

## **OBSERVATIONS ON FIVE KNOWN SPECIES OF SPIRAL NEMATODES FROM PAKISTAN**

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### **Abstract**

During a recent survey of plant parasitic nematodes, the following five known species of spiral nematodes representing two genera were found for the first time in Pakistan: *Rotylenchus dalhousiensis* Sultan & Jairajpuri, 1979; *R. himprus* (Sultan, 1980) Fortuner, 1987; *R. jagatpurensis* Sultan, 1985; *Helicotylenchus oscephalus* Anderson, 1979; and *H. willmottae* Siddiqi, 1972. Morphometric data, drawing and brief descriptions of these species are given as well as hosts and localities of occurrence in Pakistan.