



The genus *Cimicicapsus* Poppius from China (Hemiptera: Miridae: Deraeocorinae)

JING-YANG XU & GUO-QING LIU

Institute of Entomology, Nankai University, Tianjin 300071, China. E-mail: liugq@nankai.edu.cn

Abstract

Nine species of *Cimicicapsus* Poppius from China are recognized. Six new species: *C. flavimaculus* Xu & Liu, **sp. n.**, *C. pseudokoreanus* Xu & Liu, **sp. n.**, *C. rubidus* Xu & Liu, **sp. n.**, *C. splendidus* Xu & Liu, **sp. n.**, *C. squamus* Xu & Liu, **sp. n.**, and *C. villosus* Xu & Liu, **sp. n.**, are described. A new combination, *C. montanus* (Hsiao, 1941) and a new synonymy, *Deraeocoris luteolus* Xu & Liu, 2005 = *C. parviceps* Poppius, 1915, are reported. Photographs of the dorsal habitus and figures of the male genitalia are given. A key to the world species is provided. All type specimens are deposited in the Institute of Entomology, Nankai University, Tianjin, China.

Key words: Miridae, Deraeocorinae *Cimicicapsus*, new species, China

Introduction

Poppius (1915b) intended to establish *Cimicicapsus* based on *C. brunneus* Poppius from north Australia and *C. elongatus* from India. Subsequently, Poppius (1915a) added *C. parviceps* from Taiwan to the genus. Because the publication dates of these two works were out of sequence, *Cimicicapsus* became available with *C. parviceps* as the type species (Kerzhner, 1993). Kerzhner & Schuh (1995) reassigned these three species to the genus *Deraeocoris* Kirschbaum by placing *Cimicicapsus* in synonymy. Kerzhner (1999) restored *Cimicicapsus* as a subgenus of *Deraeocoris*. Nakatani (2001) redescribed the type species, *C. parviceps*, illustrated its male genitalia, reinstated *Cimicicapsus* as a genus in the Deraeocorinae, transferred *D. koreanus* Linnavuori to *Cimicicapsus*, and described a new species, *C. miyakei* Nakatani from Japan.

In this paper, six new species, *Cimicicapsus flavimaculus* **sp. n.**, *C. pseudokoreanus* **sp. n.**, *C. rubidus* **sp. n.**, *C. splendidus* **sp. n.**, *C. squamus* **sp. n.**, and *C. villosus* **sp. n.** are described. A new combination, *C. montanus* (Hsiao, 1941) n. comb., and a new synonymy, *D. luteolus* Xu & Liu, 2005 n. syn. (= *C. parviceps*), are reported. Photographs of the dorsal habitus and figures of the male genitalia are provided.

Material and methods

All illustrations of male genitalia were made from temporary slide mounts in glycerol, using an Olympus SZ-ST microscope. Dorsal and lateral view photographs were made with a Nikon SMZ1000 apparatus. Type specimens are deposited in the insect collection of the Institute of Entomology, College of Life Sciences, Nankai University, Tianjin, China. All measurements are in millimeters.