

New and poorly known species of coelotine spiders (Araneae, Amaurobiidae) from Thailand

PAKAWIN DANKITTIPAKUL^{1,2}, THANAPHUM CHAMI-KRANON² & XIN-PING WANG³

¹ University of Auckland, Private Bag 92019, Auckland, New Zealand; pdan021@ec.auckland.ac.nz

² Department of Biology, Faculty of Science, Chiang Mai University, Chiang Mai 50200, Thailand; scissnth@chiangmai.ac.th

³ Brooks Center for Rehabilitation Studies, University of Florida, Gainesville, FL 32610, USA; xwang@phhp.ufl.edu

Abstract

Two new species of the subfamily Coelotinae (Araneae, Amaurobiidae) are described from Thailand. *Coelotes suthepicus* sp. n. (♂ ♀) was recorded from an evergreen hill forest near the summit of Doi Pui, northern Thailand. *Asiacoelotes sparus* sp. n. (♂) was collected from a lower montane rain forest on Khao Khieo, Khao Yai National Park, central Thailand. The genus *Asiacoelotes* Wang, 2002 is reported from this country for the first time, where it presumably reaches its southernmost zoogeographical boundary. Additional specimens of *C. thailandensis* Dankittipakul & Wang, 2003 are collected from Doi Inthanon National Park; the female of this species is described here; variation in male palpal structure is illustrated. Males of *Draconarius monticola* Dankittipakul, Sonthichai & Wang, 2005 are collected and described from Doi Chiang Dao.

Key words: Coelotinae, *Asiacoelotes*, *Coelotes*, *Draconarius*, conspecific sex, biodiversity, zoogeography

Introduction

The Coelotinae was recently revised by Wang (2002) after an obscure taxonomic history following F.O.Pickard-Cambridge's (1893) establishment of this subfamily in the Agelenidae. The Coelotinae is now defined to include 20 genera and approximately 300 nominal species (Wang 2002), most of which were described from the Palearctic. Subsequently more coelotine spiders were discovered in Southeast Asia, in northern Vietnam (Nishikawa 1995; Wang 2002) and Thailand (Dankittipakul & Wang 2003, 2004; Dankittipakul *et al.* 2005).