NUS National University of Singapore

Department *of* Biological Sciences
Seminar Announcement
(Biodiversity and Ecology Journal Club)

Feeding Diversity in Nematodes

By **Wasim Ahmad**

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Date: 4 Sept 2003, Thurs
Time: 4 - 5 pm
Venue: Seminar Rm3, Blk S2, Dept of Biological Sciences, Science Dr 4, NUS
Host: Dr Darren Yeo

Nematodes constitute one of the most abundant groups of organisms in the animal kingdom. Their adaptability to diverse ecological conditions has resulted in their diverse occurrence. They are highly diversified, perhaps the most numerous of multicellular animals on the earth. Like insects, they are found in almost all types of biotypes and occur in unimaginable numbers in wide variety of shapes, sizes and structures. Generally, nematodes are free living in marine or fresh water or in soil. They occur at the bottom of lakes, rivers, at enormous depth in the oceans and in all types of soil. Some species can survive temperature below freezing point while others live in the water of hot springs and still others can withstand complete dryness on the surface of rocks during hot summers, reviving again with the onset of rainy season. A large number of species are parasites of different kinds of plants and animals. The parasitic species are of considerable agricultural, clinical and veterinary importance as pests of plants and parasites of livestock. The greatest apparent morphological diversity of nematodes can be seen in their lip region, stoma, the pharynx, i.e., the structures closely related to particular feeding habits. This talk will showcase the diversity of feeding modes and structures that have helped to make the nematodes such a successful group.

Visitors may park at Carpark 10

See map http://rmbr.nus.edu.sg/RMBR.JPG

About the speaker

Wasim Ahmad is Reader at Section of Nematology, Department of Zoology, Aligarh Muslim University, India. He specialises in Nematology with areas of research including Biodiversity, Systematics, Ultrastructure and functional morphology, Molecular Taxonomy and Ecology. He is also a member of the Editorial Board of several international journals on nematology, and has numerous publications including books, book chapters, and technical papers.

All are welcome

Designed by Yong Ann Nee, Dept of Biological Sciences, NUS