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Nematodes associated with olive trees (*Olea europea* L.) in Iran

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ABSTRACT

Examination of 88 soil samples collected from olive rhizosphere in Guilan, Zanjan, Mazandaran, Fars, Kermanshahan and Qazvin provinces reveales the presence of 19 genera of nematodes viz., 11 ectoparasites, 3 endoparasites, 1 semi endoparasite and 4 non parasitic forms. The most frequently occuring and dominant genera were *Helicotylenchus* (11965 in 51 samples), *Tylenchus* (1030 in 21 samples), *Meloidogyne* (10555 in 17 samples), *Aphelenchus* (300 in 16 samples), *Tylenchorhychus* (1000 in 10 samples), *Psilenchus* (460 in 10 samples), *Boleodorus* (140 in 9 samples), *Xiphinema* (790 in 9 samples), *Pratylenchus* (980 in 8 samples) and *Mylonchulus* (140 in 6 samples). In all, 28990 nematodes were recovered.

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