



## A new *Pristimantis* (Anura, Strabomantidae) from Yuruaní-tepui, Venezuela

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### Abstract

*Pristimantis yuruanianensis* **sp. nov.** is described from the summit of Yuruaní-tepui, Estado Bolívar, eastern Venezuela. The new species is easily distinguished from other Guianan *Pristimantis* by its rather uniform dorsal coloration, absence of lip, forearm and shank bars, its small tympanum, and its advertisement call. The new species appears to occur on neighboring Kukenán-tepui as well.

**Key words:** Amphibia; Strabomantidae; Systematics, *Pristimantis yuruanianensis* **sp. nov.**, Venezuela

### Introduction

Among all Venezuelan tepuis that have been investigated so far, fewer than half are known to be inhabited by frogs of the genus *Pristimantis* (Fuentes and Barrio-Amorós 2004); these include Yavi (Myers and Donnelly 1996), Tamacuari (Myers and Donnelly 1997), Yutajé (Myers and Donnelly 2001), Auyán-tepui (Myers and Donnelly 2008), Guanay, Corocoro, Aprada-tepui, Terekyurén (Murisipán)-tepui, Yuruaní-tepui (Gorzula and Señaris 1998), Neblina (McDiarmid and Paolillo 1988), Cerro Roraima (MacCulloch *et al.* 2007) and Cerro Guaiquinima (Schlüter and Rödder 2007). Three *Pristimantis* species originating from the Wokomung Massif were recently described from Guyana (Means and Savage 2007).

Heinicke *et al.* (2007) reassigned the brachycephalid frogs into the three genera *Craugastor*, *Eleutherodactylus* and *Pristimantis* based on a genetic study comprising 280 species. Later, La Marca (2007) recognized two new genera of high Andean Venezuelan brachycephalid frogs, *Mucubatrachus* and *Paramophrynella*. More recently, Hedges *et al.* (2008) presented a completely new classification for the frogs formerly comprising the family Brachycephalidae, and *Mucubatrachus* and *Paramophrynella* were treated as synonyms of *Pristimantis*. So, according to this classification, all former Venezuelan *Eleutherodactylus* fall within the genus *Pristimantis*.

In February 1991, Karin and Helmut Mägdefrau had the opportunity to conduct field surveys on Kukenán, Tramen- and Yuruaní-tepui. Results and detailed habitat descriptions have already been published (Mägdefrau 1991; Mägdefrau and Mägdefrau 1994). During the surveys on Yuruaní, they collected several anurans of which one *Pristimantis*, listed by Gorzula and Señaris (1998) and MacCulloch *et al.* (2007) as *Eleutherodactylus* sp., remained unidentified and is described herein.

### Methods

Specimens were collected on Yuruaní-tepui by Karin and Helmut Mägdefrau on 18 February 1991 (Mägdefrau and Mägdefrau 1994). Vouchers were euthanized using Chlorobutanol® (1,1,1-Trichloro-2-methyl-2-pro-