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## Evolutionary Genetics of Invertebrate Behavior: Progress and Prospects

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By Milton Davis Huettel

Springer-Verlag New York Inc., United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.In the preface to Sir Vincent B. Wigglesworth's classic 1939 book on insect physiology he asserted that insects provide an ideal medium in which to study all the problems of physiology. A strong case can be made as well for the use of insects as significant systems for the study of behavior and genetics. Contributions to genetics through decades of research on *Drosophila* species have made this small fly the most important metazoan in genetics research. At the same time, population and behavioral research on insects and other invertebrates have provided new perspectives that can be combined with the genetics approach. Through such integrated research we are able to identify evolutionary genetics of behavior as a highly significant emerging area of interest. These perspectives are ably described by Dr. Guy Bush in the introductory chapter of this book. During March 21-24, 1983, many of the world's leading scientists in invertebrate behavioral genetics were drawn together in Gainesville, Florida, for a colloquium entitled Evolutionary Genetics of Invertebrate Behavior. This conference was...



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