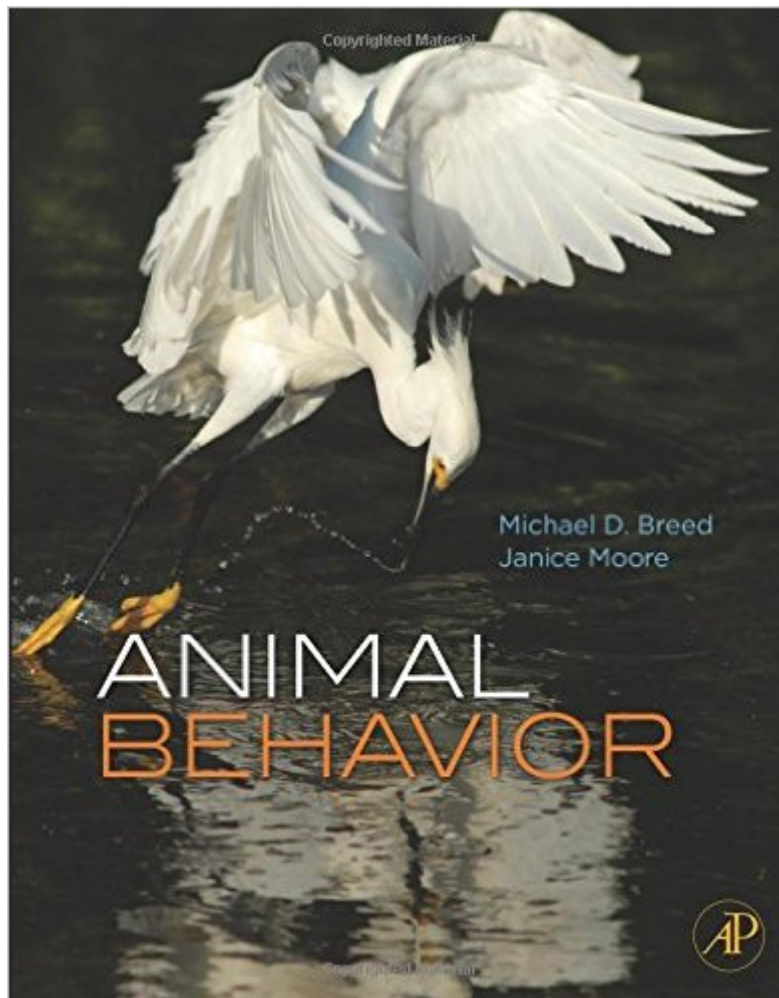


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# Animal Behavior



## Synopsis

Animal Behavior uses Tinbergen's four questions "causation, survival value, ontogeny and evolution" to formulate animal behavior and impart logic to the field of scientific inquiry. Comprised of fifteen chapters, the book opens with a discussion of the physiological aspects of behavior and the intricacies of social behavior as they relate to individual animals' behavior. After an introduction to evolution and animal behavior, the book discusses the physiological and genetic basis of behavior. It addresses behavioral homeostasis and different aspects of animal behavior, learning, and cognition. The book also connects animal behavior to neural processes, and it discusses the underlying mechanisms of communication. It also offers chapters about behavior ecology in relation to animal behavior, such as movement, foraging, self-defense, mating systems, nesting, parenting and territoriality, and social behavior. The book concludes with a chapter on conservation behavior. In presenting these topics, the book offers an accessible means of studying animal behavior, major principles, mechanisms, and controversies. Provides a solid background in the neurophysiological and endocrinological bases of animal behavior as well as exceptionally strong coverage of social behavior Includes behavior and homeostatic mechanisms, behavior and conservation, and behavioral aspects of disease Highlights aspects of behavior that relate to domestic animals in particular Lab manual with fully developed and tested laboratory exercises available for courses that have labs

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## Customer Reviews

We just switched to this book for our animal behavior classes. Unlike the previous books this one is written with the undergraduate audience in mind. It has lots of examples and pictures as well as drawings. The price is good, the content is readable. The students found the sample readings to be fun and easy to follow. I would use Alcock for a graduate level course but for a non-majors undergraduate class this book was the best choice.

I think this book is perfect for students with a genuine interest in animal behavior. I was highly impressed with this textbook, and for once, doing the readings for my class was actually enjoyable. It has good voice, and is written practically. The book is filled with pictures, case studies, and examples that illustrate the author's point. I think the textbook is thoughtfully organized as well. If you have no interest in animal behavior, then you might find the examples unnecessary, but personally, they made the reading the most enjoyable for me. Did you know, fur seals only rest one side of their brain at a time? One hemisphere remains active to steer and keep the seal afloat! :D

I bought this book for my Animal Behavior class and it has been a decent book so far. It is informative and enjoyable. You won't get bored with massive amounts of Scientific garble because it is written in a way that is more entertaining, which in my opinion, makes things more easily understood. It also makes it so that I want to read it, unlike most textbooks. Has good information and it makes you think about what is written. It's a good book.

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