



New species and additional records of *Tetrabothis* Bernhauer from China (Coleoptera, Staphylinidae, Aleocharinae)

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Abstract

Material of the lomechusine genus *Tetrabothis* Bernhauer, 1915 from China was studied. A new species is described and illustrated under the name *T. xizangensis* Z.-Q. Yan and L.-Z. Li, **sp. nov.** (Xizang). *Tetrabothis japonicus* is reported in China for the first time, and the new locality for *T. puetzi* and *T. inflexus* are given. All Chinese species are mapped, and an identification key is provided.

Key words: Aleocharinae, Lomechusini, *Tetrabothis*, new species, new record, China

Introduction

The lomechusine genus *Tetrabothis* Bernhauer currently contains 28 species (Hlaváč et al. 2011, Pace 2012, Pace 2013, Assing 2015) in the Eastern Palaearctic, Oriental, and Australian regions, and with nine of them recorded in China: *T. brevalatus* Assing, *T. inflexus* Assing and *T. puetzi* Assing from Yunnan, *T. cavus* Assing and *T. chinensis* Pace from Shaanxi and Yunnan, *T. rubricollis* Assing from northern Sichuan, *T. rougemonti* Pace from Hong Kong, and *T. taiwanensis* Pace and *T. semiaperus* Pace from Taiwan.

In the present paper, we describe a new *Tetrabothis* species from Xizang, China, provide newly record of *T. japonicus* in China, and provide additional distributional record for *T. puetzi* and *T. inflexus*. All Chinese species are keyed and mapped.

Material and methods

All material treated in the present study is deposited in the Insect Collection of the Shanghai Normal University, Shanghai, China (SNUC).

The following abbreviations are applied in the text: BL—body length, from the anterior margin of the head to the posterior margin of the abdominal tergite VIII; FBL—forebody length, from the clypeal anterior margin to the posterior margin of elytra; PL—length of the pronotum along the midline; HW—width of the head across the eyes; PW—maximum width of the pronotum; EL—length of elytra from the apex of the scutellum to the elytral posterior margin; EW—maximum width of the elytra. SL—length of elytral sutures.

Taxonomy

Tetrabothis xizangensis Z.-Q. Yan and L.-Z. Li, new species

(Fig. 1)