

Dragonflies and Damselflies: Model Organisms for Ecological and Evolutionary Research

By Alex Córdoba-Aguilar



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Dragonflies and Damselflies documents the latest advances in odonate biology and relates these to a broader ecological and evolutionary research agenda. Despite being one of the smallest insect orders, dragonflies offer a number of advantages for both laboratory and field studies. In fact, they have been crucial to the advancement of our understanding of insect ecology and evolution. This book provides a critical summary of the major advances in these fields. Contributions from many of the leading researchers in dragonfly biology offer new perspectives and paradigms as well as additional, unpublished, data. The editor has carefully assembled a mix of theoretical and applied chapters (including those addressing conservation and monitoring) and achieves a balance of emerging and established research topics, providing suggestions for future study in each case.

This accessible text is not about dragonflies per se but an essential source of knowledge that describes how different sets of evolutionary and ecological principles/ideas have been tested on a particular taxon. It will therefore be suitable for graduate students and researchers in entomology, evolutionary biology, population and behavioural ecology, and conservation biology. It will of course be of particular interest and use to those working on insects and an indispensable reference text for odonate biologists.



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Editorial Review

Review

"The information presented in this book provides a fascinating insight into the ecology of Odonata...This book provides a wealth of interesting information about the behaviour of these fascinating insects...This is a fascinating and authoritative book" --Trends in Ecology and Evolution

About the Author

Alex Córdoba-Aguilar received his PhD from Sheffield University (UK) in 1999 and since 2003 has been working as a researcher at the Universidad Nacional Autónoma de México. He and his students have studied the ecology and evolution of several insect species using mainly dragonflies as study subjects. Alex's major scientific interests are sexual selection, genital evolution and insect immunity.

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