



## 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