

THREE ENTOMOPATHOGENIC NEMATODES (RHABDITIDA) FROM TURKEY

İ. KEPENEKÇİ AND İ.A. SUSURLUK*

Plant Protection Central Research Institute, 06172, Yenimahalle, Ankara-Turkey.
**Institute for Phytopathology, Department for Biotechnology and Biological Control,*
Christian Alberchts Kiel, Klausdorfer Str.28-36, 24223 Raisdorf, Germany

Abstract

A survey was carried out to determine the occurrence and distribution of entomopathogenic nematodes in Ankara, Turkey. Twenty-six soil samples were collected from 13 different areas of the Faculty of Agriculture Campus, Ankara University, Ankara by using the *Galleria* larva bait technique (Bedding & Akhurst, 1975). Entomopathogenic nematodes were recovered in three samples, *Heterorhabditis bacteriophora* Poinar, 1975 and *H. marelata* Liu & Berry, 1996 (Rhabditida: Heterorhabditidae) in two samples and *Steinernema feltiae* (Filipjev, 1934) Wouts, Mracek, Gerdin & Bedding, 1982 (Rhabditida: Steinernematidae) in one sample. *H. marelata* is recorded for the first time in the nematode fauna of Turkey. Morphometric characteristics are given.