

Book Review

Chen, Z. X., Chen, S. Y., Dickson, D.W. (eds.). 2004. Nematology – Advances and Perspectives. Volume II: Nematode Management and Utilization. Tsinghua University Press and CABI Publishing, Beijing and Wallingford, 597 pp. CABI ISBN 0 85 199 64 69, Tsinghua University Press ISBN 7-302-06817-8.

The first volume of this book addresses basic biology, while reviewed here the second covers applied aspects of nematodes as parasites of plants, humans and other animals, or as a disease vectors, and the control of pest nematodes.

The book contains 13 chapters, their numeration is a simple continuation from the first volume. The titles are the following: Chap. 13 – “Plant Diseases Caused by Nematodes” by H. Manzanilla Lopez, Kenneth Evans and John Bridge; Chap. 14 – “Virus Vectors” by Derek J. F. Brown, Jingwu Zheng and Xueping Zhou; Chap. 15 – “Physiological Interactions between Nematodes and Their Host Plants” by Haddish Melakeberhan; Chap. 16 – “Taxonomy of Insect Parasitic Nematodes” by Khuong B. Nguyen and Grover C. Smart, Jr.; Chap. 17 – “Resistance to Plant-parasitic Nematodes” by J. L. Starr and P. A. Roberts; Chap. 18 – “Crop Rotation and Other Cultural Practices” by John M. Halbrecht and James A. LaMondia; Chap. 19 – “Use of Antagonistic Plants and Natural Products” by Silamar Ferraz and Leandro Grassi de Freitas; Chap. 20 – “Biological Control of Nematodes by Fungal Antagonists” by Senyu Chen and Donald. W. Dickson; Chap. 21 – “Biological Control of Nematodes with Bacterial Antagonists” by Z. X. Chen and D. W. Dickson; Chap. 22 – “Biological Control of Insects and Others Invertebrates with Nematodes” by Harry K. Kaya and Albrecht M. Koppenhöfer; Chap. 23 – “Cost-benefits of Nematode Management through Regulatory Programs” by Paul S. Lehman; Chap. 24 – “Nematicides: Past and Present Uses” by J. R. Rich, R. A. Dunn and J. W. Noling; Chap. 25 – “Irradiation Effects of Plant Parasitic Nematodes” by D. W. Dickson. The last part of the volume is Index.

The information in each chapter is concisely presented, the cited literature is well matched with essence and content, and is up to date. In my opinion, the book is a good source of knowledge for all people interested more generally in practical aspects of nematology.

Stefan Kornobis
Institute of Plant Protection, Poznań, Poland