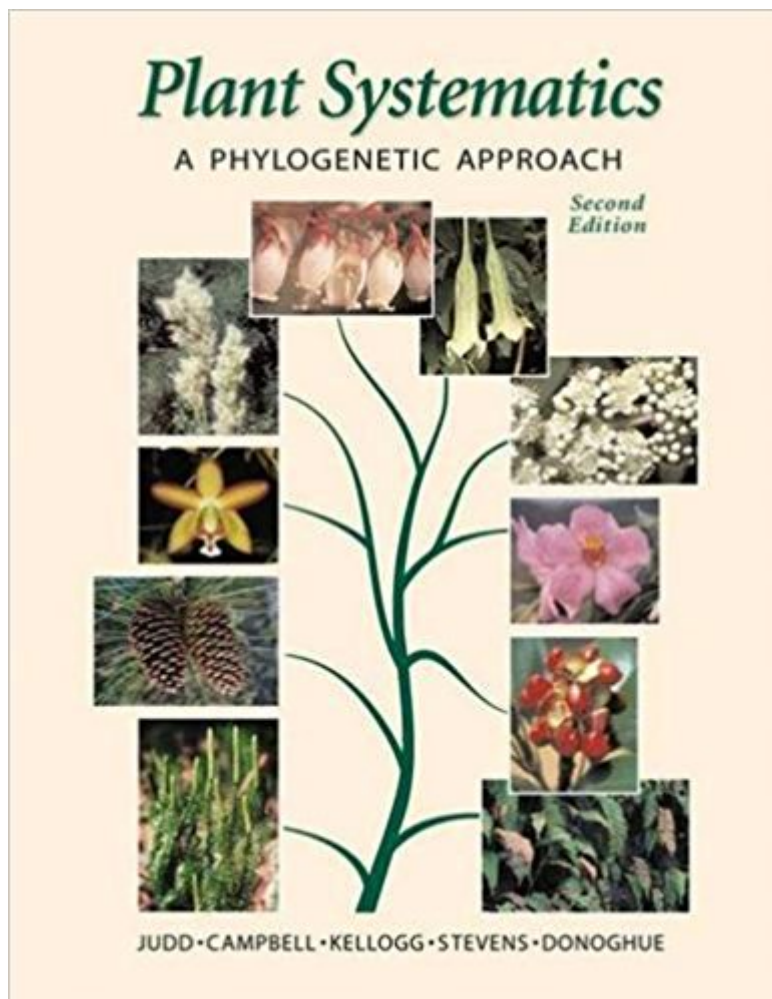




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# Plant Systematics: A Phylogenetic Approach With CDROM



## Synopsis

Incorporating phylogenetic principles and methods throughout, this text moves from the careful explanation of phylogenetic methods and principles to the taxonomic survey of vascular plant families. A much expanded CD-ROM is included, containing over 2,200 colour photographs illustrating the diagnostic characters of plant families covered in the text. Appropriate for any course devoted to the systematics of plants, this text assumes no prerequisites other than introductory botany or biology.

## Book Information

Hardcover: 576 pages

Publisher: Sinauer Associates; 2nd edition (July 2002)

Language: English

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Product Dimensions: 1.2 x 9 x 11.5 inches

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Average Customer Review: 4.4 out of 5 stars 9 customer reviews

Best Sellers Rank: #393,326 in Books (See Top 100 in Books) #15 in Books > Science & Math > Biological Sciences > Taxonomic Classification #189 in Books > Science & Math > Biological Sciences > Plants > Flowers #196 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Botany

## Customer Reviews

" ... There is much to laud in this work." -- Mark Fishbein, The Quarterly Review of Biology

WALTER S. JUDD, University of Florida. - CHRISTOPHER S. CAMPBELL, University of Maine. - ELIZABETH A. KELLOGG, University of Missouri. - PETER F. STEVENS, University of Missouri. - MICHAEL J. DONOGHUE, Yale University, USA.

Helped me pass a class!

Bought this for my school, and purchase this one instead of the most recent copy! the changes are almost nonexistent!

I was required to get this for a class and kept it as a personal reference because it was such a good presentation of the information

Excellent condition

Very helpful book

Exactly as described. Thanks!

The listing on specified "with CDROM" which implied that it was the 3rd edition. Instead a 2nd edition was delivered which included no CDROM. Moreover, all illustrations are black and white line drawings with a few B&W photos of people. The CD would have made all the difference.

The second edition (2002) has been much expanded (from 464 to 576 pages) and has been adjusted to keep up with the (headlong) developments in this field. It also includes more descriptions of families. In some ways the book has not changed. The same illustrations were used giving it the same look. It remains an introductory book, that although set up along the lines of a system book is only of limited use as such, since coverage is far from complete. The Appendix on "Botanical nomenclature" is still a soft spot. Not only is the (badly) erroneous bit on the naming of cultivated plants still there, but the slanted view of the ICBN has worsened (the ICBN even being called "Linnaean"! ) and the PhyloCode is plugged. However this remains the foremost textbook for those wanting a start in plant taxonomy, a field that is changing ever more rapidly. The third edition (2007) is expanded yet again (to 612p). The most noticeable changes are the introduction of color, and a different, thinner kind of paper for the pages. Although it has more pages, the third edition is slimmer than the second. The printing quality of the (newly introduced) color photographs is quite decent, probably better than in the book by Simpson, although that has more photographs. In addition color is used to support the text and the occasional diagram, making this a brighter-looking book than the second edition. The system followed is based on APG II (2003), while the second edition was close to APG I (1998) and included such families as Cecropiaceae and Celtidaceae, which now are out. A change from APG II is in the clade names such as fabids (instead of eurosids I) and campanulids (instead of euasterids I) which certainly is more user friendly. Nevertheless, there is a strong continuity with the second edition, using the same line drawings as the main illustrations and with much of the text essentially the same.

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