




















































## Native Trees and Shrubs in Coastal Douglas-Fir Woodlands

 : attracts birds;  : attracts pollinators;  : butterfly larval food;  : butterfly larval food

Max Height/Spread  
Growth Rate  
Dry  
Moist  
Seasonally Wet  
Full Sun  
Part Sun  
Full Shade

Common Name	Scientific Name	Characteristics	(m)								Wildlife	Pollinator Friendly	Drought Resistant	Food/Medicine	Easy-to-Grow	Propogation
<b>LARGE Evergreen Trees</b>																
Grand Fir	<i>Abies grandis</i>	Tolerates full sun to full shade on dry to moist sites; grows best on fresh to moist, nutrient-rich sites.	50 12	med	✓	✓	✓	✓	✓		 					Cones
Douglas-fir	<i>Pseudotsuga menziesii</i>	Prefers drier sites; roots provide stability in eroding areas and help create fish habitat.	70 18	fast	✓	✓	✓	✓	✓		 				✓	Cones
Western Redcedar	<i>Thuja plicata</i>	Grows best on seepage or floodplain sites, common along streambanks.	60 10	med		✓	✓	✓	✓	✓	 					Cones
Western Hemlock	<i>Tsuga heterophylla</i>	Tolerates full sun to full shade on moist to dry slopes; grows best on river terraces and flats. Not common in our region.	60 12	fast		✓	✓	✓	✓	✓						Cones
<b>SMALL/MEDIUM Evergreen Trees</b>																
Arbutus	<i>Arbutus menziesii</i>	Large broadleaf evergreen tree; reddish peeling bark, white flowers and red fruit (in fall).	30 15	very slow	✓				✓	✓	  		✓			Berries
Shore Pine	<i>Pinus contorta</i>	To 30m if straight; often has crooked form; tolerant of low-nutrient conditions and exposed windy coastal sites.	20 5	med	✓				✓	✓			✓			Cones
Western White Pine	<i>Pinus monticola</i>	Full sun to part shade; prefers moist to dry slopes in the lowland and montane zones.	40 10	med	✓				✓	✓			✓			Cones
Western Yew	<i>Taxus brevifolia</i>	Tolerates partial sun to full shade on moist sites; grows best in productive older forests.	15 8	slow		✓	✓	✓	✓	✓						Cones
<b>LARGE Deciduous Trees</b>																
Bigleaf Maple	<i>Acer macrophyllum</i>	Large deciduous tree; dry to moist sites; deep wide root system provides good erosion control on slopes.	35 18	fast	✓	✓	✓	✓	✓		 			✓	✓	Seeds
Red Alder	<i>Alnus rubra</i>	Fast growing hardy deciduous tree; nitrogen fixer that seeds prolifically on bare soil; typical 40-50 year lifespan.	25 10	very fast	✓	✓	✓	✓	✓		 				✓	Cones
Western Flowering Dogwood	<i>Cornus nuttallii</i>	Medium deciduous tree; moist, well-drained sites; grows best along streams or gullies in mixed forest.	20 6	med		✓	✓			✓	 	✓			✓	Berries
Oregon Ash	<i>Fraxinus latifolia</i>	Medium deciduous tree; On low elevation wet to moist sites; prefers streams and estuaries in the lowland zone.	20 8	med		✓	✓	✓	✓				✓			Seeds
Black Cottonwood	<i>Populus balsamifera</i>	Fast growing deciduous tree; prefers moist to saturated soils including floodplains; good for streambank stabilization.	60 12	very fast	✓	✓	✓	✓	✓		 					Buds
Trembling Aspen	<i>Populus tremuloides</i>	Moist to moderate soils including moist ravines and some floodplains; pioneer species increasing soil nutrients	25 6	fast	✓	✓	✓	✓	✓		 					Root cuttings
Garry Oak	<i>Quercus garryana</i>	Much smaller on exposed sites; associated with many native wildflowers; very drought resistant.	25 14	very slow	✓				✓	✓	 		✓	✓		Acorns
<b>SMALL/MEDIUM Deciduous Trees</b>																
Douglas Maple	<i>Acer glabrum</i>	Usually an understory tree in moist areas; showy fall colour; good for shore stabilization.	10 8	med	✓	✓	✓	✓	✓	✓						Seeds
Black Hawthorn	<i>Crataegus douglasii</i>	High resistance to beaver damage, good choice for streamside; long sharp spines have a human buffering value.	10 8	med	✓	✓	✓	✓	✓	✓	 	✓		✓		Berries

Pacific Crab Apple	<i>Malus fusca</i>	Shrub or small tree; prefers moist areas near standing or flowing water; small apples are edible but tart.	10 10	med		✓	✓	✓	✓		 			✓		Apples	
Bitter Cherry	<i>Prunus emarginata</i>	Shrub or small tree; prefers moist areas and along streams; bright red cherries are great for attracting wildlife.	15 6	med		✓	✓	✓	✓		 	✓		✓		Cherries	
Cascara	<i>Rhamnus purshiana</i>	Good for slope stabilizing and erosion control; fruits are good for birds; bark is a strong laxative which deters beavers.	12 8	slow		✓	✓	✓	✓	✓						Berries	
Hooker's Willow	<i>Salix hookeriana</i>	Lance to egg shaped leaves; valuable restoration species for slope and streambank stabilization.	8 6	fast		✓	✓	✓	✓		  				✓	Cuttings	
Pacific Willow	<i>Salix lucida</i>	River banks, wet meadows, even standing water; valuable restoration species for stabilization.	11 8	fast		✓	✓	✓	✓		  				✓	Cuttings	
Scouler's Willow	<i>Salix scouleriana</i>	Common in streamsides, clearings, forest edges; valuable for slope and streambank stabilization and bio-engineering.	12 12	fast		✓	✓	✓	✓		  				✓	Cuttings	
Sitka Willow	<i>Salix sitchensis</i>	Deciduous shrubby tree; grows quickly in moist to saturated soils; excellent choice for streambank stabilization.	12 6	fast		✓	✓	✓	✓		  				✓	Cuttings	
<b>LARGE Shrubs</b>																	
Saskatoon	<i>Amelanchier alnifolia</i>	Clusters of white flowers become small fruit; good for shore stabilization on drier sites. Not shade tolerant.	5 3	med	✓	✓	✓	✓	✓	✓	 	✓		✓		Berries	
Red-osier Dogwood	<i>Cornus stolonifera</i>	Freely spreading red-stemmed deciduous shrub; prefers moist soils; propagates from cuttings.	6 3	very fast		✓	✓	✓	✓		 				✓	Cuttings	
Oceanspray	<i>Holodiscus discolor</i>	Several main stems to 4m tall; lilac-like clusters of white flowers become brown and remain through winter.	4 1.5	fast	✓	✓	✓	✓	✓	✓	  	✓		✓		✓	Seeds
Black Twinberry	<i>Lonicera involucrata</i>	Several upright stems; moist forest, thicket, and streamside habitats; fast-growing, valuable riparian species.	3 1.5	fast		✓	✓	✓	✓		 	✓			✓	✓	Seeds
Indian Plum	<i>Oemleria cerasiformis</i>	Deciduous; early clusters of white flowers, edible plum-like fruits; prefers dry to moist sites in open areas.	5 2	fast	✓	✓		✓	✓	✓	  	✓		✓		✓	Plums
<b>LARGE Shrubs (cont...d)</b>																	
Mock Orange	<i>Philadelphus lewisii</i>	Very showy deciduous shrub; clusters of fragrant white flowers attract butterflies; Lives in a variety of habitats.	3 2	fast	✓	✓		✓	✓	✓	 	✓		✓		✓	Seeds
Pacific Ninebark	<i>Physocarpus capitatus</i>	Deciduous shrub, terminal clusters of small white flowers; sun to shade in moist humus-rich soil.	3 4	fast		✓	✓		✓						✓	Seeds	
Salmonberry	<i>Rubus spectabilis</i>	Early showy pink flowers, tasty orange/red berries; stream banks, swamps; early colonizer; spreads rapidly.	4 2	med		✓	✓		✓	✓	 	✓			✓	Berries	
Blue Elderberry	<i>Sambucus cerulea</i>	Deciduous; Moist to mesic meadows, grasslands, shrublands, disturbed areas, and open forests.	6 3	fast		✓	✓	✓	✓	✓	 	✓			✓	Berries	
Red Elderberry	<i>Sambucus racemosa</i>	Fast growing erect shrub to 6m; stream banks, swampy thickets, and moist clearings; streambank stabilization.	6 3	fast		✓	✓	✓	✓	✓	 	✓			✓	Berries	
Evergreen Huckleberry	<i>Vaccinium ovatum</i>	Evergreen shrub that forms a good screen; edible berries good for wildlife; broad range of habitats if moist enough.	4 2	med		✓	✓		✓	✓	 				✓	✓	Berries
<b>SMALL/MEDIUM Shrubs</b>																	
Salal	<i>Gaultheria shallon</i>	Most common forest understorey shrub in our region. grows to 5m tall (usually less than 1m in our region).	1 .5	med	✓	✓			✓	✓	  				✓	✓	Berries
Black Gooseberry	<i>Ribes laclustre</i>	Slender, sharp prickles; moist, nutrient rich soils in semi-forested areas and stream banks. Good for deterring humans.	2 1	med		✓	✓	✓	✓	✓	  				✓	Berries	
Baldhip Rose	<i>Rosa gymnocarpa</i>	Spindly deciduous shrub with pink flowers; red hips persist through winter; spreads readily by underground runners.	1.5 1	med			✓		✓		  						Rose hips

Nootka Rose	<i>Rosa nutkana</i>	Deciduous with broad pink flowers; red hips persist through winter; thickets create an effective barrier.	3 2	med		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	Rose hips
Clustered Rose	<i>Rosa pisocarpa</i>	Deciduous with clusters of pink flowers; red hips persist through winter; moist thickets, streambanks, and swamps.	2 1	med	✓	✓	✓	✓	✓	✓	✓		✓				Rose hips
Thimbleberry	<i>Rubus parviflorus</i>	Open sites, roadsides, exposed stream areas; dense thickets for stabilizing dry slopes and streambanks.	3 2	fast		✓	✓	✓	✓	✓	✓		✓		✓	✓	Berries
Hardhack	<i>Spiraea douglasii</i>	Multi-branched shrub; dense terminal clusters of pink flowers; sun to semi-shade in moist to wet soils.	2 1	med		✓		✓		✓							Seeds
Snowberry	<i>Symphoricarpus albus</i>	Drought tolerant; excellent soil-binding characteristics; spreads readily by underground runners.	2 1	fast			✓		✓				✓	✓		✓	Seeds
<b>Wildflowers</b>																	
False Solomon's Seal	<i>Smilacina racemosa</i>	Grows in moist forests, along streambanks, in clearings		fast		✓	✓			✓			✓			✓	Berries
Hooker's Fairybells	<i>Disporum hookeri</i>	Grows in moist coniferous forests at low elevations		med		✓	✓			✓			✓				Berries
Western Trillium	<i>Trillium ovatum</i>	Grows in moist forests, along streambanks, in shaded areas		med		✓	✓			✓			✓				Seeds
False Lily of the Valley	<i>Maianthemum dilatatum</i>	Grows in moist to wet shady woods, along streambanks		fast		✓	✓			✓			✓		✓	✓	Berries
White Fawn Lily	<i>Erythronium oregonum</i>	Grows in well drained, grassy open woodlands, forest edges		slow		✓				✓			✓				Bulbs
Nodding Onion	<i>Allium cernuum</i>	Grows in dry open forests, grassy slopes, often with Douglas-fir		slow	✓					✓			✓	✓	✓	✓	Bulbs
Fool's Onion	<i>Brodiaea hyacinthina</i>	Grows in dry open grasslands at low elevations		slow	✓			✓					✓	✓			Seeds
Miner's Lettuce	<i>Claytonia perfoliata</i>	Grows in moist to dry, open to shady woodland sites, adjacent to trees and shrubs		fast		✓				✓					✓	✓	Seeds
Smooth Alumroot	<i>Heuchera glabra</i>	Grows in rocky meadows, along streambanks, moist rocks		slow		✓	✓			✓					✓		Seeds
Fringecup	<i>Tellima grandiflora</i>	Grows in moist forests on path edges, streambanks, glades		fast		✓				✓					✓	✓	Seeds
Foamflower	<i>Tiarella trifoliata</i>	Grows in moist shady coniferous forests, on streambanks		slow		✓						✓	✓				Seeds
Western Buttercup	<i>Ranunculus occidentalis</i>	Grows in open to shady moist meadows, woodland edges		fast		✓				✓			✓	✓		✓	Seeds
Red Columbine	<i>Aquilegia formosa</i>	Grows in variety of moist, open to shady forest sites, meadows and clearings		fast		✓				✓			✓		✓	✓	Seeds
Menzie's Larkspur	<i>Delphinium menziesii</i>	Grows on grassy bluffs, vernal grassland and in meadows		med		✓				✓			✓			✓	Seeds
Goat'sbeard	<i>Aruncus dioicus</i>	Grows in 'edge' habitats on roadsides, forests, streambanks		fast	✓					✓			✓		✓	✓	Seeds
Large-leaved Avens	<i>Geum macrophyllum</i>	Grows in open forests, along pathways		fast	✓					✓			✓		✓	✓	Seeds
Large-leaved Lupine	<i>Lupinus polyphyllus</i>	Grows in variety of open habitats, meadows, slopes		fast		✓			✓				✓				Seeds
Early Blue Violet	<i>Viola adunca</i>	Grows in dry to moist meadows, open woods, grasslands		fast		✓				✓			✓	✓	✓	✓	Seeds
Fireweed	<i>Epilobium angustifolium</i>	Grows in moist to dry disturbed sites, including roadsides and recent burns		fast	✓	✓		✓					✓	✓	✓	✓	Seeds

Cow-Parsnip	<i>Heracleum lanatum</i>	Grows on streambanks, moist slopes, clearings, meadows, thickets, roadsides		med	✓	✓	✓			✓		✓		Seeds
Pacific Sanicle	<i>Sanicula crassicaulis</i>	Grows in moist to dry open forest, thickets on shoreline bluffs		fast	✓	✓	✓			✓			✓	Burs
Pacific Water Parsley	<i>Oenanthe sarmentosa</i>	Grows in wet sites in thickets, along streams, sloughs, wet meadows and forest edges		fast		✓	✓	✓				✓	✓	Seeds
Field Mint	<i>Mentha arvensis</i>	Grows on streambanks, wet meadows, clearings, seepage sites, shorelines		fast		✓	✓		✓	✓		✓	✓	Nutlets
Yerba Buena	<i>Satureja douglasii</i>	Grows in open, well drained coniferous forest, rocky thickets		fast	✓			✓		✓	✓	✓	✓	Nutlets
Self-Heal	<i>Prunella vulgaris</i>	Grows in moist roadsides, ditches, clearings, forest edges		fast		✓	✓	✓		✓		✓	✓	Nutlets
Yarrow	<i>Achillea millefolium</i>	Grows in dry to moist, well-drained meadows, rocky slopes, in open forest		fast	✓	✓		✓		✓	✓	✓	✓	Achenes
Douglas Aster	<i>Aster subspicatus</i>	Grows on beaches, meadows, thicket edges, moist clearings		fast		✓		✓		✓			✓	Achenes
Canada Goldenrod	<i>Solidago canadensis</i>	Grows on roadsides, meadows, thickets, forest openings and edges		fast	✓			✓		✓	✓	✓	✓	Achenes