

***Euides speciosa* (Boheman, 1845) (Homoptera, Delphacidae) in Norway**

Lars Ove Hansen

Hansen, L. O. 2000. *Euides speciosa* (Boheman, 1845) (Homoptera, Delphacidae) in Norway. *Norw. J. Entomol.* 47, 148.

The plant hopper *Euides speciosa* (Homoptera, Delphacidae) is recorded for the first time in Norway. Four males were captured at the northern shore of Lake Østensjøvannet, Oslo, July 1996. Notes on distribution and biology are briefly given.

Key words: *Euides speciosa*, Homoptera, Delphacidae, Lake Østensjøvannet, new to Norway.

Lars Ove Hansen, Zoological Museum, University of Oslo, Sarsgate 1, NO-0562 Oslo, Norway.

Introduction

The Lake Østensjøvannet is situated only 5 km from the city centre of Oslo. It is a well known resource and picnic area, used for many years as a study site for the University of Oslo. In 1995 an investigation was initiated to get a more total survey of the insect fauna in this area, in particular the terrestrial groups. Until present a total of 1800 insect species are recorded from this Lake area (Hansen & Falck 2000), including the first record in Norway of the planthopper *Euides speciosa*.

The subfamily Delphacinae includes only three genera in N Europe, i.e. *Delphax*, *Conomelus* and *Euides* (Ossiannilsson 1978). *Euides speciosa*, the only species occurring in N Europe of this genus, resembles *Delphax* as imago, but they may easily be distinguished by their antennae. *Delphax* has the first antennal segment considerably longer than the second, while the first segment in *Euides* is shorter than the second (Jensen-Haarup 1920).

The record

Four males of the planthopper *E. speciosa* were captured in a malaise-trap situated at AK Oslo: Østensjøvannet (Northern shore) (EIS 28) 1 - 31 July 1996, leg. Lars Ove Hansen & Morten Falck. The locality is a typical eutrophic freshwater shore dominated by *Phragmites communis* together with other limnic shore plants (e.g. *Iris*, *Typhae*, *Juncus*), and some alder forest (*Alnus incana*) as well.

Biology and distribution

E. speciosa is widespread in both limnic and marine shores, most abundant on *P. communis* (Jensen-Haarup 1920). The biology seems quite similar to that of the two northern European species of *Delphax*.

E. speciosa is found widespread in Europe, eastwards to Kazakhstan (Ossiannilsson 1978). In Sweden it is not rare in the SE parts of the country, where it is recorded north to Uppland (Up) and Närke (Nä). It seems scarce but widespread in Denmark, and very rare in Finland.

Acknowledgements. I am indebted to Morten Falck for help during the field work, and to Østensjøvannets Venner (i.e. Friends of Østensjøvannet), represented by Finn Gulbrandsen, who financed this insect study at Lake Østensjøvannet. Also thanks to Anne Mette Austmyr for kindly correcting the English.

References

- Hansen, L.O. & Falck, M. 2000. Insektfaunaen ved Østensjøvannet, Oslo kommune. 75 pp. Østensjøvannets venner, Oslo.
- Jensen-Haarup, A.C. 1920. Cikader. Danmarks Fauna 24. 189 pp. G.E.C. Gads Forlag, København.
- Ossiannilsson, F. 1978. The Auchenorrhynca (Homoptera) of Fennoscandia and Denmark. *Fauna Ent. Scand.* 7 (1), 1–222.

Received 18 October 2000,
accepted 10 November 2000