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## The genus *Yemmalysus* Štusák (Hemiptera: Heteroptera: Berytidae) from China

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### Abstract

Species of the genus *Yemmalysus* Štusák, 1972 from China are treated in this paper: *Y. parallelus* Štusák, 1972 and *Y. brevispinus* Cai, Ye & Bu, **sp. nov.** Scanning electron micrographs of the head, thorax, external scent efferent system and scutellar spine, illustrations of the male genital capsules and parameres of the two species, and a key to the species of this genus are provided to assist in identification. Type specimens of *Y. brevispinus* **sp. nov.** are deposited in Institute of Entomology, College of Life Sciences, Nankai University, Tianjin, China.

**Key words:** Hemiptera, Lygaeoidea, Berytidae, *Yemmalysus*, new species, China

### Introduction

The Oriental genus *Yemmalysus* was established by Štusák (1972), which was comprised of three species prior to this study: *Y. parallelus* Štusák, 1972 from South China, *Y. procerus* Štusák, 1977 from Sri Lanka, and *Y. nigricephalus* Štusák, 1989 from Nepal. *Yemmalysus* Štusák shares the apically spined ostiolar spout with the New World genus *Jalysus* Stål. It differs from *Jalysus* in having the very long second rostral segment, which is similar to the genera *Pneustocerus* Horváth and *Yemma* Horváth (Henry, 1997a).

In this paper, two species of the genus *Yemmalysus* from China are treated: *Y. parallelus* Štusák, 1972 and *Y. brevispinus* Cai, Ye & Bu **sp. nov.** Scanning electron micrographs of the head, thorax, external scent efferent system and scutellar spines, illustrations of male genital capsules and parameres of the two species, and a key to species of this genus are provided to assist in identification.

### Material and methods

Scanning electron micrographs were acquired using a scanning electron microscope (FEI Quanta 200) operated at 20 KV. The genitalic dissections followed the methods and techniques outlined by Ashlock (1957). Morphological terminology follows Henry (1997b), and terminology of thoracic scent efferent system follows Kment & Vilímová (2010).

Specimens examined in this study are deposited in Institute of Entomology, College of Life Sciences, Nankai University, Tianjin, China.

### Notes on the known species

#### *Yemmalysus parallelus* Štusák, 1972

(Figs. 1A–F; 3A, C)

*Yemmalysus parallelus* Štusák, 1972: 374; Štusák, 1977: 81; Hsiao *et al.*, 1977: 286; Štusák, 1989: 118; Henry & Froeschner, 1998: 43; Bu, Ren & Li, 2002: 238; Péricart, 2011: 241.

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