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

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**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-