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A new species of the genus *Pareiorhina* (Teleostei: Siluriformes: Loricariidae) from the upper rio Paraná basin, southeastern Brazil

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Abstract

Pareiorhina pelicicei sp. n., a new Loricariidae, is described from the rio Grande, upper rio Paraná basin, southeastern Brazil. The new species differs from its congeners by combination of the following characters: teeth with a minute lateral cusp; absence of small plates scattered on the thorax and abdomen; tip of the snout naked; lower predorsal length; higher number of premaxillary and dentary teeth.

Key words: Taxonomy, Neotropical fishes, rio Grande basin, Stream fishes, South America

Resumo

Pareiorhina pelicicei sp. n., um novo Loricariidae, é descrita do rio Grande, bacia do alto rio Paraná, sudeste do Brasil. A nova espécie difere de seus congêneres pela combinação dos seguintes caracteres: dentes com uma minúscula cúspide lateral; ausência de pequenas placas espalhadas sobre o tórax e abdômen; ponta do focinho nua; menor comprimento predorsal; maior número de dentes no pré-maxilar e no dentário.

Palavras chaves: Taxonomia, Peixes Neotropicais, bacia do rio Grande, Peixes de riachos, América do Sul

Introduction

Loricariidae is a fish family with over 850 valid species (Eschmeyer & Fong 2014). Within this group, *Pareiorhina* was proposed by Gosline (1947) to allocate *Rhinelepis rudolphi* Miranda Ribeiro, 1911 and remained monotypic up to the description of *P. carrancas* (Bockmann & Ribeiro 2003). After that, several new species have been described from Brazilian watersheds, totaling five valid species: *P. rudolphi* (Miranda Ribeiro, 1911); *P. carrancas* Bockmann & Ribeiro 2003; *P. brachyrhyncha* Chamon, Aranda & Buckup 2005; *P. cepta* Roxo, Silva, Mehanna & Oliveira 2012; and *P. hypotorhachis* Silva, Roxo & Oliveira 2013.

In recent collecting expeditions along the headwaters of the rio Grande basin, upper rio Paraná, southeastern Brazil, we identified an undescribed Neoplecostominae species that, based on the combination of characters proposed by Bockmann & Ribeiro (2003), is best allocated to the genus *Pareiorhina*. This species is formally described herein.

Material and methods

All measurements were carried out from point to point, by using a digital caliper to the nearest 0.1 mm. Counts and measurements were taken on the left side of each specimen under a stereomicroscope. The measurements followed Bockmann & Ribeiro (2003), with modification made by Silva *et al.* (2013). We added the following

Pareiorhina sp. n.: LBP 17393, 32, 23.2–37.1 mm SL, Cristiano Otoni Municipality, Minas Gerais State, rio Paraopeba, rio São Francisco basin. *Pareiorhina* sp. n.: LBP 1097, 1, 30.5 mm SL, Desterro do Melo Municipality, Minas Gerais State, rio Doce basin.

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