

WITH CONTRIBUTIONS FROM THE WORLD'S LEADING EXPERTS, *Evolutionary Behavioral Ecology* provides a core foundation of the field, a history of conceptual developments, and fresh insight into the controversies and themes shaping the continuing development of this multidisciplinary area of study. The book not only offers a comprehensive treatment of the evolutionary and ecological processes that mold behavior, it also examines foundational concepts such as adaptation, selection, fitness, and phenotypic plasticity and their application to the study of behavior. This evolutionary framework, combined with modern approaches to the genetic basis of behavior, highlight the increasingly interdisciplinary nature of the field and the insights that arise from this broader perspective. The text provides sophisticated perspectives on the diverse ideas that constitute modern behavioral ecology, and simultaneously serves as a gateway for future learning.

Hierarchically structured, the book is sequenced to offer a broad, overarching introduction that builds from foundational to more complex concepts, producing a comprehensive picture of modern behavior ecology. The text is intended as an introduction for graduate students pursuing careers in this discipline, but professional scientists in behavioral ecology and related fields, such as psychology, will find it to be a comprehensive sourcebook.

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COVER PHOTO

A male brown anole (*Anolis sagrei*) flaring his dewlap, a behavior used primarily during territorial and courtship displays. *Anolis* lizards have been used in the development and testing of fundamental theories in ecology and evolution, and they have served as important models in behavioral ecology.

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