



A review of *Soaresia* H. Soares, 1945, with the description of a new species from Serra da Mantiqueira, Brazil (Opiliones, Gonyleptidae, Pachylinae)

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Abstract

Soaresia forficula **sp. nov.** is described from the Mantiqueira Mountain Range, Minas Gerais State, southeastern Brazil. The genus *Soaresia* H. Soares, 1945 previously included only *Soaresia uncina* H. Soares, 1945, hitherto recorded only from the type locality, Penedo, Rio de Janeiro State, in the same mountain range. A second record of *S. uncina* is given from a nearby locality, Serrinha do Alambari. The combined distribution of the species of *Soaresia* is restricted to elevations between 700 and 1300 m, in the Tropical & Subtropical Moist Broadleaf Forests biome. An emended diagnosis of the genus is given and complements are given to the description of *S. uncina*, including the first illustrations and description of the male genitalia.

Key words: Harvestmen, male dimorphism, beta males, Atlantic Forest, Neotropics, Minas Gerais, Rio de Janeiro

Introduction

The large subfamily Pachylinae includes many monotypic genera of uncertain affinities, for which the genital morphology and important details of external morphology remain largely unknown or undescribed. The Brazilian genus *Soaresia* H. Soares, 1945 is one such genus. The type species was described from Penedo, Rio de Janeiro State, which is in the Mantiqueira Mountain range. As a result of the expeditions of the National Museum, a new species has been found in the same mountain range at Rio Preto (90 km from Penedo), Minas Gerais State, and is here described.

Color names follow the NBS/ISCC color centroids system (see Kury & Orrico 2006 for details, as well as <http://www.anthus.com/Colors/Cent.html>). Abbreviations of depository institutions are: HSPC (Private Collection Helia Soares, now in MNRJ), MNRJ (Museu Nacional, Universidade Federal do Rio de Janeiro) and MZSP (Museu de Zoologia, São Paulo). All measurements are in millimeters (mm). Tarsal formula (number of tarsomeres) is given as follows: I, II, III, IV. Numbers for legs I–II are followed by the distitarsal count in parentheses.

Soaresia H. Soares, 1945

Soaresia H. Soares 1945: 243; Soares & Soares 1954: 296; Kury 2003: 193 (type species *Soaresia uncina* H. Soares, 1945, by original designation)

Emended diagnosis. Scutum outline with parallel sides at carapace, with median convexity widest at area II, narrowing gradually towards posterior border. Ocularium elliptic, not elevated, armed with a single erect