



<http://zoobank.org/urn:lsid:zoobank.org:pub:95AA2689-0FED-4D54-8F2A-AEE2E6215E4E>

***Bambuina bambui*: a new genus and species of cave cricket from Brazil (Orthoptera: Grylloidea: Phalangopsidae: Luzarinae)**

FRANCISCO DE A. G. DE MELLO¹, LÍLIA S. HORTA² & MARCIO P. BOLFARINI¹

¹*Departamento de Zoologia, Instituto de Biociências, Universidade Estadual Paulista "Júlio de Mesquita Filho" (UNESP). 18618-000 Botucatu, SP, Brasil. Email: framello@ibb.unesp.br*

²*Grupo Bambuí de Pesquisas Espeleológicas, Avenida Nossa Senhora do Carmo 221, salas 307/308. 30360-740 Belo Horizonte, Minas Gerais, Brasil*

Abstract

Bambuina bambui, a new genus and species of phalangopsid cricket, is described from Gruta do Centenário, a quartzite cave located in Serra do Inficionado (Inficionado Ridge), a subset of mountains belonging to the Serra do Caraça (Caraça Ridge) complex in the State of Minas Gerais, Brazil.

Key words: cave cricket, Grylloidea, Phalangopsidae, Luzarinae, description

Resumo

Bambuina bambui, um novo gênero e espécie de grilo falangopsídeo é descrito a partir de espécimes obtidos na Gruta do Centenário, uma caverna de quartzo localizada na Serra do Inficionado, um subconjunto de montanhas pertencentes ao complexo da Serra do Caraça no estado de Minas Gerais, Brasil.

Palavras-chave: Grilo cavernícola, Grylloidea, Phalangopsidae, Luzarinae, descrição

Introduction

According to Desutter-Grandcolas (1995), the biogeographic region with the highest number of cave-dwelling crickets is the neotropics, especially Central America, where species belonging to six genera are found in caves of the mainland: *Paracophus* Chopard, 1947; *Tohila* Hubbell, 1938; *Longuripes* Desutter-Grandcolas, 1993; *Arachnopsita* Desutter-Grandcolas & Hubbell, 1993; *Mayagrillus* Desutter-Grandcolas & Hubbell, 1993; and *Noctivox* Desutter-Grandcolas & Hubbell, 1993. One genus is found in Cuba: *Cophus Saussure*, 1874. The genus *Amphiacusta* Saussure, 1874, endemic to the Greater and Lesser Antilles also has cave-dwelling representatives (Desutter-Grandcolas & Otte, 1997).

Regarding South America, Desutter-Grandcolas (1995) describes *Anophtalmotes*, with species from Chile and Venezuela, and mentions the following four genera with species collected from caves: *Aclodes* Hebard, 1928; *Endecous* Saussure, 1878; *Dyscophogryllus* (Rehn, 1901)—and *Phalangopsis* Serville, 1831. To these it should be added: *Eidmanacris* Chopard (1956) and *Strinatia* Chopard, 1970. Species of *Palpigera* Hebard, 1928 and *Melanotes* Desutter-Grandcolas, 1993 are also known to spend daytime in smaller soil burrows such as armadillo galleries (Desutter-Grandcolas, 1993; de Mello, personal observation).

Here we describe a new genus and species of phalangopsid cricket belonging to Desutter's (1990) "Group C" of the Luzarinae. The species was found in a quartzite cave named "Gruta do Centenário", located in the surroundings of Mariana and Catas Altas, State of Minas Gerais, Brazil.