

**DISCOLAMIUM CAPITULUM SP. N., AND OBSERVATIONS ON
D. BRACHYURUM SIDDIQI AND D. UPUM BAQRI &
JAIRAJPURI (NEMATODA: DORYLAIMIDA)**

F. SHAHINA, A.R. MUSARRAT AND M.R. SIDDIQI*

National Nematological Research Centre, University of Karachi, Karachi-75270, Pakistan

**Nematode Taxonomy Laboratory, 24 Brantwood Road, Luton, LU 1 IJJ, England UK.*

Abstract

Discolaimium capitulum sp. n., *D. brachyurum* and *D. upum* of the subfamily Siddiqi, 1969 are described and illustrated. *Discolaimium capitulum* sp. n. was collected from soil around roots of mango in Karachi University campus and from rice fields of Larkana and Dokri, Sindh, Pakistan. It is characterized by body length of female L=1.6-2.0 mm; a= 23.3-32.5; b= 4.2-5.2; c= 44.6-52.0; V= 45-59.0 %. Males have 1.3-1.7 mm body length; tail= 32-38.4; spicules= 70-72 μ m, lateral guiding piece 19-20 μ m, PO= 9-10. It comes close to *Discolaimium jairajpuri* Ferris, Ferris & Goseco, 1983 and *Discolaimium mukhtarपुरiense* Baqri & Jairajpuri, 1969, but differs from both in body length, a and c' values (L=1.6-2.0 mm; a=23-32 and c'=0.8-1.2). *Discolaimium brachyurum* Husain & Siddiqi, 1967 and *D. upum* Baqri & Jairajpuri, 1968 collected from the soil around roots of sugarcane and wheat, respectively in Sindh province are newly recorded from Pakistan. These are briefly described and illustrated. Males of *D. upum* Baqri & Jairajpuri, 1968 have been described for the first time.