

Short Note

Six additional records of porcelain crabs from Brazil (Anomura: Porcellanidae)

Luciane Augusto de Azevedo Ferreira

(LAAF) Museu de Zoologia da Universidade de São Paulo, 04263-000, São Paulo, SP. Mestranda do Programa de Pós-Graduação em Zoologia, UNESP/Rio Claro. E-mail: lucianeaf@gmail.com

Porcelain crabs occur worldwide in intertidal and sublittoral zones of tropical and subtropical regions. Most of them are free-living but a few live commensally. Twenty-one species are known from the Brazilian coast so far, six of which are recorded herein from additional localities in Brazil.

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Pachycheles ackleianus A. Milne-Edwards, 1880

Pachycheles ackleianus A. Milne-Edwards, 1880: 36.

Material examined – Brazil, Rio de Janeiro, Cabo Frio, Arraial do Cabo, Prainha, P. S. Young and C. S. Serejo coll., 01.iv.1995 (in Porifera): 1 ♀ ovigerous (MZUSP 19899).

Distribution – Florida, USA; north of Gulf of Mexico; Mulatas Archipelago and Canal Zone, Panama; Cuba; Jamaica; Dominican Republic; St. Thomas; Antigua; Martinique; St. Lucia; Barbados; Cabo de La Vela and Santa Marta, Colombia; Los Roques, Margarita and Los Testigos Islands, Venezuela, Guyanas, and Brazil (from Pará to Rio de Janeiro).

Remarks – This species is known to occur on coral heads and sponges. It was previously known in Brazil from Pará to Bahia (Veloso & Melo, 1993) and is herein recorded from Rio de Janeiro.

Pachycheles chubutensis Boschi, 1963

Pachycheles chubutensis Boschi, 1963: 35, figs. 2, 3.

Material examined – Brazil, Rio de Janeiro, Cagarras Archipelago, Palmas Island, 09.x.2002: 1 ♂, 2 ♀ ovigerous (MNRJ 18394); Arraial do Cabo, Prainha, 27.i.1994: 1 ♂ (MNRJ 5751); 01.iv.1995: 1 ♀ (MNRJ 8601); P. S. Young & C. S. Serejo coll., 01.iv.1995 (in Porifera): 2 ♀ (MZUSP 19900); Angra dos Reis, 14.vii.1966: 1 ♂, 2 ♀ ovigerous (MNRJ 3777); Forte de Santa Cruz, Baía de Guanabara, 05.i.2001: 4 ♂, 1 ♀, 1 ♀ ovigerous (MZUSP 19534).

Distribution – Brazil (Rio de Janeiro and from Santa Catarina to Rio Grande do Sul) and Chubut, Argentina.

Remarks – This species was considered to be restricted to the southern temperate zone between Florianópolis and Chubut (Rodríguez *et al.*, 2005), and is now first recorded from Rio de Janeiro.

Pachycheles greeleyi (Rathbun, 1900)

Pisosoma greeleyi Rathbun, 1900: 147, plate 2, fig. 4.
Pachycheles greeleyi-Haig, 1956: 9.

Material examined – Brazil, Paraná – Camburi: 6 ♂, 4 ♀ ovigerous (MZUSP 9866).

Distribution – Brazil (from Pará to Espírito Santo and Paraná).

Remarks – This species is endemic to Brazil (Veloso & Melo, 1993). It is first recorded herein from Paraná.

Pachycheles riisei (Stimpson, 1859)

Pisosoma riisei Stimpson, 1859: 75.

Material examined – Brazil, Ceará, Acaraú, R. V. “Almirante Saldanha”, st. 1710, 02°59'S: 039°46'W, 27.x.1967, 17 m.: 1 ♀ ovigerous (MZUSP 8981).

Distribution – Florida, USA; Carrie Bow Cay, Belize; Puerto Rico; St. Thomas; Gulf of Darién, Santa Marta, Old Providence and Rosario Islands, Colombia; Margarita and Cubagua Islands, Venezuela; Tobago and Brazil (Ceará and from Paraíba to São Paulo, including Fernando de Noronha and Trindade Islands).

Remarks – This is the first record of *P. riisei* to Ceará.

Petrolisthes amoenus (Guérin-Ménéville, 1855)

Porcellana amoena Guérin-Ménéville, 1855: pl. 2, fig. 2.
Petrolisthes amoenus-Haig, 1956: 25-16.

Material examined – Brazil, Espírito Santo, Piúma, A. Jório coll., vii.2005: 1 ♂ (MZUSP 19503); Rio de Janeiro, Cabo Frio, Arraial do Cabo, Prainha, P. S. Young & C. S. Serejo coll., 01.iv.1995 (in Porifera): 1 ♀ (MNRJ 6476).

Distribution – Florida, USA; Yucatan, Mexico; Trinidad; Cuba; Puerto Rico; Barbados; Old Providence and Santa Marta, Colombia; Curaçao and Bonaire; Los Roques and Cubagua Islands, Venezuela, and Brazil (from Maranhão to São Paulo).

Remarks – The species is additionally recorded from Espírito Santo and Rio de Janeiro.

Petrolisthes marginatus Stimpson, 1859

Petrolisthes marginatus Stimpson, 1859: 74.

Material examined – Brazil, Espírito Santo, Trindade Island, B. Prazeres coll., 1966: 3 ♂, 2 ♀ ovigerous (MNRJ 3635).

Distribution – Western Atlantic: Florida, USA; Gulf of Mexico; Gulf of San Blás, Panama; Puerto Rico; Barbados; Old Providence and Rosario Islands, and Santa Marta, Colombia; Los Roques, Aves and Margarita Islands, Venezuela; Trinidad and Tobago and Brazil (Maranhão, Fernando de Noronha and Trindade Islands). Eastern Atlantic: Cape Verde Islands to Annobon Island, off western Africa.

Remarks – *P. marginatus* is one of a small group of essentially tropical porcellanid crabs having amphi-atlantic distribution (Gore, 1983). This species is recorded herein from the oceanic island of Trindade.

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