

Recommended Propagation Methods for Native Riparian Trees and Shrubs of the Willamette Valley

Propagation method	Common name	Scientific name
Dormant woody cuttings	western (redosier) dogwood	<i>Cornus sericea</i> ssp. <i>occidentalis</i>
	black twinberry	<i>Lonicera involucrata</i>
	Indian plum	<i>Oemleria cerasiformis</i>
	Lewis' mock orange	<i>Philadelphus lewisii</i>
	Pacific ninebark	<i>Physocarpus capitatus</i>
	black cottonwood	<i>Populus trichocarpa</i>
	redflower currant	<i>Ribes sanguineum</i> var. <i>sanguineum</i>
	salmonberry	<i>Rubus spectabilis</i>
	willows	<i>Salix exigua</i>
		<i>Salix hookeriana</i> (piperi)
		<i>Salix lasiolepis</i>
		<i>Salix lucida</i> ssp. <i>lasianдра</i>
<i>Salix scouleriana</i>		
<i>Salix sessilifolia</i>		
<i>Salix sitchensis</i>		
red elderberry	<i>Sambucus racemosa</i>	
Douglas spirea	<i>Spiraea douglasii</i>	
common snowberry	<i>Symphoricarpos albus</i>	
Seed	big leaf maple	<i>Acer macrophyllum</i>
	alders (red, Sitka, & white)	<i>Alnus rubra</i> , <i>A. viridis</i> spp. <i>sinuata</i> , <i>A. rhombifolia</i>
	California hazelnut	<i>Corylus cornuta</i> var. <i>californica</i>
	Oregon ash	<i>Fraxinus latifolia</i>
	oceanspray	<i>Holodiscus discolor</i>
Bare root (or container seedling)	vine maple	<i>Acer circinatum</i>
	Saskatoon serviceberry	<i>Amelanchier alnifolia</i>
	black hawthorns (Douglas, Suksdorf)	<i>Crataegus douglasii</i> , <i>C. suksdorfii</i>
	cascara	<i>Frangula</i> (<i>Rhamnus</i>) <i>purshiana</i>
	Oregon grapes (tall & creeping)	<i>Mahonia</i> (<i>Berberis</i>) <i>aquifolium</i> , <i>M. repens</i>
	Oregon crab apple	<i>Malus fusca</i>
	ponderosa pine	<i>Pinus ponderosa</i>
	bitter cherry	<i>Prunus emarginata</i>
	black chokecherry	<i>Prunus virginiana</i> var. <i>melanocarpa</i>
	Oregon white oak	<i>Quercus garryana</i>
	roses (balhip, Nootka, & swamp)	<i>Rosa gymnocarpa</i> , <i>R. nutkana</i> var. <i>nutkana</i> , <i>R. pisocarpa</i>
	thimbleberry	<i>Rubus parviflorus</i>
blue elderberry	<i>Sambucus nigra</i> ssp. <i>cerulea</i>	
western red cedar	<i>Thuja plicata</i>	

Online Resources for Native Woody Riparian Propagation

Arbor Day Foundation, Instructions and YouTube video on how to plant bare root trees,
<https://www.arborday.org/trees/planting/bare-root.cfm>

Field Guide for the Identification and Use of Common Riparian Woody Plants of the Intermountain West and Pacific Northwest Regions. USDA-NRCS Aberdeen Plant Materials Center, Aberdeen, ID.
http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs144p2_045486.pdf

Grow Your Own Native Landscape: A Guide to Identifying, Propagating and Landscaping with Western Washington Native Plants by Michael Leigh. Washington State University Extension, 1999.
<http://jeffersoncd.org.s13831.gridserver.com/wp/wp-content/uploads/2014/05/Grow-your-own-native-landscape.pdf>

Native Plant Network, Propagation Protocol Database - searchable database of protocols for thousands of species <http://nnp.rngr.net/propagation/protocols>

Nursery Manual for Native Plants: A Guide for Tribal Nurseries, USDA Forest Service Ag. Handbook 730,
http://www.fs.fed.us/rm/pubs_other/wo_AgricHandbook730.pdf

Raising Native Plants in Nurseries: Basic Concepts, USDA Forest Service (2012)
http://www.fs.fed.us/rm/pubs/rmrs_gtr274.pdf

Washington Native Plant Society, Burke Museum of Natural History and Culture, winter twig identification key,
<http://biology.burke.washington.edu/herbarium/imagecollection.php?Page=wintertwigkey.php>

Woody Plant Seed Manual, USDA Forest Service Agriculture Handbook 727 (1974),
<http://www.rngr.net/publications/wpsm>

USDA PLANTS Database, Plant Guides/Fact Sheets searchable by common or scientific name,
<http://plants.usda.gov>

Books on Native Woody Riparian Propagation

Gardening with Native Plants of the Pacific Northwest: An Illustrated Guide by Arthur R. Kruckeberg.
University of Washington Press, Second Edition, 1996.

Winter in the Woods: A Winter Guide to Deciduous Native Plants in Western Washington. Washington State University Extension, 1999.

Sources for Propagation Supplies

Grower's Nursery Supply, 3695 Clausen Acres Ln NE, Salem, OR 97303 (503) 393-6411 www.growers-inc.com

Stuewe & Sons Inc., 31933 Rolland Drive, Tangent, OR 97389, (541) 757-7798 www.stuewe.com

USDA-NRCS Corvallis Plant Materials Center, (541) 757-4812, 3415 NE Granger Ave, Corvallis, OR 97330
<http://www.nrcs.usda.gov/wps/portal/nrcs/main/plantmaterials/pmc/west/orpmc/>

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