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First record of *Chaetacanthus magnificus* (Polychaeta: Polynoidae) from the northeast coast
of Brazil, with an overview of its taxonomic history
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Abstract

Polynoidae is a diverse group of polychaetes known as scale-worms, found in different marine regions. However this rich family is little studied in Brazil, especially along the northeastern coast of the country. We report *Chaetacanthus magnificus*, a first record for the northeastern coast of Brazil, establish this species as valid, differentiating it from other synonyms found in several studies which report polychaetes in Central and South America. The polychaetes found by Project Algae of Paraíba are in the collection of Laboratory of Marine Invertebrates Paulo Young, Universidade Federal da Paraíba, Brazil.

Keywords

Polychaetes, Polynoidae, scale-worm, South America, new record.

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