

## A new species of tree frog, genus *Dendropsophus* (Anura: Hylidae), from the Amazon of northern Bolivia

JIŘÍ MORAVEC<sup>1</sup>\*, JAMES APARICIO<sup>2</sup> & JÖRN KÖHLER<sup>3</sup>

<sup>1</sup>Department of Zoology, National Museum, 115 79 Praha 1, Czech Republic.

<sup>2</sup>Museo Nacional de Historia Natural – Colección Boliviana de Fauna, Casilla 8706, La Paz, Bolivia

<sup>3</sup>Department of Natural History, Zoology, Hessisches Landesmuseum Darmstadt, Friedensplatz 1, 64283 Darmstadt, Germany.

\*Corresponding author

### Abstract

We describe a new species of small *Dendropsophus* from lowland Amazonia of the Departamento Pando, northern Bolivia. The new species is mainly characterized by smooth dorsal skin, indistinct tympanic annulus, lack of tarsal folds, yellowish-tan to reddish-brown dorsum with obscure dark brown markings, colouration of loreal-tympanic region and flanks sharply outlined and contrasting against dorsum and yellowish-green to bluish-green vocal sac in life. The advertisement call consists of a series of very short pulsed notes, with note repetition rate being the highest known within the species group. Regarding the morphological similarities of adults, the new species is tentatively grouped with species placed in the *Dendropsophus microcephalus* group.

**Key words:** Amphibia, Anura, Hylidae, *Dendropsophus juliani*, new species, Bolivia

### Introduction

The northern Amazonian parts of Bolivia hold a species-rich amphibian fauna (Ibisch *et al.*, 2003), but have only been barely investigated until recently. Various expeditions in the last years resulted in several new country records as well as in the discovery of new species of frogs (e.g. Köhler and Lötters, 1999; 2001; Moravec and Aparicio, 2000; 2004; 2005; Padial *et al.*, 2004).

The most recent field trip in January 2006 by the senior author to Departamento Pando, northern Bolivia, revealed several species formerly unknown for the area (Moravec and Aparicio, in press), among them an unnamed species of small *Dendropsophus* which we describe herein.