



## The discovery of the genus *Caecina* Stål (Hemiptera: Reduviidae: Ectrichodiinae) from China, with the description of a new species

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### Abstract

A species of the genus *Caecina* Stål has been discovered from China. *Caecina sinica* is described as new. Illustrations of habitus, phallus and other important characteristics of the new species are provided. The holotype is preserved in Entomological Museum of China Agricultural University.

**Key words:** *Caecina*, Reduviidae, Ectrichodiinae, new species, Xizang, China

### Introduction

*Caecina* was erected by Stål in 1863 and 15 species have been described prior to this study. Cook (1977) made a checklist of the species and Maldonado-Capriles (1990) catalogued them. *Caecina* is distributed in the Oriental Region: 1 species in Cambodia (Stål 1863), 3 species in the Philippines (Miller 1953, 1955), 3 species in Malaysian peninsula (Miller 1941, 1949), and 8 species in Indonesia (Breddin 1903; Miller 1941, 1948, 1954, 1958). The distinct morphological feature of this genus is the spiny anterior lobe of pronotum, which extends forward over the neck (Figs. 1–2). In a study of Chinese Reduviidae, we found a new species of this genus, and describe it here.

### Material and methods

This study is based on materials deposited in the Entomological Museum of the China Agricultural University. Male genitalia were soaked in hot 10% potassium hydroxide solution for approximately 5 minutes to remove soft tissue, then rinsed in distilled water, and dissected under a Motic binocular dissecting microscope. All drawings were traced with the aid of a camera lucida. Dissected genitalia were placed in vials with glycerin and pinned under the corresponding specimen. Morphological terminology mainly follows that of Lent & Wygodzinsky (1979). Measurements (in mm.) were obtained using a calibrated micrometer. The type specimen of the new species is preserved in the China Agricultural University, Beijing (CAU).