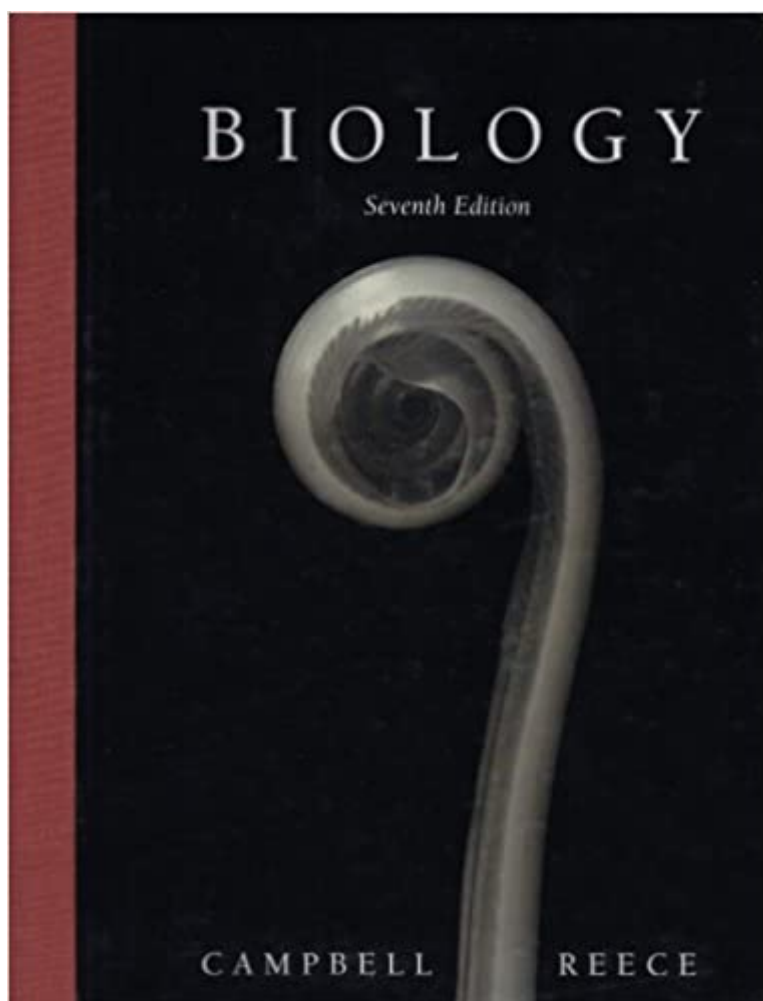


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# Biology, 7th Edition (Book & CD-ROM)



## Synopsis

Neil Campbell and Jane Reece's BIOLOGY remains unsurpassed as the most successful majors biology textbook in the world. This text has invited more than 4 million students into the study of this dynamic and essential discipline. The authors have restructured each chapter around a conceptual framework of five or six big ideas. An Overview draws students in and sets the stage for the rest of the chapter, each numbered Concept Head announces the beginning of a new concept, and Concept Check questions at the end of each chapter encourage students to assess their mastery of a given concept. New Inquiry Figures focus students on the experimental process, and new Research Method Figures illustrate important techniques in biology. Each chapter ends with a Scientific Inquiry Question that asks students to apply scientific investigation skills to the content of the chapter.

## Book Information

Hardcover: 1312 pages

Publisher: Benjamin Cummings; 7th edition (December 23, 2004)

Language: English

ISBN-10: 080537146X

ISBN-13: 978-0805371468

Product Dimensions: 9.1 x 1.8 x 11.1 inches

Shipping Weight: 7 pounds

Average Customer Review: 4.6 out of 5 stars 318 customer reviews

Best Sellers Rank: #31,359 in Books (See Top 100 in Books) #30 in Books > Science & Math > Science for Kids #268 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Biology #432 in Books > Science & Math > Biological Sciences > Biology

## Customer Reviews

Neil A. Campbell combined the investigative nature of a research scientist with the soul of an experienced and caring teacher. He earned his M.A. in Zoology from UCLA and his Ph.D. in Plant Biology from the University of California, Riverside, where he received the Distinguished Alumnus Award in 2001. Dr. Campbell published numerous research articles on how certain desert plants thrive in salty soil and how sensitive plant (Mimosa) and other legumes move their leaves. His 30 years of teaching in diverse environments included general biology courses at Cornell University, Pomona College, and San Bernardino Valley College, where he received the college's first Outstanding Professor Award in 1986. Most recently Dr. Campbell was a visiting scholar in the

Department of Botany and Plant Sciences at the University of California, Riverside. In addition to his authorship of this book, he coauthored *Biology: Concepts & Connections* and *Essential Biology* with Jane Reece. Each year, over 600,000 students worldwide use Campbell/Reece biology textbooks. Jane B. Reece has worked in biology publishing since 1978, when she joined the editorial staff of Benjamin Cummings. Her education includes an A.B. in Biology from Harvard University, an M.S. in Microbiology from Rutgers University, and a Ph.D. in Bacteriology from the University of California, Berkeley. At UC Berkeley and later as a post-doctoral fellow in genetics at Stanford University, her research focused on genetic recombination in bacteria. Dr. Reece taught biology at Middlesex County College (New Jersey) and Queensborough Community College (New York). As an editor at Benjamin Cummings, Dr. Reece played major roles in a number of successful textbooks. In addition to being a coauthor with Neil Campbell on *BIOLOGY*, *Biology: Concepts & Connections*, and *Essential Biology*, she coauthored *The World of the Cell*, Third Edition, with W.M. Becker and M.F. Poenie.

I tutor AP bio and after years of downloading the PDF version, I gave in and just bought the hardcover one. It's a great book! Really college-level in its detail (I went to med school and this is almost as detailed as that level of text). It's got beautiful photos and charts as well. And anyone worried about the editions "there really have not been major changes in most of the sections. Buying this earlier edition saves hundreds of dollars over the newest ones and it still does have sufficient accurate detail to keep up with modern biology.

I absolutely love this textbook, I'm writing this in the year 2015 as a biology major in a modern genetics class that uses a book printed in 2013 as well as a biochemistry class with a book from 2014 and I'm here to tell you that there is literally NOTHING that the Campbell's biology 7th edition is missing that is in the newer, more expensive versions. This book provides material covered in a variety of biology classes, it's an excellent introductory biology book for science majors and non science majors alike.

This is a solid introduction to the subject. Very detailed, nice photos and illustrations, taking one through this realm of knowledge step by step.

Campbell Biology is one of the better books I've ever used for learning and teaching introductory Biology. As a microbiology student, I really honestly wish that my introductory bio class had utilized

this book instead of Freeman Biological Sciences. Now as a tutor in this field and Chemistry, I use and will continue to use Campbell's excellent book as a guide and reference. The one downside, and this is on the publisher's end, is that not all the content I would like resides on the CD-ROM they provide; much of the best content listed on the disc is only linked to their website, which requires you buy a license/subscription/account to have access to. While it's very useful information, I'm not really capable now of adding a lot of expenses to my list (I'm a student...). To students of biology or microbiology who will be taking general biology this next semester or who will be entering next fall: this textbook is an excellent one, and is of great help. I would highly recommend you get this book along with your course required materials. You could get the brand new edition (much more expensive), or you could buy a used older edition like this one. Great either way. Hope this helps.

Biology with MasteringBiology (8th Edition) This is not the edition being reviewed (older edition I bought.) Also seems to have my name wrong! Oh well) However, I have been doing a self-study program with online courses (general Biology 1A and 1B UC Berkeley) that use this book and two other courses (DVD and MIT online) that use Scott Freeman's book and another use's Purves et al. The Campbell book is by far the easiest to understand because the writing is clear and does not add "extraneous" material, such as more people and history although there is some. It seems to give just the right amount of detail. At times it has clarified concepts in such a simple way (one line or sentence) that somehow the Freeman book makes so complex. I like the Purves book second. And the Freeman book third for its extra detail. I back up whatever comes up in class with Wikipedia articles, animation, and pictures anything I need more on and with Khan Academy (college prep) I did not have. I highly recommend this book for intro Biology animal and plants. The Campbell book also has better questions (than the others though not perfect) at the ends of the chapters. You cannot "guess" the answers as in the other books and have to be able to rule out each choice because you understand why they are not correct. This approach helps make sure you really got the chapter and develops critical thinking.

This book is simply incredible. If one were to study it in detail, one would have acquired the knowledge that is obtained in a first class four year school!, even as vast a subject that biology is. If one would complement its contents with the videos that are available on the Internet, one would not have to spend the ridiculous sums demanded by a four year college, which will unabashedly use foreign graduate assistants (complete with their halting English) to teach its undergraduates, while the tenured professors go out chasing grants so as to "publish or perish". Kudos to the authors. How

much can you put in a book! No wonder you need a crane to lift it! And kudos to the courageous publishers that have not spared any effort in putting such quality into this gigantic opus.

I love this book! I used it in my freshman year of undergraduate and I am one of those students that love being taught as if I were a 5 year old. I mean, this book doesn't treat you as a 5 year old exactly, but if I can learn from this book then anybody can. The explanations are not for smart people and it's like learning with training wheels, but its explanations are also deep which gives you great information. I am studying for the MCATs and some of the review books are just plain awful. I have to revert back to this Campbell's Biology book frequently to re-understand what is happening. It explains things much better because it treats you like a child, which is my forte of learning.

Awesome

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