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urn:lsid:zoobank.org:pub:130D4F4E-48F5-4CEF-A235-E34A1F8EAF93

First record of the tribe Eugnomini Lacordaire, 1863 (Coleoptera: Curculionidae) from Fiji with description of *Pactola fiji* sp. n.

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Abstract

Pactola fiji sp. n. is the first species from the tribe Eugnomini described from the Fiji Archipelago. A description, with illustrations and data about the general distribution of the genus, are provided. The genus *Pactola* Pascoe, 1876 now contains eleven species distributed on New Zealand, New Caledonia and Taevuni Island (Fiji Archipelago).

Key words: Coleoptera, Curculionidae, *Pactola*, distribution, new species, Fiji Islands

Introduction

The Fiji Archipelago, located about 2400 km northeast of Australia, consists of two major (Viti Levu and Vanua Levu) and over 300 smaller islands. According to the recently updated checklist of Fiji Coleoptera, 256 species from 94 genera of Curculionidae are known from there. No data on Eugnomini from this area have been published (Evenhuis 2007).

The tribe Eugnomini (comprising 26 genera and about 200 species) is distributed mainly in New Zealand (19 genera), Australia (four genera), Tasmania (one genus) and New Caledonia (three genera). One genus is known from New Guinea and four from South America. One genus, *Rhopalomerus* Blanchard, 1849, is known both from New Zealand and South America (Argentina, Chile) (Alonso-Zarazaga & Lyal 1999).

The genus *Pactola* Pascoe, 1876 (with type species *Pactola variabilis* Pascoe, 1876) was originally treated as endemic to New Zealand. Mountrouzier (1861) had described two species of Eugnomini from New Caledonia in the genus *Macropoda* Montrouzier, 1861 but the generic name was already preoccupied by a darkling beetle genus (Coleoptera: Tenebrionidae) by Solier (1835) (Alonso-Zarazaga & Lyal 1999) and the species were subsequently transferred to *Pactola* as *P. convexa* (Montr.) and *P. setacea* (Montr.). The seven New Zealand species are probably endemic to New Zealand (Macfarlane *et al.* 2011) but *Pactola variabilis* Pasc. has been recorded also from New Caledonia (Cawthra 1966). The three species described from New Caledonia are probably endemic to this island (Map 1).

In this paper I describe and illustrate a new species in this genus representing the first record of *Pactola* from the Fiji Archipelago.

Material and methods

The material used in this study was borrowed from the Natural History Museum, London, UK, abbreviated here as BMNH.

The measurements were taken using a calibrated stereomicroscopic grid eyepiece (C-W10xB/22) and stereomicroscope NIKON SMZ-800. Genitalia preparations were made according to the standard method of macerating the separated abdomen for 5–10 min in a hot KOH solution. The terminalia were stained with