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New species of the Neotropical spider genus *Celaetycheus* Simon, 1897 (Araneae: Ctenidae)

DANIELE POLOTOW^{1,2,3} & ANTONIO D. BRESCOVIT¹

¹Laboratório Especial de Coleções Zoológicas, Instituto Butantan, Av. Vital Brasil 1500, CEP 05503-900, São Paulo, SP, Brazil.
E-mail: danielepolotow@gmail.com; adbresc@terra.com.br

²Departamento de Zoologia, Instituto de Biociências, Universidade de São Paulo, São Paulo, SP, Brazil

³Bill and Maria Peck Research Fellow, Arachnology, California Academy of Sciences, San Francisco, USA

Abstract

Nine species of the Neotropical spider genus *Celaetycheus* Simon, 1897 are newly described. All the species are endemic to the State of Bahia, northeast of Brazil: *Celaetycheus abara* sp. nov., *C. aberem* sp. nov., *C. acaraje* sp. nov., *C. beiju* sp. nov., *C. bobo* sp. nov., *C. caruru* sp. nov., *C. moqueca* sp. nov., *C. mungunza* sp. nov. and *C. vatapa* sp. nov. A new generic diagnosis, species diagnoses and distributional maps are provided.

Key words: Arachnida, Bahia, Brazil, South America, taxonomy

Introduction

The spider genus *Celaetycheus* Simon, 1897 contains, to date, two species: the type species *C. flavostriatus* Simon, 1897, from Bahia, Brazil and *C. modestus* Bryant, 1942, from Puerto Rico (Polotow & Brescovit 2009; Platnick 2012). The genus was recently revised by Polotow & Brescovit (2009) and a new genus (*Ohvida* Polotow & Brescovit, 2009) was described to accommodate the misplaced species in *Celaetycheus* (*O. fulvorufa* (Franganillo, 1930)) and *Ctenus* Walckenaer, 1805 (*O. brevitarsus* (Bryant, 1940), *O. coxana* (Bryant, 1940), *O. isolata* (Bryant, 1940) and *O. vernalis* (Bryant, 1940)). *Celaetycheus strenuus* (Bryant, 1942) was synonymized with *Ctenus ottleyi* (Petrunkevitch, 1930). *Celaetycheus paradoxus* F.O. Pickard-Cambridge, 1900 was transferred to *Leptoctenus* L. Koch, 1878. *Celaetycheus delesserti* Caporiacco, 1947 was transferred to *Ctenus* and recently revised (Polotow & Brescovit 2012); *Celaetycheus modestus* Bryant, 1942 was considered *incertae sedis*.

In this paper, we present descriptions and illustrations of nine new species of *Celaetycheus*, new records for the type-species, new generic diagnosis and distributional maps for all species. All specimens were collected in the state of Bahia, northeast Brazil, showing an important area of the endemism for species of this genus.

Material and methods

The material examined is deposited in the following institutions (curators in parentheses): IBSP, Instituto Butantan, São Paulo (D.M. Barros Battesti); MCN, Museu de Ciências Naturais, Fundação Zoobotânica do Rio Grande do Sul, Porto Alegre (R. Ott); MNHN, Muséum National d'Histoire Naturelle, Paris (C. Rollard); MNRJ, Museu Nacional do Rio de Janeiro, Rio de Janeiro (A. B. Kury).

Morphological observations and illustrations were made using a Leica MZ12 stereomicroscope with a camera lucida. Digital SEM photographs were taken on a LEO 1450vp scanning electron microscope at the Entomology Department of the California Academy of Sciences, San Francisco, USA. The preparation of specimens for the scanning electron microscope follows Álvarez-Padilla & Hormiga (2008). The epigyne was detached from the abdomen and submerged in clove oil to clear the internal structures. All measurements are in millimeters. The