

Revision of *Mahea* Distant, 1909, with a review of the Acanthosomatidae (Insecta: Heteroptera) of Madagascar and Seychelles

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Abstract. The genus *Mahea* Distant, 1909 (Heteroptera: Pentatomoidea: Acanthosomatidae: Acanthosomatinae) is revised. *Muschalea* Cachan, 1952, is corroborated as a junior synonym of *Mahea*. Five species are recognized: *Mahea sexualis* Distant, 1909, (Seychelles) and *M. andriai* (Cachan, 1952) (Madagascar) are redescribed based on examination of the type specimens; three additional species – *Mahea distanti* sp. nov., *M. durrelli* sp. nov., and *M. parvula* sp. nov. from Madagascar – are described. The lectotypes of *M. sexualis* and *Noualhieridia rufa* Cachan, 1952, are designated. A key to the known acanthosomatid species of Madagascar and Seychelles is given. Possible phylogenetic relationships among the genera *Mahea*, *Catadipson* Breddin, 1903, *Ibocoris* Roche, 1948, and *Uhlunga* Distant, 1892, are briefly discussed.

Key words. Heteroptera, Pentatomoidea, Acanthosomatidae, *Mahea*, *Muschalea*, *Catadipson*, *Irsmia*, *Ibocoris*, *Noualhieridia*, Madagascar, Seychelles, new species, phylogeny, key

Introduction

The family Acanthosomatidae Signoret, 1863, is one of the least speciose families of the superfamily Pentatomoidea, including about 200 species from all zoogeographical regions of the world (SCHUH & SLATER 1995). The higher classification of the family was established by KUMAR (1974) who recognized 47 genera belonging to 3 subfamilies: the Ditomotarsinae Signoret, 1863 with the tribes Ditomotarsini Signoret, 1863 (9 genera), and Laccophorellini Kumar, 1974 (4 genera), the Blaudusinae Kumar, 1974, with the tribes Blaudusini Kumar, 1974 (10 genera), and Lanopini Kumar, 1974 (12 genera), and the Acanthosomatinae (13 genera). Later, three new Neotropical genera of the Ditomotarsinae were described: *Mazano-**ma* Rolston & Kumar, 1975; *Tolono* Rolston & Kumar, 1975; and *Rolstonus* Froeschner,