NEMATODE SPECIES OF THE INFRAORDER TYLENCHOMORPHA
FROM QOM PROVINCE, IRAN

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(Received : 30.9.2012; Accepted : 8.10.2013)

Abstract
In order to identify nematodes associated with orchards and fields of Kahak and Markazi regions in Qom Province, 50 soil and root samples were collected from different localities, during spring and autumn of 2010. The samples were washed and nematodes were extracted by centrifugal floatation technique. They were fixed and transferred to glycerin according to the de Grisse method (1969). Permanent slides were prepared from the extracted nematodes and some cross sections were made from different parts of the body. Morphological and morphometrical characters specimens were studied by light microscope attached to drawing tube. In result 16 species belonging to 12 genera of Tylenchina were identified. From these species Aphelenchoides singhi, Boleodorus volutus and Prothallonema macrocellum are reported and described for the first time from Iran and Aphelenchoides singhi is reported for the second time in the world.

Keywords: Aphelenchoides, Boleodorus, identification, morphology, Nematode, Prothallonema, Tylenchina.

See Persian text for figures and tables (Pages ۹۸۳-۱۰۴).

*: A Part of the Research Project of Identificatin of Plant Parasitic Nematodes in Qom Province Submitted to Payam Nour Univ., Qom, Iran.
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