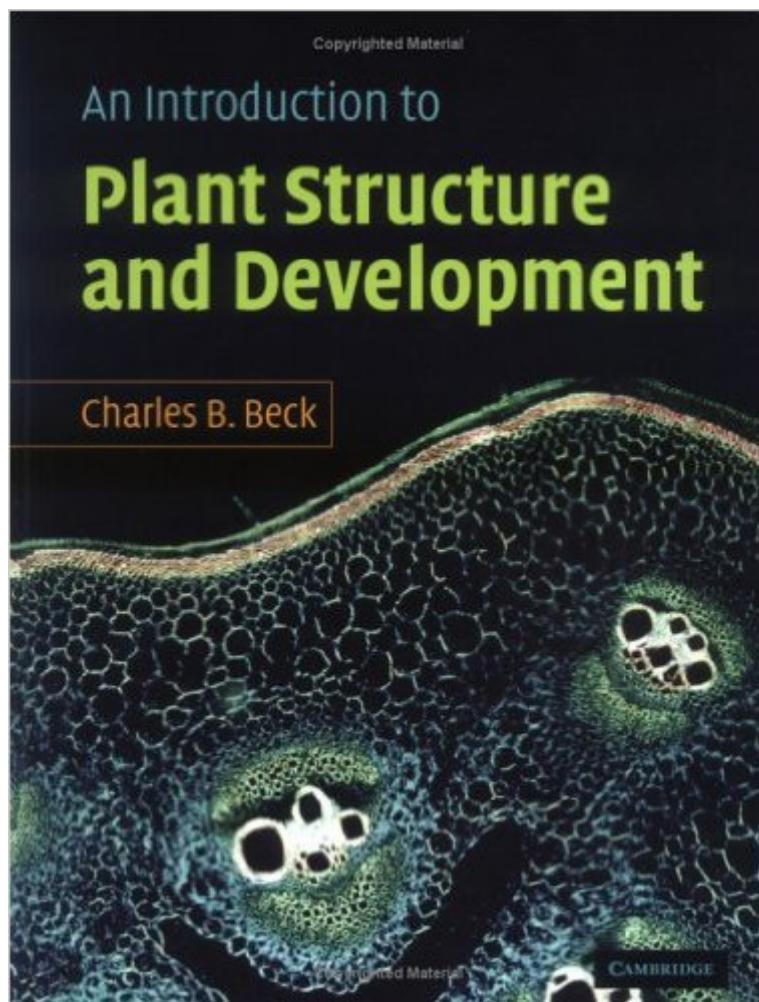


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# An Introduction To Plant Structure And Development: Plant Anatomy For The Twenty-First Century



## Synopsis

Unlike many other plant anatomy textbooks, the 18 chapters in this volume incorporate information from the latest research in cellular and molecular biology as related to plant development. Topics include the integrative significance of plasmodesmata and the concept of the symplast, the concept of multicellularity, the role of the cytoskeleton in development, signal transduction, and the genetic control of development. Brief sections on evolution and function are also included. The textbook has been designed for undergraduate and graduate students with a basic knowledge of plant science. .

## Book Information

Hardcover: 450 pages

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Average Customer Review: 4.2 out of 5 starsÂ  [See all reviewsÂ](#) (4 customer reviews)

Best Sellers Rank: #831,822 in Books (See Top 100 in Books) #444 inÂ  Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany #1141 inÂ  Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Anatomy & Physiology #1312 inÂ  Books > Science & Math > Biological Sciences > Botany

## Customer Reviews

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

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.

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