



## ***Paisana*: A new genus of Neotropical Rhyparochromidae (Hemiptera: Heteroptera: Lygaeoidea) to accommodate *Neopamera brachialis* (Stål) and four new species**

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### **Abstract**

A new genus *Paisana* is erected to accommodate *Neopamera brachialis* (Stål), and four new Neotropical species: *Paisana pampeana* from Argentina, *Paisana lydiae* from Brazil, *Paisana maculata* from Argentina and Brazil, and *Paisana saopaulensis* from Brazil. *P. brachialis* (n. comb.) known only from Brazil is redescribed and recorded for the first time from Argentina. Phylogenetic affinities of this new genus are discussed. Dorsal photographs of the species, illustrations of male genitalia, and a key to the species are provided.

**Key words:** Rhyparochromidae, Myodochini, new genus, *Paisana*, new species, Neotropical

### **Introduction**

Although the family Rhyparochromidae is one of the most diverse within the infraorder Pentatomomorpha, this South American family is very poorly known. The Neotropical fauna is the most discordant among the major faunal assemblages, consisting almost entirely of the subfamily Rhyparochrominae, of the tribes Myodochini, Ozophorini, Lethaeini, and Antillocorini, and a few udeocorines, as well as the subfamily Plinthisinae (Slater 1986; see the classification of Henry 1997). Among these, the Myodochini is so far the most diverse Neotropical tribe, with numerous undescribed taxa still in entomological collections.

Harrington (1980) erected the genus *Neopamera* to contain all the species included in the polyphyletic genus *Pachybrachius* Hahn from the New World, most of them Neotropical, and pointed out that she did not find any satisfactory synapomorphies for the genus. In order to clarify the phylogenetic affinities of *Neopamera* species, the author performed a revision and a phylogenetic analysis of this genus (Dellapé 2005a), and the results showed the highly polyphyletic nature of this group. These results have been published partially in a first contribution (Dellapé 2005b) in which *N. procerula* Berg was synonymized with *N. sororcula* Berg and both were transferred to the genus *Paromius* Fieber. Continuing the pursuance of this goal, the author proposes to erect a new genus to contain *Neopamera brachialis* (Stål) and four new Neotropical species.

### **Material and methods**

Abbreviations of repositories are as follows: Museo de La Plata, La Plata, Argentina (MLP); Museo Argentino de Ciencias Naturales, Buenos Aires, Argentina (MACN); Museu de Zoologia da Universidade de São Paulo, São Paulo, Brazil (MZUSP); California Academy of Sciences, California, USA (CAC); Swedish