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## A new species of the *Stenus cephalotes* group (Coleoptera, Staphylinidae) from Guangxi, South China

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### Abstract

A new species of the *Stenus cephalotes* group, *S. mawenliae* sp. n. from Guangxi, South China, is described and illustrated. The latest key to Chinese species of the group is modified to include the new species.

**Key words:** Steninae, *Stenus cephalotes* group, taxonomy, new species, Asia

### Introduction

The *Stenus cephalotes* group currently holds 82 species, 76 of them are from Japan (Naomi, 2012) and six are from China (Hromádka, 1982; Tang, Li & Zhu, 2010). Members of this group can be separated from those of the allied groups by the following aspects: body small (2.2–4.6 mm), brachypterous species, male sternite 6<sup>th</sup> and 7<sup>th</sup> developed or strongly developed, and median lobe of aedeagus narrow or moderately broad (Tang, Li & Zhu, 2010; Naomi, 2012). In 2011, our lab staffs surveyed the staphylinid fauna of the Mao'er Shan Natural Reserve, and obtained a series of stenine specimens, among which was a new species of the *S. cephalotes* group. In this paper, we describe the new species, provide illustrations of its habitus and major diagnostic character, and modify the latest key to Chinese species of this group to accommodate the new taxon.

### Material and methods

The type series are deposited in the following public and private collections:

SNUC Department of Biology, Shanghai Normal University, P. R. China;  
cPut private collection V. Puthz, Schlitz, Germany.

The measurements of various body parts are abbreviated as follows: **BL**—body length, measured from the anterior margin of the clypeus to the posterior margin of abdominal tergite X; **FL**—fore body length, measured from the anterior margin of the clypeus to the apicolateral angle of elytra; **HW**—width of the head including eyes; **PW**—width of the pronotum; **EW**—width of the elytra; **PL**—length of the pronotum; **EL**—length of the elytra, measured from humeral angle; **SL**—length of elytral suture

### Taxonomy

Modified couplets of the key (Tang, Li & Puthz, 2010: 38–39) to Chinese species

Female. Sternite VIII (Fig. 12) inconspicuously prominent at middle of posterior margin; tergite X (Fig. 13) slightly broader than that of male. Valvifers (Fig. 14) each with large apicolateral tooth; sclerotized spermatheca as in Fig. 15.

**Distribution.** South China: Guangxi.

**Bionomics.** The type series were collected by sifting leaf litter of the forest floor. Habitat see Figs. 3, 4.

**Remarks.** The new species can be separated from the related species by a combination of the following characters: elytra with trace of reddish spots, punctuation of entire body mostly well-delimited, pronotum with longitudinal furrow impunctate medially; interstices of abdomen densely reticulate.

**Etymology.** The new species is named after Miss Wen-Li Ma, co-collector of the type series.

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