

SOME SPECIES OF SUBORDER APHELENCHINA FROM JIROFT AND KAHNOJ REGION, FROM SOUTH IRAN*

F. A. RAMAJI¹, E. POURJAM^{1**} and A. KAREGAR²

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Abstract

In order to identify the Aphelenchina species nematodes of crop plants, 250 soil samples were collected from different fields in Jiroft and Kahnoj regions, Kerman province. 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 nine species of three genera *Aphelenchoides*, *Aphelenchus* and *Paraphelenchus* from suborder Aphelenchina were identified viz, *Aphelenchoides. astrecaudatus*, *A. curiolis*, *A. limberi*, *A. obtusicaudatus*, *A. parabicaudatus*, *A. sacchari*, *A. spicomucronatus*, *Aphelenchus avenae* and *Paraphelenchus. amblyurus*. Among these species *Aphelenchoides curiolis*, *A. obtusicaudatus* and *Paraphelenchus amblyurus* is reported from Iran for the first time.

Keywords: *Aphelenchoides*, Identification, Nematoda, South Iran, *Paraphelenchus*, Aphelenchina.

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** : Corresponding Author, Email: pourjame@modares.ac.ir

1. Former MSc. Student and Assoc. Prof. of Plant Pathology, Respectively, College of Agriculture, Tarbiat Modares University, Tehran, Iran.

2. Assoc. Prof. of Plant Pathology, College of Agriculture, Shiraz University, Shiraz, Iran.

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