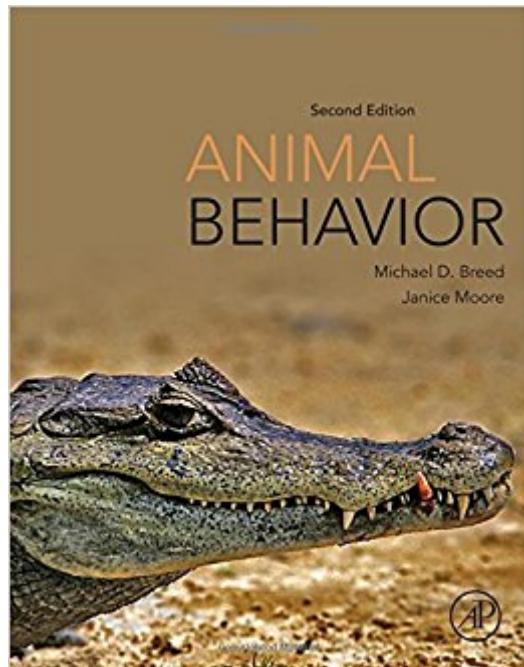


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# Animal Behavior, Second Edition



## Synopsis

Animal Behavior, Second Edition, covers the broad sweep of animal behavior from its neurological underpinnings to the importance of behavior in conservation. The authors, Michael Breed and Janice Moore, bring almost 60 years of combined experience as university professors to this textbook, much of that teaching animal behavior. An entire chapter is devoted to the vibrant new field of behavior and conservation, including topics such as social behavior and the relationship between parasites, pathogens, and behavior. Thoughtful coverage has also been given to foraging behavior, mating and parenting behavior, anti-predator behavior, and learning. This text addresses the physiological foundations of behavior in a way that is both accessible and inviting, with each chapter beginning with learning objectives and ending with thought-provoking questions. Additionally, special terms and definitions are highlighted throughout. Animal Behavior provides a rich resource for students (and professors) from a wide range of life science disciplines. Provides a rich resource for students and professors from a wide range of life science disciplines Updated and revised chapters, with at least 50% new case studies and the addition of contemporary in-text examples Expanded and updated coverage of animal welfare topics Includes behavior and homeostatic mechanisms, behavior and conservation, and behavioral aspects of disease Available lab manual with fully developed and tested laboratory exercises Companion website includes newly developed slide sets/templates (PowerPoints) coordinated with the book

## Book Information

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## Customer Reviews

"an excellent resource for veterinarians with an interest in behavior or veterinary behaviorists who want to gain perspectives on animal behavior that they may not have acquired during their veterinary curriculum." --JAVMA

After receiving my PhD from the University of Kansas in 1977, I came to Colorado to work as a faculty member at the University of Colorado, Boulder, where I have been ever since. I am currently a Professor in the Department of Ecology and Evolutionary Biology, and I teach courses in general biology, animal behavior, insect biology, and tropical biology. My research program focuses on the behavior and ecology of social insects, and I have worked on ants, bees, and wasps. I have studied the nestmate recognition, the genetics of colony defense, the behavior of defensive bees, and communication during colony defense. I was Executive Editor of *Animal Behaviour* from 2006-2009. As an undergraduate, I was inspired by parasitologist Clark P. Read to think about the ecology and evolution of parasites in new ways. I was especially excited to learn that parasites affected animal behavior, another favorite subject area. Most biologists outside the world of parasitology were not interested in parasites; they were relegated to a nether world someplace between the biology of free-living organisms and medicine. After peregrination through more than one graduate program, I completed my PhD studying parasites and behavior at the University of New Mexico. I did postdoctoral work on parasite community ecology with Dan Simberloff at Florida State University, and then accepted a faculty position at Colorado State University, where I have remained since 1983. I am currently a Professor in the Department of Biology where I teach courses in invertebrate zoology, animal behavior, and history of medicine. I study a variety of aspects of parasite ecology and host behavior ranging from behavioral fever and transmission behavior to the ecology of introduced parasite species.

A thorough, but not very student-friendly book, filled with voluminous detail about animal behavior, but lacking enough explanation to help the reader think and generalize. Too often, the authors give jargon-filled details about, say, some tiny insect and not sufficiently explain how it relates more widely to other species in the animal kingdom. Some texts are written with student readers in mind, others in mind of professors who might adopt the book for their courses. Unfortunately, this is more of the latter.

I learned a lot from it

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