

Scientific note

New records of *Stenoplax kempfi* (Righi, 1971) from Brazil

(Mollusca, Polyplacophora)

Jaime A. Jardim, Davi J. A. de Lima & Felipe A. C. Monteiro

Stenoplax kempfi was originally described as *Ischnochiton kempfi* and only known from shallow waters of the type locality of Ilha de Itamaracá, off Pernambuco State, north-eastern Brazilian coast, from 0–22 m depth (Righi 1971). Later, Kaas & Van Belle (1980) placed it into the subgenus *Stenoplax* (*Stenoradsia*). However, Rios (1985) reported the species as a junior synonym of *Ischnochiton floridanus* (Pilsbry, 1892) and in 1994 the same author recognized it as a valid species belonging to the genus *Stenoplax*. Simone & Jardim (2009) proposed a new subgeneric combination, *Stenoplax* (*Stenoradsia*) *kempfi*.

In this study, we report new records based on specimens deposited in the collections of the Museu de Zoologia da Universidade de São Paulo (MZSP), Museu Oceanográfico do Rio Grande (MORG) and the Coleção Malacológica Professor Henry Ramos Matthews, Série B (CMPHRM-B) of the Universidade Federal do Ceará (UFC). The range of the species is extended herein ca. 668 km northward and 1555 km southward from the type locality. Specimens (Fig. 1) were identified based on the original description and comparison with type material (holotype MZSP 26067 and paratypes MZSP 25325, 25942). The examined material is listed below.

Brazil. Pernambuco State: Ilha de Itamaracá (0–1 m), Kempf, M. coll., ZU-03, holotype (MZSP 26067); Ilha de Itamaracá (ITA-73), 1 spm. (MZSP 87400); Ilha de Itamaracá (ITA-82), 1 spm., 16.xi.1972 (MZSP 87401); off Recife (9.5 m), 1 intermediate valve, “Recife-123” coll., ZU-04, Paratype (MZSP 25942); off Recife (22 m), 1 intermediate valve, “Recife-126” coll. ZU-05, Paratype; Recife (ITA-45), 2 spms (MZSP 87399).

Ceará State: Paracuru, Praia da pedra rachada, 1 spm., 58 mm, Simone, L. R. L. coll., 16.v.2003 (MZSP 85322); Praia da pedra rachada, 1 spm., 66 mm, Lima, D. J. A. coll., 21.xi.2017 (MZSP 142446). Icapuí, Praia de Ponta Grossa (0–1 m) (4°37'36.48" S 37°30'0.61" W), 1 spm., 75 mm, Monteiro, F. A. C. coll., 10.iii.2016 (CMPHRM-B 4819).

Espirito Santo State: Aracruz-Praia do Coqueiral, 1 spm., 60 mm (MORG 20918); Guarapari, disarticulated valves (MORG 27563).

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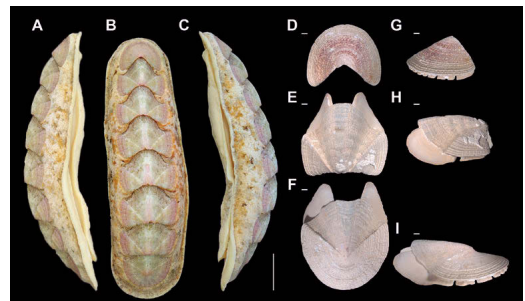


Fig. 1. Specimens of *Stenoplax kempfi* recorded in Acaraú, Ceará State and Guarapari, Espírito Santo State. A–C. MZSP 151445 (c. 14x7 mm), dorsal (B) and lateral views (A and C). D–I. MORG 20918 (c. 60 mm), dorsal and lateral views of head (D and G), intermediate (E and H) and tail valves (F and I). Scale bars 10 mm.

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Jaime A. Jardim, Museu de Zoologia da Universidade de São Paulo (MZSP), Av. Nazaré, 481, Ipiranga, São Paulo, SP, Brazil, CEP 04263-000; e-mail: jardim.jaime@gmail.com

Davi J. A. de Lima, Instituto Federal de Educação, Ciência e Tecnologia do Ceará (IFCE), Campus Acaraú, Av. Des. Armando de Souza Louzada – Sítio – Buriti, CE, Brazil, CEP 62580-000

Felipe A. C. Monteiro, Instituto Federal de Educação, Ciência e Tecnologia do Ceará (IFCE), Campus Jaguaribe, R. Pedro Bezerra de Menezes, 171, COHAB, Jaguaribe, CE, Brazil, CEP 63475-000