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A new species of *Amazophrynella* (Anura: Bufonidae) from southern Amazonia

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Abstract

A new species of the genus *Amazophrynella* is described from southern Amazonia, Brazil. The new species is characterized by its medium size for the genus (15.2–19.3 mm SVL in males, 20.2–25.7 mm SVL in females), snout rounded in dorsal view, acute in lateral view, presence of subrostral crest not converging anteriorly, finger I shorter than finger II, and by dorsal and ventral coloration. The reproductive behavior of the new species is similar to other *Amazophrynella* with pigmented and numerous eggs that are probably laid in temporary ponds.

Key Words: Amphibia, Bufonidae, Anura, Amazon

Introduction

The formerly known Neotropical genus *Dendrophryniscus* Jiménez de la Espada, 1871, was until recently consisted of ten small species distributed in Amazonia and the Atlantic forest in Colombia, Ecuador, Peru, Guiana and Brazil (Frost, 2011). Recently, the systematic of *Dendrophryniscus* was studied by Fouquet et al. (2012a, b) based on both molecular and morphological data and they erected the genus *Amazophrynella* to accommodate the Amazonian species. Thus, eight species of *Dendrophryniscus* were recognized, all of them inhabiting the Atlantic Forest domain in southeastern and southern region of Brazil (*D. berthallutzae* Izecksohn, 1994, *D. brevipollivatus* Jiménez de la Espada, 1871, *D. carvalhoi* Izecksohn, 1994, *D. leucomystax* Izecksohn, 1968, *D. oreites* Recoder, Teixeira Jr, Cassimiro, Camacho and Rodrigues, 2010, *D. organensis* Carvalho-e-Silva, Mongin, Izeckson, and Carvalho-e-Silva, 2010, *D. proboscideus* (Boulenger, 1882) and *D. stawiarskyi* Izecksohn, 1994). In Amazonia, two species of *Amazophrynella* were therefore recognized (*A. bokermanni* Izecksohn, 1993, and *A. minuta* Melin, 1941).

Herein, we describe a new species of *Amazophrynella* that inhabits Amazonian forests south of the Amazon River in the states of Mato Grosso, Rondônia and Amazonas, Brazil.

Material and Methods

Specimens examined and used for comparisons are deposited at the Coleção Zoológica de Vertebrados da