

A NEW GENUS, FIVE NEW AND FIVE KNOWN SPECIES OF FREE-LIVING MARINE NEMATODES (NEMATODA: MONHYSTERIDA; CHROMADORIDA) FROM ARABIAN SEA OF PAKISTAN

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Abstract

A new genus, new species of the family Xyalidae and four new and five known species of free-living marine nematodes are reported from Pakistan. *Arabanema pakistanesis* gen. nov. sp. nov., is characterized by the presence of weakly developed, symmetric, 'L' shaped spicules, tubular gubernaculum without apophysis, conoid tail and shallow, unarmed conoid buccal cavity. *Desmodora* (*Pseudochromadora*) *cliftensis* n. sp., *Ptycholaimellus sindhicus* n. sp., *Halichoanolaimus balochiensis* n. sp., *Odontophora hawksbiensis* n. sp., are described and illustrated as new species. *Chromadora nudicapitata* Bastian, 1865; *Endeolophos minutus* Gerlach, 1967; *Rhynchonema scutatum* Lorenzen, 1971; *Paracanthochus hawaiiensis* Allgen, 1951 and *Paracomesoma longispiculum* Timm, 1961 are reported and described for the first time from Pakistan.