

## Comparative Morphology of Radula in Two Cone Shells *Conus textile* and *C. coronatus* (Conidae)

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Received Date: June 2, 2014

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Accepted Date: May 12, 2015

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### Abstract

Radula as the main feeding organ in gastropods is not only a main organ for feeding but also is important in classification and phylogenetic studies. In this research, radula morphology of the two cone shell species, viz. *Conus textile* and *C. coronatus* from the Qeshm Island were compared. After preparation, the Radula samples were photographed with a scanning electron microscope (SEM). The radula type was toxoglossan in two species, like all species in the family Conidae. However, intraspecific differences were observed between the two species. Radula structure can be a valuable tool in species identification in cases of ambiguity in other characteristics.

Keywords: *Radula*, *Conus textile*, *Conus coronatus*, *Conidae*, *Toxoglossan*, *Qeshm Island*.

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