

## SOME SPECIES OF *Paratylenchus* (NEMATODA: TYLENCHULIDAE) FROM IRAN

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### Abstract

After studying of the plant parasitic nematodes, collected from different plants and regions of Iran, seven species belong to *Paratylenchus*, including *P. arcuatus*, *P. colinus*, *P. conicephalus*, *P. neoprojectus*, *P. similis*, *P. straeleni* and *P. veruculatus* were identified. Among them, *P. colinus*, *P. neoprojectus* and *P. veruculatus* are new records for Iranian nematode fauna that full description of them and also that of *P. straeleni* were given. These species were collected and identified from different hosts and localities as follows: *P. colinus* from the rhizosphere of apple trees in Divandareh, Kurdistan province, *P. neoprojectus* from both shade-trees in Tabriz and apricot seedlings in Sanandaj, and *P. veruculatus* from sugarcane fields of Khuzestan province. Furthermore, a dichotomous key for identification of Iranian species of this genus was presented.

**Keywords:** Plant parasitic nematodes, key, *Paratylenchus*, *Gracilacus*, Paratylenchinae.

See Persian text for figures and tables (Pages ۱۳۷-۱۵۶).

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