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Description of male genitalia of the Australian species *Hebrus nourlangiei* LANSBURY 1990 (Heteroptera: Hebridae)

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Abstract The male genitalia of the Australian hebrid species *Hebrus nourlangiei* LANSBURY 1990 are described and figured.

Key words: Hebridae, *Hebrus nourlangiei*, male genitalia, Australia.

Introduction

LANSBURY (1990) revised the Australian species of the genus *Hebrus* CURTIS 1833 and described three new species. One of them, *Hebrus nourlangiei* LANSBURY, was described after three specimens from the Kakadu National Park in Northern Territory. Unfortunately the single male was too destroyed to give a description of the male genitalia.

A single male collected in the same area and deposited in the Natural History Museum, Vienna (NMW), totally agrees with the description given by LANSBURY (1990). As the male genitalia, especially shape and setiferation of parameres, are of high diagnostic value for the identification of species, a description is presented. Because of the smallness of male genitalia in *Hebrus*, examination with SEM photographs has been proved to be of best advantage (COBBEN 1981).

Material and Methods

Specimen examined: 1♂ "AUSTRALIA: N. Terr./ Kakadu NP, Waterfall/ Creek, 23.8.1993/ leg. GROSS & KOLLER" (NMW).

The genitalia were dissected from the abdomen. For scanning electron microscopic observations these parts were dried in ethanol and acetone, coated with gold by sputtering, and examined with a JEOL 6400 Scanning Microscope.

Description of male genitalia of *Hebrus nourlangiei* (Fig. 1-2)

Pygophor long and very slender in side view, distally with long bristles. Parameres symmetrical, short and rather broad, 0.17 times as long as pygophor, apex hook-shaped, pointed upwardly, with some long and one very long bristle which is longer than length of paramere. Proctiger distally with long bristles, without special characters.

Generally the genitalia of *Hebrus nourlangiei* are of typical *Hebrus* shape: proctiger of normal size, and parameres very small and in situ not visible externally. This distinguishes it from the Australian *H. monteithi* LANSBURY 1990 and some Philippine species which have long and slender parameres with long hairs. Because of the hook-like apex, the shape of the paramere is very similar to these of *H. axillaris* HORVÁTH 1902 and *H. woodwardi* LANSBURY 1990. But the very conspicuous long bristle in the distal part of the paramere is not mentioned in the description of these species.

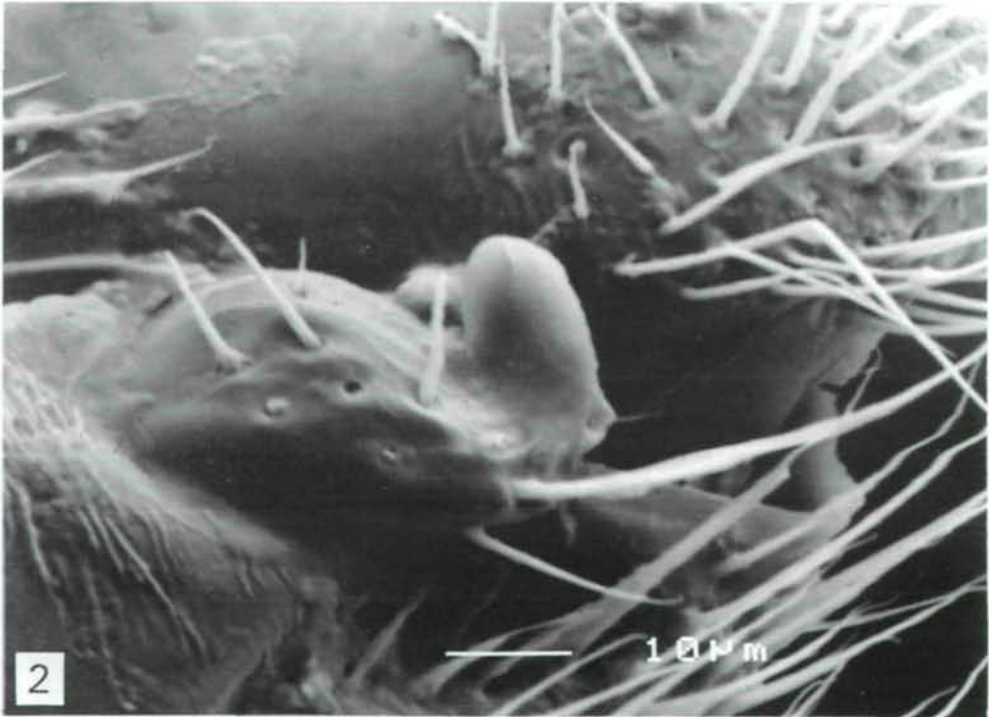
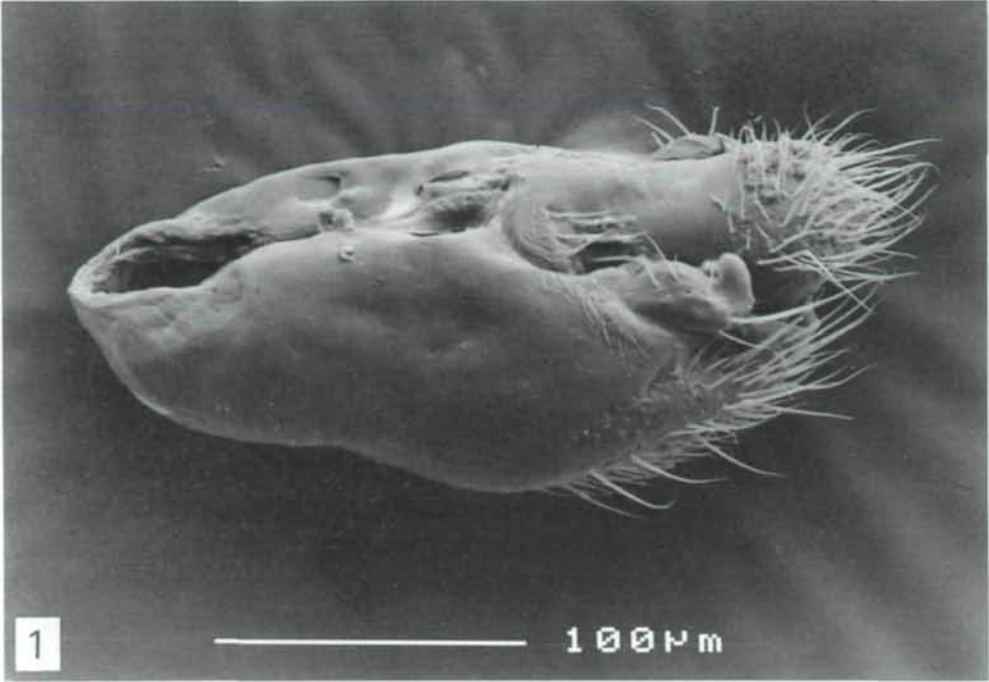
Zusammenfassung

Die Genitalorgane der australischen Zwerggläuserart *Hebrus nourlangiei* LANSBURY 1990 (Hebridae) werden beschrieben und abgebildet.

References

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Figs. 1-2: Male genitalia of *Hebrus nourlangiei*. (1) genital capsule, side view. (2) paramere, side view.

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