



<http://dx.doi.org/10.11646/zootaxa.3635.1.7>

<http://zoobank.org/urn:lsid:zoobank.org:pub:8C34B67F-C282-4C6F-9881-BA6815D8E28E>

On the crab spider genus *Angaeus* Thorell, 1881 and its junior synonym *Paraborboropactus* Tang and Li, 2009 (Araneae: Thomisidae)

SURESH P. BENJAMIN^{1,2}

¹Institute of Fundamental Studies, Hantana Road, Kandy, Sri Lanka

²Zoological Research Museum Alexander Koenig, Adenauerallee 160, 53113 Bonn, Germany. E-mail: suresh.benjamin@gmail.com

Abstract

Morphological comparison of the genera *Angaeus* Thorell, 1881 and *Paraborboropactus* Tang and Li, 2009 (Araneae: Thomisidae) shows that the latter should be relegated to a junior synonym of the former. Further, I propose the following new synonyms: *Angaeus leucomenus* (Thorell, 1895), *Stephanopsis weyersi* Simon, 1899 and *Paraborboropactus leguminaceus* Tang and Li, 2009 = *Angaeus rhombifer* Thorell, 1890 **syn. nov.**, *Paraborboropactus oblatulus* Tang and Li, 2010 = *Angaeus lenticulosus* Simon, 1903 **syn. nov.** The following species are transferred from *Paraborboropactus*: *Angaeus canalis* (Tang & Li, 2010) **comb. nov.**, *Angaeus liangweii* (Tang & Li, 2010) **comb. nov.**, *Angaeus rhombus* (Tang & Li, 2009) **comb. nov.** and *Angaeus zhengi* (Tang & Li, 2009) **comb. nov.** The holotype of *Angaeus pudicus* (type species of the genus) is illustrated, and the male and female of *Angaeus rhombifer* are redescribed and illustrated based partly on fresh material from Singapore. A new species, *Angaeus christae* **sp. nov.** is described based on both sexes, and a syntype of *Angaeus comatulus* Simon, 1909 is illustrated.

Key words: biodiversity, taxonomy, China, India, Vietnam

Introduction

The crab spider genus *Angaeus* currently contains six described species and remains poorly known. All species are restricted to tropical Asia. Their descriptions are all outdated; they have been made more than 100 years ago. The type species of *Angaeus*, *A. pudicus* is known only from males, the five remaining species only from their females. Since 1909 no additional data have been added to the knowledge of this genus.

The genus *Paraborboropactus* Tang and Li, 2009 was established for three new species from Yunnan Province, China. *Paraborboropactus zhengi* Tang and Li, 2009 was designated as the type species of the genus. This and two related species were described based on relatively large series of material of both sexes and well illustrated (Tang & Li 2009, 2010b). One year later three more species were added (Tang & Li 2010a, 2010b). However, the authors, in all occasions, failed to examine if their new species would fit into well established generic concepts for crab spiders from the surrounding countries.

The aim of the present paper is to illustrate the type species of *Angaeus*, *A. pudicus* and to demonstrate that it is a senior synonym of *Paraborboropactus*. Further, morphology of two other species, *A. lenticulosus* Simon, 1903 and *A. rhombifer* Thorell, 1890 is presented, and proposed as senior synonyms of *Paraborboropactus oblatulus* Tang and Li, 2010 and *Paraborboropactus leguminaceus* Tang and Li, 2009 respectively. *Angaeus leucomenus* (Thorell, 1895) and *Stephanopsis weyersi* Simon, 1899 are proposed as junior synonyms of *A. rhombifer*. A new species *Angaeus christae* **sp. nov.** is described based on both sexes.

Material and methods

Types and other specimens were borrowed from the following institutions: MCSN Museo Civico di Storia Naturale “Giacomo Doria”, Genova; MNHN Muséum National d’Histoire Naturelle, Paris; NHRS Swedish Museum of