



The *Scirtes* (Coleoptera: Scirtidae: Scirtinae) of Micronesia

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Abstract

Six new species of *Scirtes*, *S. micronesianus* sp. n., *S. tinianensis* sp. n., *S. palauensis* sp. n., *S. gressitti* sp. n., *S. babeldaobensis* sp. n., and *S. albotaeniatus* sp. n., are described from Micronesia. These species are assigned to five species groups.

Key words: Scirtidae, Scirtinae, *Scirtes*, Micronesia

Introduction

The Scirtidae of Micronesia including the Pacific islands have been scarcely studied. A few *Cyphon* species have been described and discussed (Klausnitzer 1976, Yoshitomi & Satō 2004), but the genus *Scirtes* has not been recorded from this area.

Scirtes Illiger, 1807 is distributed throughout the world, and more than 250 species have been described. The genus is divided into five species groups based on the characteristics of male genitalia: the *japonicus* (Nyholm 2002, Yoshitomi 2005), *hemisphaericus* (Yoshitomi 2005), *tsumaguro* (Yoshitomi 2005), *flavoguttatus* (Ruta 2007, Yoshitomi & Ruta in prep.) and the *helmsi* species groups (Watts 2004).

In this paper, six new species of the genus *Scirtes* are described from Micronesia.

Materials and methods

The terminology and general methods of dissection follow those of Yoshitomi (2005), and some male and female genitalia were mounted on separate slides with Canada Balsam.

Abbreviations for measurements used in the present paper are as follows: PL—mesal length of pronotum; PW—maximum width of pronotum; EL—length of elytra at suture; EW—maximum width of elytra; TL—total length (PL plus EL).

The holotypes and the paratypes to be designated in the present paper are deposited in the collection of the Bishop Museum, Honolulu (BPBM), the British Museum, Natural History, London (BMNH), Naturhistorisches Museum, Wien (NMW), the National Science Museum, Tokyo (NSMT), and the Entomological Laboratory, Ehime University, Matsuyama (EUM).

Taxonomy

Key to species of the genus *Scirtes* from Micronesia

- 1. Body length (TL) 1.97–2.51 mm2
- Body length (TL) 2.75–4.58 mm3