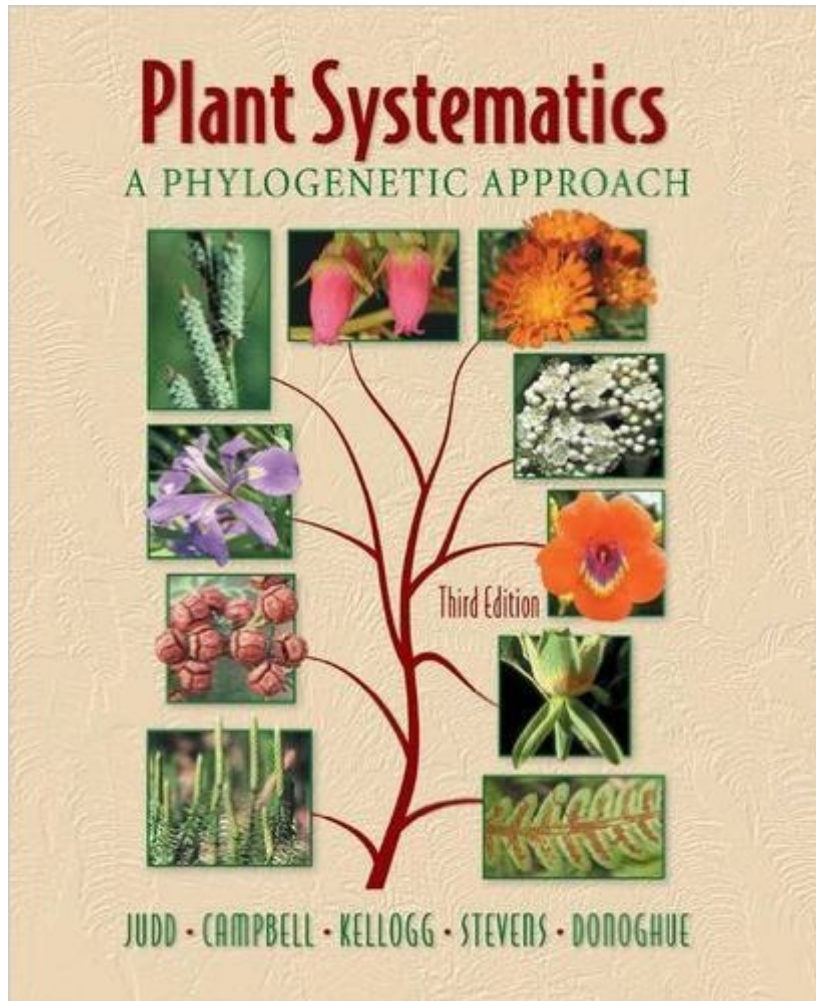


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Plant Systematics: A Phylogenetic Approach, Third Edition



Synopsis

A comprehensive introduction to vascular plant phylogeny, the Third Edition of Plant Systematics reflects changes in the circumscription of many orders and families to represent monophyletic groups, following the most recent classification of the Angiosperm Phylogeny Group. The taxonomic evidence described includes data from morphology, anatomy, embryology, chromosomes, palynology, secondary plant compounds, proteins, and DNA. Molecular taxonomic methods are fully presented, as are the results of many recent studies, both molecular and morphological. A chapter on the history of plant classification puts current systematic methods into historical context. Issues relating to variation in plant populations and species, including speciation and species concepts, polyploidy, hybridization, breeding systems, and introgression are carefully considered. Appendices cover botanical nomenclature as well as field and herbarium methodology. The text is copiously illustrated, using in large part the informative analytical drawings developed as part of the Generic Flora of the Southeastern United States project.

Book Information

Hardcover: 620 pages

Publisher: Sinauer Associates; 3rd edition (July 31, 2007)

Language: English

ISBN-10: 0878934073

ISBN-13: 978-0878934072

Product Dimensions: 10.8 x 8.5 x 1.2 inches

Shipping Weight: 3.6 pounds

Average Customer Review: 4.7 out of 5 starsÂ Â See all reviewsÂ (7 customer reviews)

Best Sellers Rank: #294,501 in Books (See Top 100 in Books) #9 inÂ Books > Science & Math > Biological Sciences > Taxonomic Classification #120 inÂ Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany #407 inÂ Books > Science & Math > Biological Sciences > Botany

Customer Reviews

This book is the epitomy of Phylogenetic information for anyone interested in Botany. I got this for a University Plant Taxonomy class, but I use it all the time for reference. A lovely CD accompanies this book and is an additional assistance to study. I wouldn't be without this book. It also arrived in perfect condition, packed really nice, and FAST, too. And at a much better price than other sellers, thank you very much for the opportunity to purchase this great botanical book !

This is just the book I've been looking for. I'm an amateur botanist of sorts, interested in trees and their lineages, but could never find a book that went very far past the genus and family, with practically nothing on the overall shifts in cladistics. This book has only a small amount on each genus or family, but it's more than I'm used to, and the explanatory chapters are fine. (Yes, tough reading, but this is current botany!)

The book is good. The print quality, especially the colour picture is not as good as the former copy.

Very useful book, great pics, plus it has recipes.

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