



Two new species of *Heissothignus* from New Guinea (Heteroptera: Lygaeoidea: Heterogastridae)

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Abstract

Two new species *Heissothignus slateri* and *Heissothignus baitetus* from New Guinea are described, illustrated, and included in the family Heterogastridae (Lygaeoidea). A key to the known species of *Heissothignus* is presented.

Key words: Heteroptera, Heterogastridae, *Heissothignus*, new species, New Guinea

Introduction

Slater and Brailovsky (2006) described the genus *Heissothignus* and include three new species all collected in New Guinea.

The genus *Heissothignus* Slater & Brailovsky (2006) is characterized by having the eyes produced on elongate stalks; the rostrum elongate and extending well onto abdominal sterna; the bucculae long and carinate; the scutellum with anterior half swollen, and posterior half with low raised median ridge; the endocorium hyaline; the hemelytral membrane with a distinct basal cell; the legs unarmed; the abdominal spiracles located ventrally; and sterna III and IV fused.

This contribution adds two new species, and a key to the five known taxa.

Material and methods

The following abbreviations are used for the institutions cited here: Institut Royal des Sciences Naturelles, Bruxelles, Belgique (IRNB); University of California, Davis, Department of Entomology, USA (UCDA).

Heissothignus slateri sp. nov.

(Figs. 3, 4)

Description. Holotype male. Dorsal color. Head dull brown with eyes stalks, lateral margin including antenniferous tubercle, and middle third of vertex pale yellow, and punctures dark castaneous orange; antennal segment I dark brownish orange, II and III dark yellow with apical third dark brownish orange, and IV dark brownish orange with basal third and apex yellowish orange; pronotum dull brown, punctures and irregular scattered marks dark castaneous orange and light yellow triangular spot in the center of anterior pronotal lobe; scutellum dark yellow with punctures and lateral margins dark castaneous orange; clavus castaneous orange with anal margin black; exocorium dull brown with four light yellow irregular maculas; endocorium hyaline, castaneous orange, with basal third dark brown; hemelytral membrane hyaline with contrasting dark brown veins; connexival segments II to VI dark castaneous brown with anterior third light yellow, and VII dark castaneous brown with anterior third and posterior margin light yellow; dorsal abdominal segments III to VI light yellow with posterior margin dull brown, and