

**DESCRIPTION OF *DIODONTOLAIMUS KARACHIENSIS* N. SP.
(CHROMADORIDA: LEPTOLAIMIDAE) FROM
ARABIAN SEA OF PAKISTAN**

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Abstract

A new species of the genus *Diodontolaimus* Southern, 1914 that belongs to the family Leptolaimidae, collected from muddy sediments to Sandspit beach is described and illustrated. *Diodontolaimus karachiensis* n. sp., is characterized by the shape and structure of spicules and gubernaculum, transversely oval amphids situated between the cephalic setae; buccal cavity cylindrical with cuticularized walls; two subventral teeth in buccal cavity and one precloacal papilla. It comes close to *Diodontolaimus tenuispiculum* Gerlach, 1955 but differs from it in body length in 'c' value; in longer spicules and gubernaculum.