



New species of toad, genus *Frostius* Cannatella, 1986, from the Atlantic Rain Forest of Bahia, Brazil (Amphibia, Anura, Bufonidae)

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Abstract

A new species of the previously monotypic bufonid genus *Frostius* is described from Atlantic Rain Forest fragments in the southern region of the State of Bahia, Brazil. The new species is distinguished from *F. pernambucensis* by life colors of body and iris, length and width of digits, development of apical discs, and size and shape of tympanum. New locality records extend the distribution of the genus 105 km to the north (to the State of Paraíba), and 190 km to the south (southern region of the State of Bahia).

Key words: Anura, Bufonidae, *Frostius*, Taxonomy, Atlantic Rain Forest, southern Bahia

Resumo

Uma nova espécie do gênero bufonídeo *Frostius*, anteriormente monotípico, é descrita de fragmentos da Floresta Atlântica da região sul do Estado da Bahia, Brasil. A nova espécie distingue-se de *F. pernambucensis* pela cor do corpo e da íris em vida, comprimento e largura dos dígitos, desenvolvimento dos discos apicais e tamanho e formato do tímpano. O registro de espécies desse gênero em novas localidades amplia sua distribuição em 105 km para o norte (Estado da Paraíba) e 190 km para o sul (sul do Estado da Bahia).

Palavras-chave: Anura, Bufonidae, *Frostius*, Taxonomia, Floresta Atlântica, sul da Bahia

Introduction

The bufonid genus *Frostius* was erected by Cannatella (1986) for the single species originally described as *Atelopus pernambucensis* Bokermann, 1962 from Recife, State of Pernambuco, northeastern Brazil (Bokermann 1962). So far, *Frostius* has been considered a monotypic genus restricted to the Atlantic Rain Forest Domain (sensu Ab'Sáber 1977) in the northeastern States of Pernambuco, Alagoas, and Bahia, Brazil (Peixoto & Freire 1998; Juncá & Freitas 2001).

Recent collections in Atlantic Rain Forest remnants in the southern region of the State of Bahia revealed the occurrence of a new species of *Frostius*, described herein. Accompanying data on habitat and natural history of the new species are also presented. Moreover, we provide a new locality for *F. pernambucensis*, extending its distribution northwards.