

New records of *Boleodorus* Thorne, 1941 from *Berberis vulgaris* L. in Iran

*S. Alvani, E. Mahdikhani and H. Rouhani

Department of Plant Protection, Ferdowsi University of Mashhad, Iran

*Corresponding author's e-mail: somaye5778@gmail.com

Abstract

Nematode fauna associated with barberry (*Berberis vulgaris* L.) was investigated and identified. Soil samples were collected in the spring and summer seasons of 2012 from rhizosphere of barberry in South Khorasan Province, Iran. The plant parasitic nematodes were identified on the basis of morphological and morphometrical characters. In this study, four species of *Boleodorus* Thorne, 1941 were identified. These species were *Boleodorus typicus* Husain & Khan, 1968; *B. impar* Khan & Basir, 1964; *B. volutus* Lima & Siddiqi, 1963 and *B. thylactus* Thorne, 1941. Except *B. thylactus* these species have recorded for the first time in Iran.