

On the multiple holotypes of species of *Perissocytheridea* Stephenson, 1938 described from the Pirabas Formation (Oligo-Miocene), Brazil

Sobre os múltiplos holótipos designados para espécies de *Perissocytheridea* Stephenson, 1938 descritas da Formação Pirabas (Oligo-Mioceno), Brasil

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Abstract: The purpose of this nomenclatural note is to correct type designation procedures that resulted in duplicity of holotypes for several species belonging to the ostracode genus *Perissocytheridea*, described from the Oligo-Miocene Pirabas Formation in northern Brazil.

Keywords: *Perissocytheridea*. Taxonomy. Holotype duplicity.

Resumo: O objetivo desta nota nomenclatural é corrigir procedimentos de designação de tipo que resultaram em duplicidade de holótipos para várias espécies pertencentes ao gênero de Ostracoda *Perissocytheridea*, descritas no Oligo-Mioceno da Formação Pirabas, Norte do Brasil.

Palavras-chave: *Perissocytheridea*. Taxonomia. Duplicidade de holótipo.

Antonietto, L. S., & Ramos, M. I. F. (2023). On the multiple holotypes of species of *Perissocytheridea* Stephenson, 1938 described from the Pirabas Formation (Oligo-Miocene), Brazil. *Boletim do Museu Paraense Emílio Goeldi. Ciências Naturais*, 18(3), e2023-e919. <http://doi.org/10.46357/bcnaturais.v18i3.919>

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Recebido em 19/04/2023

Aprovado em 19/10/2023

Responsabilidade editorial: Sue Anne Ferreira Costa



Four new species of the genus *Perissocytheridea* Stephenson, 1938 were described by Nogueira and Ramos (2016) from the Pirabas Formation, deposited during Oligo-Miocene times under brackish paleoenvironmental conditions in the Marajó-Basin at the State of Pará, northern Brazil. Three of these new species were named by the authors as *Perissocytheridea colini* Nogueira and Ramos, 2016, *Perissocytheridea pirabensis* Nogueira and Ramos, 2016 and *Perissocytheridea punctoreticulata* Nogueira and Ramos, 2016. However, when assigning a holotype to these taxa, they mistakenly designated more than one specimen of each as their 'holotypes', which is contrary to what the Article 73.1 of the International Trust for Zoological Nomenclature (ICZN) (Ride et al., 1999) states: "a holotype is the single specimen upon which a new nominal species-group taxon is based in the original publication". Therefore, based on Article 73.1.5 – "if a subsequent author finds that a holotype which consists of a set of components [e.g.

disarticulated body parts] is not derived from an individual animal, the extraneous components may, by appropriate citation, be excluded from the holotype". For this reason the specimens numbers MPEG-516-M, MPEG-524-M, MPEG-528-M and, MPEG-529-M are no longer part of the type series and the specimens numbers MPEG-515-M of *Perissocytheridea punctoreticulata*, MPEG-523-M of *Perissocytheridea colini*, and MPEG-527-M of *Perissocytheridea pirabensis* will be kept as holotypes of the respective species.

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AUTHOR CONTRIBUTION

L. S. Antonietto contributes with project administration, formal analysis, acquisition of financing, conceptualization, writing (original draft), and investigation; and M. I. F. Ramos with formal analysis, conceptualization, data curation, writing (review and editing), investigation and validation.

ERRATA

Na página 2, **onde se lia:** "Four new species of the genus *Perissocytheridea* Stephenson, 1938 were described by Nogueira and Ramos (2016) from the Pirabas Formation, deposited during Oligo-Miocene times under brackish paleoenvironmental conditions in the Marajó-Basin at the State of Pará, northern Brazil."

Leia-se: "Four new species of the genus *Perissocytheridea* Stephenson, 1938 were described by Nogueira and Ramos (2016) from the Pirabas Formation, deposited during Oligo-Miocene times under brackish paleoenvironmental conditions in the Bragantina platform at the State of Pará, northern Brazil."

