
Insect Microbiology

This book treats the various associations and relationships existing between all types of microbes and insects (including ticks and mites) from a biologic viewpoint. It is essentially a compilation of widely scattered data on this important subject but much of these data have not been sufficiently studied to present adequate bases for discussions relating to the biologic relationships involved. By the bringing together of this information into one volume and pointing out places where insufficient knowledge is lacking, advances in this phase of science should now be more rapid. It is through researches of this type that all branches of science are ultimately benefited. The writer is to be commended for this contribution which should be a valuable aid to the teachers and research workers in biological sciences but especially the medical entomologist, pathologist and bacteriologist.

Following the preface and introduction the subjects treated by chapters are as follows: Extracellular Bacteria and Insects; Specific Bacteria Associated with Insects; Intracellular Bacterium-like and Rickettsialike Symbiotes; Rickettsiae; Yeasts and Insects; Fungi and Insects; Viruses and Insects; Spirochetes Associated with Insects and Ticks; Protozoa and Insects (except termites); Protozoa in Termites; Immunity in Insects; and Methods and Procedures.

There are 87 pages of references indicating the enormous amount of material reviewed in preparing the book. The 250 text figures, an author index and subject index complete the book.—R. H. D.

Insect Microbiology, by Edward A. Steinhaus. Comstock Publishing Company, Ithaca, N. Y. x+173 pp. 1945. Price, \$7.75.