

# CONTRIBUTIONS TO THE KNOWLEDGE OF AUSTRALIAN HEMIPTERA.

No. II.

## A REVISION OF THE SUBFAMILY GRAPHOSOMATINÆ (FAMILY PENTATOMIDÆ).

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(Plates lii-liv, and one Figure.)

The members of the subfamily Graphosomatinae are characterized by the scutellum being frequently as long as the abdomen and so broad as to leave only the basal and outer margins of the corium exposed. Kirkaldy<sup>1</sup> did not regard the group as worthy of subfamily status, and placed it as a tenth tribe of the subfamily Pentatominae, the Graphosomini, and pointed out that it is "Principally characterized by the absent or very short frena, but this does not appear to be restrictive. The large scutellum is no more a character for subfamily separation than it is in *Eysarcoris* or *Discocera*." Schouteden and Distant regarded the group as worthy of subfamily rank, and in this contribution I intend to regard it as such.

I have been permitted to examine the Graphosomatid bugs in the collections of the Queensland, West Australian, and South Australian Museums, the National Museum, Melbourne, and the Macleay Museum, Sydney, through the courtesy of their directors.

Dr. Yngve Sjöstedt of the Naturhistoriska Riksmuseum, Stockholm, has very kindly permitted illustrations to be prepared from three species identified by Stål and from four of that author's types. These drawings have been very skilfully executed by Frau Thérèse Ekblom, while to Miss Joyce K. Allan, of this Museum, I am indebted for the remainder of the illustrations. All the species of Australian Graphosomatid bugs have now been figured, with the exception of *Bolbocoris mimicus* Walker 1867, the type of which is missing from the collection of the National Museum, Melbourne, and in the future the identification of these insects should present but little difficulty to Australian entomologists.

Tribe GRAPHOSOMATARIA *Schouteden*, 1905.

Lateral angles of the pronotum not emarginate or, if they are, the antenniferous tubercles are not or hardly prominent (the head

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<sup>1</sup> Kirkaldy.—Catalogue of the Hemiptera (Heteroptera) I. Cimicidae, p. 34.