay, Schulten & Dely-Draskovits 2005; Ismay & Schulten 2006).

MATERIAL

The Chloropid fly *Gaurax flavomaculatus* (Duda,

1933) is recorded for the first time from Norway. The specimen was found in the collection of the Natural History Museum, University of Oslo. Five females were sorted out from Malaise trapped material labeled "EIS 28 AAY Lillesand: Lillesand Furulia, S faced slope, August–September 2004 UTMwGS8432V623656, Leg. Gunnar Wiig."

DISCUSSION

Gaurax flavomaculatus is a rather rare European species associated with broad-leaved forests. In this paper *G. flavomaculatus* is reported from Norway (from the south of the country) for the first time. In connection to this study some additional specimens of this species were examined in the collection of the Zoological Institute, Russian Academy of Sciences, St. Petersburg. These specimens clarify the geographical distribution of *G. flavomaculatus* in Eastern Europe. Further, some of these specimens were reared from wood and bark samples, and therefore provide additional information on the bionomics of the larvae.

The following specimens have been examined: