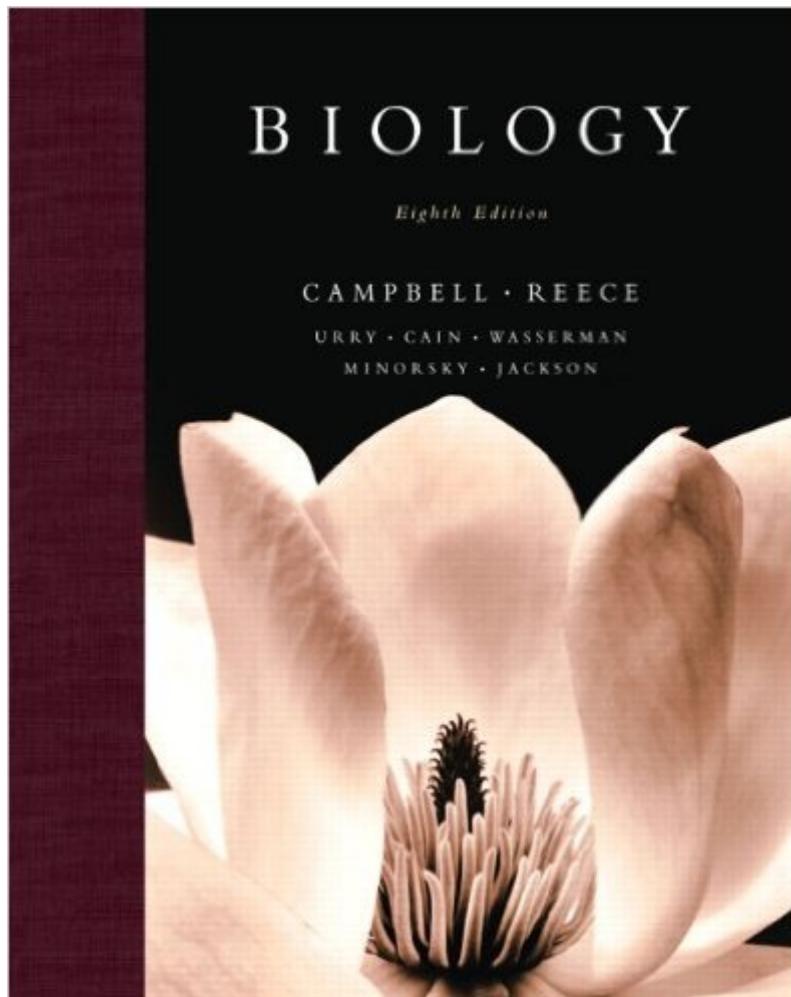


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# Biology, 8th Edition



## **Synopsis**

**Key Message:** The best-selling biology textbook in the world just got better! Neil Campbell and Jane Reece's BIOLOGY is the unsurpassed leader in introductory biology. The book's hallmark values—accuracy, currency, and passion for teaching and learning—have made Campbell/Reece the most successful book for readers for seven consecutive editions. More than 6 million readers have benefited from BIOLOGY's clear explanations, carefully crafted artwork, and student-friendly narrative style.

**Key Topics:** Introduction: Themes in the Study of Life, The Chemical Context of Life, Water and the Fitness of the Environment, Carbon and the Molecular Diversity of Life, The Structure and Function of Large Biological Molecules, A Tour of the Cell, Membrane Structure and Function, An Introduction to Metabolism, Cellular Respiration: Harvesting Chemical Energy, Photosynthesis, Cell Communication, The Cell Cycle, Meiosis and Sexual Life Cycles, Mendel and the Gene Idea, The Chromosomal Basis of Inheritance, The Molecular Basis of Inheritance, From Gene to Protein, Control of Gene Expression, Viruses, Biotechnology, Genomes and Their Evolution, Descent with Modification: A Darwinian View of Life, The Evolution of Populations, The Origin of Species, The History of Life on Earth, Phylogeny and the Tree of Life, Bacteria and Archaea, Protists, Plant Diversity I: How Plants Colonized Land, Plant Diversity II: The Evolution of Seed Plants, Fungi, An Introduction to Animal Diversity, Invertebrates, Vertebrates, Plant Structure, Growth, and Development, Transport in Vascular Plants, Soil and Plant Nutrition, Angiosperm Reproduction and Biotechnology, Plant Responses to Internal and External Signals, Basic Principles of Animal Form and Function, Animal Nutrition, Circulation and Gas Exchange, The Immune System, Osmoregulation and Excretion, Hormones and the Endocrine System, Animal Reproduction, Animal Development, Neurons, Synapses, and Signaling, Nervous Systems, Sensory and Motor Mechanisms, Animal Behavior, An Introduction to Ecology and the Biosphere, Population Ecology, Community Ecology, Ecosystems, Conservation Biology and Restoration Ecology.

**Market Description:** For readers interested in learning the basics of Biology.

## **Book Information**

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Average Customer Review: 4.4 out of 5 stars [See all reviews](#) (143 customer reviews)

Best Sellers Rank: #9,338 in Books (See Top 100 in Books) #17 in Books > Science & Math > Science for Kids #38 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Biology #81 in Books > Science & Math > Biological Sciences > Biology

## Customer Reviews

The 8th edition of this Biology book is great. It has many pictures, diagrams, and charts that make the reading much easier. Also, it has end of section reviews that help to absorb the material. If you are required to purchase the 9th edition- don't bother. When comparing this version to a classmate's, I noticed that the text and charts were essentially the exact same. The 9th edition has nearly the exact same content, except some diagrams may have different colors or be located on different places on the page. So, if you already have the 8th edition or can find it somewhere for a lower price than the 9th, there is no need for the 9th edition.

I purchased this book about 3/4 weeks ago and I am very happy with it. I am actually not a student - I'm in my mid 20's and work full-time with a house, wife, dog etc. However, I do have a passion for a wildlife and natural history and decided to buy this book so that I could casually learn more about the living creatures of our world and how they function. I have no formal background in Biology, yet I have been able to pick up this book and start reading straight away. I have just finished Chapter One (page 25 of 1300!) and still have a very long way to go, but have learnt a lot already. This may not be for the younger crowd (under 15yrs), as there is SOME terminology in here that youngsters may not quite understand. But for students and casual learners alike that simply want to learn about Biology, this is an excellent book. It has everything in here you could ever need. The graphs, pictures and diagrams are also very clear and concise. Buy this book and expand your craniums!

This book is so jam-packed with information that I had two professors use it for completely separate biology classes. Well written and organized which is really nice when it comes time to take notes and study for tests.

I think this is a must have for any Bio or Healthcare majors. I can't review with pros and cons like other products so I will just do a quick review. I am a Bio Major and a Physician Assistant career in mind. I purchased this book for my Bio 101 class in my freshman year. At the time, the latest edition is the

9th edition and this book is the 8th edition. I emailed my professor to ask if I could use the 8th edition instead of the 9th edition and he told me it was okay. He told me that most textbooks don't change much from one edition to another. They just change the cover and some of the minor contents like the graphics and put on a higher price tag. I went ahead and purchased it. I think I paid around \$7 for this one and I honestly don't know how it was possible given the price of a new one. The book arrived in a new condition BUT the cool thing is that it came with a CD that gives you access to online services such as textbook, and the textbook is the 9th edition, practice tests, quizzes and flashcards. How amazing is that?! I don't think I am qualified enough to give a throughout assessment of the content of the book but I don't think I have ever heard anyone complain about the content of it. Personally, I love it!! I love how well organized and easy to understand the content of the book is. The graphics explains the text very well. It has to be one of the best if not the best textbook ever written for Cellular and Molecular Biology courses. It's been 2 years since I purchased the book and I still have it in great condition. I'm planning to keep it just in case I want to look up something. I would highly recommend it if you just want to learn about Cellular and Molecular Biology if your professor doesn't use this textbook, which is a shame.

if you were asked to get the 9th edition by your instructor, this book is much more budget friendly. it is identical to the 9th in every way except minor grammatical differences and only 1% of new images/charts are not included (possibly due to the information having been discovered after this edition was published). all i can say is my professor taught using the 9th edition, i used the 8th, saved lots of cash and got a 100% (just don't forget to cross-reference when needed).

I had to use this book for a college intro biology class. It's a good book as far as biology books go (and I've had to take a fair number of biology courses!). It's outdated now, but when I used it a few years ago it certainly did its job.

The seminal biology textbook! Even though I am not in college anymore, I still keep my copy because I find myself going back to refresh. I would highly recommend to students that they buy this book (and not rent it).

My AP Biology class uses this book. I love it. It provides lots of great examples for things. The diagrams of processes and other things are absolutely wonderful. The material is thoroughly explained, but in an easily understandable way. It is a little on the large side, but I've gotten used to

it and now I barely notice the size. It is well organized, and has periodic quizzes throughout the sections and chapters that are very useful for studying and learning. I highly recommend this book!

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