



Correspondence

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A New Species of *Oocylus* Sharp From Southeastern China (Coleoptera: Hydrophilidae)

FENGLONG JIA^{1,3} & JASON F. MATÉ²

¹ Institute of Entomology, Life Science School, Sun Yat-sen University, Guangzhou, 510275, Guangdong, China.

Email: fenglongjia@yahoo.com.cn

² I Henares 16, Velilla de San Antonio, Madrid 28891 SPAIN, E-mail: jfmate@gmail.com

³ Corresponding author

Introduction

Oocylus Sharp is a moderately large genus of water scavenger beetles (Coleoptera: Hydrophilidae) with 50 valid species described from the Oriental and Neotropical Regions. Most occur in waterfalls and other hygropetric environments (Short & Fikáček 2011, Short & Jia 2011). Currently, six species have been reported from China (Hebauer & Wang 1998, Short & Jia 2011) of which *O. bhutanicus* Sâto was doubtful (Short & Swanson 2005).

In 2011, the senior author collected a large series of specimens of *Oocylus* from Danxiashan Mount; another eight specimens were collected by Kubecek & Yun Li from Dadongshan Mount. Both mountains are in the Nanling Ranges in Guangdong Province. Another male was collected from Wutongshan Mount, Shenzhen, near Hong Kong. In addition, the second author collected twenty-five specimens from Hong Kong. After carefully examination, it was determined that the specimens could not be assigned to any known species of the genus. We also provide a new record of *O. sumatrensis* d'Orchymont from Hainan Island, China. The species is here described as new and the corresponding key to the *Oocylus* of mainland southeast Asia is modified accordingly.

Materials & Methods

Specimens were examined using a Nikon MSZ800 binocular microscope. Genitalia were dissected out, cleared in cold 10% KOH, and stored in a microvial containing glycerin pinned beneath the specimen. Photographs were taken using a Zeiss Axioskop 40 compound microscope. Morphological terminology follows Short & Perkins (2005) and Short & Jia (2011). Specimens are deposited in the collection of the Natural History Museum, London (BMNH), Beijing Academy of Sciences (BASC), The University of Kansas Biodiversity Institute (SEMC), Sun Yat-sen University (SYSU), and the private collections of Jason F. Maté (JFMC) and Paul Aston (PAC).

Oocylus shorti sp. n.

(Figs. 1–5)

Type material. Holotype ♂: CHINA: Guangdong Province: Dadongshan, 24°55'68"N, 112°42'41"E, 28.v.2011, Kubecek & Yun Li lgt. (SYSU). Paratypes (81 exs.): CHINA: Guangdong Province: same data as holotype (7 exs., SYSU). Danxiashan, Zhanglao peak, 10.vi.2011, leg. F. L. Jia [original label in Chinese]. (2 exs., SYSU). Danxiashan, Jinshiyuan, wet rock, 11.vi.2011. leg. F.L. Jia [original label in Chinese] (37 exs., SYSU, SEMC); Danxiashan, Zhanglao peak, with dense algae and duckweeds, 4.xi.2010, leg. F.L. Jia [original label in Chinese] (9 exs., SYSU); Shenzhen, Wutongshan, Hengpailing, 15.v.2011, leg. F.L. Jia & Junlei Liao (1 male, SYSU). **Hong Kong SAR:** Hong Kong Island, Tai Tam Reservoir, intersection Tai Tam Rd and Mt Parker Rd, 21.xii.2009, rock seep, leg. J.F. Maté (5 exs., JFMC); Hong Kong Island, Jardine's Lookout, 26.iv.2001, leg. J.F. Maté (2 exs.); 1.v.2001 (2 exs.); Hong Kong Island, 22°16.42'N, 114°11.71'E, 3.iii.2000, Hygropetric seep, leg. J.F. Maté (1 ex.); Hong Kong Island, 22°30.36'N 114°14.16'E, 18.xii.2007, Hygropetric seep, leg. J.F. Maté (1 ex.); New Territories; Tai Mo Shan C.P. Seep 500m due