



***PARACYTHERIDEA PUCKETTI* NOM. NOV. FOR *PARACYTHERIDEA INFLATA* PUCKETT, 2008 (OSTRACODA, CRUSTACEA)**

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ABSTRACT – *Paracytheridea pucketti* nom. nov. is proposed here for *Paracytheridea inflata* Puckett, 2008 because this species name is pre-occupied by *Paracytheridea inflata* Purper & Ornellas, 1987.

Keywords: Ostracoda, *Paracytheridea*, *nomen novum*, Jamaica, Eocene, systematic paleontology.

Class OSTRACODA Latreille, 1806
Subclass PODOCOPA Sars, 1866
Order PODOCOPIDA Mueller, 1894
Suborder CYTHEROCOPINA Gründel, 1967
Superfamily CYTHEROIDEA Baird, 1850
Family PARACYTHERIDEIDAE Puri, 1957

Paracytheridea Mueller, 1894

Type species. *Paracytheridea depressa* Mueller, 1894

Paracytheridea pucketti nom. nov.

2008 *Paracytheridea inflata* Puckett, n. sp. pl. 1, figs. 1–7.
non 1987 *Paracytheridea inflata* Purper & Ornellas sp. nov. pl. 1, figs. 1–12.
non 1999a *Paracytheridea inflata* Purper & Ornellas – Coimbra *et al.*, fig. 41.
non 2020 *Paracytheridea inflata* Purper & Ornellas – Machado *et al.*, fig. 10N.

Derivation of name. Due to its discoverer, Dr. Terry Markham Puckett (University of Southern Mississippi).

Type material. National Museum of Natural History, USNM 534056-534057 (Puckett, 2008).

ACKNOWLEDGEMENTS

A. Salazar-Ríos thanks A. Pardo-Trujillo (Universidad de Caldas, Colombia) for his support when this manuscript was being written. We are grateful to J.C. Coimbra (Universidade Federal do Rio Grande do Sul, Brazil) for his kindness in sharing some of the works cited. We would also like to thank the editors of RBP (A.M. Ribeiro and M. Arai) and the two anonymous reviewers whose recommendations helped to significantly improve this manuscript.

INTRODUCTION

The ostracod genus *Paracytheridea* Mueller, 1894 is a common component of littoral to neritic environments worldwide. In the Americas it has been found both in tropical and temperate latitudes from the Cretaceous to the Recent (Benson, 1959; McKenzie & Swain, 1967; Bold, 1988; Cronin, 1988; Browers, 1993; Coimbra *et al.*, 1999b; Ballent & Whatley, 2009; among others). In its wide temporal and geographical distribution, at least 33 species have been described for the genus in the Americas (see Brandão & Karanovic, 2020 for a compilation of accepted species). Puckett (2008) describes eight new ostracod species in the Eocene of Jamaica (Guys Hill Formation), one of them named as *Paracytheridea inflata*. However, this combination is pre-occupied by *Paracytheridea inflata* Purper & Ornellas, 1987, described originally in the Recent equatorial and NE Brazilian shelf, but latterly reported southward this shelf as far as ~22°S (Machado *et al.*, 2020). Because of this primary homonymy (article 53.3 of ICZN, 2000), we propose the substitute name of *Paracytheridea pucketti* nom. nov. for *Paracytheridea inflata* Puckett, 2008, as defined in article 60.3 of the ICZN (2000).

SYSTEMATIC PALEONTOLOGY

For the supra-generic classification, the proposal of Horne *et al.* (2002) was followed.

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Received in 24 July, 2020; accepted in 08 September, 2020.