

A new species of Miridae (Bryocorinae) from Sulawesi (Hemiptera)

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Abstract

The author describes a new species of Miridae (Bryocorinae, Hemiptera) from Sulawesi (Indonesia) as follows : *Stenopterisca sulawesia* n. sp., Utara, Dumoga-Bone National Park. Illustrations of habitus and male genitalia are included.

Key words : New species Miridae (Hemiptera), Sulawesi

Résumé

Stenopterisca sulawesia n. sp. (Hemiptera, Miridae, Bryocorinae) est décrite d'Utara, Dumoga-Bone National Park au Sulawesi. L'habitus et les génitalia mâles sont figurés.

Mots-clefs : espèce nouvelle Miridae, Sulawesi

Introduction

The author has received for identification several specimens of Miridae (Hemiptera) from Sulawesi, Indonesia. The majority of them were collected at Utara Dumoga-Bone National Park, by Doctors R. Bosman and J. Van Stalle, participants of Project Wallace (I.G.26.977). Altogether 20 species were identified with security and specimens with a single specimen or with uncertain identification have received only generic name. They belong to the "Institut Royal des Sciences Naturelles de Belgique, Bruxelles.

One new species, represented by 5 specimens is herewith described and figured.

Illustrations in the next were provided by Luiz Antonio Alves Costa and Maria Lilia Gomide da Silva under the author's supervision.

Stenopterisca sulawesia n. sp.

(Figs. 1-4)

Male : Length 3.0 mm, width 0.9 mm. *Head* : Length 0.1 mm, width 0.6 mm, vertex 0.24 mm. *Antenna* : segment I, Length 0.3 mm ; II, 0.6 mm ; III, 0.7 mm ; IV, 0.9 mm. *Pronotum* : Length 0.6 mm, width at base 0.9 mm. *Cuneus* : Length 0.90 mm, width at base 0.30 mm (holotype).

General coloration pale green ; eyes, apex of segment I and segments II-IV of antenna, outer margin of cuneus

and nervures of membrane darkened. Underside of body pale green, claws black.

Genitalia : Penis (Fig. 2) with vesica characteristic, as shown in illustration, theca long and narrow. Left paramere (Fig. 3) curved, apex acute, with long setae dorsally. Right paramere (Fig. 4) enlarged and rounded apically, covered by long setae, a small lateral excrescence and narrowed base.

Female : Similar to male in dimensions, color and general aspect. Vertex 0.28 mm.

Holotype : Male, SULAWESI, Utara, Dumoga Bone National Park, waterfall trail, 280 m, 14.XI.1985, Station 0.94, Project Wallace, Leg. R. Bosmans & J. Van Stalle, I.G. n.a. 26.977, in the collection of the Royal Institut of Natural Sciences, Bruxelles, Belgique.

Paratypes : Male and three females, same data as type, in the collection above and author's collection, Rio de Janeiro.

Differs from *Stenopterisca viridis* Carvalho, 1981 by its color and by the morphology of the male genitalia.

The specific name is given in allusion to Sulawesi where the specimens were collected.

Reference :

CARVALHO, J.C.M., 1981, The Bryocorinae of Papua New Guinea (Hemiptera, Miridae). Arq. Mus. Nac. R. Jan., 56 : 35-89, 200 figs.

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Explanation of figures

Stenopterisca sulawesia n. sp. : Fig. 1 - Male, holotype ; Fig. 2 - Penis ; Fig. 3 - Left paramere ; Fig. 4 - Right paramere.

