



New species of the genus *Lathrobium* Gravenhorst (Coleoptera: Staphylinidae: Paederinae) from Guangxi, South China

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Abstract

Six species of the genus *Lathrobium* Gravenhorst, 1802 from Guangxi, South China are described: *L. dayaoshanense* sp. n., *L. maoershanense* sp. n., *L. proprium* sp. n., *L. shengtangshanense* sp. n., *L. zhangdinghengi* sp. n. and *L. zhujianqingi* sp. n. Illustrations of major diagnostic features and a key to the species from Guangxi are provided.

Key words: Coleoptera, Staphylinidae, *Lathrobium*, new species, key, Guangxi, China

Introduction

Up to today, one species, *Lathrobium miaoershanum* Watanabe, 2011, has been known from Guangxi Province. In the neighbouring provinces, 17 species have been recorded from the Yunnan Province: *Lathrobium yunnanum* Watanabe, 1994, *Lathrobium daliense* Watanabe, 1994, *Lathrobium naxii* Watanabe, 1996, *Lathrobium zhang* Watanabe, 1997, *Lathrobium yinae* Watanabe, 1997, *Lathrobium lijiangense* Watanabe, 1997, *Lathrobium jizushanense* Watanabe, 1997, *Lathrobium dabeianense* Watanabe, 1997, *Lathrobium ailaoshanense* Watanabe, 1997, *Lathrobium aokii* Watanabe, 2000, *Lathrobium shuheii* Watanabe, 2000, *Lathrobium ishiiianum* Watanabe, 2000, *Lathrobium itohi* Watanabe, 2000, *Lathrobium baizuorum* Watanabe, 2000, *Lathrobium xiei* Watanabe, 2000, *Lathrobium baihualingense* Watanabe, 2000 and *Lathrobium sinense* Bernhauer, 1938; 1 species from Guizhou Province: *Lathrobium guizhouensis* Chen, 2005, and 2 species from Hunan Province: *Lathrobium kishimotoi* Watanabe, 2011, and *Lathrobium hunanense* Watanabe, 2011.

In 2011, we surveyed the staphylinid fauna of several nature reserves in Guangxi Province (Maoershan, 25°51'N, 110°25'E; Huaping, 25°36'N, 109°55'E; Shengtangshan, 23°58'N, 110°05'E; and Dayaoshan, 24°08'N, 110°10'E), and collected numerous *Lathrobium* specimens. Six species, all of them new, are described in this paper.

Material and methods

The following abbreviations are used in the text, with all measurements in millimeters:

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

Head length (HL): length of the head from the anterior margin of clypeus to base of head.

Head width (HW): maximum width of the head.

Pronotum length (PL): length of the pronotum along the midline.

Pronotum width (PW): maximum width of the pronotum.

Elytra length (EL): length of the elytra from the apex of the scutellum to the apex of the elytra.

The type materials is deposited in the Insect Collection of Shanghai Normal University (SNUC).