BOOK REVIEW

Potential Use in Mosquito Control" by D. A. Federici, 43 pp.; "Bacillus thuringiensis and its Possible Use in a Program in the Fight against Mosquitoes" by W. A. Smirnoff, 6 pp. (in French); "Fungal Infections of Mosquitoes" by D. W. Roberts, 51 pp.; "Nematode and Protozoan Parasites of Mosquitoes and their Potential Use for Control" by H. C. Chapman, 11 pp.; "Potential of the Radiation-Sterilization Method in the Control of Mosquitoes" by W. F. Baldwin, 16 pp.; and "Genetic Control of Mosquitoes" by G. C. LeBrecque, 14 pp. All of these authors have made excellent presentations of their subject matter, however, the chapter on mosquito viruses by Dr. Federici is outstanding. This paper consolidates highly pertinent information from many scattered sources on all of the known mosquito viruses. Electron micrographs and diagrammatic illustrations of different types of viruses that cause disease in mosquitoes are also presented. The chapter by Dr. Roberts on fungal diseases is also excellent in that a great deal of information from many sources is brought together. All of the major groups of fungi which infect mosquitoes are discussed, and there is an extensive bibliography.

Some readers may feel that this seminar has given too much emphasis on the biological control of mosquitoes. However, the papers in this section represent relatively new areas of research, and it would seem that a thorough review of this research is warranted. Two additional biological or physical control methods are conspicuous by their absence. These are use of predators (such as mosquito fish) and water management. Both of these methods are well known, and in certain situations, have been proven to be effective for the control of mosquitoes.

The book contains a few typographical errors, but otherwise seems to be well edited and organized. The English summaries of the papers presented in French could be more detailed. The book is recommended, especially for those interested in recent and current research on control of mosquitoes by biologic methods. Darrell W. Anthony, Agricultural Research Service, USDA, Insects Affecting Man Research Laboratory, Gainesville, Florida 32604.