

Nomenclatural notes in Scorpiones (Arachnida)

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Abstract

Several previous nomenclatural corrections are analyzed and the valid name determined for each case. These include (a) emendations and subsequent spellings: *Brachistosternus weijenberghi* (Thorell, 1877a) (Bothriuridae), *Urophonius iheringi* Pocock, 1893 (Bothriuridae), *Lisposoma josehermana* Lamoral, 1979 (Bothriuridae), *Chactas raymondhansi* Francke & Boos, 1986 (Chactidae), *Tityus fuhrmanni* Kraepelin, 1912 (Buthidae), *Parabuthus liosoma* (Ehrenberg, 1828) (Buthidae), *Hadrurus concolorous* Stahnke (Luridae), *Vachoniolus minipectenibus* (Levy, Amitai & Shulov, 1973); (b) incorrect reversal of precedence: *Hadogenes hahni* (Peters, 1862) n. comb. (Liochelidae); (c) genus and species names that never were available: *Pucha*, *Puchale*, *Repucha* (Francke, 1985; Fet, 1997), *Transbothriurus* (Mello-Leitão, 1945; Lowe & Fet, 2000), *Scorpio maurus punicus* Fet, 2000 (replacement name for *Scorpio maurus tunetanus* Birula, 1910) (Scorpionidae)

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Introduction

While the rules of nomenclature aim that every animal taxon has only one valid name, zoologists often encounter names with 'variations' in the literature. To find out which is the valid version sometimes requires to enter intricate nomenclatural labyrinths, so it is not strange that mistaken interpretations and uses are sometimes uncritically followed. However, the solution of most seemingly difficult cases can be found in the International Code on Zoological Nomenclature (1999) itself. In the most recent world catalog of scorpions, Fet *et al.* (2000) detected and treated a number of nomenclatural problems, though under the 3rd edition of the Code (1985), no longer in force. Some nomenclatural acts proposed therein need a further correction. In this note we discuss and fix those problematic nomen-