

SPECIES OF THE FAMILY QUDSIANEMATIDAE (NEMATODA: DORYLAIMIDA) FROM CHAHARMAHAL VA BAKHTIARI PROVINCE, IRAN *

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(Received : 18. 2. 2012; Accepted : 3. 6. 2013)

Abstract

In order to identify the nematode fauna of the family Qudsianematidae Jairajpuri, 1969, more than 150 soil samples were collected from different locations of Chaharmahal va Bakhtiari province during 2009 - 2011. The nematodes were extracted from soil samples by centrifugal flotation method, killed by adding hot 4% formaldehyde solution (De Grisse 1969) and transferred into pure glycerin. Permanent slides were made and morphological characters were studied using light microscopy. Drawings and morphometrics were done using a drawing tube attached to the microscope. In this study, seven species belonging to the family Qudsianematidae, namely *Eudorylaimus sabulophilus*, *E. bombilectus*, *Crassolabium cylindricum*, *Discolaimus agricolus*, *D. bicorticus*, *Ecumenicus monohystera* and *Eudorylaimus subdigitalis* were identified from which the first four species are new reports for Iran's nematode fauna.

Keywords: *Crassolabium*, *Discolaimus*, *Ecumenicus*, *Eudorylaimus*, Fauna, Nematode.

See Persian text for figures and tables (Pages ۲۴۱-۲۵۵).

*: A Part of MSc. Thesis of The First Author, Submitted to College of Agric., Shahrekord Univ., Shahrekord, Iran.

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