

Parvanachis obesa (CB Adams, 1845):
A new record for the northern coast of Perú
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Summary

This is the first record a new columbellid for the northern region of Peru, *Parvanachis obesa* (CB Adams, 1845), a species with a wide distribution among the Caroliniana and Patagonian Malacological Regions.

Introduction

Parvanachis obesa (CB Adams, 1845) is widely distributed from Virginia to Uruguay, Bermuda islands, typical of shallow water (Abbott and Morris, 1995), from the intertidal level of funds arena rock, corals, *Thalassia*, oysters reefs (Rodriguez et al., 2003). This distribution extends from the malacological region caroliniana, caribbean to Argentina (Sabelli, 1982).

It occurs with some abundance in brackish waters, banks of oysters, sea grass beds. They are carnivores, epifaunals (Reguero, García-Cubas & Zuñiga 1991)

Material examined

CAA-662 (Fig 01), Caleta Cabo Blanco, El Alto, Prov. Talara, Región Piura (04 ° 15.1' Lat. S; 81° 13.9' Long. W), height 5.3 mm. A specimen collected in the intertidal zone, in gravel and under rocks, in May 2006 by Valentín Mogollón Ávila.

CAA-713 (Fig 02), Caleta La Cruz, La Cruz, Prov. Tumbes, Región Tumbes (03° 37.8' Lat. S; 80° 35.0' Long. W), height 4.5 mm. A specimen collected by dredging at a depth of 10 m, in May 2005. Collected by Valentín Mogollón Ávila.

Average height = 4.9 mm; diameter (Ø) average = 2.5 mm.

CAA-735 (Fig N ° 03), collected by dredging at a depth of 30 meters, Boca del Toro, Panama East, (Height = 4.3 mm, Ø = 2.1 mm)

Abbreviations:

CAA: Carlos Arias Avila Collection

Discussion

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Discussion

CAA-662 specimens (see Fig 01) and CAA-713 (see Fig 02) are not related to any known Peruvian species of the genus *Parvanachis*. They are small, white with orange-brown stains near the transverse suture with transverse lines of the same color at the back of the body (see Fig 01), or wavy lines of the same color, arranged in two bands on the body whorl (see Fig 02). Axial ribs on the 15 precorporal whorls that are slightly nodular at the top level, with no appreciable level on the dorsal side of the body whorl. Trerencised spiral lines at the interspace located between the axial ribs. There are small teeth at the outer lip. Ther protoconch is smooth..

Compared to the CAA-735 specimen (Fig 03) shows great similarity with respect to the axial and spiral ornamentation on spirals and protoconch whorls and also in the color and arrangement of spots and stripes, especially with the specimen from Caleta La Cruz.

Acknowledgements

My thanks to Dr. Gregorio Mario Peña Gonzáles; to Dr Paulo Marcio Santos Costa, for the recommendations provided for the study of this species. My thanks to Valentin Mogollon Avila, for the specimens provided for this study.

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Parvanachis obessa (C. B. Adams, 1845)

Fig. A. Location: Caleta Cabo Blanca, Elalta prov. Talara, Region Prov. Talara, Region Piura, Lat. 4 19.1 S, 81 13.9W. Length 5.3 mm.

Fig. B. Location Caleta La Cruz, La Cruz, Lat. 3 37.8 S, 80 35.0 W Length 4.5 mm.

Fig. C. Collected by dredging at 30 meters depth. Location: Boca del Tora, Panama East. Length 4.3 mm. By 2.1 mm.

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