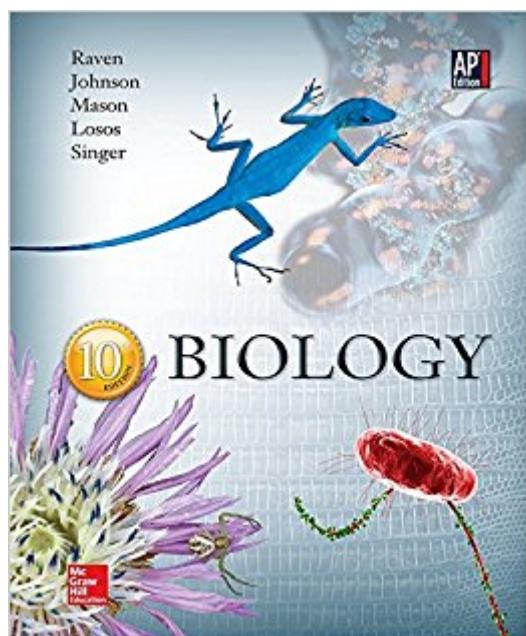


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# Raven, Biology © 2014, 10e, AP Student Edition (AP BIOLOGY RAVEN)



## Synopsis

Committed to Advanced Placement Biology! Committed to Students Biology is an exciting problem-solving presentation of modern biology featuring a diverse author team with a focus on the process of evolution to explain biodiversity. New pedagogical features to guide student learning

- Each chapter begins with an outline of the chapter.
- Learning outcomes are included for every major topic to help students see the forest for the trees and focus on the main concepts and relationships of the details being presented to them.
- Scientific Thinking illustrations are highlighted and provide students with questions, as well as a hypothesis, prediction, observation, experiment, etc., as appropriate to guide their thought process and teach them to think like a scientist.
- Inquiry questions are found throughout the text to push the students further in their ability to think scientifically.
- Learning outcomes are revisited with a short review prior to moving on to the next major topic.
- A logically organized summary is available at the end of each chapter for students to use as a quick study tool.
- End of chapter review questions include Understanding, Applying and Synthesizing levels.

Committed to Biology Teachers The dynamic author team comprised of Jonathan Losos, Evolutionary Biologist at Harvard University, Ken Mason, Molecular Biologist at University of Iowa, and Susan Singer, Plant Geneticist, Carleton College, have joined forces to move this high-quality textbook forward in a significant way for a new generation of students. All three authors have extensive experience teaching undergraduate biology and have used this knowledge as a guide in producing a text that is up-to-date, beautifully illustrated, and pedagogically sound for the student. They have provided clear, explicit learning objectives, and more closely integrate the text with its media support materials to provide instructors with an excellent complement to their teaching.

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## Book Information

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## Customer Reviews

Kenneth A. Mason received his undergraduate degree in Molecular Biology from the University of Washington, worked at UC Berkeley, then pursued his PhD in Genetics at UC Davis. He has taught Genetics, Microbial Genetics, Microbiology, Advanced Molecular Genetics, Introductory Biology, and a Genetics Laboratory that he designed. George B. Johnson, Ph.D., is a professor of biology at Washington University in St. Louis and a professor of genetics at the university's School of Medicine. He is a prolific author of life science texts and curriculum products in a variety of media. New to his list of works are the Explorations of Human Biology CD-ROM and the textbook Human Biology, both offered by Wm. C. Brown Publishers. Johnson is acknowledged as an authority on population genetics and evolution variability, and he has published more than 50 research papers dealing with these and related topics. Visitors to the St. Louis Zoo can appreciate Johnson's work in the Living World, the educational center of which he is the founding director. Jonathan Losos is a Monique and Philip Lehner Professor for the Study of Latin America in the Department of Organismic and Evolutionary Biology and Curator of Herpetology at the Museum of Comparative Zoology at Harvard University. Losos's research has focused on studying patterns of adaptive radiation and evolutionary diversification in lizards. The recipient of several awards including the prestigious Theodosius Dobzhansky and David Starr Jordan Prizes for outstanding young evolutionary biologists, Losos has published more than 100 scientific articles. Peter H. Raven, Ph.D., is director of the Missouri Botanical Garden and Engelmann professor of botany at Washington University at St. Louis. He oversees the garden's internationally recognized research program in tropical botany--one of the world's most active in the study and conservation of imperiled tropical habitats. Raven's botanical research and work in the area of tropical conservation have earned him numerous honors and awards, including a MacArthur Fellowship. He has written 17 textbooks and more than 400 articles, and he is a member of the National Academy of Science and the National Research Council. Susan Singer is the Laurence McKinley Gould Professor of the Natural Sciences

in the department of biology at Carleton College in Northfield, Minnesota, where she has taught introductory biology, plant biology, genetics, plant development, and developmental genetics for 20 years. Her research interests are focused on the development and evolution of flowering plants. Singer has authored numerous scientific publications on plant development, contributed chapters to developmental biology texts, and is actively involved with the education efforts of several professional societies. She received the American Society of Plant Biology's Excellence in Teaching Award, serves on the National Academies Board on Science Education, and chaired the NRC study committee that produced America's Lab Report.

The book arrived on time and it was in good condition, with just a few dents and scrapes along the front and back cover. The inside of the book was unmarked and in perfect condition. The content of the book is geared for a life sciences major but the many diagrams and pictures make the textbook an easy read for most people. It does not come with any additional material, just the print textbook as stated in the description.

Great book! Exactly what I was looking for!

This book is HUGE! :) And jam-packed with so much information! I'm a home schooling parent, and I wanted my son to really get an understanding of Biology this year. There are quizzes at the ends of chapters in the book, and from what I understood from reading the first few pages, there is an online companion site that allows the kids to have a more interactive learning experience. My student/son is fifteen years old, so he spends a lot of time on the computer already! So it works out! :) And the shipment arrived super fast. I'm extremely pleased.

Textbook was just what I needed, great price

Renting is the best way to save cash on college books. Do it.

Good educational material, as expected.

I normally wouldn't write a review about textbooks, but I feel the need to for this book. This is easily the best science textbook I've ever read. The amount of thought that has gone into makes it so much easier to absorb the principles of biology in a way that makes them stick. The illustrations in

the book are plentiful and do a fantastic job complimenting the text. The text is both in-depth but at the same time it is not filled with jargon, nor is it tangential. This is a great book. My only complaint is that it was not available for purchase on my Kindle.

excellent conditon

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