



A new species of *Phrynopus* from Departamento Cusco, southern Peru (Anura: Brachycephalidae)

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Abstract

We describe a new species of *Phrynopus* (Anura: Brachycephalidae) from two close localities at the upper limits of cloud forest in the southern Peruvian Departamento Cusco, between 3555–3950 m a.s.l. The new species is characterized by having medium size (maximum snout-vent length 23.4 mm), dentigerous processes of vomers absent, tympanic membrane inconspicuous, dorsal skin coarsely shagreen in life, dorsolateral folds, ventral skin areolate, dorsum tan, venter bold black with conspicuous bluish-gray spots, and a bluish-white iris.

Key words: Andes, Peru, *Phrynopus*, Anura

Introduction

Frogs of the genus *Phrynopus* Peters, 1874 occur along the Andes of Colombia, Ecuador, Peru, and Bolivia, between 1000 and 4400 m a.s.l. (De la Riva 1992; Lehr *et al.* 2005a; Lynch 1975; Lehr 2006). The genus comprises 29 species, with more than half of them described during the last 15 years (see Frost 2007). Nineteen species are known from Peru, many of them described recently (e. g., Duellman 2000; Lehr 2001, 2006; Lehr & Aguilar 2002, 2003; Lehr *et al.* 2000, 2002a, 2002b, 2005b). Nevertheless, many new species remain to be described in Peru and Bolivia. Intensive fieldwork during the last two years along the southern Andes of Peru revealed high species level endemism associated to glacial valleys. Several new species of *Phrynopus* were discovered and one of them is herein described.

Material and methods

Specimens were fixed in 10% formalin and preserved in 70% ethanol. The format for the description follows that of Lynch (1975). Specimens examined are listed in the Appendix. Measurements were taken with a digital caliper to the nearest 0.1 mm. Abbreviations are as follows: SVL (snout-vent length), TL (tibia length), FL (foot length, distance from posterior margin of inner metatarsal tubercle to tip of fourth toe), HL (head length, from posterior margin of jaw to tip of snout), HW (head width, maximum width of head), ED (horizontal eye