

## A new species of *Probreviceps* (Amphibia: Anura) from the Eastern Arc Mountains, Tanzania

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### Abstract

A new species of *Probreviceps* is described from the Ukaguru Mountains in Tanzania, and is distinguished morphologically by its pointed and ridged snout. The species also differs from other members of the genus in its call and mitochondrial DNA. An updated phylogeny of all known Tanzanian *Probreviceps* species and subspecies is presented, based on 12S and 16S rRNA mitochondrial sequences. An updated key of the species of *Probreviceps* is also given.

**Key words:** Tanzania, amphibians, brevicipitines, *Probreviceps*, new species, Ukaguru Mountains, Eastern Arc Mountains

### Introduction

The montane forest frogs of the genus *Probreviceps* are confined to the Eastern Arc Mountains (EAM) and the highlands in Tanzania and Zimbabwe, the former a biodiversity hotspot (Myers, 2000). *Probreviceps* Parker, 1931 has been divided into three species (*P. macrodactylus* Parker, 1931, *P. rhodesianus* Poynton and Broadley, 1967, and *P. uluguruensis* Barbour and Loveridge, 1928), with *P. macrodactylus* split further into three subspecies (Parker, 1934). *P. rhodesianus* is the only species found distributed outside