

RESOURCES

For selected chapters, we present here a curated list of resources you may find helpful as you dig deeper into the pursuit of ecological forestry.

Chapter 2: The Northwest Forest Landscape

Arno Stephen and Ramona Hammerly. *Northwest Trees: Identifying and Understanding the Region's Native Trees*. Seattle: Mountaineers Books, 2007.

Franklin, Jerry F., and C. T. Dyrness. "Natural Vegetation of Oregon and Washington" [pdf]. Corvallis: Oregon State University Press, 1988. <https://bit.ly/naturalvegetation>.

Luoma, Jon R. *The Hidden Forest: The Biography of an Ecosystem*. New York: H. Holt, 1999.

MacKinnon, A., and Jim Pojar, and Paul B. Alaback. *Plants of the Pacific Northwest Coast: Washington, Oregon, British Columbia & Alaska*. Richmond, BC: Lone Pine Publishing, 1994.

NatureServe. "Terrestrial Ecological Systems of the United States." A classification system for complexes of plant communities. www.natureserve.org/products/terrestrial-ecological-systems-united-states.

US Department of the Interior and US Forest Service. "Landfire Program Biophysical Settings." Provides maps of historical vegetation. <https://bit.ly/landfire-bio>.

US Forest Service. "Fire Effects Information System." Provides information about fire effects and fire regimes by species common or scientific name. www.feis-crs.org/feis.

US Forest Service. "Geospatial Data Discovery: Bailey's Ecoregions and Subregions Dataset." Displays an interactive map of ecoregions

based on environmental variables. <https://bit.ly/baileysecoregions>.

Chapter 3: How Did We Get Here?

Clark, Ella E. *Indian Legends of the Pacific Northwest*. Berkeley: University of California Press, 1953.

Olympic Peninsula Intertribal Cultural Advisory Committee. *Native Peoples of the Olympic Peninsula: Who We Are*. Edited by Jacilee Wray. Norman: University of Oklahoma Press, 2015.

Chapter 4: Shopping for a Forest

Search by county for assessor websites

Chapter 5: What Lives Here?

iNaturalist. "The Edible and Medicinal Plants of the Pacific Northwest." Photographic guide to plants found in the Pacific Northwest. www.inaturalist.org/guides/10285.

Morin, R. S. "Forest Ecosystem Health Indicators" [pdf]. Washington, DC: United States Department of Agriculture, Forest Service, 2020. <https://bit.ly/ecosystemhealth>.

Oregon State University. "Common Trees of the Pacific Northwest." A tree identification tool.

Chapter 6: A River Runs Through It

Opperman, Jeff. *Maintaining Wood in Streams: A Vital Action for Fish Conservation*. Davis: Uni-

versity of California, Division of Agriculture and Natural Resources, 2006.

Quinn, Timothy, George F. Wilhere, and Kirk L. Krueger. *Riparian Ecosystems, Volume 1: Science Synthesis and Management Implications* [pdf]. Washington Dept. of Fish & Wildlife, 2020. <https://wdfw.wa.gov/publications/01987>.

Chapter 7: Forest Health

Center for Invasive Species and Ecosystem Health. Online source for information about invasive species. www.bugwood.org.

4-County Cooperative Weed Management Area. "Integrated Weed Maintenance Calendar." Guide to the best treatment method and timing for noxious weed and invasive species management. <https://4countycwma.org/integrated-weed-maintenance-calendar>.

Goheen, Ellen Michaels and Elizabeth A. Willhite. *Field Guide to the Common Diseases and Insect Pests of Oregon and Washington Conifers* [online]. Vol. no.01-06. USDA Forest Service, Pacific Northwest Region, n.d. doi:10.5962/bhl.title.80321. www.biodiversitylibrary.org/item/152991#page/3/mode/1up.

Pscheidt, J. W., and C. M. Ocamb, C.M., senior editors. *Pacific Northwest Plant Disease Management Handbook* [online]. Corvallis: Oregon State University, 2023. <https://pnwhandbooks.org/plantdisease>.

Shaw, David Carl, Paul T. Oester, and Gregory M. Filip. *Managing Insects and Diseases of Oregon Conifers*. Corvallis: Oregon State University, Extension Service, 2009.

Tu, Mandy, Callie Hurd, and John M. Randall. *Weed Control Methods Handbook: Tools and Techniques for Use in Natural Areas*. Davis, CA: Wildland Invasive Species Team, the Nature Conservancy, 2001.

US Forest Service Forest. "Insect and Disease Leaflets." Over 180 leaflets that provide information about insects or diseases affecting forest trees in the United States. <https://bit.ly/forestinsects>.

Zobrist, K. "Assessing Tree Health." [pdf] Pullman: Washington State University Extension, 2011. <https://pubs.extension.wsu.edu/assessing-tree-health>

Phone apps for identifying (non-native) plants

iNaturalist. A general plant and animals species identification app that includes natural ranges.

Washington Invasives An invasive species and noxious weed reporting tool that lists regional priority invasive plants and animals and provides a mechanism for reporting them.

WildSpotter Allows to you select a "wild area" (often a national forest or national park) near you, then provides a list of invasives/non-natives found in that area, including photos; also a reporting tool.

Chapter 8: Where'd That Come From?

County weed boards in Oregon: <https://bit.ly/oregonweedprograms>.

County weed boards in Washington: www.nwcb.wa.gov/contact-your-county-weed-boards.

Oregon State Weed Board. Contains resources for helping to protect Oregon from noxious weeds. <https://bit.ly/weedmapper>.

Peachey, E., editor. *Pacific Northwest Weed Management Handbook* [online]. Corvallis: Oregon State University. <https://pnwhandbooks.org/weed>.

Washington State Noxious Weed Control Board. Contains resources for helping to protect Washington from noxious weeds. www.nwcb.wa.gov.

Chapter 9: Roads in a Wood

Oregon Department of Fish and Wildlife. "ODFW Fish Screening and Passage Grant Program." Provides funding and resources for forest owners who wish to improve fish passage. <https://dfw.state.or.us/fish/passage/grants.asp>.

Washington Department of Natural Resources. "Family Forest Fish Passage Program." Provides assistance to private forest owners in removing culverts and other stream crossing structures. www.dnr.wa.gov/fffpp.

Weaver, W., E. Weppner, and D. Hagans. *Handbook for Forest, Ranch, and Rural Roads: A Guide for Planning, Designing, Constructing, Reconstructing, Upgrading, Maintaining and Closing Wildland Roads* [online]. McKinleyville, CA:

Pacific Watershed Associates, 2015. www.pacificwatershed.com/roadshandbook.

Chapter 10: Forest Inventory and Management Planning

"Forest Inventory and Monitoring Guidelines" [pdf]. Seattle: Northwest Natural Resource Group, 2015. <https://bit.ly/monitoringguidelines>.

"Healthy Woods Start With a Plan: Manage What You Value, With Assistance From NRCS" [pdf]. US Department of Agriculture, Wisconsin Natural Resource Conservation Service, 2022. <https://bit.ly/healthywoods>.

"How to Measure Woody Biomass in Your Forest" [pdf]. Seattle: Northwest Natural Resource Group, 2020. <https://bit.ly/woodybiomassguidebook>.

Oregon Department of Forestry. Website that provides information about Oregon forests. www.oregon.gov/odf.

"Oregon Forest Management Planning System Guidelines" [pdf]. US Forest Services, Oregon Department of Forestry, Oregon State University, USDA Natural Resource Conservation Service, Oregon Department of Fish and Wildlife, 2017. <https://bit.ly/managementplansoregon>.

Oregon State University. "Forestry & Natural Resources Extension." Provides research-based information and programs for managing forest resources. www.forestry.oregonstate.edu/forestry-and-natural-resources.

Oregon Association of Conservation Districts. "Regions and Directory of Districts." Lists links for conservation districts in Oregon. www.oacd.org/regions-and-directory-of-districts.

USDA Natural Resources Conservation Service. "Web Soil Survey." Provides soil data and information produced by the National Cooperative Soil Survey. <https://websoilsurvey.nrcs.usda.gov/app>.

Washington Department of Natural Resources. Includes link to DNR's landowner assistance tool, along with other helpful information. www.dnr.wa.gov.

Washington State Conservation Commission. "Washington State Conservation District Directory." Lists links for conservation

districts in Washington. www.scc.wa.gov/conservation-district-map.

"Washington State Integrated Forest Management Plan Guidelines & Template" [pdf]. Washington State Department of Natural Resources, US Department of Agriculture, Forest Service and Natural Resources Conservation Service, Washington Tree Farm Program, Washington Department of Revenue, 2017. <https://bit.ly/managementplanguidelines>.

"Washington State University Extension Forestry Program." Classes, workshops, and online resources for forest owners. <https://forestry.wsu.edu>.

Withrow-Robinson, B., and D. Maguire. "Competition and Density in Woodland Stands" [pdf]. Pullman: Washington State University Extension, 2018. <https://catalog.extension.oregonstate.edu/em9206>.

Chapter 11: The Economic Benefits of Ecological Forestry

Zuckerman, Seth. "Longer rotations and carbon" [online]. Seattle: Northwest Natural Resource Group, 2021. www.nnrg.org/longer-rotations-and-carbon.

Chapter 12: Stand Establishment

Environmental Quality Incentives Program. A cost-share program offered by the USDA. Oregon and Washington have different rules and deadlines; find the relevant state's site by internet search.

Climate Change Resource Center. "Seedlot Selection Tool." A web-based mapping application designed to help natural resource managers match seedlots with planting sites based on climatic information. US Forest Service, Oregon State University, Conservation Biology Institute, 2016. www.fs.usda.gov/ccrc/tool/seedlot-selection-tool.

Townsend, L. "Forest Stand Density Guide" [pdf]. Spokane, WA: USDA Natural Resource Conservation Service, 1982. bit.ly/standdensity.

Chapter 14: Working with Maturing Forests

Franklin, Jerry F., K. Norman Johnson, and Debora L. Johnson. *Ecological Forest Manage-*

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ment. Long Grove, IL: Waveland Press, Inc., 2018.

Grotta, A. *Two-aged to Multi-aged Stand Management in the Coast Range*. Corvallis: Oregon State University Extension, 2018.

Kohm, Kathryn A., and Jerry F. Franklin. *Creating a Forestry for the 21st Century?: the Science of Ecosystem Management*. Washington, DC: Island Press, 1997.

Simard, Suzanne. *Finding the Mother Tree: Discovering the Wisdom of the Forest*. New York: Alfred A. Knopf, 2021.

Chapter 16: Wildfires and Risk Reduction

Agee, James K. "Fire regimes of the Pacific Northwest and Northern California." 2012. <http://bit.ly/fire-regimes>.

Greenberg, Cathryn H, and Beverly Collins. "Fire Ecology and Management in Pacific Northwest Forests." In *Fire Ecology and Management: Past, Present, and Future of US Forested Ecosystems*, Vol. 39. Cham, Switzerland: Springer International Publishing AG, 2021. doi:10.1007/978-3-030-73267-7_10.

Mathews, Daniel. *Trees in Trouble: Wildfires, Infestations, and Climate Change*. Berkeley: Counterpoint Press, 2020.

Chapter 17: Wildlife Habitat Enhancement

Kozloff, Eugene N. *Plants and Animals of the Pacific Northwest?: An Illustrated Guide to the Natural History of Western Oregon, Washington, and British Columbia*. Seattle: University of Washington Press, 1976.

Shewey, John, Tim Blount, and Hendrik G. Herlyn. *Birds of the Pacific Northwest*. Portland, OR: Timber Press, Inc., 2017.

Phone apps for identifying wildlife:

iNaturalist. A general plant and animals species identification app that includes natural ranges.
Merlin. Cornell Lab of Ornithology's app that allows you to identify bird species using recordings of songs and calls.

Chapter 18: Foraging in the Forest

San Juan National Forest Service. "Guidelines for the Ethical and Sustainable Harvest-

ing of Wild Plants" [pdf]. <https://bit.ly/sanjuansharvesting>.

Gunther, Erna. *Ethnobotany of Western Washington*. Seattle: University of Washington Press, 1945.

Kimmerer, Robin Wall. *Braiding Sweetgrass*. Minneapolis: Milkweed Editions, 2013.

MacKinnon, A., Jim Pojar, and Paul B. Alaback. *Plants of the Pacific Northwest Coast: Washington, Oregon, British Columbia & Alaska*. Richmond, BC: Lone Pine Publishing, 1994.

Moore, Michael. *Medicinal Plants of the Pacific West*. Santa Fe: Red Crane Books, 1993.

Natural Resource Conservation Service. "Conservation Stewardship Program." A funding and technical assistance program that helps forest landowners implement various conservation activities in their woods, including ethnobotanical plantings. <https://bit.ly/conservationstewardshipprogram>.

Turner, Nancy J. *Food Plants of Coastal First Peoples*. Victoria: Royal BC Museum, 2006.

California Native Plant Society. "Policy on Ethics and Best Practices for Collecting Native Plants" [pdf]. 2020. <https://bit.ly/bestpracticesharvesting>.

Chapter 19: Harvest Planning and Management

Belart, F. and S. Bowers, "Small-Scale Harvesting for Woodland Owners" [online]. Corvallis: Oregon State University Extension Service, 2021. <https://bit.ly/smallscaleharvesting>.

Bowers, S. and J. Patches. "Selling Timber and Logs" [pdf]. Corvallis: Oregon State University Extension Service, 2007. <https://catalog.extension.oregonstate.edu/ec1587>.

Chapter 20: We Build the Trail by Walking

Birkby, Robert. *Lightly on the Land: The SCA Trail-Building and Maintenance Manual*. Seattle: Mountaineers Books, 1996.

Hesselbarth, Woody and Brian Vachowski. *Trail Construction and Maintenance Notebook*. Missoula: USDA Forest Service, Technology & Development Program, 1996.

International Mountain Biking Association. *Trail Solutions: IMBA's Guide to Building Sweet*

Singletrack. Boulder: International Mountain Bicycling Association, 2004.

Chapter 21: Committing Your Forest to a Higher Purpose

- American Tree Farm System. Offers resources and certification for forest owners. <https://bit.ly/americanreefarm>.
- Climate Smart Wood Group. A climate-smart wood sourcing group. www.climatesmartwood.net.
- Coalition of Oregon Land Trusts Frequently Asked Questions. Offers information about land trusts and conservation easements. <https://oregonlandtrusts.org/resources/faq>.
- Forest Stewardship Council® certification. Oversees FSC certification. <https://us.fsc.org/en-us/certification>.
- US Forest Service Forest Stewardship Program. Provides information and guidance on forest stewardship. www.fs.usda.gov/managing-land/forest-stewardship/program.
- Washington Association of Land Trusts. "Conservation Easements." Supports land trusts in Washington. <https://walandtrusts.org/conservation-easements>.

Chapter 22: Not Your Granddaddy's Climate

- Lynch, Abigail J. et al. "RAD Adaptive Management for Transforming Ecosystems." In *BioScience*, Vol. 72, Issue 1. <https://doi.org/10.1093/biosci/biab091>.
- Bonneville Environmental Foundation. "Treeline: Climate Resilience & Adaptation." A Pacific Northwest network on climate resilience and adaptation. www.b-e-f.org/treeline-climate-resilience-adaption.

Chapter 23: Succession Planning

- Hollander, Stuart J., R. Hollander, and A. O'Connell. *Saving the Family Cottage: Creative Ways to Preserve Your Cottage, Cabin, Camp, or Vacation Home for Future Generations*, 6th ed. Berkeley: Nolo Press, 2021.
- Oregon State University Extension. "Ties to the Land." Offers succession planning resources and workshops for landowners. <https://tiesto-theland.org>.