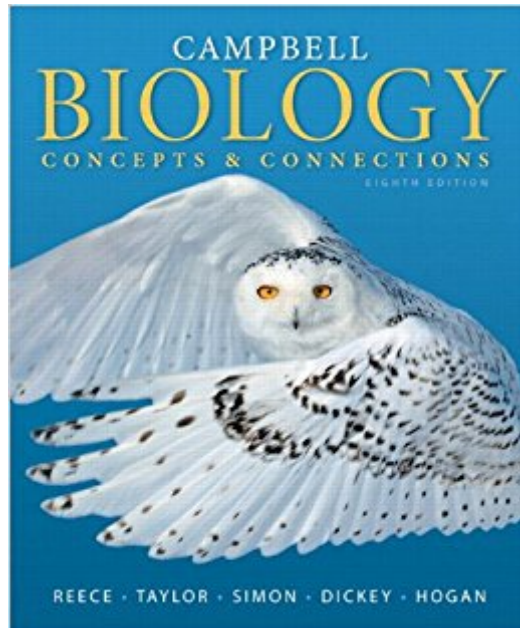




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# Campbell Biology: Concepts & Connections (8th Edition)



## Synopsis

NOTE: Access code is not included with this book. Intended for non-majors or mixed biology courses.

Soar to New Heights with Campbell Biology: Concepts & Connections! Campbell Biology: Concepts & Connections continues to introduce pedagogical innovations, which motivate students not only to learn, but also engage with biology. The Eighth Edition of this market-leading book builds on its hallmarks of accuracy, currency, and a dedication to revolutionizing teaching and learning solutions. This thorough revision focuses on providing instructors with the resources needed to invigorate the course and gives students the tools they need to succeed. This edition includes many new key figures to help students better visualize tough topics, while an increased emphasis on scientific thinking equips students to leave the course thinking like scientists. The book and MasteringBiology work together to create a classroom experience that enables students to succeed in biology. This program presents a teaching and learning experience for you. Engage in biology and make important connections between concepts and unifying themes: Immerse yourself in the world of biology with both the textbook and MasteringBiology, so you can understand the connections across biological concepts. Focus on scientific thinking: Think like scientists and develop scientific reasoning and literacy skills with new Scientific Thinking Modules and more. Maximize learning and success: Get the tools you need to become skilled at learning and understanding course material. MasteringBiology coaches you through tough topics and helps you to actively practice concepts they need to grasp. Note: You are purchasing a standalone product; MasteringBiology does not come packaged with this content. If you would like to purchase both the physical text and MasteringBiology search for ISBN-10: 0321885171/ISBN-13: 9780321885173. That package includes ISBN-10: 0321885325/ISBN-13: 9780321885326 and ISBN-10: 0321928059/ISBN-13: 9780321928054. MasteringBiology is not a self-paced technology and should only be purchased when required by an instructor.

## Book Information

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## Customer Reviews

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 (where she was initially a philosophy major), 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 postdoctoral 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). During her 12 years as an editor at Benjamin Cummings, she played a major role in a number of successful textbooks. She is lead author of *Campbell Biology* and co-author of *Campbell Essential Biology* and *Campbell Essential Biology with Physiology*. Martha R. Taylor has been teaching biology for over 35 years. She earned her B.A. in biology from Gettysburg College and her M.S. and Ph.D. in science education from Cornell University. She was assistant director of the Office of Instructional Support at Cornell for seven years. She has taught introductory biology for both majors and non-majors at Cornell University and is currently a lecturer in the Learning Strategies Center teaching supplemental biology courses. Based on her experiences working with students in classrooms, laboratories, and tutorials, Dr. Taylor is committed to helping students create their own knowledge of and appreciation for biology. She has been the author of the Student Study Guide for all nine editions of *Campbell Biology*. Eric J. Simon is an associate professor in the Department of Biology and Health Science at New England College in Henniker, New Hampshire. He teaches introductory biology to science majors and non-science majors, as well as upper-level courses in genetics, microbiology, tropical marine biology, and molecular biology. Dr. Simon received a B.A. in biology and computer science and an M.A. in biology from Wesleyan University and a Ph.D. in biochemistry from Harvard University. His research focuses on innovative ways to use technology to improve teaching and learning in the science classroom, particularly for non-science majors. Dr. Simon is the lead author of *Campbell Essential Biology* and *Campbell Essential Biology with Physiology*. Jean L. Dickey is a professor of biology at Clemson University. She had no idea that science was interesting until her senior year in high school, when a scheduling problem landed her in an advanced biology course.

Abandoning plans to study English or foreign languages, she enrolled in Kent State University as a biology major. After receiving her B.S. in biology, she went on to earn a Ph.D. in ecology and evolution from Purdue University. Since joining the faculty at Clemson in 1984, Dr. Dickey has specialized in teaching non-science majors, including a course designed for pre-service elementary teachers and workshops for in-service teachers. She also developed an investigative laboratory curriculum for general biology. Dr. Dickey is author of *Laboratory Investigations for Biology* and co-author of *Campbell Essential Biology* and *Campbell Essential Biology with Physiology*.

*BIOLOGY Concepts and Connections*, by Campbell, Reece, Taylor, Simon and Dickey is a very well written college text book on the study of life on earth. The book is well illustrated with hundreds of diagrams, charts and photos which make the text easier to understand. All classes of biologic life are discussed in detail and I especially liked the chapters on Evolution and human Evolution which are sometimes glossed over in works by other authors. The study of life on earth covers a vast range in subject matter, thus having a multitude of authors ensures expertise over a broader range of subjects. This, the 6th edition 2009 is new enough for all but the most serious studies. It is vastly superior to the college biology texts that I used when in college in the 1950s. It can also be obtained for only a fraction of the cost of newer editions. Whether a student or anyone else interested in the nature of life on earth, this book will provide a wealth of knowledge and understanding.

Great book! Bought it used from Warehouse Deals and was a little worried at what quality I would get since it said "Acceptable" condition. None the less, the book I received is brand new! It was actually still wrapped in foil when I got it. I looked through it and it seems no one has ever used it, the pages are blank and look unused. I already pretty much knew I wouldn't receive a MasteringBiology access code and was planning on buying one (no biggie), but as I was flipping through the book I found an unopened one! It was completely sealed and the code still covered up (you have to scratch the area in order to see your code). I haven't used it yet since I bought the book for the upcoming fall semester but I will sure do so once it starts. I couldn't be more happy with my decision to buy used. I received a brand new \$200+ textbook (at my college bookstore) for under \$70!

You're probably just assigned to get this book and don't really care about the review, but it is a good textbook, one of the very few that I actually read in college. It's probably worth the investment just in case you get a crummy professor and need to learn the material on your own. There is a 10th

edition of this book, but the information is practically the exact same so if you have a choice, go with the cheaper option. This is a length book and the binding can be fragile so just be careful to not put it under too much physical strain.

Second time sent without access card... Would not bother. This one you should by new.

I bought the loose leaf version. Glad I did. Textbook is 1250+ pages, so VERY HEAVY! With loose-leaf, I can carry around just what I need to focus on for study, and not break my back with the burden of the hardback book! Also, I bought the USED 10th edition (1 prior to the class preferred text) so I saved over \$250! Whatever is new in the 11th edition, I can find online or substitute some other way....

As far as textbooks go, this one was extremely helpful. It's organized in a way that an early level biology student can understand but with enough detail that the book can be used later on in your educational career. It's very easy to follow and I've used it several times since passing the class it was required for. Would recommend it.

Wish I ordered this one the first time. It was delivered when promised and was the correct edition. I ordered from someone else previously and was sent the wrong edition. I liked this particular version of the book as it is made for a 3 ring binder, making it easy to use only the chapters needed for class. Beats carrying a massive book to class and makes it easier to find the content needed, because your flipping through fewer pages. I totally recommend this version of the book.

I'm a middle-aged computational linguist, and I bought this book after a fascinating conversation with my doctor about the advances made in biology in recent years due primarily to cancer and AIDS research. I want to learn important things that mankind has understood before I have to leave the planet. I thought I was going to have to pull myself together to read this heavy stuff, but not at all. For me, this is a page turner. I couldn't wait for my commute so I could sit in a corner and read my book. I have to say I am left totally BLOWN AWAY by what we have come to understand about biology -- both the details as well as the bigger picture. Had I been younger when I picked it up, I would not have appreciated as much the skill with which the authors present the material. The order and manner in which concepts are introduced have obviously been honed over decades of experience -- first the major themes which tie the field together, a complete and painless high school

chemistry course placed so you sense why you're going to need it, the critical role that water plays in making life possible. An overarching description of what energy is and how it functions precedes an attempt to discuss cellular respiration and photosynthesis, so that you're primed not to lose the forest for the trees. You really feel like you sense how it works, and if you're paying attention at all, you can't help but come away with admiration for the community of scientists who made it happen. I feel better about the human race, and am left sensing the magnificence of this achievement in the greater scheme of things. The whole of biology is presented pretty comprehensively. I left the book feeling that I got what I came for. But oddly the biggest thing I take away from this book is a deep impression of the astounding machine that I have been given to use in this life. You can't help waking up each morning hoping to be worthy of it.

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