

UMBRACULUM MEDITERRANEUM (LAMARCK, 1819) (MOLLUSCA, OPIS- TOBRANCHIA, UMBRACULOMORPHA), NEW RECORD FOR THE LIT- TORAL FAUNA OF THE AZORES

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ARQUIPÉLAGO



MENEZES, GUI M. 1991. *Umbaculum mediterraneum* (Lamarck, 1819) (Mollusca, Opisthobranchia, Umbaculomorpha), new record for the littoral fauna of the Azores. - *Arquipélago*. Life and Earth Sciences 9: 101-102. Angra do Heroísmo. ISSN 0870-6581.

The occurrence of *Umbaculum mediterraneum* (Lamarck, 1819) is reported for the first time from the Azores, based on two specimens collected at the islands of Faial and S. Miguel.

MENEZES, GUI M. 1991. Primeira referência de *Umbaculum mediterraneum* (Lamarck, 1819) (Mollusca, Opisthobranchia, Umbaculomorpha) para a fauna litoral dos Açores. - *Arquipélago*. Ciências da Natureza 9: 101-102. Angra do Heroísmo. ISSN 0870-6581.

A ocorrência de *Umbaculum mediterraneum* (Lamarck, 1819) é registada pela primeira vez para os Açores, baseada em dois espécimes capturados na ilha do Faial e na ilha de S. Miguel.

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Synonymy

Synonyms according to PRUVOT-FOL (1954):
Umbaculum mediterraneum (Lamarck, 1819)
(= *Umbrella mediterranea* Lamarck, 1819)
(= *Umbella mediterranea* Delle Chiaje)
(= *Patella umbellata* Delle Chiaje, 1830)
(= ?*Parmophorus patelloides* Cantraine, 1835)
(= *Umbrella lamarckiana* Recluz, 1843)

Description of the specimens collected

Colour. When the animals were alive, they were covered in an abundance of mucus. The colour was orange on the ventral side and yellow with many irregularly placed brown spots of various sizes on the dorsal side. The two specimens are in the collection of the Department of Oceanography and Fisheries, University of the Azores (DOF/UA)".

Specimen 1 - Collected near Varadouro, Faial

island, on 22/09/84, by Victor Rosa, at 2 m depth on the bottom of medium sized boulders. Body length: 57.6 mm; Body width: 44.2 mm; Body height (with shell): 27.5 mm; Shell length: 35.1 mm; Shell width: 28.2 mm; Total weight: 35.5 g.

Specimen 2 - Collected near Maia, S. Miguel island, on 15/02/90, by Gui Menezes, on the intertidal rocky bottom. Body length: 79.0 mm; Body width: 64.9 mm; Body height (with shell): 23.2 mm; Shell length: 37.5 mm; Shell width: 26.3 mm; Total weight: 48.4g.

Discussion

This species is a member of the order Umbaculomorpha (Schmekel, 1985), previously part of the order Notaspida.

Descriptions of this species have been given by NOBRE (1936), PRUVOT-FOL (1954), RIEDL

(1983) and SCHMEKEL (1985). Our specimens conform with these.

According to NOBRE (1931) and PRUVOT-FOL (1954), this species occurs in the whole Mediterranean (from the Aegean Sea to Spain), Madeira, Cabo Verde, São Tomé e Príncipe and Sta. Helena islands.

DAUTZENBERG (1889) reported the capture of a juvenile of *Tyrodina citrina* Joannis, 1831 at S. Miguel island, a species of the second genus in the Order Umbraculomorpha.

This is the first record of this species from the Azores.

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