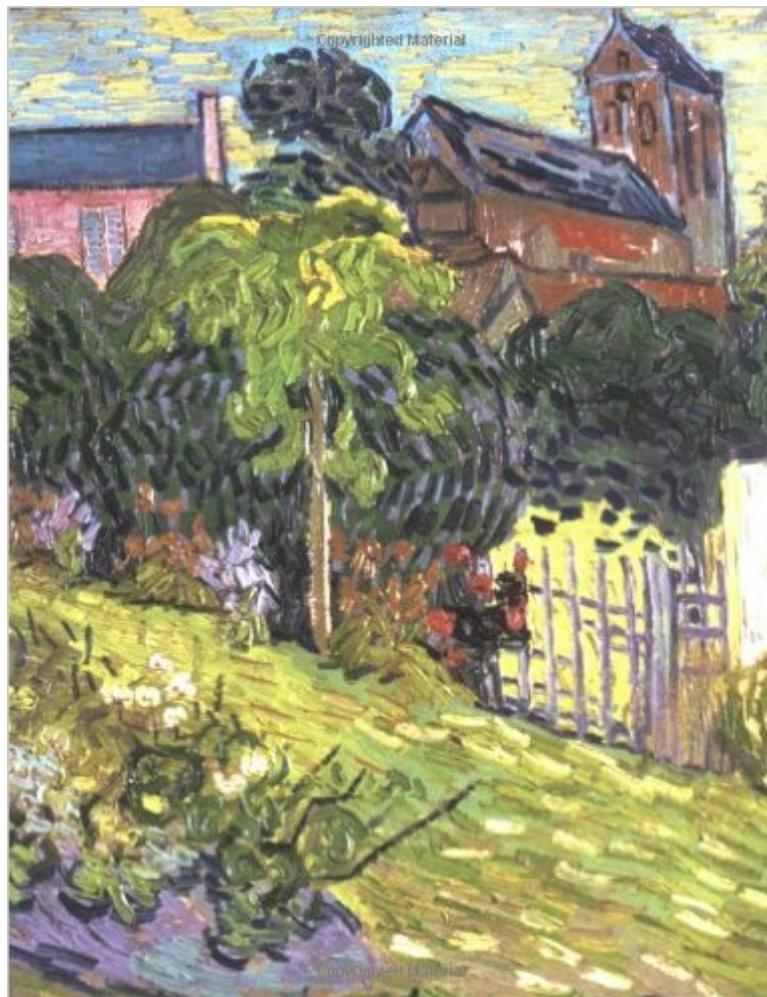


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# Biology Of Plants



## **Synopsis**

This introduction to botany has been revised and completely reorganized - from the molecular and cellular through the whole organism to the ecosystem. The authors emphasize the relationships between growth and development, and structure and function, within the all-pervading themes of evolution and ecology. Features of the 6th edition include: coverage of diversity informed by recent sequencing studies and cladistic analyses; inclusion of current advances due to molecular techniques and biotechnology; and new material on ethnobotany and medicinal plants. There are various supplements for this product.

## **Book Information**

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## **Customer Reviews**

I am a self-taught biology student with a special interest in botany. I've read sections of and otherwise skimmed all the plant biology texts printed in the past 40 years. This book is the one I bought for myself and read cover to cover and still refer to often. I recommend it highly, the more so for the solo reader.

Biology of Plants. This to me is one of the finest undergraduate texts on botany that I have been able to find. The explanations are extremely lucid and the diagrams and photographs are excellently researched and displayed. This book because of its clarity, maybe used by the general public and as a source of fascinating information into the world of plants. Not only is the anatomy and physiology well covered by the authors, but they delve into diversity, genetics and also cover the

fundamentals of primary and secondary metabolism and area that is of real importance to those studying vegetarianism, food phytochemistry, nutrition and herbal medicine. It is a must for those who can afford to spend that little bit extra on a contemporary botanical text.

This is one of the few text books I kept after the class. It's an invaluable general botany reference. The text is very readable, yet covers the material in great depth, which is no small feat considering the scope of the book.

Been out of college for a looong time and found this to be an excellent way to refresh my memory. I am using the book as an independent study kinda thing.... The text starts with the basics in a logical and progressive way before taking on more advanced topics. Although the first couple intro chapters cover a LOT of material (organic chem bonding) very fast, it is proving to be an easy to understand and enjoyable look at plant biology. I'm glad to have it!

I originally bought this text as a supplement for a Botany course that failed to take last semester. Even though the class didn't take, I kept the book planning to read over sections when I had the chance to prepare for graduate school. I started reading chapter 1 on a Monday and finished reading the book that Friday. It is an excellently written text that I would recommend for anyone with a solid background in biology and an interest in botany to read. It honestly was hard to put down.

The newest edition skips out on the chapters on ecology. This edition has it all. However new research on photosynthesis is obviously not included in this edition. Remember that you can look at much of the newest edition of this book as a preview in Google books.

This book is great for gardeners like me who want to learn more about plants and how they work. It has a lot of graphs, pictures and charts to explain ideas and definitions. It is a text book, and as such is really big and very heavy. Not something to carry out in the field, that's for sure, but a great reference book.

Compared to my newer textbook "Biological Science" by Scott Freeman, this textbook is a bit clunky. While this textbook has the advantage of being focused on plants only, my other textbook explained photosynthesis SO much more clearly (And wikipedia explained the concepts yet even more clearly. Haha). So if your class requires this, having it is obviously important. But if you wanted

to teach yourself or are just curious, I believe there are better sources of the information out there.

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