



<http://dx.doi.org/10.11646/zootaxa.4057.1.2>

<http://zoobank.org/urn:lsid:zoobank.org:pub:42854A6F-F5EC-4248-98DC-2DA8FF2BB2BC>

## A new genus and three new species of tribe Oxycerini (Diptera: Stratiomyidae) from Oriental region

ZAI-HUA YANG<sup>1,3</sup>, RUDOLF ROZKOŠNÝ<sup>2</sup> & MAO-FA YANG<sup>1,4</sup>

<sup>1</sup>Institute of Entomology, Guizhou University, Guiyang 550025, P. R. China. E-mail: yangzaihua008@126.com

<sup>2</sup>Department of Botany and Zoology, Faculty of Science, Masaryk University, Kotlářská 2, 611 37 Brno, Czech Republic. E-mail: rozk@sci.muni.cz

<sup>3</sup>Guizhou Academy of Forestry, Guiyang 550005, P.R. China

<sup>4</sup>Corresponding author. E-mail: gdgdly@126.com

### Abstract

*Oxyceroides* **gen. nov.**, including three new species, *O. gracilis* **sp. nov.**, *O. sinica* **sp. nov.** and *O. tangi* **sp. nov.** from South China in the Oriental region are described and illustrated. Related genera from other biogeographical realms are briefly discussed. Identification keys to the known Oriental Oxycerini and to the three new species of *Oxyceroides* are given.

**Key words:** Stratiomyidae, *Oxyceroides* **gen. nov.**, *O. gracilis* **sp. nov.**, *O. sinica* **sp. nov.**, *O. tangi* **sp. nov.**, China, Oriental region

### Introduction

The tribe Oxycerini belongs to the Stratiomyinae as the large subfamily of the Stratiomyidae. According to the world catalogues of the family (Woodley 2001, 2011) 46 genera and 645 species of Stratiomyinae are known in the world, and 9 genera and 52 species are recorded from the Oriental Region. In addition to the taxa included in the Woodley's World Catalog, 4 genera and 18 species of Oriental Stratiomyinae have been described (Wang *et al.* 2007; Yang *et al.* 2008, 2009, 2012; Li *et al.* 2009; Zhang *et al.* 2009, 2010; Rozkošný & Woodley 2010; Wang *et al.* 2010 and Yang *et al.* 2014).

A modern monograph of the Oriental Stratiomyinae is still missing. Rozkošný & Woodley (2010) published a key to the Oriental genera of Stratiomyinae (incl. Raphiocerinae), where they proposed *Cyrtopus* Bigot, 1983 and *Scapanocnema* Enderlein, 1914 as synonyms of *Odontomyia* Meigen, 1803 and *Timorimyia* Frey, 1934 as a synonym of *Acathasargus* White, 1914. The Oriental fauna includes, thus, 11 genera of Stratiomyinae but most of them needing a basic revision.

A newly genus *Oxyceroides* belonging to the tribe Oxycerini is proposed, regarding its long antennae with six flageromeres, lack of crossvein bm-cu and a pair of scutellar spines. In addition to the large genus *Oxycera* Meigen, 1803 and a recently described *Oxycerina* Rozkošný & Woodley, 2010, *Oxyceroides* **gen. nov.** represents the third known genus in the Oriental Oxycerini. Whereas *Oxycera* is characterised by the mostly short antennae with a long subapical arista and *Oxycerina* by conspicuous stiff setae on all flagellomeres, *Oxyceroides* has a long and simple (probably plesiomorphic) cylindrical flagellum with usual short fine setae.

### Material and methods

Descriptions are based on 74 type specimens, all collected in South China in the Oriental Region, and deposited in the Institute of Entomology, Guizhou University, Guiyang, Guizhou Province, P. R. China (GUGC) and the Guizhou Academy of Forestry, Guiyang, Guizhou Province, P.R. China (GAFC).