



The first goblin spiders of the genus *Trilacuna* from Vietnam (Araneae, Oonopidae)

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Abstract

Two new species of the genus *Trilacuna* Tong & Li, *T. hamata* sp. nov. and *T. sinuosa* sp. nov., are described from Tam Dao National Park, Vietnam.

Key words: morphology, new species, taxonomy, genitalia, forest

Introduction

Oonopids are very small (1–3 mm), haplogyne spiders that occur throughout the temperate and tropical regions of the world. They are among the most diverse spider families with 1135 described species in 93 genera (Platnick 2013). The oonopid spiders of Vietnam are little known. Simon (1893, 1909) reported three species from this region. Recently, three additional species were added (Eichenberger *et al.* 2012; Platnick *et al.* 2011, 2012).

Trilacuna is a rather small oonopid genus, characterized by the deeply incised labium, branched endites in males, enlarged male palpal femora and pear-shaped bulbs ending in a complicated set of membranes with filiform projections around the embolus. Tong & Li established the genus in 2007 to accommodate two new species, *T. angularis* and *T. rastrum*, from southwest China. Subsequently, Eichenberger & Kranz-Baltensperger (2011) described seven species from Thailand, Malaysia and Sumatra. Recently, Grismado *et al.* (2013) reviewed the genus and reported six new species from India, Nepal and Pakistan. In this paper two new *Trilacuna* species, *T. hamata* and *T. sinuosa*, collected in Vietnam, are described and illustrated.

Material and methods

The specimens were examined using a Leica M205C stereomicroscope. Details were studied under an Olympus BX51 compound microscope. All illustrations were made using a drawing tube and inked on ink jet plotter paper. Photos were made with a Canon EOS 550D zoom digital camera (18 megapixels) mounted on an Olympus BX51 compound microscope. Vulvae were cleared in lactic acid. All measurements were taken using an Olympus BX51 compound microscope and are in millimeters.

All specimens are deposited in the Institute of Zoology, Chinese Academy of Sciences in Beijing (IZCAS).

Taxonomy

Family Oonopidae Simon, 1890