



A remarkable new species of *Multumbo* showing sexual dimorphism, with the transfer of *Multumbo* and *Piassagera* to the Hernandariinae (Opiliones, Gonyleptidae)

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Abstract

A new species of *Multumbo* Roewer, 1927 (Gonyleptidae: Hernandariinae), *M. dimorphicus* **sp. nov.**, is described from Rio de Janeiro state, southeastern Brazil. It presents sexual dimorphism in leg IV, contrasting remarkably with the type species of the hitherto monotypic genus *Multumbo* and the closest genera (*Piassagera* Roewer, 1928 and *Pseudotrogulus* Roewer, 1932), which were all thought to have lost this dimorphism. The presence of sexual dimorphism in *M. dimorphicus* implies a complex scenario of loss or reversal of this character. New records are given of type species of genus, *Multumbo terrenus* Roewer, 1913, for which a lectotype is designated. New diagnoses are provided for Hernandariinae and *Multumbo*. *Multumbo* and *Piassagera* are transferred from the Gonyleptinae to the Hernandariinae.

Resumo

Uma nova espécie de *Multumbo* Roewer, 1927, *M. dimorphicus* **sp. nov.**, é descrita do estado do Rio de Janeiro. Ela apresenta dimorfismo sexual na perna IV, condição em notável contraste com a espécie-tipo do até então gênero monotípico *Multumbo* e com os gêneros mais relacionados, *Piassagera* Roewer, 1928 e *Pseudotrogulus* Roewer, 1932, nos quais esse dimorfismo era considerado como perdido. A presença de dimorfismo sexual em *M. dimorphicus* sugere um complexo cenário de perda ou reversão desse dimorfismo. Também foram incluídos novos registros da espécie-tipo do gênero, *Multumbo terrenus* Roewer, 1913, e um lectótipo é designado. Novas diagnoses para *Hernandariinae* and *Multumbo* são apresentadas. *Multumbo* e *Piassagera* são aqui transferidos de Gonyleptinae para Hernandariinae.

Key words: *Multumbo dimorphicus*, armature of leg IV, Laniatores, Gonyleptinae, Atlantic Rain Forest, areas of endemism, Serra dos Órgãos

Introduction

Cranidae Roewer, 1913 is a family of Laniatores typically distributed in the Andean and Amazonian parts of the Neotropics. The four subfamilies that now compose the Cranidae were previously included in the large family Gonyleptidae (e.g. Roewer, 1923), until Kury (1994b) isolated them as a separate family. The “false Craninae” that were reallocated to the Gonyleptidae (Gonyleptinae) by Kury (1992) included the genera *Multumbo* Roewer, 1927, *Piassagera* Roewer, 1928 and *Pseudotrogulus* Roewer, 1932—all from the region of the Brazilian Atlantic Forest.

The key character used by Roewer to distinguish the Craninae from the other Gonyleptidae was the condition of the coxae IV, hidden under dorsal scutum in dorsal view, which is symplesiomorphic at this level