



## ***Quwatanabius* Smetana—a new genus in the fauna of the Mainland China (Coleoptera, Staphylinidae), with description of two new species**

JIAYAO HU, LIZHEN LI & MEIJUN ZHAO

*Department of Biology, Shanghai Normal University, Shanghai, 100 Guilin Road, Shanghai, 200234 P. R. China.*

*E-mail: hujiayaonazeris@gmail.com*

The genus *Quwatanabius* was established by Smetana (2002) to hold two species that were previously assigned to *Quediis* Stephens: the type species *Quwatanabius flavicornis* (Sharp, 1889) recorded from Japan and Taiwan, and *Qu. chiaw* (Smetana, 1995) from Taiwan. The genus may be distinguished from other genera of Quediina by the elongate apical segments of both maxillary and labial palpi that are as long as the two preceding segments combined. To date, no species of *Quwatanabius* has been recorded from the mainland China. During our recent collecting trips, two new species of the genus were found in Guangdong and Zhejiang Provinces. The purpose of this paper is to describe and illustrate these two new species, and to provide an identification key to all four currently known species of *Quwatanabius*.

### **Material and methods**

Body parts were measured in the following manner:

Body length (BL): from the anterior margin of labrum to the apex of abdomen;

Forebody length (FL): from the anterior margin of labrum to the apex of elytra along midline;

Head length (HL): from the apical margin of head capsule to its posterior margin;

Head width (HW): maximal width of head across eyes;

Eye length (EyL): longitudinal length of eye in dorsal view;

Tempora length (TL): length of tempora in dorsal view;

Pronotum length (PL): from the front margin of pronotum to its posterior margin along the imaginary median line;

Pronotum width (PW): across its widest part;

Elytral width (EW): across the widest part of elytra.

Elytral length at suture (ELs): from the apex of scutellum to the apex of suture;

Elytral length at lateral margins (ELm): from the humeral angle to the elytral apex.

Holotypes and one paratype of the new species are deposited in the Insect Collection of Shanghai Normal University, Shanghai, P. R. China (SNUC). Another paratype is deposited in the collection of Dr. Aleš Smetana (Ottawa, Canada) (ASC).

### **Taxonomy**

#### ***Quwatanabius yanbini* sp. nov.**

(Figs. 1–8)

**Type material. Holotype:** male (SNUC), China: Guangdong Prov., Shaoguan City, Nanling N. R., 17-VIII-2010, Lizhen LI leg. **Paratypes:** 2 females (SNUC, ASC), same data as in holotype.

**Description.** BL 4.9–5.8 mm; FL 2.3–2.8 mm.

Body (Fig. 1) dark brown; mouthparts and appendages brown; front margin of pronotum and apical margin of each abdominal tergite reddish brown.