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Some predatory and plant parasitic nematodes from Bushehr Province, Iran

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ABSTRACT

In 1995-96 a total of 32 soil samples were collected from all over the Bushehr province. Samples were taken from the rhizosphere of fruit trees and vegetables at depth of 30cm. Nematodes were extracted by centrifugation-flotation technique (Jenkins, 1964), fixed and transferred to glycerine (De. Grissse 1965). Thirteen genera of predatory and plant parasitic nematodes were collected in the region. Only three species of were found predator and identified as *Mylonchulus sigmaturus*, collected from cultivated soils of Borazjan, Shabankarch, Faryab and Genaveh, *Clarkus papillatus*, from cultivated soils of north of province (Poshtkoh) and *Mononchus aquaticus* collected from the rhizosphere of date palm in Abpakhsh-Dorodgah. *M. aquaticus* is a new record for Iran. The morphological and morphometrical characters of this species closely resembles that of *M. truncatus*, therefore they could eventually be synonymized.

Key words: Nematodes, Predatory, Plant parasitic, Bushehr

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