Prusky D., Freeman S., Dickman M.B. (eds.). 2000. *Colletotrichum*: Host Specificity, Pathology and Host-Pathogen Interaction. APS – The American Phytopathological Society, St. Paul, Minnesota, 393 pp. ISBN 0-89054-258-9.

This book contains papers presented at the international workshop organized by the United States – Israel Binational Agricultural Research and Development Fund (BARD) that was held in Jerusalem, from August 29 to September 1, 1998.

Fungi from the genus *Colletotrichum* and its teleomorph *Glomerella* are considered major plant pathogens worldwide. Cereals, grasses, legumes, ornamentals, vegetables and fruit trees may be seriously affected by the pathogen. The most significant economic losses are incurred when fruiting stage is attached.

Twenty three papers included into this volume have been arranged into eight subject groups.

Part "Systematics, vegetative compatibility and sexual stage" contains five chapters dealing with *Colletotrichum systematics* (P. Cannon et al.), *Colletotrichum phylogeny* (P.R. Johnson et al.), sexual compatibility of *Glomerella* (L. Vaillancourt et al.) and vegetative compatibility in *Colletotrichum* (T. Katan).

Part "Infection Process" contains three chapters devoted to cell biology of *Colletotrichum infection* process (R.J. O'Connel et al.), molecular communication between *C. gloeosporioides* and its host (P.E. Kolattukady et al.), and melanin biosynthesis genes in *C. lagenarium* (Y. Kubo et al.).

Part "Host specificity and genetic diversity" contains three chapters devoted to *C. magna* as model system (R.J. Rodriguez et al.), host specificity of *Colletotrichum* on various fruits (S. Freeman), inter– and intra-species variation in *Colletotrichum* (J.C. Correll et al.).

Part "Pathogenicity genes" contains two chapters dealing with gene transfer and expression in *C. gloesporioides* (J.M. Manners et al.) and gene expression of endopolygalacturonases of *C. lindemuthianum* (B. Dumas et al.).

Part "Regulation of pathogenicity and host resistance" contains two chapters discussing *C. trifolii* – alfalfa interactions (M.B. Dickman), and resistance mechanisms of subtropical fruits to *C. gloesporioides* (D. Prusky et al.).

Part "Mycoherbicides and their use" contains only one chapter discussing use of *Colletotrichum* strains for weed control (A.K. Watson et al.). It may be emphasized that nineteen strains showed high potential against several important weeds and in some countries commercially produced mycoherbicides are available e.g. Lubao, Collego, Biomal.

Part "Biocontrol" contains only one chapter discussing potential for biological control of diseases of avocado, mango and coffee berry caused by *Colletotrichum* spp. (Korsten and Jeffries).

Part "Major *Colletotrichum* hosts" contains seven chapters discussing diseases caused by *Colletotrichum* spp. in plantations of strawberries in Florida (D.E. Legard), citrus in Florida (L.W. Timmer and G.E. Brown), fruit tress in California (J.E. Adaskaveg and H. Förster), tropical perennical crops (J.M. Waller and P.D. Hohnson), and maize (G.C. Bergstrom and R.L. Wicholson).

This book presents a great interest to plant pathologists as it contributes to the understanding of present problems dealing with *Colletotrichum* spp. and future development in the area of biology, pathology and control.

Jerzy J. Lipa