



## Redescription of *Oedichirus flammeus* Koch, and description of two new *Oedichirus* species from China (Coleoptera, Staphylinidae, Paederinae, Pinophilini)

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### Abstract

*Oedichirus flammeus* Koch, 1939 (Zhejiang, East China), *O. damingensis* sp. n. (Guangxi, South China), and *O. pengzhongii* sp. n. (Hainan, South China) are (re-)described and illustrated. The genus is now represented in China by eight described species, six of them are micropterous. The latest key to the *Oedichirus* species of China is modified to include the new species.

**Key words:** Staphylinidae, Procirrina, taxonomy, new species, *Oedichirus*, micropterous, China

### Introduction

The speciose paederine genus *Oedichirus* Erichson, 1839 currently includes approximately 320 species worldwide (Herman 2013). The genus is represented in the Palaearctic and Oriental regions by 30 species (Assing 2013, Herman 2010, Smetana 2004), six of which are known from China: *O. flammeus* Koch, 1939 from Zhejiang, *O. kuroshio* Hayashi, 1989 from Taiwan, *O. lewisius* Sharp, 1874 from Shanghai and Guangxi, and *O. sp.1*, *O. sp.2* and *O. sp.3* from Yunnan which are in press by Assing (Assing in press, Koch 1939, Hayashi 1989, Li *et al.* 2010, Smetana 2004).

In the present paper, the holotype of *O. flammeus* and additional material collected during recent field trips and including two new species are revised.

### Material and methods

The specimens treated in this study are deposited in the following public collections: Naturhistorisches Museum Basel, Switzerland (NHMB); the Insect Collection of Shanghai Normal University, Shanghai, P. R. China (SNUC).

Type labels are cited in their original spelling. A slash (/) is used to separate different labels.

Morphological studies were carried out using an Olympus SZX 16 stereoscope. A digital camera Canon EOS 7D with MP-E 65 mm Macro Photo Lens was used for the habitus photos. An Olympus CX31 microscope and a Canon G9 digital camera were used for photographs of dissected structures.

The measurements of various body parts are abbreviated as follows: **BL**—body length from the anterior margin of the mandibles (in resting position) to the abdominal apex; **FL**—length of the fore body from the anterior margin of the mandibles to the posterior margin of the elytra; **HL**—head length from the anterior margin of the frons to the posterior margin of the head; **HW**—head width across eyes; **PL**—length of pronotum; **PW**—width of pronotum; **EL**—elytral length at the suture from the apex of the scutellum to the posterior margin of the elytra; **EW**—combined width of elytra.

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