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## New synonymies and new records of Afrotropical and Madagascan Pentatominae (Hemiptera: Heteroptera: Pentatomidae)

PETR KMENT<sup>1</sup>, ZDENĚK JINDRA<sup>2</sup> & DAVID A. RIDER<sup>3</sup>

<sup>1</sup>Department of Etymology, National Museum, Cirkusová 1740, CZ-193 00 Praha 9 – Horní Počernice, Czech Republic.

E-mail: sigara@post.cz

<sup>2</sup>Department of Plant Protection, Faculty of Agrobiological Sciences, Food and Natural Resources, Czech University of Agriculture, CZ-165 21 Praha 6-Suchbátka, Czech Republic. E-mail: palomena@seznam.cz

<sup>3</sup>Department of Entomology, North Dakota State University, NDSU Dept. 7650, P. O. Box 6050, Fargo, North Dakota 58108-6050, USA. E-mail: david.rider@ndsu.edu

### Abstract

The following new synonymies within the family Pentatomidae, subfamily Pentatominae, are established: *Aesula* Stål, 1876 = *Pseudacrosternum* Day, 1965, syn. nov. (Nezarini), *Aesula viridissima* (Signoret, 1861) = *Aesula signoretiana* Kirkaldy, 1909, syn. nov. = *Pseudacrosternum cachani* Day, 1965, syn. nov. = *Pseudacrosternum cachani* var. *scutellatum* Day, 1965, syn. nov., and *Andocides vittaticeps* (Stål, 1858) = *Andocides vittaticeps* var. *viridescens* Schumacher, 1913, syn. nov. *Afrania brachyptera* (Schaum, 1853), stat. restit., is restored as the oldest available name for that species, with *Afrania wahlbergi* Stål, 1854, syn. restit., being its junior synonym. Lectotype of *Pentatoma viridissima* Signoret, 1861 is designated, and lectotype designation of *Pseudolerida incerta* (Schouteden, 1909) is commented. The following new or confirmed state records are provided: Cappaeini: *Leridella kenyensis* Jeannel, 1913 (Cameroon), *Paralerida bolivari* (Schouteden, 1904) (Republic of the Congo, Uganda), *P. niokana* Linnavuori, 1982 (Uganda), *Tripanda (Tripanda) dispar* Schouteden, 1964 (Cameroon, Ghana, Liberia), *T. (T.) horacekorum* Kment & Jindra, 2009 (Cameroon, Guinea), *T. (T.) jurickorum* Kment & Jindra, 2009 (Gabon, Ivory Coast), *T. (T.) longiceps* (Villiers, 1967) (Democratic Republic of the Congo, Gabon), *T. (T.) signitenens* (Distant, 1898) (Democratic Republic of the Congo, Mozambique), *T. (Tenerva) decorata* (Jensen-Haarup, 1937) (Kenya, Oman, Tanzania); Carpocorini: *Andocides vittaticeps* (Angola); Diploxyini: *Acoloba lanceolata* (Fabricius, 1803) (Angola, Central African Republic, Zambia, Zimbabwe); Eysarcorini: *Pseudolerida bitalensis* Schouteden, 1958 (Cameroon), *Pseudolerida incerta* (Equatorial Guinea: Bioko Island, Tanzania, Uganda); Myrocheini: *Humria bimaculicollis* Linnavuori, 1975 (Botswana, Democratic Republic of the Congo, Guinea, Kenya, Mozambique, Namibia, South Africa, Zambia, Zimbabwe); Strachiini: *Afrania brachyptera* (Schaum, 1853) (Botswana, Democratic Republic of the Congo; Tanzania: Tanganyika, Zanzibar; Uganda). Variability of *Tripanda jurickorum*, *Pseudolerida incerta* and *Humria bimaculicollis* is discussed.

**Key words:** Pentatomidae, Pentatominae, new synonym, new record, faunistics, variability, Afrotropical Region, Madagascar

### Introduction

After the fruitful careers of Henri Schouteden (1881–1972) and André Villiers (1915–1983) closed, the research on the Pentatomidae of tropical Africa and Madagascar slowed down considerably. In 1970s and 1980s, only Rauno Linnavuori contributed significantly to our knowledge of Afrotropical Pentatominae (e.g., Linnavuori 1973, 1975, 1982, 1986). Besides Linnavuori, only a few other authors addressed Afrotropical fauna at that time, usually as a part of more widely conceived revisions, i.e. Roche (1977, 1979), Ahmad (1994, 1995), and Göllner-Scheiding (1999). Fortunately, the past decade brought a revived interest in the study of Afrotropical Pentatominae, confirmed by a series of recent publications: Ahmad & Zahid (2000, 2004, 2006, 2007, 2009a,b, 2012), Zahid & Ahmad (2001, 2005, 2008, 2011), Kment (2008, 2011, 2012, 2013), Kment & Jindra (2009), Grazia & Schwertner (2008), Ferrari *et al.* (2010), and Arnold (2011). However, those contributions are devoted mainly to taxonomy of

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