

SOME SPECIES OF PLANT PARASITIC NEMATODE FROM IRAN

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Abstract

In order to identify the plant parasitic nematodes, a number of 45 soil samples were collected from different fields in Joubar, Karaj and Jiroft (Mazandaran, Tehran and Kerman provinces, respectively). The nematodes were extracted from soil by centrifugal flotation technique. The extracted nematodes were transferred to glycerin. The permanent slides were mounted. The nematodes were identified by morphological and morphometrical characters. In this study four species were identified viz *Neodolichorhynchus sulcatus*, *Paraphelenchus micoletzkyi*, *Paratrichodorus minor* and *Tylenchorhynchus annulatus*. Among these species *N. sulcatus*, *P. micoletzkyi* and *P. minor* are new records for nematode fauna of Iran .

Keywords: Iran, *Neodolichorhynchus*, *Paraphelenchus*, *Paratrichodorus*, *Tylenchorhynchus*.

See Persian text for figures and tables (Pages ۴۱۹ –۴۳۴).

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