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## A new species of the genus *Oxyporus* Fabricius (Coleoptera: Staphylinidae: Oxyporinae) in Yunnan, China

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### Abstract

*Oxyporus* (*Oxyporus*) *kunmingius* sp. nov. is described from Yunnan, China. Color images of the habitus and aedeagus of the new species are included. A key to the genus *Oxyporus* of Yunnan species is provided.

**Key words:** Staphylinidae, Oxyporinae, *Oxyporus*, new species, Yunnan, China

### Introduction

The genus *Oxyporus* Fabricius was established by Fabricius in 1775 with *Staphylinus rufus* Linné as the type species. Before this study, 125 species of the genus were known worldwide in the Palearctic, Oriental, Nearctic and Neotropical Regions (Herman, 2001). In the subgenus *Oxyporus*, 42 species were hitherto known to occur in China (Bernhauer, 1933, 1938, 1943; Alekandrov, 1933, 1934; Adachi, 1939; Hayashi, 1975, 1985; Zheng, 1992, 1997, 2010, 2011; Li, 1992, 1993; Huang et al, 2005, 2006; Li et al, 2011), with 35 recorded from Mainland China and 7 from Taiwan. However, only 8 species have been reported from Yunnan, China. During this study on the *Oxyporus* of Yunnan, we found that our specimens represent a new species. Herein, we describe *Oxyporus* (*Oxyporus*) *kunmingius* sp. nov. and provide color images of the habitus and aedeagus.

### Materials and methods

In summer of 2014, the first author made a collecting trip to Kunming city, Eastern Yunnan, where one new species of the genus *Oxyporus* was captured from fungi in the forest. To examine the male genitalia, the last three abdominal segments were detached from the body after softening the beetles in hot water. Sternites and aedeagus were mounted in glycerine on plastic slides. Photos of habitus, sternites and aedeagus were taken using a OLYMPOUS SZX16 microscope. The examined specimens were collected in the suburbs of Kunming city and are deposited in Yunnan Forestry Technological College, Yunnan. The holotype of the new species is deposited in Yunnan Forestry Technological College (YFTC).

The following abbreviations of body measurements, in millimeters, were used:

**BL:** body length, measured from the anterior margin of the clypeus to the posterior margin of 10<sup>th</sup> abdominal tergite

**HL:** head length (from the anterior margin of the clypeus to hind margin)

**HW:** width of head including eyes

**TL:** length of temple (maximal)

**AL:** length of antennae (along medial line)

**LW:** width of labial palpi (straight-line distance from left to right)

-	Abdomen without black longitudinal fasciae	5
5	Abdominal tergites 3–4 or 3–5 yellow to reddish yellow; known from Dali	<i>O. riparius</i> Zheng
-	Abdominal tergites 3–4 or 3–5 black	6
6	Elytra with black area in basal part of suture; pronotal disc bearing 2 vague longitudinal depressions in middle just behind the transverse depression; known from Lijiang	<i>O. transversesulcatus</i> Bernhauer
-	Elytra without black area in basal part of suture, pronotal disc bearing 3 vague longitudinal depressions in middle just behind the transverse depression; known from Kunming	<i>O. kunmingius</i> sp. nov. Li
7	Abdominal segments 3–5 black; known from Lijiang	<i>O. yulong</i> Zheng
-	Abdominal segments 3–5 brownish yellow to reddish yellow	8
8	Posterior portion of gula and metasternum brownish yellow; known from Puer	<i>O. lii</i> Zheng
-	Posterior portion of gula and metasternum reddish yellow; known from Puer	<i>O. puerius</i> Li

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