



## Four new species of *Hisonotus* (Siluriformes: Loricariidae) from the upper rio Uruguay, southeastern South America, with a review of the genus in the rio Uruguay basin

TIAGO P. CARVALHO<sup>1</sup> & ROBERTO E. REIS<sup>2</sup>

<sup>1</sup>Department of Biology, University of Louisiana at Lafayette, P.O. Box 42451, Lafayette, LA 70504, USA.  
E-mail: tiagobio2002@yahoo.com.br

<sup>2</sup>Laboratório de Sistemática de Vertebrados, Pontifícia Universidade Católica do Rio Grande do Sul, P. O. Box 1429, 90619-900 Porto Alegre, RS, Brazil. E-mail: reis@pucrs.br

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### Abstract

Four new species of *Hisonotus* are described from the upper course of the rio Uruguay basin in Brazil: *Hisonotus iota* from the rio Chapecó drainage; *Hisonotus leucophrys* from rio Rancho Grande and rio Ariranhas; *Hisonotus megaloplax* from the rio Passo Fundo drainage; and *Hisonotus montanus* from the rio Canoas drainage. The species *Epactionotus aky*, described from the arroyo Yabotí-Guazú drainage in Argentina, is transferred to *Hisonotus* and rediagnosed. *Hisonotus candombe* is considered a junior synonym of *H. ringueleti*. The new taxa, together with *H. nigricauda*, *H. ringueleti*, *H. charrua*, and *H. aky* represent the genus *Hisonotus* in the rio Uruguay basin. A taxonomic key for *Hisonotus* in the rio Uruguay basin is provided. Their distributions are discussed under biogeographic patterns previously proposed for the rio Uruguay basin.

**Key words:** Catfishes, Hypoptopomatinae, Neotropical, Taxonomy, Biogeography, Endemism, *Epactionotus*