

Helpful Books & Websites

Table of Contents

(Each section lists books first, then websites)

Section Title	Page
General Information	1
Identify the Plant	2
Identify the Weed	3
Identify the Plant Disease	3
Identify the Insect	4
Identify the Spider	7
Identify the Household Arthropod	7
Invasive Plants	9
Miscellaneous	9

General Information

Sustainable Gardening (OSU publication EM8742)

- This, your trusty MG handbook, is a one-stop source for basic information, and will be better yet if you enrich it with notes from MG training classes
- Chapters 15 and 16 feature problem-solving information, with a one-page summary of a systematic method of diagnosis, as well as a brief Diagnostic Key for common problems of common garden and landscape plants

Sunset Western Garden Book (Sunset Publishing Co.)

- Plant encyclopedia with basic how-to-grow-it information
- Of the 24 western gardening zones, the Willamette Valley is in Zone 7

A -Z Encyclopedia of Garden Plants (C. Brickell & J. Zuk, editors)

- A plant encyclopedia with basic how-to-grow-it information and more
- Considerably more extensive than *Sunset Western Garden Book*, both in number of entries and amount of detail for each one
- Uses the USDA Zones; the Willamette Valley is in Zone 8

Pruning & Training (C. Brickell & D. Joyce)

- May well be the ultimate source for that topic
- Adapted from a British book

Propagation (A. Toogood)

- Similar in scope to *Pruning & Training* but, of course, covers plant propagation
- Adapted from a British book, so it sometimes suggests you might not be familiar with, such as rock wool as a media to propagate cuttings

OSU Publications

- Lists all the publications and videos available from OSU
- Search by keyword, title, or publication number. Or use the printed catalog
- *Growing Your Own* is particularly helpful because it lists planting dates for veggies in the four regions of Oregon (We're in Region 2.)
- <http://extension.oregonstate.edu/catalog/>

Northwest Gardeners eNews (OSU news releases)

- "A monthly electronic magazine with news and advice about gardening"
- You can subscribe via the link a top center
- You can also search the article archive
- <http://extension.oregonstate.edu/gardening/enews/>

Sustainable Landscaping: Garden, Lawn & Landscape (WSU)

- A series which covers a wide variety of topics, among them native plants, drought-tolerant ornamentals, appropriate garden practices, and pest management
- <http://www.spokane-county.wsu.edu/spokane/eastside/Sustainable%20Landscaping/Sustainable%20Landscaping.htm>

Identify the Plant

Trees to Know in Oregon (OSU publication EC 1450)

- Pictorial ID keys to native trees and a few common ornamentals
- On the bookshelf in 3 editions (at least in Washington County), each with a slightly different array of information

Trees (an Eyewitness Handbook)

Illustrates flowers, leaves, overall form, and often fruits

Shrubs & Climbers (an Eyewitness Handbook) is helpful in sorting out shrubs

Weeds of the West (OSU publication WEST)

- Your first stop to figure out which weed you have
- Organized alphabetically by plant family, then by the weed's common name

Plants of the Pacific Northwest Coast (Pojar & Mackinnon)

Landscape Plant Identification (OSU)

- Includes numerous woody and herbaceous plants, both natives and introduced ornamentals
- Each plant is described via brief text as well as a series of high-quality color images showing various characteristics of the plant, among them an overall view often followed by close-ups of leaves, flowers, and bark
- <http://oregonstate.edu/dept/ldplants/>

Identify the Weed

PNW Weed Management Handbook (OSU publication WEED; also online)

- Described “as a quick and ready reference of weed control practices used in various cropping systems or site/situations”
- **Warning:** Nearly all the information is for commercial entities.
- The few suitable pages are in the section **Home Garden and Landscape Management**. (Photocopies are in the *MG Resources and References* binder, Tab F.)
- Online version at <http://pnwhandbooks.org/weed/> (See Tab G for detailed information)
- To locate info for home use in the online version, click on “Contents” near the top of the page, and then scroll to the chapter for home gardens: **Home Garden and Landscape Management**.
- Please don’t send a link to clients. Instead, copy and paste home-use information.

PNW Weed Image Collection (OSU)

- Weeds listed alphabetically by common name
- One, two or three images for each weed in the list
- <http://uspest.org/pnw/weedimages?weeds/id/index.html>

Weed Management in Nursery Crops (OSU)

- Focused on nursery production but also helpful for MGs
- <http://oregonstate.edu/dept/nursery-weeds/>

Weed Science Society of America

- Weed identification <http://wssa.net/weed/weed-identification/>
- Weeds in the garden, lawn <http://wssa.net/articles/>

Identify the Plant Disease

Diagnosing plant disease can be challenging. You’ll need to read carefully, and then compare pictures with the plant material at hand.

Recall that abiotic disorders are more common than are diseases from fungus, bacteria and virus.

To clinch a diagnosis, you may need to obtain additional images and text.

Abiotic Disorders of Landscape Plants (ANR publication 3420, University of California) is non-technical, yet thorough and easy-to-understand

Landscape Plant Problems (3rd edition; WSU)

- Your first stop to diagnose the plant problem at hand
- A pictorial diagnostic manual
- Organized alphabetically by the plants’ common names
- Sections toward the back show problems common to many plants, such as environmental disorders, common insect pests, common diseases, and common herbicide damage

PNW Plant Disease Management Handbook (OSU publication PLANT)

- Organized by common names of plants (See Tab G)
- Home-use products are indicated with **H**
- **Warning:** If the dosage is oz/A (ounces per acre), pounds/A (pounds per acre) or lb/100 gal (pounds per 100 gallons), the material is for Commercial use
- Also online (See below)

Diseases of Trees and Shrubs (Sinclair, Lyon & Johnson)

- Detailed text and high quality photos
- Nation-wide focus, but can be useful to verify tentative diagnoses

PNW Plant Disease Management Handbook (online version)

Don't send links from PNW Management Handbooks to clients

Instead, copy and paste home-use information, then delete all commercial data

- The same text as in the hardcopy copy with occasional updates during the year
- Color photos for some diseases
- To locate information about a host, click **Hosts and Their Diseases** just below the banner at the left. Type the plant's common name in the box, and hit the Enter key
- **Warning:** Home Use chemicals are coded with a **H**
- Please don't read or copy dosage rates to clients because the product's formulation and/or label may have been modified after the handbook was published
- <http://pnwhandbooks.org/plantdisease/> (See Tab G for complete information)

Diagnosis by County in Oregon – Arthropods and Plant Diseases (OSU)

- "Click the county on the map to access the links for plant disease diagnoses and/or arthropod identification data for that county"
- Click on a county to bring up a spreadsheet with itemized entries. You can either open the page or save it to your computer to be used at your leisure
- The occasional blue listings link to photos, sometimes to an information page
- <http://plant-clinic.bpp.oregonstate.edu/counties>

Master Gardener Resources (WSU)

Lecture outlines and worksheets to supplement Chapters 15 and 16 of *Sustainable Gardening: The Oregon-Washington Master Gardener Handbook*

<http://www.puyallup.wsu.edu/plantclinic/resources/mg-res.html>

Identify the Insect

PNW Insect Management Handbook (OSU publication INSECT)

- Home Use and Commercial Use recommendations are indicated within each entry
- Please don't read dosage rates to clients because the product's formulation and/or label may have been modified after the handbook was published
- If you photocopy information for clients, please strike-out commercial recommendations
- **Warning:** Dosage stated as lb ai/a (pounds active ingredient per acre) or oz/100 gallons, are for Commercial-use
- Also online (See below)

Insects (a Peterson Field Guide)

- Pictorial identification key to the orders (inside front and back covers)
- The key directs you to a page with further information about the orders

Insects that Feed on Trees and Shrubs (Johnson and Lyon; 2nd edition revised)

- Often cross-referenced from the *PNW Insect Management Handbook*
- Photos of the critter and/or damage, with details of life cycle, habitat, and habits

Garden Insects of North America (W. Cranshaw)

- Organized by kind of plant damage, then according to the kind of insect
- Primary value is to help verify your tentative identification via images and brief descriptions
- Index contains both common names and technical names

Bugs of Washington and Oregon (John Acorn & Ian Sheldon) illustrates and profiles 125 insects common to our region

Natural Enemies Handbook (University of California publication 3386) helps you sort the good guys from the bad. Describes life cycle and habits. High quality photos

PNW Insect Management Handbook (online version)

Don't send links from PNW Management Handbooks to clients

Instead, copy and paste the home-use information, then delete all commercial data

- The same text as in the hard copy with occasional updates during the year
- Within each category, host plants are alphabetical
- Numerous entries are on a single web page; scroll down and, if needed, click "Next"
- Entries may contain images of damage and/or arthropod
- Suggest recommendations for Home Use
- Don't suggest dosage rates because the label may have changed
- Dosage of lb ai/a (pounds active ingredient per acre) or oz/100 gal is Commercial-use
- <http://pnwhandbooks.org/insect/> (See Tab G for complete how-to-use information)

Brown Marmorated Stink Bug (BMSB)

- BMSB in Oregon <http://spottedwing.org/>
- Stop BMSB (national working group) <http://www.stopbmsb.org/>
- Pest Alert: http://www.oregon.gov/ODA/PLANT/docs/pdf/ippm_bmsb_alert2010.pdf
- How to Identify BMSB: <http://njaes.rutgers.edu/stinkbug/identify.asp>
- More images: <http://www.invasive.org/browse/subinfo.cfm?sub=9328>

Spotted Wing Drosophila (SWD; *Drosophila suzukii*) <http://spottedwing.org/>

- Emerging Pest <http://pnwhandbooks.org/insect/pnw-insect-management-handbook/emerging-pest-spotted-wing-drosophila>
- OSU Working Group for SWD <http://spottedwing.org/>

Diagnosis by County in Oregon (Arthropods and Plant Diseases) (OSU)

- For description, refer to Identify the Plant Disease on page 4 of this article
- <http://plant-clinic.bpp.oregonstate.edu/counties>

Ken Gray Insect Image Collection (OSU)

- An extensive image library of regional arthropods that is best searched with the arthropod's technical name
- To search for photos
 - Click By Keyword in the menu at the left
 - On the new page, set the cursor in the box following Enter Keyword
 - Type the family or genus name in the box
 - Click Submit Query
- <http://www.ipmnet.org/kgphoto/>

PNW Nursery IPM (OSU)

- Valuable resources for MGs even though “established to provide educational materials and links for the identification and management of pests in commercial nursery production in the Pacific Northwest”
- Subscribe to the one-way Alert listserve to keep up-to-date about current pest activity, potential invaders, and weather reports.
- <http://oregonstate.edu/dept/nurspest/>

Yard/Garden Pests (WSU)

Information about common pests as well as certain beneficial insects, among them bees, ladybugs, predacious ground beetles and more. <http://gardening.wsu.edu/>

Crane Fly Page (WSU)

- All the information and pictures about crane flies you're ever likely to need
- Note the section for homeowners where the MGs from Whatcom County, WA, annually publish their survey of home lawns
- Photos of numerous non-damaging crane fly species native to the PNW
- <http://whatcom.wsu.edu/cranefly/>

Pest Leaflet Series (WSU)

- A list of 121 leaflets designed for use by MGs and home gardeners
- Each has from 1 to 10 pages of text and often a photo or illustration
- Titles/topics not alphabetical
- *How to Identify the Hobo Spider* (PLS 116), is perhaps the most useful of the series because it contains text and high quality photos of the characters required to identify the hobo spider and its kin
<http://puyallup.wsu.edu/plantclinic/resources/pdf/pls116hobospider.pdf>

Pests in Homes, Gardens, Landscapes, and Turf (University of California)

- The “University of California’s official guidelines for pest monitoring techniques, pesticides, and non-pesticide alternatives for managing pests”
- Numerous clearly written leaflets, each describing the pest’s life cycle, damage, habitat, management, and enriched with illustrations and/or color photos
- To print the information for an individual pest, click on the small notice near the top of the page which states either “PDF to Print” or “Printer-friendly Version”
- Always verify any chemical management with the PNW handbooks
- <http://www.ipm.ucdavis.edu/PMG/menu.homegarden.html>

Cornell University

- Integrated Pest Management: <http://www.nysipm.cornell.edu/>
- Biological Control (A Guide to Natural Enemies in North America)
<http://www.biocontrol.entomology.cornell.edu/index.php>
- Pest Identification Center for Household Pests (interactive key)
http://www.nysipm.cornell.edu/pest_key/default.asp

Identify the Spider

Spiders and Their Kin (a Golden Guide)

- Compact resource to ID numerous common spiders
- Illustrations of spinnerets and/or eye arrangement are key ID characteristics
- Illustrations, not photos

Hobo Spider

- Background information about the hobo spider and its look-a-likes
- The text and photos are insufficient for firm ID
- <http://www.srv.net/~dkv/hobospider/>

Hobo Spider: How to Identify or Mis-Identify (WSU publication PLS 116)

- Key characteristics required to identify hobo spiders and their look-a-likes
- High quality full-color visuals
- Train yourself to ID a hobo spider:
Read the text, look at the photos, then observe the specimen at hand
- All MG offices have a file copy
- http://pep.wsu.edu/pdf/PLS116_1.pdf

Spider Links & Myths (The Burke Museum; WSU)

- Myths about spiders
<http://www.washington.edu/burkemuseum/spidermyth/>
- Numerous links
<http://www.washington.edu/burkemuseum/spidermyth/links.html>

Identify the Household Arthropod

Begin with the general insect identification resources on pages 4 -7 of this document, then refine your search with one or more of the following, most of which provide general information, background, and cultural management.

Identification and Habits of Key Ant Pests of Washington (WSU; EB067I)

An excellent identification resource for common ants of the northwest in each MG office

PCT Handbooks

- **Note:** Written for industry professionals, but MGs will benefit from the details for ID and cultural management of various arthropods as well as insights for professional help
- **Warning:** Obtain recommendations for home-use pesticides in the *PNW Insect Management Handbook*
- The PCT handbooks:
 - *Technician's Handbook* – Concise 2-page layouts for pests includes a detailed description and accurate illustration, as well as cultural management
 - *Structure-infesting Ants* – this and the following 3 books offer many more details than the above
 - *Structure-infesting Beetles* (Volumes I and II)
 - *Structure-infesting Flies*
 - *Urban Spiders*

Urban Entomology

- Brief blurbs about a few common household pests and nuisances
<http://entomology.oregonstate.edu/urbanent> (James Young, former OSU entomologist)
- *Urban Entomology*: A classic publication by Walter Ebeling;
<http://www.entomology.ucr.edu/ebeling/>

Living with Bugs

Brief blurbs about common household pests and nuisances

Jack DeAngelis, OSU entomologist, retired

<http://www.livingwithbugs.com/>

Bed bugs

- Bed Bugs (WSU) <http://cru.cahe.wsu.edu/CEPublications/FS070E/FS070E.pdf>
- Bed bug FAQ (Cornell)
http://www.nysipm.cornell.edu/whats_bugging_you/bed_bugs/bedbugs_faqs.asp
- Bed bugs are back! An IPM Answer (Cornell)
http://www.nysipm.cornell.edu/factsheets/buildings/bb_are_back.pdf
- Bed Bugs http://oregonstate.edu/dept/kbrec/sites/default/files/bed_bug_0.pdf
- Bed Bug Fact Sheet with video “How to Look for and Avoid Bedbugs in Hotel or Motel Rooms” <http://umaine.edu/ipm/ipddl/publications/5004e/>

Invasive Plants

Alternatives for Invasive Plants

- *GardenSmart Oregon*
<http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/oregon/howwework/gardensmart-oregon.xml>
- *Garden Wise Plants* (Washington Invasive Species Coalition)
http://www.nwcb.wa.gov/publications/Western_Garden_Wise.pdf

Oregon Department of Agriculture Noxious Weed Control (ODA)

Overview, w/numerous links in left menu

<http://www.oregon.gov/ODA/PLANT/WEEDS/Pages/programoverview.aspx>

Center for Invasive Plant Management <http://www.weedcenter.org/>

- Troublesome Invaders of Western US & Canada
http://www.weedcenter.org/inv_plant_info/worst.html
- Fact Sheets: http://www.weedcenter.org/inv_plant_info/fact-sheets.html

Invasipedia (formerly at The Nature Conservancy web site)

<http://wiki.bugwood.org/Invasipedia>

Noxious Weed Control Program (King County, WA)

Identification by flower color, w/ images

<http://www.kingcounty.gov/environment/animalsAndPlants/noxious-weeds/weed-identification.aspx>

Washington State Noxious Weed control Board <http://www.nwcb.wa.gov/>

Miscellaneous

Northwest Coalition for Alternatives to Pesticides (NCAP)

A series of detailed fact sheets with alternatives to using pesticides against many arthropods, weeds and vertebrates.

- Pesticide Fact Sheets <http://www.pesticide.org/get-the-facts/pesticide-factsheets/pesticide-factsheets>
- Home and Garden Solutions <http://www.pesticide.org/solutions/home-and-garden-toolbox/home-and-garden-toolbox>
- Resources <http://www.pesticide.org/solutions/community/community-toolbox>

Compost

- Cornell Composting <http://compost.css.cornell.edu/>
- US Composting Council
 - Home page: <http://compostingcouncil.org/>
 - Locate a facility: <http://compostingcouncil.org/admin/compostmap.php>