

Five new species of *Turbonilla* Risso, 1826 (Gastropoda, Heterobranchia, Pyramidellidae) found off the northeast coast of Brazil (02°-13° S)

RICARDO SILVA ABSALÃO^{1,2}, FRANKLIN NOEL DOS SANTOS^{2,3} & DEUSINETE DE OLIVEIRA TENÓRIO³

1- Departamento de Zoologia, Instituto de Biologia, Universidade Federal do Rio de Janeiro.

2- Departamento de Biologia Animal e Vegetal, Instituto de Biologia, Universidade do Estado do Rio de Janeiro. e-mail: absalao@hotmail.com

3- Seção Bentos, Departamento de Oceanografia, Universidade Federal de Pernambuco. E-mail: turbonilla-turris@hotmail.com

Abstract

Five new species of *Turbonilla* are described from the Brazilian northern continental shelf. *Turbonilla virgulinoi* n. sp. from off Pernambuco State (690 m depth) is diagnosed by its semi-pyriform profile and sinuous axial ribs. *Turbonilla megascymna* n. sp. from off Paraíba State (750 m depth) is characterized by its fragile shell and relatively large planispiral protoconch. *Turbonilla kamayura* n. sp. from off Paraíba State (750 m depth) is diagnosed by its slightly conical shell with convex whorls without spiral sculpture and the helicoidal protoconch. *Turbonilla mermeroglaphyra* n. sp. from off Alagoas State (255 m depth) has a slightly telescopic shell and is almost straight in profile; axial ribs become obsolete toward the last whorls. *Turbonilla aquilonaria* n. sp. from Pernambuco State (intertidal) is diagnosed by its tall shell without spiral sculpture and distinctly conical and almost flat-sided teleoconch whorls.

Key words: *Turbonilla*, Pyramidellidae, Heterobranchia, Gastropoda, South Western Atlantic, Brazil, new species

Introduction

In the context of worldwide concerns about the biodiversity crisis, and in support of its claims of a 200-mile Exclusive Economic Zone under the United Nations Convention on the Law of the Sea: Part III, the Brazilian Government is carrying out an extensive program to inventory fisheries resources on the continental shelf and slope of the entire Bra-