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New species and additional records of *Amaurodera* Fauvel in southern China (Coleoptera, Staphylinidae, Aleocharinae)

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Abstract

Material of the lomechusine genus *Amaurodera* Fauvel from southern China is studied. In total, four species are recognized, among which one is described here as new: *Amaurodera darenae* sp. nov., and new records for three previously described are provided. All of these species are illustrated.

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

Introduction

According to the world catalogue of Lomechusini (Hlaváč *et al.* 2011), the genus *Amaurodera* currently contains 38 species from the eastern Palaearctic and Oriental regions, among which three species, *A. yaona* Pace, *A. yunnanensis* Pace, and *A. schuelkei* Assing, are known from China (Pace 1998a, 1998b; Assing 2003, 2005, 2006, 2009). Examination of recently collected material of *Amaurodera* in southern China revealed a new species in Guangxi, where no *Amaurodera* species has been reported before, and new locality data for *A. schuelkei* Assing and *A. yunnanensis* Pace in Yunnan, and *A. smetanai* Pace in Hainan.

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.

Species treatment

Amaurodera darenae Yan and Li, new species

Figs 1A, 3

Type material. Holotype: China: ♂, labeled ‘CHINA: Guangxi Province, Guilin City, Xing’ an Hsien, Mt. Maoershan, Gaozhai Vill (高寨村), alt. 500–600 m, 25°52’40.43N, 110°28’17.17E, 25-VII-2012, Song & Hu leg. / HOLOTYPE [red], *Amaurodera darenae* sp. n., Yan & Li det. 2015, (SNUC)’. **Paratypes: China:** 15 ♂♂, 4 ♀♀,

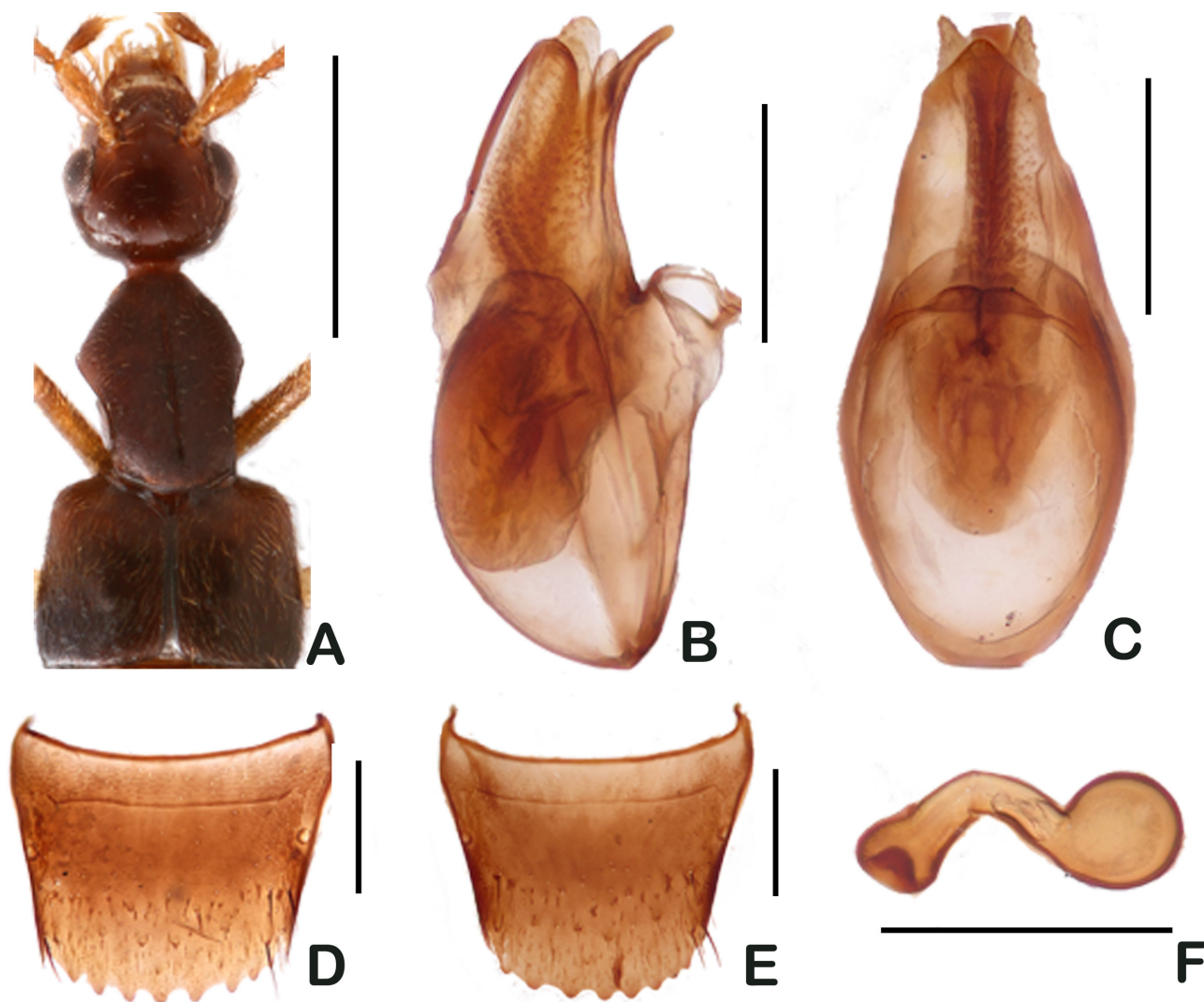


FIGURE 6. *Amaurodera smetanai*. **A** male forebody **B** median lobe of aedeagus, in lateral view **C** median lobe of aedeagus, in ventral view **D** male tergite VIII **E** female tergite VIII **F** spermatheca Scales (mm): A = 1.0; B, D, E, F = 0.2.

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