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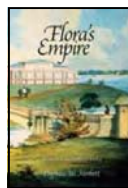
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Horticulture

FLORA'S EMPIRE *British Gardens in India* | Eugenia W. Herbert

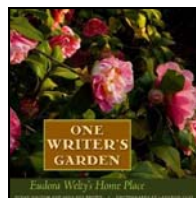
Like their penchant for clubs, cricket, and hunting, the planting of English gardens by the British in India reflected an understandable need on the part of expatriates to replicate home as much as possible in an alien environment. In *Flora's Empire*, Eugenia W. Herbert argues that more than simple nostalgia or homesickness lay at the root of this "garden imperialism," however. Drawing on a wealth of period illustrations and personal accounts, many of them little known, she traces the significance of gardens in the long history of British relations with the subcontinent. To British eyes, she demonstrates, India was an untamed land that needed the visible stamp of civilization that gardens in their many guises could convey. **University of Pennsylvania Press | 08/2011 | cloth | 9780812243260 | \$56.25**



ONE WRITER'S GARDEN *Eudora Welty's Home Place*

Susan Haltom & Jane Roy Brown | Photographed by Langdon Clay

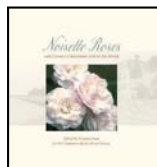
By the time she reached her late twenties, Eudora Welty (1909-2001) was launching a distinguished literary career. She was also becoming a capable gardener under the tutelage of her mother, Chestina Welty, who designed their modest garden in Jackson, Mississippi. From the beginning, Eudora wove images of southern flora and gardens into her writing, yet few outside her personal circle knew that the images were drawn directly from her passionate connection to and abiding knowledge of her own garden. Near the end of her life, Welty still resided in her parents' house, but the garden-and the friends who remembered it-had all but vanished. When a local garden designer offered to help bring it back, Welty began remembering the flowers that had grown in what she called "my mother's garden." By the time Eudora died, that gardener, Susan Haltom, was leading a historic restoration. When Welty's private papers were released several years after her death, they confirmed that the writer had sought both inspiration and a creative outlet there. This book contains many previously unpublished writings, including literary passages and excerpts from Welty's private correspondence about the garden. **University Press of Mississippi | 09/2011 | cloth | 9781617031199 | \$43.75**



NOISLETTE ROSES *Nineteenth-Century Charleston's Gift to the World* Ed. Virginia Kean

Utilizing nearly one hundred illustrations, this is the first American book-length history and analysis of the Noisettes, a class of rose born in Charleston not long after the American Revolution. The first Noisette rose was raised by South Carolina rice planter John Champneys as a hybrid seedling from the China rose "Parson's Pink" and the autumn-flowering musk rose, resulting in a vigorous climber that produces magnificent clusters of small pink flowers from spring to fall. Variations developed as the Noisettes grew in international popularity. Now an expert group of international contributors takes up the task of telling the story of this unique botanical contribution in a manner that appeals to lovers of old roses, amateur and professional gardeners, Southern history enthusiasts, and admirers of historical Southern gardens.

University of South Carolina Press | 2010 | paper | 9780615251110 | \$21.25



DESIGNING GARDENS WITH FLORA OF THE AMERICAN EAST | Carolyn Summers

Gardeners, with all good fortune and flora, are endowed with love for a hobby that has profound potential for positive change. The beautifully illustrated *Designing Gardens with Flora of the American East* approaches landscape design from an ecological perspective, encouraging professional horticulturalists and backyard enthusiasts alike to intensify their use of indigenous or native plants. These plants, ones that grow naturally in the same place in which they evolved, form the basis of the food web. Wildlife simply cannot continue to survive without them-nor can we. Emphasizing the importance of indigenous plant gardening and landscape design, Summers provides guidelines for skilled sowers and budding bloomers.

Rutgers University Press | 2010 | paper | 9780813547077 | \$29.95



GENETICALLY MODIFIED CROPS 2nd Edition | Nigel G Halford

Plant molecular biology came to the fore in the early 1980s and there has been tremendous growth in the subject since then. This book covers the history and development of the science and techniques that underpin plant biotechnology. It describes the GM crops that are or have been grown commercially around the world, including failures as well as successes, and the new varieties that are being developed. The safety record of GM crops is reviewed together with the legislation that has been adopted to cover their use. The book also deals with the concerns of consumers, the GM crop debate and the prospects for the technology. In the second edition, sections on current GM crops and future developments in plant biotechnology have been greatly expanded, while those on techniques, legislation and the GM crop debate have also been updated.

World Scientific Books | Oct 2011 | cloth | 9781848168381 | \$85.00



A GUIDE TO MEDICINAL PLANTS An Illustrated, Scientific and Medicinal Approach

Koh Hwee Ling, Chua Tung Kian, & Tan Chay Hoon

This book presents up-to-date information on a total of 75 native and non-native medicinal plants growing in Singapore. Comprehensive and useful information from the published literature – including plant descriptions and origins, traditional medicinal uses, phytoconstituents, pharmacological activities, adverse reactions, toxicities, and reported drug-herb interactions – is presented in an easy-to-read manner for easy and quick reference. There is no minimum level of knowledge required to read this book, and botanical and medical glossaries are also provided for readers' convenience. **World Scientific Books | 2009 | cloth | 9789812837097 | \$140.00**



WILDLIFE AND ROADS The Ecological Impact

Ed. by Bryan Sherwood, David Cutler, & John A Burton

Wildlife and Roads: The Ecological Impact is a timely publication, as there are growing concerns about the impact made by roads on the environment. Many of the aspects of the complex problem of siting new roads and lessening their negative environmental effects are addressed by contributors who are specialists in their respective subject areas. Among the topics discussed are legal aspects, transport interests, planners' and contractors' viewpoints, plant and animal ecology, and innovative solutions to some of the problems that roads inevitably impose on the natural environment.

World Scientific Books | 2002 | cloth | 9781860943218 | \$58.75



BROMELIADS FOR HOME AND GARDEN | Jack Kramer

This title provides a comprehensive overview on Bromeliad cultivation. Brilliantly illustrated with over 100 color images, this straightforward, easy-to-use guide focuses on the most popular species. Author Jack Kramer has personally grown each one of the 200 plants featured in the work, in climates as diverse as those found in Illinois, California, and Florida. He writes with clear, practical information that gardeners of any skill level can use. **University Press of Florida | April 2011 | 9780813035444 | \$33.75**



GARDENING WITH CARNIVORES

***Sarracenia Pitcher Plants in Cultivation & in the Wild* | John Elliot**

This is the first complete guide to these ornamental plants, from natural history to hybridization, and from creating a bog garden to using the pitchers as long-lasting cut flowers. The book combines both practical and academic information to provide new insights into the biology and evolution of this dynamically changing group. Nearly 80 photographs capture the photogenic nature of this plant group, and all species and many hybrids are showcased in their richest colors.

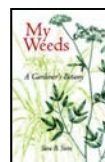
University Press of Florida | 2002 | paper | 9780813025094 | \$37.50



MY WEEDS | Sara Stein

From the author of the native gardening classic Noah's Garden: Restoring the Ecology of Our Own Backyard comes *My Weeds*, a foray into the secret and fascinating lives of the world's most hated plants. By asking of the common weed, "What kind of plant is this? How does it behave? What is it up to in my garden? Can I thwart its plans?" Stein shows how a thorough understanding of the enemy is the gardener's best defense. Incredibly adaptive, weeds are also good teachers, and Stein shows us what they tell us about our gardens and the lives of all plants.

University Press of Florida | 2000 | paper | 9780813017396 | \$21.25



ORCHIDS TO KNOW AND GROW | Thomas J. Sheehan & Robert J. Black

Orchids have been collected and grown for commercial purposes for more than 150 years, but while these spectacular plants are ever more available to casual gardeners and hobbyists, many still regard selecting and caring for orchids beyond their abilities. This book has easy-to-read, clearly defined chapters on identifying, classifying, and cultivating orchids. Also included are descriptions and illustrations of more than 150 of the more commonly grown orchid genera. The descriptions in tabular, readable outlines make it easy to select plants by appearance as well as a variety of criteria, including genus, particular light or temperature requirements, native habitat, and flowering time. **University Press of Florida | 2007 | paper | 9780813030654 | \$24.95**



ORNAMENTAL PALM HORTICULTURE | Timothy K. Broschat and Alan W. Meerow

Comprehensive in scope and based on research from worldwide sources, *Ornamental Palm Horticulture* presents virtually everything ever published about the subject in a concise, readable format, illustrated with 110 color plates and 81 black-and-white photographs. The first complete treatment of palms, this book covers palm biology, palm propagation, environmental influences, mineral nutrition and fertilization, insect and disease pests, container and field production, transplanting, and landscape and interiorscape management.

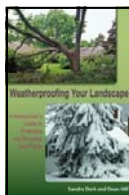
University Press of Florida | 2000 | cloth | 9780813018041 | \$49.95



WEATHERPROOFING YOUR LANDSCAPE

A Homeowner's Guide to Protecting and Rescuing Your Plants

Sandra Dark and Dean Hill Global weather events are unpredictable. Hurricanes, tornadoes, drought, fire, snow, ice, freezing temperatures, and floods wreak millions of dollars in damage to residential landscapes each year. This title provides the practical information you need to strengthen precious and valuable trees and shrubs, remove those that can't be saved, and promptly restore what has been damaged. Every part of the country is vulnerable to any combination of volatile weather events. *Weatherproofing Your Landscape* supplies the answers on how to prepare, manage, and recover your valuable landscape, including tips on what you can accomplish during a storm to minimize damage.



University Press of Florida | 09/2011 | paper | 9780813036823 | \$24.95

Botany

THE WILD ORCHIDS SERIES

BY PAUL MARTIN BROWN FOR THE UNIVERSITY PRESS OF FLORIDA



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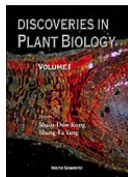
Discoveries in Plant Biology Series

DISCOVERIES IN PLANT BIOLOGY *Volume I*

Ed. by Shain-Dow Kung & Shang-Fa Yang

As scientific progress hinges on the continual discovery and extension of previous discoveries, this series, *Discoveries in Plant Biology*, is specially compiled to provide an atlas of the landmark discoveries in the broad span of plant biology. The 21 discoveries described in this First Volume all form the foundations of modern plant biology. The contributors, many of whom are themselves the researchers who made the discoveries, bring readers back in time to retrace the steps of the discoveries. Following the creative thoughts of the scientists in deciphering the natural laws, readers may appreciate how each field was developed from a simple subject to an advanced multidisciplinary field.

World Scientific Books | 1998 | cloth | 9789810213138 | \$170.00



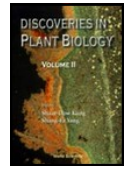
DISCOVERIES IN PLANT BIOLOGY *Volume II*

Ed. by Shain-Dow Kung & Shang-Fa Yang

Written by renowned plant biologists, the papers describe how classic discoveries were made and how they have served as the basis for subsequent breakthroughs. The 19

chapters in this second volume describe discoveries which contribute to the foundations of modern plant biology. The contributors bring readers back in time as if on a journey to retrace the paths and rethink the ideas they followed. These guided tours on how to decipher the natural laws will lead to an appreciation of the development of each field from simple concepts to an advanced multidisciplinary field of today. This volume will be of special interest to botanists, biochemists, plant physiologists and geneticists, and of general interest to those who are still fascinated by how discoveries are made.

World Scientific Books | 1998 | cloth | 9789810235475 | \$170.00



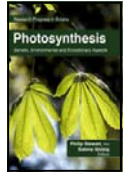
Research Progress in Botany Series

PHOTOSYNTHESIS *Genetic, Environmental and Evolutionary Aspects*

Ed. by Philip Stewart PhD & Sabine Globig

In order to function and survive, plants produce a wide array of chemical compounds not found in other organisms. Photosynthesis requires a large array of pigments, enzymes, and other compounds to function, and these chemicals have multiple practical uses in the human world as well, with applications to agriculture, forestry, and horticulture. This book presents an important collection of research and studies on the physiology of photosynthesis.

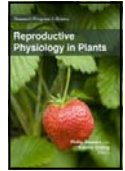
Apple Academic Press | 04/2011 | cloth | 9781926692630 | \$109.95



REPRODUCTIVE PHYSIOLOGY IN PLANTS | Philip Stewart PhD | Sabine Globig

In horticulture, agriculture, and food science, plants' reproductive physiology is an important topic relating to fruits and vegetables, the main consumable parts of plants. All aspects of plant physiology, including plants' reproductive systems, are important to the production of food, fibers, medicine, cosmetics, and even fuels. This volume presents many new studies on plants' reproductive systems, including new research on sperm cells in plant reproduction; the effect of herbivory on plant reproduction; disturbances to functional diversity; plant genes, hormones, DNA; and much more.

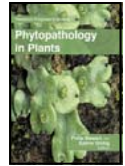
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PHYTOPATHOLOGY IN PLANTS | Edited by Philip Stewart PhD & Sabine Globig

This volume includes the latest research into the diseases that affect the non-vascular plants. Chapters within this book bring to light the most recent studies of pathogen identification, disease etiology, disease cycles, economic impact, plant disease epidemiology, plant disease resistance, how plant diseases affect humans and animals, pathosystem genetics, and management of plant diseases. The information provided here will allow readers to stay current with this field's ongoing research and ever-developing knowledge base.

Apple Academic Press | 04/2011 | cloth | 9781926692807 | \$109.95



PLANT PATHOGENS | Gregory West

Many plant diseases are caused by living organisms (called pathogens) such as fungi, bacteria, viruses, nematodes, phytoplasmas, protozoa, and parasitic plants. New diseases and changes in existing pathogens remain a constant threat to our forests, food and fibre crops, and landscape plants, making this study essential to today's economy, health, and society.

Apple Academic Press | 2010 | cloth | 978-1-926692-01-2 | \$120.00

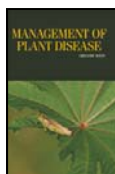


Also by Gregory West: *Phytopathology and the Environment* | 9781926692029 | \$120.00

Encyclopedias

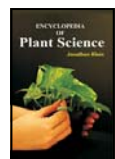
ENCYCLOPEDIA OF PLANT DISEASES (Set of 3 Vols.) | Gregory West

Plant diseases are caused by living organisms (called pathogens) such as fungi, bacteria, viruses, nematodes, phytoplasmas, protozoa, and parasitic plants—and by nonliving agents such as air pollutants, nutrient imbalances, and various environmental factors. New diseases and changes in existing pathogens remain a constant threat to our forests, food and fibre crops, and landscape plants **Apple Academic Press | 2010 | cloth | 9781926692005 | \$360**



ENCYCLOPEDIA OF PLANT SCIENCE (Set of 3 Vols.) | Jonathon Klein

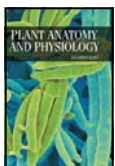
Approximately 350 000 different species of plants exist in the world today. Life on earth depends on plants, since they produce the oxygen and food we need to exist, along with fibres for clothing or paper, wood for building, and chemical compounds for medicines. By studying the anatomy and physiology of plants, we can gain a deeper understanding of the relationships within an ecosystem, between plants, animals, and humans. Studying the growth and development of plants can give insights into environmental changes and the impact of human development. And since plants are so essential to human survival, scientists study how they can best develop plant species that will provide food for those in drought-stricken areas, create alternative fuels to replace the dependence on fossil fuels, or find new medicines to find diseases. **Apple Academic Press | 2010 | cloth | 9781926692043 | \$360**



PLANT ANATOMY AND PHYSIOLOGY | Jonathon Klein

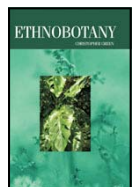
The structures of plants and how they function are important fields in plant science. Scientists examine the role of environmental factors in plant functioning, and how these factors affect food production, the diversity of plant species, or the spread of plant diseases. In this book, readers will read some of the research currently being done by scientists in the field of plant anatomy and physiology.

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ETHNOBOTANY | Christopher Green

Ethnobotany is the study of how people of a particular culture and region make use of indigenous plants. Ethnobotanists explore how plants are used for such things as food, shelter, medicine, clothing, hunting, and religious ceremonies. Ethnobotanists are usually botanists and/or biologists with additional training in such areas as archaeology, chemistry, ecology, anthropology, linguistics, history, pharmacology, sociology, religion and mythology. With such broad training, Ethnobotanists raise many interesting questions quite different in scope from those of previous generations of scientists trained in botany alone. **Apple Academic Press | 2010 | cloth | 9781926692050 | \$120.00**



BIOSTATISTICS | Ronald Singh

Biostatistics applies statistical techniques to a wide range of topics in biology. It encompasses the design of biological experiments, especially in medicine and agriculture; the collection, summarization, and analysis of data from those experiments; and the interpretation of, and inference from, the results. Biostatistics is a useful course of study for today's science student, since it is used in many sectors, including public health, medical research, genetic studies, agriculture and animal breeding, and ecology.

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