



Insect Symbiosis, Volume 2 (Contemporary Topics in Entomology)

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Summarizing current knowledge on symbiotic organisms in the biology of insects, **Insect Symbiosis, Volume II** describes the diversity of symbiotic bacteria associated with pests such as whiteflies, aphids, mealybugs, psyllids, and tsetse flies. The book illustrates how symbiosis research has important ramifications for evolutionary biology, physiology, parasitology, genetics, and animal behavior and is especially relevant to the control of agricultural and disease-carrying pests.

In this second volume, a few repeat authors describe brand new aspects of their research, while a new group covers recently developing aspects of symbiotic relationships. The book includes updated information on *Wolbachia* biology and how it influences insect life, supplies two new examples of using symbionts in crop protection, and discusses the recent “bug in a bug” mealy bug case. The book provides analysis and synthesis of cutting-edge research in insect symbiosis that sheds light on the evolution of the host/symbiont relationship, and in turn, on the general study of evolution, physiology, and genetics.

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Editorial Review

Review

Each reader will find chapters to delight him- or herself. ... should find a home in every biology library... a solid introduction to students, and extensive reviews of the past 20 years of research for professional investigators. They also will provide hours of enjoyable reading. The books represent the flowering of decades of research by dozens of pioneering scientists, and show how important symbiosis is to the biological sciences. The topic is so rich, and the investigators so productive that the editors could continue to produce a new volume every 3 years, indefinitely. Let's hope they do.

?Michael F. Dolan, University of Massachusetts, Amherst, USA, in *Symbiosis*

We have a great deal to learn about this planet where animals thrive in symbioses with microorganisms and we can learn much about it here.

?From the Preface by Lynn Margulis, Distinguished Professor, Department of Geosciences, University of Massachusetts

Bourtzis ... and Miller ... present 15 contributions covering such topics as mollicutes associated with arthropods and plants, the evolutionary origin and maintenance of the mutualistic symbiosis between termites and fungi, paternal sex ratio chromosomes in parasitoid wasps, and insect pest control using Wolbachia and/or radiation, among others.

?SciTech Book News, December 2006

Co-editor Thomas Miller has been awarded the G.J. Mendel Honorary Medal for Merit in the Biological Sciences. By awarding this medal, the Academy Council gives its highest recognition to Dr. Miller's outstanding achievements, which have been acknowledged worldwide.

?Academy of Sciences of the Czech Republic

This excellent overview of some of the relationships between insects and the various microorganisms that live within them should trigger additional research on the 'bugs' of interest to you. The chapters each contain numerous references and excellent illustrations, including color figures in the center of the volume. Run, don't walk, to get a copy of this book; it just may change how you think about your 'bugs'

?Marjorie A. Hoy, University of Florida, Gainesville, USA, in *Florida Entomologist* 86 (4)

Users Review

From reader reviews:

Robert Warden:

Information is provisions for individuals to get better life, information presently can get by anyone on everywhere. The information can be a knowledge or any news even restricted. What people must be consider whenever those information which is from the former life are difficult to be find than now's taking seriously which one would work to believe or which one typically the resource are convinced. If you receive the unstable resource then you get it as your main information we will see huge disadvantage for you. All of those possibilities will not happen within you if you take Insect Symbiosis, Volume 2 (Contemporary Topics

in Entomology) as the daily resource information.

David Johnston:

Reading a book tends to be new life style on this era globalization. With examining you can get a lot of information that will give you benefit in your life. Using book everyone in this world could share their idea. Guides can also inspire a lot of people. A great deal of author can inspire their particular reader with their story or maybe their experience. Not only situation that share in the ebooks. But also they write about the ability about something that you need instance. How to get the good score toefl, or how to teach your sons or daughters, there are many kinds of book that exist now. The authors on earth always try to improve their proficiency in writing, they also doing some analysis before they write with their book. One of them is this Insect Symbiosis, Volume 2 (Contemporary Topics in Entomology).

David Ruby:

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Carlton Wood:

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