

BOOK REVIEW

Nematode Behaviour. Author: **Randy Gaugler & Anwar L. Bilgrami.**
CBI Publishing, CAB International, Wallingford, Oxfordshire, OX10 8DE,
UK; 875 Massachusetts Avenue, Cambridge, MA 02139 USA.
ISBN 0-85199-818-9. 419 pp.

Nematodes or roundworms are a group of organisms which are slenderly cylindrical, bilaterally symmetrical. Sexes separate, no definite circulating in respiratory system, digestive tract a tube opening with mouth and anus. They include free living forms as pests and parasites of plants, human and other animals. The behaviour of nematodes is the key issue in understanding their mode of life. The book provides a comprehensive review of the current knowledge of the behaviour of nematodes. At least 13 chapters have been contributed by eminent scientists viz., Ecological and Behavioural adaptations (Gregor W. Yeates), Locomotion Behaviour (A.H.J. Burr & A. forest Robinson), Orientation Behaviour (Ekatterini Riga), Feeding Behaviour (Anwar L. Bilgrami & Randy Gaugler), Reproductive Behaviour (Rabin N. Huettel), Ageing and Developmental Behaviour (E.E. Lewis & E.E. Perez), Osmoregulatory and Excretory Behaviour (Denis J. Wright), Physiological and Biochemical Basis of Behaviour (Roland N. Perry & Aaron G. Maule), Molecular Basis of Behaviour Maureen M. Burr & Jonghua Hu), Biotic Interactions (Patricia Timper & Keith G. Davies), Abiotic Factors (Mary E. Barbercheck & Larry Duncan), Population Dynamics (Brian Boag & Gregor W. Yeates) and Survival Strategies (David A. Wharton).

The book is an invaluable source of reference for Nematologists and plant pathologists engaged in research, extension and teaching work. The published literature would contribute a great deal in the progress of scientific research in the field of plant nematology.

Abdul Ghaffar
Department of Botany,
University of Karachi,
Karachi-75270, Pakistan.