

**INTERNATIONAL
STUDENT EDITION**

**NOT FOR SALE IN
THE UNITED STATES
OR CANADA**

PRINCIPLES OF ANIMAL BEHAVIOR, Second Edition

The Second Edition provides the most current, comprehensive, and integrative account of animal behavior available. In addition to emphasizing the fundamental role of natural selection in shaping animal behavior, Lee Dugatkin considers how phylogenetic history, learning, and cultural transmission also affect animal behavior. The result is a text anchored in the most fundamental process in biology—natural selection—but that also credits the role of other factors, as based on recent research, in shaping animal behavior.

Core features of the text include:

- **A balanced treatment of ultimate and proximate factors**
- **A thorough presentation of learning and cultural transmission alongside natural selection and phylogeny**
- **An integrated treatment of the proximate factors of neurobiology, endocrinology, development, and molecular genetics**
- **A thorough integration of phylogeny**
- **Interviews with prominent researchers at the end of every chapter**

INSTRUCTOR RESOURCES

The Norton Animal Behavior DVD

Exclusively available to adopters of the textbook, this unique resource enables instructors to bring animal behavior to life in lecture. Containing approximately 200 premium content film clips gathered from researchers cited in the text, from the BBC, and from the Cornell Lab of Ornithology, this DVD features species from across the animal kingdom. Each clip ranges from 30 seconds to a few minutes in length. For each of them, James Hare, a field biologist and professor at the University of Manitoba, provides the species name, a brief description of the behavior, and references to discussions in the textbook. All descriptions are provided in a printed booklet that accompanies the DVD.

Instructor's Manual

Ryan Earley has updated the manual to reflect changes to the Second Edition, including in-depth answers to end-of-chapter discussion questions in the text, as well as multiple-choice questions and review and challenge questions for each chapter.

Digital Resources

All drawn art and most photographs are available in digital format on a Norton Media Library CD-ROM and at wnnorton.com/instructors/.

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