



Plant Structure: Function and Development

By John A. Romberger, Zygmunt Hejnowicz, Jane F. Hill

The Blackburn Press, United States, 2004. Paperback. Book Condition: New. 223 x 150 mm. Language: English Brand New Book ***** Print on Demand *****.Originally published in 1993, and long out-of-print, this book has become a classic. The book covers the developmental anatomy of large, complex plants, particularly of perennial shrubs and trees that grow and survive for decades and centuries. The book is focused on the meaning of that anatomy, the integrated structure, as a determinant of effective function. A pervading theme is that the plant structures that have survived evolution within the larger context of geologic and climatic evolution are well attuned to biochemical and biophysical principles that determine and define efficient function. This book is intended for those who have already studied the anatomy and development of plants. It is addressed to advanced students, teachers and researchers in the broad, interrelated fields of botany, forestry, horticulture and agronomy, and to others having professional interests in the culture of woody plants and the stewardship of ecosystems. It is especially addressed to those who, by study and research, seek to narrow the wide gap between the cellular and molecular biology approaches to understanding the format and content of inherited information,...



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