

## Two new species of the genus *Orizabus* Fairmaire (Coleoptera: Scarabaeidae: Dynastinae) from southern and central Mexico

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### Abstract

Two new Mexican species, *Orizabus vulcanicus* **sp. nov.** from Iztaccihuatl volcano (Puebla) and *Orizabus dechambrei* **sp. nov.** from the Omilteme mountains (Guerrero), are described. Drawings of the diagnostic structures of the new species and a key to the 14 species now included in the genus are provided.

**Key words:** Coleoptera: Dynastinae, Pentodontini, *Orizabus*, taxonomy, key, Mexico

### Introduction

Twelve species of the genus *Orizabus* Fairmaire are known from the southern United States, Mexico, Guatemala, and Nicaragua, but all the species occur in Mexico (Endrödi 1969, 1985; Morón 1981; Delgado-Castillo and Deloya 1990; Dechambre 1993; Ratcliffe 1994). Curatorial work of the specimens deposited in Mexican collections, as well as recent collection trips in the mountains of the state of Puebla provided specimens of two undescribed species of this genus.

Drawings were made with the aid of a camera lucida and stereomicroscope, and measurements were obtained using an ocular micrometer or caliper. Holotypes and allotypes are deposited in the collection M. A. Morón / Instituto de Ecología, Xalapa (MXAL/ IEXA). Paratypes are deposited in the same collection, the Muséum national d'Histoire naturelle, Paris (MNHN), and the University of Nebraska State Museum (UNSM).