



# Article

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## New Records of the Genus *Jessopocoris* Carvalho, 1981 (Hemiptera: Miridae: Bryocorinae), with Descriptions of Two New Species Found in China

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### Abstract

Three species of *Jessopocoris* Carvalho are presented, and *J. yunnananus* and *J. aterovittatus*, both from China, are described here as new to science. A key to species of *Jessopocoris* is given. Photographs of the dorsal habitus and illustrations of the dorsal view of hemelytra and the male genitalia are provided. Descriptions and illustrations of the male genitalic characters of *Jessopocoris* are provided for the first time.

**Key words:** Hemiptera, Miridae, Bryocorinae, *Jessopocoris*, new species

### Introduction

Carvalho (1981) established the monotypic genus *Jessopocoris* in the subfamily Bryocorinae, based on one female specimen from India. Until now there have been no more specimens recorded in the literature (Schuh, 1995, 2012).

This genus is recognized by the peculiar structure of pronotum. The posterior lobe of the pronotum is strongly punctate and distinctly prominent, and covering mesoscutum, a large portion of scutellum and basal angle of hemelytra.

In this paper, *Jessopocoris* Carvalho is first recorded from China, by two new species, *J. yunnananus* and *J. aterovittatus*. Descriptions of the male characters including genitalia are described for the first time. A key to the species of *Jessopocoris* Carvalho is given. Color digital habitus images and illustrations of the male genitalia are provided. Detailed collection data are provided for all examined specimens.

### Material and methods

Male genitalia were placed in glycerin and mounted in a temporary slide to be illustrated with an Olympus SZ-ST microscope. Photographs of adults in dorsal view were taken by Nikon SMZ1000. All measurements are in millimeters. A summary of measurements for all species is given in Table 1. The type specimens are deposited in the Institute of Entomology, College of Life Sciences, Nankai University, Tianjin, China.

### Taxonomy

#### *Jessopocoris* Carvalho, 1981

*Jessopocoris* Carvalho, 1981: 480.

Type species: *Jessopocoris scutellatus* Carvalho, 1981