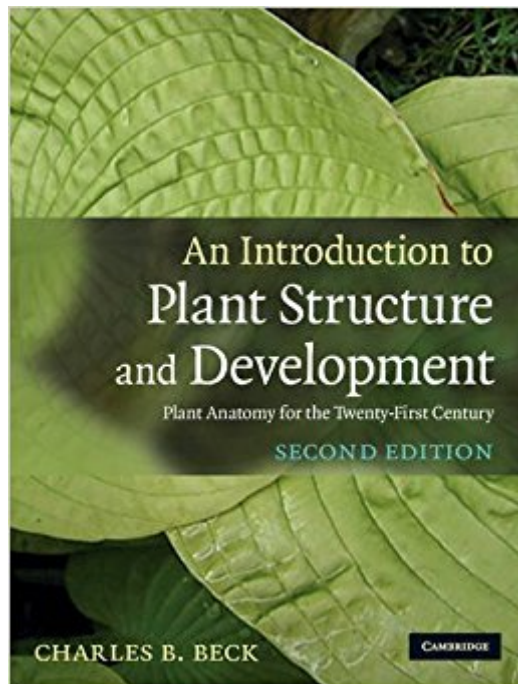




**Ebook Directory**  
the best source of ebook

**The book was found**

# **An Introduction To Plant Structure And Development: Plant Anatomy For The Twenty-First Century**



## Synopsis

A plant anatomy textbook unlike any other on the market today. Carol A. Peterson described the first edition as 'the best book on the subject of plant anatomy since the texts of Esau'. Traditional plant anatomy texts include primarily descriptive aspects of structure, this book not only provides a comprehensive coverage of plant structure, but also introduces aspects of the mechanisms of development, especially the genetic and hormonal controls, and the roles of plasmodesmata and the cytoskeleton. The evolution of plant structure and the relationship between structure and function are also discussed throughout. Includes extensive bibliographies at the end of each chapter. It provides students with an introduction to many of the exciting, contemporary areas at the forefront of research in the development of plant structure and prepares them for future roles in teaching and research in plant anatomy.

## Book Information

Hardcover: 459 pages

Publisher: Cambridge University Press; 2 edition (May 24, 2010)

Language: English

ISBN-10: 0521518059

ISBN-13: 978-0521518055

Product Dimensions: 7.4 x 1 x 9.7 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars 4 customer reviews

Best Sellers Rank: #327,370 in Books (See Top 100 in Books) #162 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany #289 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology #489 in Books > Science & Math > Biological Sciences > Botany

## Customer Reviews

Praise for the first edition: "It is the best book on the subject of plant anatomy since the texts of "Esau...can serve equally well as a text...or as a reference for researchers." Carol A. Peterson, *Annals of Botany*"A fabulous and important contribution that needs to be read by anyone who calls himself or herself a botanist." Karl J. Niklas, Liberty Hyde Bailey Professor of Plant Biology, Cornell University"An Introduction to Plant Structure and Development: Plant Anatomy for the Twenty-first Century is a significant and informative synthesis. Those interested in plant structure are likely to find it a valuable reference worth owning, For me, it is already proving its usefulness in both teaching

and research." William B. Sanders, Florida Gulf Coast University for Plant Science Bulletin

A complete introduction to plant anatomy for undergraduates, with comprehensive coverage of basic plant structure and contemporary aspects of plant development. In addition, discussions of the mechanisms of development, the roles of the cytoskeleton, the evolution of plant structure and the relationship between structure and function occur throughout the book.

This book saves my life on a regular basis. Simple, straightforward but detailed explanations of developmental processes. Barebones illustrations, much of them black and white or line drawings keep it simple. If you want amazing color images you can always google them. This book packs in a lot of information in a clear, concise way and the index is very well organized.

This book is written in very complex technical language, absolutely not suitable for anyone outside the field. The author does not bother to write summaries, generalizations or simplifications. Literally hundreds of micrographs are a minimal aid in gaining an understanding of the subject. If you want to learn all the technical terms, this book is for you. If you don't, buy another book.

Feels like it is written for an undergraduate/young graduate audience, but can be used as a reference by all.

Great overview of plant structure and anatomy but I can't help but give 4 stars due to Cambridge Press' lack of pictorial imagination!

[Download to continue reading...](#)

An Introduction to Plant Structure and Development: Plant Anatomy for the Twenty-First Century  
General Intellects: Twenty-Five Thinkers for the Twenty-First Century Last Harvest: From Cornfield  
to New Town: Real Estate Development from George Washington to the Builders of the  
Twenty-First Century, and Why We Live in Houses Anyway Sword of the Lord: Military Chaplains  
from the First to the Twenty-First Century (Critical Problems in History) Europe Today: A  
Twenty-first Century Introduction Nolte's The Human Brain: An Introduction to its Functional  
Anatomy With STUDENT CONSULT Online Access, 6e (Human Brain: An Introduction to Its  
Functional Anatomy (Nolt) The Julia Rothman Collection: Farm Anatomy, Nature Anatomy, and  
Food Anatomy Solution Key for Algebra and Trigonometry: Structure and Method: Book 2  
(McDougal Littell Structure & Method) Advanced Organic Chemistry: Part A: Structure and

Mechanisms: Structure and Mechanisms Pt. A American Horticultural Society Plant Propagation: The Fully Illustrated Plant-by-Plant Manual of Practical Techniques Sex and the Constitution: Sex, Religion, and Law from America's Origins to the Twenty-First Century On Heaven and Earth: Pope Francis on Faith, Family, and the Church in the Twenty-First Century Food, Farms, and Solidarity: French Farmers Challenge Industrial Agriculture and Genetically Modified Crops (New Ecologies for the Twenty-First Century) Crime and Punishment in Islamic Law: Theory and Practice from the Sixteenth to the Twenty-First Century (Themes in Islamic Law) Tearing the World Apart: Bob Dylan and the Twenty-First Century (American Made Music Series) The Great Leveler: Violence and the History of Inequality from the Stone Age to the Twenty-First Century (The Princeton Economic History of the Western World) How Real Estate Developers Think: Design, Profits, and Community: The City in the Twenty-First Century The Origins of the Modern World: A Global and Ecological Narrative from the Fifteenth to the Twenty-first Century, 2nd Edition (World Social Change) Days of Awe and Wonder: How to Be a Christian in the Twenty-first Century The Future of Power: Its Changing Nature and Use in the Twenty-first Century

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)