



Redescription of *Tyrus* Aubé and *T. sinensis* Raffray (Coleoptera: Staphylinidae: Pselaphinae), and two new species from Sichuan, Southwest China

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Abstract

The genus *Tyrus* Aubé is redescribed with major diagnostic features illustrated. The first male specimen of *T. sinensis* Raffray (Type locality: Yunnan, China) is reported from Xizang, China, and two new species, *Tyrus sichuanicus* Yin & Nomura, **sp. n.** and *Tyrus yajiangensis* Yin & Li, **sp. n.**, are described from Sichuan, China. All treated species are (re-)described, illustrated and distinguished.

Key words: Staphylinidae, Pselaphinae, *Tyrus*, new species, myrmecophilous, *Formica*, China

Introduction

The genus *Tyrus* Aubé presently contains fourteen species and one subspecies scattered in the Holarctic and Oriental regions (Hlaváč & Chandler 2005). Only one species *Tyrus sinensis* Raffray has been known from China (Yunnan). In this paper we redescribe *Tyrus* and *T. sinensis*, add two new species *T. sichuanicus* **sp. n.** and *T. yajiangensis* **sp. n.** from Sichuan, and provide a key to the Chinese species.

Material and methods

The material referred to in this study is housed in the following public and private collections:

SNUC	Insect Collection of Shanghai Normal University, Shanghai, China (Z.-W. Yin)
NSMT	National Museum of Nature and Science, Tokyo, Japan (S. Nomura)
pcMS	private collection of Michael Schülke, Berlin, German
pcPH	private collection of Peter Hlaváč, Košice, Slovakia

The collection data of the referred material are quoted verbatim. A slash (/) is used to separate lines on the same label, and a double slash (//) is used to separate different labels. Authors' notes are included in '[]'. Type material bears the following type label: 'HOLOTYPE [red] or PARATYPE [yellow] / [genus name, species name] / sp. n., [authors of the species] / det. 2013. Depository is indicated after the collection data of respective species.

The terminological terms applied here follow Chandler (2001), except we use 'ventrite' instead of 'sternite' when discussing the meso- and metathoracic structures.

The following acronyms are applied in the text: AL—length of the abdomen along the midline; AW—maximum width of the abdomen; BL—length of the body (= HL + PL + EL + AL); EL—length of the elytra along the sutural line; EW—maximum width of the elytra; HL—length of the head from the anterior clypeal