

ENCYCLOPEDIA OF ANIMAL BEHAVIOR

Volume 1

EDITORS-IN-CHIEF

MICHAEL D. BREED

Department of Ecology and Evolutionary Biology, University of Colorado, Boulder, CO, U.S.A.

JANICE MOORE

Biology Department, Colorado State University, Fort Collins, CO, U.S.A.



The *Encyclopedia of Animal Behavior* has engaged, with great success, the efforts of many of the best behavioral biologists of the 21st century.

This comprehensive work covers not only the usual topics such as communication, learning, sexual selection, navigation, and history, but also emerging topics in cognition, animal welfare, conservation, and applications of animal behavior. The section on animal cognition brings together many of the world's experts to provide an overview of this rapidly developing area. Chapters relating to animal welfare give a view of behavioral interactions of humans with companion animals, farm animals, and animals in the wild. The key role of animal behavior in conservation biology receives broad attention, including chapters on the effects of noise pollution, captive breeding, and how the behavioral effects of parasites interacts with conservation issues. Animal behavior in environmental biology is highlighted in chapters on the effects of endocrine disruptors on behavior and a number of chapters on key species, such as wolves, chimpanzees, hyenas, and sharks.

This authoritative reference, with its introductory articles, rich array of illustrations, and numerous suggested readings, guides the student or professional to an expanded appreciation of the far-flung world of animal behavior. An invaluable tool for teaching and a source of enrichment and detail for any topic covered in an animal behavior course, the *Encyclopedia of Animal Behavior* is the definitive reference work in its field.

KEY FEATURES:

- Contains clear, accessible writing, complementing a wealth of information for undergraduate college students
- Includes in-depth coverage of concepts, methods and exemplar organisms, serving the needs of graduate students and professionals
- Glossary includes a compendium of behavioral terms that form a succinct mosaic of virtually every concept and phenomenon related to animal behavior
- Section editors, drawn from around the world, represent the best and the brightest among today's behavioral biologists and have recruited a broad range of internationally recognized experts
- Editors-in-Chief are experienced scientists and writers who, between them, have authored or edited eight books and teach courses in animal behavior at their respective universities



ACADEMIC PRESS

An imprint of Elsevier
elsevierdirect.com

