



A new species of *Lasinus* Sharp (Coleoptera: Staphylinidae: Pselaphinae) from East China

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Abstract

Lasinus orientalis Yin & Bekchiev, **new species**, is described from the eastern Chinese provinces of Zhejiang and Jiangxi, with major diagnostic features illustrated. The new species is compared with, and distinguished from related congeners.

Key words: Staphylinidae, Pselaphinae, taxonomy, *Lasinus*, new species, China

Introduction

The Oriental genus *Lasinus* Sharp was recently revised (Bekchiev *et al.* 2013) with 11 species distributed in Russia, Japan, China, and Vietnam. Only one species, *L. sinicus* Bekchiev, Hlaváč & Nomura, is known from China, distributed from south to northwestern parts of the country. Recent collecting efforts in East China and an examination of our collections brought an additional species of *Lasinus*. The purpose of this study is the description of a new species with illustrations, and its comparison with related congeners.

Material and methods

Type material is housed in the Insect Collection of Shanghai Normal University, Shanghai, China (SNUC).

The collection data of the material are quoted verbatim. A slash (/) is used to separate different labels. Measurements are in millimeters. The following abbreviations are applied: **AL**—length of the abdomen along the midline; **AW**—maximum width of the abdomen; **EL**—length of the elytra along the sutural line; **EW**—maximum width of the elytra; **HL**—length of the head from the anterior clypeal margin to the occipital constriction; **HW**—width of the head across eyes; **PL**—length of the pronotum along the midline; **PW**—maximum width of the pronotum. Length of the body is a combination of HL + PL + EL + AL.

Taxonomy

Lasinus orientalis Yin and Bekchiev, new species

Figs 1–2

Type material (3 ♂♂, 3 ♀♀). **Holotype:** CHINA: ♂, labeled ‘China: S. Zhejiang, Lishui City, Fengyang Shan N.R., forest nr. Lv’ye Hotel, 27°53’59”N, 119°09’41”E, coniferous & bamboo litter, sifted, 1,700 m, 8.x. 2013, Z. Peng, Y.-M. Yu, Z.-W. Yin leg. / HOLOTYPE [red] ♂, *Lasinus orientalis* sp. n., des. Yin & Bekchiev, 2013, SNUC’. **Paratypes:** CHINA: 1 ♀, same label data as holotype; 1 ♀, same locality, except ‘forest nr. Datianping, 27°54’33”–55’18” N,

the left branch in the population of Longwang Shan (Zhejiang), and is of the same length as the left branch in the population of Sanqing Shan (Jiangxi).

Comparative notes. The new species shares the unmodified male antennal clubs with *L. sinicus* Bekchiev, Hlaváč & Nomura, *L. inexpectatus* Bekchiev, Hlaváč & Nomura, and *L. yamamotoi* Bekchiev, Hlaváč & Nomura. From all these species *L. sinicus* can be best separated by the male aedeagal structure and the distribution. The only Chinese congener, *L. sinicus*, has the aedeagal endophallus with a large, deeply bifid sclerite, and a weakly-sclerotized lamella with dentation at left margin. *Lasinus orientalis* has the endophallus lacking such a lamella, but has a broad, apically-split dorsal sclerite, and a slender, curved ventral sclerite.

Distribution. East China: Zhejiang, Jiangxi.

Etymology. The species epithet '*orientalis*' means 'Eastern, easterly', indicating that the new species was discovered in eastern China.

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References

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