



On the systematic position of *Dino* Loman and *Toccolus* Roewer (Opiliones, Laniatores, Epedanidae), with the description of a new species from western Java, Indonesia

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Abstract

A new species, *Toccolus javanensis* **sp. nova**, is described from a rainforest in Gunung Puncak, western Java, Indonesia. It is the fourth species of the genus, which was hitherto known only from continental SE Asia. It possesses a low ocularium and general body shape strongly resembling *Dino weberi* Loman from Sumatra. The relationships of *Toccolus* are discussed and the closely related genus *Dino* Loman is transferred from Podoctinae (Podoctidae) to Epedaninae (Epedanidae).

Key words: Arachnida, Harvestmen, Dibuninae, Podoctidae, Podoctinae, Sumatra, Indo-Malaya, Grassatores

Introduction

Based on the material collected by the Max Wilhelm Carl Weber (1852–1937) Expedition in the Dutch East Indies (1888), Loman (1893) described a number of Opiliones from Sumatra, Java and Flores. Among the Epedanoidae (roughly equal to today's Epedanidae) he included the new genus *Dino* Loman, with the type species *Dino weberi* Loman, from Sumatra. Later, Roewer (1912) synonymized Epedanidae and many other families with Phalangodidae, transferring *Dino* into the Podoctinae (currently Podoctidae) where it has remained until now. He reexamined and redescribed Loman's material of *Dino weberi*. No further material of the genus has been recorded in the literature and its familial placement has never been questioned.

Roewer (1927) created the genus *Toccolus* for a species from Vietnam. Suzuki (1969; 1976) added two more species, respectively from Thailand and Malaysia. In the present paper, based on material from Java deposited in AMNH, a new species of *Toccolus* is described, which resembles *Dino weberi* and thus prompted a comparison with *Dino*. This allows the transfer of the genus *Dino* from Podoctidae to Epedanidae.

Acronyms of repositories: AMNH — American Museum of Natural History, New York, NY, U.S.A. ZMAN—Instituut voor Taxonomische Zoologie, Zoologisch Museum, Universiteit van Amsterdam, Amsterdam, Netherlands. WWF Ecoregions follow classification of WWF (2007). Abbreviations: AL, abdominal scutum length from scutal groove to posterior border of scutum; AW, abdominal scutum maximum width; CL, carapace length down to scutal groove; CW, carapace maximum width; ID, interocular distance, measured between the internal rim of each cornea.