

JCMGA Suggested Reading

Plant Identification

Botany in a Day: The Patterns Method of Plant Identification by Thomas J. Elpel

Looking for a faster, easier, and engaging way to identify plants? Related plants have similar characteristics, and they often have similar uses. Rather than learning new plants one-at-a-time, it is possible to learn them by the hundreds, based on plant family patterns.

A Gardener's Latin: The Language of Plants Explained by Richard Bird

Every gardener needs to know plants' Latin names. They may look confusing at first, but once you understand what certain key words mean, impenetrable-sounding and hard-to-pronounce species names are suddenly demystified.

Botany

Botany for Gardeners by Brian Capon

What happens inside a seed after it is planted? How are plants structured? How do plants reproduce? The answers to these and other questions about complex plant processes can be found in the bestselling *Botany for Gardeners*. Written in accessible language, this must-have guide allows gardeners and horticulturists to understand plants from the plant's point of view.

Horticulture

Practical Horticulture by Laura Rice and Robert Rice Jr.

Practical Horticulture, Seventh Edition, is a classic, scientifically oriented book for basic horticulture. It presents readers with the fundamentals of horticultural science and its applications in both the commercial and home sectors.

All About Pollinators

Attracting Native Pollinators: The Xerces Society Guide, Protecting North America's Bees and Butterflies by The Xerces Society

With the recent decline of the European honeybee, it is more important than ever to encourage the activity of other native pollinators to keep your flowers beautiful and your grains and produce plentiful.

Gardening for Butterflies: How You Can Attract and Protect Beautiful, Beneficial Insects by The Xerces Society

Gardening for Butterflies, by the experts at the Xerces Society, introduces you to a variety of butterflies who need our help, and shows you how to design a habitat where they will thrive.

***Field Guide to the Common Bees of California: Including Bees of the Western United States* by Gretchen LeBuhn and Noel Badges Pugh**

This engaging and easy-to-use natural history guidebook provides a thorough overview of native and honey bee biology and offers tools for identifying the most common bees of California and the Western United States.

***The Bee-Friendly Garden: Design an Abundant, Flower-Filled Yard that Nurtures Bees and Supports Biodiversity* by Kate Frey and Gretchen LeBuhn**

For every gardener who cares about the planet, this guide to designing a bee garden helps you create a stunningly colorful, vibrant, healthy habitat that attracts both honeybees and native bees.

***Garden Plants for Honey Bees* by Peter Lindtner**

With each plant accompanied by a simple pollen and nectar production rating guide derived from his careful observations, this photo-rich guide can help you identify your most bee-friendly plants, add more to your landscaping and even plot a season-long supply of bee-preferred nectar and pollen producers in your own backyard.

Insect Identification & Entomology

***Garden Insects of North America: The Ultimate Guide to Backyard Bugs* by Whitney Cranshaw**

Featuring 3,300 full-color photos and concise, detailed text, this fully revised book covers the hundreds of species of insects and mites associated with fruits and vegetables, shade trees and shrubs, flowers and ornamental plants, and turfgrass—from aphids and bumble bees to leafhoppers and mealybugs to woolly bears and yellowjacket wasps—and much more.

***Borror and DeLong's Introduction to the Study of Insects* by Johnson, Norman F., Triplehorn, Charles A.**

***A Field Guide to Insects: America North of Mexico* (Peterson Field Guides) by Donald J. Borror, Richard E. White**

Detailed descriptions of insect orders, families, and many individual species are illustrated with 1,300 drawings and 142 superb color paintings. Illustrations - which use the unique Peterson Identification System to distinguish one insect from another - include size lines to show the actual length of each insect.

***How to Know the Immature Insects: The Pictured Key Nature Series* by H. F. Chu**

An illustrated key for identifying the orders and families of many of the immature insects with suggestions for collecting, rearing and studying them.

***Insect Pests of Farm, Garden, and Orchard* by Ralph Howard Davidson**

This definitive work in its field--gives more information on the pests of agricultural crops, humans, domestic animals, and the home than any other book. Comprises a brief and concise introduction to entomology, covering insect anatomy, morphology, development, physiology, and classification.

***Fundamentals of Entomology* by Richard J. Elzinga Professor Emeritus**

Using an exceptionally clear writing style, minimal scientific jargon, and vivid photos and drawings, this book provides a comprehensive view of the fundamentals of entomology. It captures the rich diversity and complexity of insects and their influence upon the ecosystem—*without* turning readers off with excessive details.

Common Names of Insects and Related Organisms by Joseph J. Botic

Entomology by Cedric Gillott

A well-balanced treatment of all major areas in entomology, this edition features coverage of the new phylogenies for most of the insect orders

Insects that Feed on Trees and Shrubs (Comstock Book) by Warren T. Johnson and Howard H. Lyon

This comprehensive handbook, acclaimed when it was first published in 1976 as "one of the most useful reference manuals on diagnostic entomology yet produced," has now been completely revised and expanded to reflect recent advances in technology and the wealth of new information affecting the "Green Industry."

National Audubon Society Field Guide to North American Insects and Spiders by Lorus and Margery Milne

This book lets both amateur and expert naturalists identify more than 940 species quickly and accurately.

The National Audubon Society Field Guide to North American Butterflies by Robert Michael Pyle

The essential guide to all true butterflies, the most common skippers, and many migrants and strays. It features a durable vinyl binding, color plates visually arranged by shape and color, and thumb-tab silhouettes for quick and easy identification of butterflies in the field. The species account for each butterfly provides measurements, descriptions of each stage of the life cycle, and information on coloring or distinguishing markings, flight period, habitat, and range.

The Science of Entomology by William S. Romoser and J. G. Stoffolano

This comprehensive, general entomology text includes keys to aid in the identification of insect families. Designed for science majors, *The Science of Entomology* is perfect for your general or introductory entomology courses.

Peterson First Guide to Caterpillars of North America by Amy Bartlett Wright and Roger Tory Peterson

Here is the first and only guide to a subject of great interest to gardeners, small children, and lepidopterists: caterpillars, the immature form of butterflies and moths. This guide describes 120 common species of these fuzzy creatures. All the caterpillars, their adult forms and many of their host plants are illustrated.

Irrigation

Drip Irrigation for Every Landscape and All Climates by Robert Kourik

Robert Kourik's *Drip Irrigation for Every Landscape and All Climates* clearly explains how to use less water yet increase the yields of vegetables and promote the growth and flowering of all plants--trees, shrubs, and container plants--in any climate, even where it rains irregularly.

Plant Propagation

The Plant Propagator's Bible by Miranda Smith

With easy-to-follow, step-by-step instructions, veteran horticulture teacher Miranda Smith provides a complete reference showing every step for cultivating new plants—whether from seed or cuttings or with techniques such as layering, grafting, and budding.

Hartmann & Kester's Plant Propagation: Principles and Practices by Hudson T. Hartmann, Dale E. Kester, et al.

The world standard for plant propagation and horticulture for over 50 years, *Hartmann and Kester's Plant Propagation* continues to be the field's most complete, up-to-date text on plant propagation.

Soil Chemistry and Health

Soil Chemistry by Hinrich L. Bohn, Brian L. McNeal and George A. O'Connor

Provides comprehensive coverage of the chemical interactions among organic and inorganic solids, air, water, microorganisms, and the plant roots in soil

The Nature and Properties of Soils by Nyle C. Brady and Ray R. Weil

Developed for Introduction to Soils or Soil Science courses, The Nature and Properties of Soils, Fifteenth Edition, can be used in courses such as Soil Fertility, Land Resources, Earth Science and Soil Geography.

Urban Soil in Landscape Design by Phillip J. Craul

Presents essential information on the fundamental properties of soils and how they are affected under urban conditions.

Soils: An Introduction to Soils and Plant Growth by Raymond W. Miller and Roy L. Donahue

Soils of the world are important primarily because they support plants. Plants feed the animals; and man lives by eating both plants & animals. Aside from fish, man & his animals are entirely dependent upon products from the soil.

Soil Fertility and Fertilizers: An Introduction to Nutrient Management by John L. Havlin

Long regarded as the leading book in the field, this volume provides a basic introduction to the biological, chemical, and physical properties affecting soil fertility and plant nutrition

Teaming with Microbes: The Organic Gardener's Guide to the Soil Food Web by Jeff Lowenfels and Wayne Lewis

When we use chemical fertilizers, we injure the microbial life that sustains plants, and then become increasingly dependent on an arsenal of toxic substances. *Teaming with Microbes* offers an alternative to this vicious circle, and details how to garden in a way that strengthens, rather than destroys, the soil food web.

Teaming with Nutrients: The Organic Gardener's Guide to Optimizing Plant Nutrition by Jeff Lowefels

Teaming with Nutrients explains how nutrients move into plants and what both macro-nutrients and micro-nutrients do once inside. It shows organic gardeners how to provide these essentials.

Teaming with Fungi: The Organic Gardener's Guide to Mycorrhizae by Jeff Lowefels

Teaming with Fungi is an important guide to mycorrhizae and the role they play in agriculture, horticulture, and hydroponics. Almost every plant in a garden forms a relationship with fungi, and many plants would not exist without their fungal partners.

Composting

Bokashi Composting: Scraps to Soil in Weeks by Adam Footer

Bokashi is Japanese for "fermented organic matter." Bokashi composting is a safe, quick, and convenient way to compost in your kitchen, garage, or apartment, using a specific group of microorganisms to anaerobically ferment all food waste (including meat and dairy).

Vegetable & Flower Gardening

Garden Guide for the Rogue Valley: Year Round and Month by Month by The Jackson County Master Gardener Association and the Oregon State University Extension Service

This comprehensive guide covers vegetables, berries and melons, as well as table grapes. It is written to help you design your garden with an understanding of the Valley and the plants that grow well there.

Growing Vegetables West of the Cascades: The Complete Guide to Organic Gardening by Steve Solomon

This complete guide to organic vegetable, herb, and flower gardening addresses issues of soil, seeds, compost, and watering.

Saving Seeds: The Gardener's Guide to Growing and Storing Vegetable and Flower Seeds by Marc Rogers and Polly Alexander

Enjoy a delicious bounty of heirloom vegetables every year. Marc Rogers guides you through the time-honored and cost-effective tradition of collecting seeds from this year's harvest to grow next year's crop. Learn how to select and store seeds from proven varieties of more than 100 common vegetables and flowers.

The New Sunset Western Garden Book: The Ultimate Gardening Guide (Sunset Western Garden Book) by The Editors of Sunset

As surely as gardens change with the seasons, gardening is ever changing. New plants, techniques, materials, and lifestyles are constantly broadening the choices you have and reshaping the way you garden in the West. *The Western Garden Book* includes a fresh new look, thousands of color photographs, fresh illustrations, and an easy-to-follow format. Written by experts for gardeners in the West, this book is an indispensable reference for beginning and expert gardeners alike.

The Cutting Garden: Growing and Arranging Garden Flowers by Sarah Raven , Pia Tryde, et al.

This stunning practical guide shows you how to plan and create a cutting garden from which glorious flower arrangements can be created, whether you're a beginner or an experienced flower gardener. From growing decorative flowers and foliage and maintaining a well-stocked cutting garden to creating floral arrangements

Color in Your Garden by Penelope Hobhouse

Garden Flowers from Seed by Christopher Lloyd and Graham Rice

This unique book is a dialogue between two extraordinarily knowledgeable and opinionated plantsmen who offer valuable advice on which seed-raised flowers to grow, how to germinate and tend to them, and how to use them in the garden.

***The Pacific Northwest Gardener's Book of Lists* by Ray McNeilan and Jan McNeilan**

The Pacific Northwest Gardener's Book of Lists is the definitive gardening guide for gardeners in this area. Included are such interesting lists as: annuals that attract beneficial insects, perennials for autumn color, hostas for full sun, annuals for dry shade, trees with weeping character, and more.

Perennials

***Garden Guide for the Rogue Valley: Ornamental Trees and Shrubs* by The Jackson County Master Gardener Association and the Oregon State University Extension Service**

The aim of this book is to acquaint gardeners with the great variety of trees and shrubs that thrive in the Rogue Valley. It guides you through the processes of designing your landscape, selecting your plants, and maintaining plant health. It also offers advice on gardening with native plants, planning a water-wise garden, knowing what to plant in fire country, attracting wildlife to your garden, and creating beautiful gardens in small spaces.

***Herbaceous Perennial Plants: A Treatise on their Identification, Culture and Garden Attributes* by Allan M. Armitage**

Herbaceous Perennial Plants provides easy-to-read information for over 500 genera, species and cultivars used in the gardening and landscape trade.

***Alan Bloom's Hardy Perennials: New Plants Raised and Introduced by a Lifelong Plantsman* by Alan Bloom**

The author describes the practical skills he has developed in raising plants during his long career. He provides detailed descriptions of the wide range of genera that he has worked with, comparing them with existing varieties and explaining how they were developed.

***The Well-Tended Perennial Garden: The Essential Guide to Planting and Pruning Techniques* by Tracy DiSabata-Aust**

This hardworking guide includes thorough details on the essential practices of perennial care—including deadheading, pinching, and thinning—along with growing information for specific species and cultivars, on-trend garden design advice, a monthly planting and maintenance schedule, and details on native plants and gardening for wildlife.

***Perennials (Eyewitness Garden Handbooks)* by David Joyce**

Information on choosing and caring for perennials accompanies a photographic guide to more than 1,000 plants by type, size, color, and season of interest

***Perennials and Their Garden Habitats* by Richard Hansen**

this volume describes a new way of using perennials in parks and gardens based on ecological rather than purely aesthetic principles.

***Designing with Perennials* by Pamela J. Harper**

Covers principles of garden design and plant combinations, discusses color, depth, texture, and height, offers advice on planning beds, borders, foundation plantings, and landscaping

***Perennials - How to Select, Grow & Enjoy* by Pamela Harper and Frederick McGourty**

Gardening with Perennials Month by Month by Joseph Hudak

The revised and expanded second edition describes the monthly blooming schedules and growing requirements of virtually every type of garden perennial. Over 700 species are documented, with over 400 lavish color photos.

Caring for Perennials: What to Do and When to Do it by Janet Macunovich

Janet Macunovich shares her time-saving gardening techniques that will have you growing thriving perennials while averaging just one hour of maintenance work per month for every 100 square feet of garden.

The Random House Book of Perennials Volumes 1& 2: Late Perennials (Pan Garden Plants Series) by Roger Phillips

These 2 handbooks--organized by seasonal flowering periods--feature over 3,000 color photos, as well as practical advice on selection, planting and cultivation. Some 5,000 of the world's favorite flowering plants are depicted.

Trees

Arboriculture: Integrated Management of Landscape Trees, Shrubs, and Vines by Richard Wilson Harris , James R. Clark, et al.

An invaluable reference tool for anyone interested in plant life, this comprehensive and logically organized guide describes current and new woody landscape plant selection and maintenance practices and evaluates them based on the most recent research and experience.

Modern Arboriculture: A Systems Approach to the Care of Trees and Their Associates by Alex L. Shigo

A New Tree Biology: Facts, Photos, and Philosophies on Trees and Their Problems and Proper Care by Alex L. Shigo

Principles and Practice of Planting Trees and Shrubs by Gary B Watson and E. B. Himelick

Pruning

Pruning by Christopher Brickell

A comprehensive guide to pruning roses, fruit trees, vines, ornamental trees and shrubs. Includes how to determine the proper time to prune and the tools needed.

All About Pruning (Ortho Books) by Judy lowe

A primer on trimming trees shrubs and vines. This book teaches when and how to prune. It is a comprehensive encyclopedia that provides pruning instructions for 180 trees shrubs and vines.

Pest and Disease Management

***Pests of Landscape Trees and Shrubs: An Integrated Pest Management Guide* by Steve Dreistradt**

With this manual you will be able to diagnose and manage hundreds of insects, mite, weed, plant disease, and nematode pests. You'll find information on using environmentally safe IPM methods, landscape designs that prevent pests, selecting resistant varieties, choosing and using less-toxic pesticides, planting, irrigating, and other plant-care activities that help in avoiding problems. Contains over one hundred pages of easy-to-use tree and shrub pest tables that will help you identify common problems on over two hundred types of trees and shrubs.

***Pests of the Garden and Small Farm* by Mary Louise Flint**

This classic handbook adapts scientifically based integrated pest management techniques to the needs of the home gardener and small-scale farmer. 95 common pests are described, covering insects, mites, plant diseases, nematodes, and weeds of fruit and nut trees and vegetables using the IPM approach of making minimal use of broad-spectrum pesticides; the methods recommended here rely primarily on organically acceptable alternatives. Crop-by-crop symptom identification tables guide you quickly to the information you need.

***Common-Sense Pest Control: Least-Toxic Solutions for Your Home, Garden, Pets and Community* by William Olkowski, Sheila Daar**

This resource gives homeowners hundreds of ways to control garden pests. Here are remedies for ridding lawns, gardens, and trees of destructive invaders.

***Sunset Western Garden Problem Solver* by Sunset**

Examines some of the most common garden pests and plant diseases found in Western gardens and offers advice on damage control ranging from simple bunches to romantic hanging globes, swags and medallions, this beautifully presented book provides all the information you need to get started with your own cutting garden.

Weeds

***Northwest Weeds: The Ugly and Beautiful Villains of Fields, Gardens, and Roadsides* by Ronald J. Taylor**

Northwest Weeds describes and illustrates the prominent and ever-present weeds of the northwestern United States and adjacent Canada. Full-color photographs and the accompanying text emphasize the weeds' identifying characteristics. The book includes information on the origin, distribution, aggressiveness, and edibility of each weed.

***Weeds of the Northern U.S. and Canada: A Guide for Identification* by France Royer and Richard Dickinson**

This impressive, richly illustrated field guide identifies more than 150 noxious weeds and another 100 related species. Color photos show the weeds at five critical stages, including their appearance as seedlings. The book covers a region from southern Oregon east to Connecticut and north to Canada. Information on weed legislation by state is listed. A first of its kind from the University of Alberta Extension, this extraordinary book is for a multitude of users, whether farmer, landscaper or gardener.

***Weeds of the West* by Tom D. Whitson**

Weeds of the West is the foremost guide to identifying weeds in Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming. This easy-to-use guide contains over 900 brilliant color photographs showing the early growth stages, mature plants and features for positive identification of each weed discussed. Over one-third of this edition is newly revised and expanded with over 300 new photos. This full-color, easy-to-use guide describes important weed species from parsley to sunflower in the Western United States