

Amphibia, Anura, Bufonidae, *Melanophryniscus devincenzii* Klappenbach, 1968: First record for Corrientes Province, Argentina

Juan Boeris¹, Juan Martín Ferro¹, Ernesto Krauczuk² and Diego Baldo^{1,3*}

- 1 Universidad Nacional de Misiones, Facultad de Ciencias Exactas, Químicas y Naturales, Departamento de Genética. Félix de Azara 1552, (3300). Posadas, Misiones, Argentina.
 - 2 Ministerio de Ecología, Recursos Naturales Renovables y Turismo de la Provincia de Misiones. San Lorenzo 1538, (3300). Posadas, Misiones, Argentina.
 - 3 Instituto de Herpetología, Fundación Miguel Lillo – CONICET. Miguel Lillo 251. 4000. San Miguel de Tucumán, Argentina.
- * Corresponding author. E-mail: diegobaldo@gmail.com

ABSTRACT: *Melanophryniscus devincenzii* is known from Misiones (Argentina), Rio Grande do Sul (Brazil), Guairá (Paraguay) and northern Uruguay. Herein, we report the first record for Corrientes Province in Argentina.

The genus *Melanophryniscus* is distributed in southern Bolivia and Brazil, Uruguay, Paraguay, and northern Argentina, and includes 25 species (Frost 2010). *Melanophryniscus devincenzii* Klappenbach, 1968 (Figure 1), occurs in Misiones Province (Argentina), Rio Grande do Sul State (Brazil), Guairá (Paraguay) and northern Uruguay (Klappenbach 1968; Baldo and Krauczuk 1999; Baldo and Basso 2004; Zanella *et al.* 2007; Airaldi *et al.* 2009). Herein, we present the first record of this species for Corrientes Province, Argentina. In the morning of 18 September 2009, we collected 20 specimens of *M. devincenzii* (some amplexant pairs and several calling non amplexant males) in a small stream near Ruta Provincial N° 39 at about 10 km from Ruta Nacional N° 14, Departamento Ituzaingó, Corrientes Province (27°50'15" S, 55°59'12" W). The specimens are stored in the Diego

Baldo Collection, housed at Museo de La Plata (MLP DB), Buenos Aires, Argentina. The voucher numbers are MLP DB 8934–7, 8965–80. Species identification was made by comparison with the type series of *M. devincenzii* plus additional material of it and other related species (see appendix in Baldo and Basso 2004).

The present record extends the known distribution of *Melanophryniscus devincenzii* ca. 35 km southwest from the closest known locality Parque Provincial Fachinal, Misiones Province, (Baldo and Krauczuk 1999; Baldo and Basso 2004). It is located within the Biogeographic Unit Distrito de los Campos, an ecotonal area between the Atlantic Forest and the Humid Chaco ecoregions, characterized by rush communities and savannas that alternate with woodlands and forest patches over a soft hilly area (Giraudo *et al.* 2003).



FIGURE 1. Dorsal (A) and ventral views (B), of *Melanophryniscus devincenzii*, adult male (unvouchered), from Ruta Provincial N° 39 at about 10 km from Ruta Nacional N° 14, Departamento Ituzaingó, Corrientes Province, Argentina. Photo by Juan Martín Ferro.

ACKNOWLEDGMENTS: We thank C. Borteiro for corrections and comments on the manuscript. We thank F. Kolachesky for field work assistance. We are grateful to Comité Ejecutivo de Desarrollo e Innovación Tecnológica (CEDIT) of Misiones Province; to CONICET for Doctoral Scholarship and Grants PIP 1112008010 2422; and acknowledges ANPCyT for Grants (PICT 06-233, 07-2202, and PICT-O 37035).

LITERATURE CITED

- Airaldi, K., D. Baldo and E.O. Lavilla. 2009. Amphibia, Anura, Bufonidae, *Melanophryniscus devincenzii*: First record for Paraguay and geographic distribution map. *Check List* 5(3): 377-379.
- Baldo, D. and N.G. Basso. 2004. A new species of *Melanophryniscus* Gallardo, 1961 (Anura: Bufonidae), with comments on the species of the genus reported for Misiones, northeastern Argentina. *Journal of Herpetology* 38(3): 393-403.
- Baldo, D. and E.R. Krauczuk. 1999. *Melanophryniscus devincenzii* Klappenbach, 1968 (Anura: Bufonidae) primer registro para la República Argentina. *Cuadernos de Herpetología* 13(1-2): 101.
- Frost, D. 2010. *Amphibian Species of the World. Version 5.3*. Electronic Database accessible at: <http://research.amnh.org/herpetology/amphibia/index.php>. American Museum of Natural History, New York, USA. Captured on 30 January 2010.
- Giraudo, A.R., H. Povedano, M.J. Belgrano, E. Krauczuk, U. Pardiñas, A. Miquelarena, D. Ligier, D. Baldo and M. Castelino. 2003. Biodiversity of the Interior Atlantic Forest of Argentina; p. 160-180 In C. Galindo-Leal and I.G. Camara (ed.). *The State of Mata Atlantica*. Washington D.C.: Island Press.
- Klappenbach, M.A. 1968. Notas herpetológicas IV. El género *Melanophryniscus* (Amphibia, Salientia) en el Uruguay, con la descripción de dos nuevas especies. *Comunicaciones Zoológicas del Museo de Historia Natural de Montevideo* 9(118): 1-12.
- Zanella, N., C.S. Busin, A. Giusti, L. Crestani and R.S. Oliveira. 2007. Amphibia, Anura, Bufonidae, *Melanophryniscus devincenzii*: First record for Brazil. *Check List* 3(2): 104.

RECEIVED: June 2010

REVISED: June 2010

ACCEPTED: July 2010

PUBLISHED ONLINE: August 2010

EDITORIAL RESPONSIBILITY: Raúl Maneyro