

Insects display a staggering diversity of behaviors which provide insights into a wide range of ecological, evolutionary, and behavioral questions. This accessible text offers a novel approach to their understanding, providing the reader with the necessary theoretical and conceptual foundations at a range of hierarchical levels. The book is divided into three main sections: mechanisms, ecological and evolutionary consequences, and applied issues. The final section places the preceding chapters within a framework of current threats to human survival—climate change, disease, and food security—before providing suggestions and insights as to how we can utilize an understanding of insect behavior to control and/or ameliorate them. Each chapter provides a concise, authoritative review of the conceptual, theoretical, and methodological foundations of each topic.

Insect Behavior is suitable for both graduate students and researchers interested in the topic from either an evolutionary, genetic, physiological, or ecological perspective. Due to its interdisciplinary and concept-driven approach, it will also appeal to a broader audience of entomologists and behavioral ecologists.

Photo credits: Front cover: Mating minstrel bugs [*Graphosoma lineatum*] by Erland Nielsen.
Back cover: Mantid [*Stagmomantis* sp.] eating a rubyspot damselfly [*Hetaerina americana*] by Isaac González-Santoyo

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