

DOUGLAS FIR/HEMLOCK FOREST BIOME: Partial to Full Shade

LARGE TREES (More than 30ft)

Common Name	Scientific Name	Moisture Conditions
Douglas Fir	<i>Pseudotsuga menziesii</i>	Any moisture
Grand Fir	<i>Abies grandis</i>	Moist-seasonally wet
Bigleaf Maple	<i>Acer macrophyllum</i>	Moist-seasonally wet
Red Alder	<i>Alnus rubra</i>	Moist-seasonally wet
Pacific Dogwood	<i>Cornus nuttallii</i>	Moist-seasonally wet
Oregon Ash	<i>Fraxinus latifolia</i>	Moist-seasonally wet
Black Cottonwood	<i>Populus trichocarpa</i>	Moist-seasonally wet
Scouler Willow	<i>Salix scouleriana</i>	Moist-seasonally wet
Pacific Yew	<i>Taxus brevifolia</i>	Moist-seasonally wet
Western Hemlock	<i>Tsuga heterophylla</i>	Moist-seasonally wet
Western Red Cedar	<i>Thuja plicata</i>	Moist-seasonally wet

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SMALL TREES (Up to 30ft)

Common Name	Scientific Name	Moisture Conditions
Black Hawthorn	<i>Crataegus suksdorfii/douglasii</i>	Any moisture
Bitter Cherry	<i>Prunus emarginata</i>	Dry-moist
Vine Maple	<i>Acer circinatum</i>	Moist-seasonally wet
Western Crabapple	<i>Malus fusca</i>	Moist-seasonally wet
Cascara	<i>Rhamnus purshiana</i>	Moist-seasonally wet
Sitka Willow	<i>Salix sitchensis</i>	Moist-seasonally wet

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LARGE SHRUBS (Up to 20ft)

Common Name	Scientific Name	Moisture Conditions
Tall Oregon Grape	<i>Berberis (Mahonia) aquifolium</i>	Any moisture
Oceanspray	<i>Holodiscus discolor</i>	Any moisture
Mock Orange	<i>Philadelphus lewisii</i>	Any moisture
Common Chokecherry	<i>Prunus virginiana</i>	Any moisture
Thimbleberry	<i>Rubus parviflorus</i>	Any moisture
Western Serviceberry	<i>Amelanchier alnifolia</i>	Dry-moist
Osoberry	<i>Oemleria cerasiformis</i>	Dry-moist
Red Flowering Currant	<i>Ribes sanguineum</i>	Dry-moist
Sticky Currant	<i>Ribes viscosissimum</i>	Dry-moist
Nootka Rose	<i>Rosa nutkana</i>	Dry-moist
Blue Elderberry	<i>Sambucus nigra ssp. caerulea</i>	Dry-moist
Evergreen Huckleberry	<i>Vaccinium ovatum</i>	Dry-moist
Red Huckleberry	<i>Vaccinium parvifolium</i>	Dry-moist
Oval-leaved Viburnum	<i>Viburnum ellipticum</i>	Dry-moist

Hazelnut	<i>Corylus cornuta</i>	Moist
Western Wahoo	<i>Euonymus occidentalis</i>	Moist
Salmonberry	<i>Rubus spectabilis</i>	Moist
Redosier dogwood	<i>Cornus sericea</i>	Moist-seasonally wet
Black Twinberry	<i>Lonicera involucrata</i>	Moist-seasonally wet
Pacific Ninebark	<i>Physocarpus capitatus</i>	Moist-seasonally wet
Red Elderberry	<i>Sambucus racemosa</i>	Moist-seasonally wet

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SMALL SHRUBS and FERNS (Up to 5ft)

Common Name	Scientific Name	Moisture Conditions
Badhip Rose	<i>Rosa gymnocarpa</i>	Any moisture
Pacific Blackberry	<i>Rubus ursinus</i>	Any moisture
Common Snowberry	<i>Syphoricarpos albus</i>	Any moisture
Cascade Oregon Grape	<i>Berberis (Mahonia) nervosa</i>	Dry-moist
Salal	<i>Gaultheria shallon</i>	Dry-moist
Sword Fern	<i>Polystichum munitum</i>	Dry-moist
Bracken Fern	<i>Pteridium aquilinum</i>	Dry-moist
Hairy Honeysuckle	<i>Lonicera hispidula</i>	Moist
Maidenhair Fern	<i>Adiantum pedatum</i>	Moist
Lady Fern	<i>Athyrium filix-femina</i>	Moist-seasonally wet
Deer Fern	<i>Blechnum spicant</i>	Moist-seasonally wet
Wood Fern	<i>Dryopteris arguta</i>	Moist-seasonally wet
Spreading Wood Fern	<i>Dryopteris expansa</i>	Moist-seasonally wet
Licorice Fern	<i>Polypodium glycyrrhiza</i>	Moist-seasonally wet
Swamp Rose	<i>Rosa pisocarpa</i>	Moist-seasonally wet

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HERBACEOUS LAYER – GRASSES, SEDGES, and RUSHES:

Common Name	Scientific Name	Moisture Conditions
Small-flowered Woodrush	<i>Luzula parviflora</i>	Dry-moist
Blue Wildrye	<i>Elymus glaucus ssp. glaucus</i>	Dry-moist
Western Fescue	<i>Festuca occidentalis</i>	Dry-moist
Henderson's Wood Sedge	<i>Carex hendersonii</i>	Moist
Slender-foot sedge	<i>Carex leptopoda</i>	Moist

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HERBACEOUS LAYER – PERENNIALS, ANNUALS, BIENNIALS (forbs)

Common Name	Scientific Name	Moisture Conditions
Oregon Iris	<i>Iris tenax</i>	Any moisture
Hooker's Fairy-bell	<i>Disporum hookeri</i>	Any moisture

Scouler's Bellflower	<i>Campanula scouleri</i>	Dry
Vanilla Leaf	<i>Achlys triphylla</i>	Dry-moist
Fireweed	<i>Chamerion angustifolium</i> var. <i>canescens</i>	Dry-moist
Wood Strawberry	<i>Fragaria vesca</i> var. <i>bracteata</i>	Dry-moist
Cleavers	<i>Galium aparine</i>	Dry-moist
Twinflower	<i>Linnaea borealis</i>	Dry-moist
Hooker's Bells	<i>Prosartes (Disporum) hookeri</i>	Dry-moist
Smith's Bells	<i>Prosartes (Disporum) smithii</i>	Dry-moist
Fringecup	<i>Tellima grandiflora</i>	Dry-moist
Foam Flower	<i>Tiarella trifoliata</i> var. <i>unifoliata</i>	Dry-moist
Inside-Out Flower	<i>Vancouveria hexandra</i>	Dry-moist
Baneberry	<i>Actaea rubra</i>	Moist
Western White Anemone	<i>Anemone deltoidea</i>	Moist
Red Columbine	<i>Aquilegia formosa</i>	Moist
Goatsbeard	<i>Aruncus dioicus</i> var. <i>acuminatus</i> .	Moist
Wild Ginger	<i>Asarum caudatum</i>	Moist
Calypso Orchid	<i>Calypso bulbosa</i>	Moist
Angled Bitter-cress	<i>Cardamine angulate</i>	Moist
Enchanter's Nightshade	<i>Circaea alpine</i>	Moist
Candyflower	<i>Claytonia (Montia) sibirica</i>	Moist
Bunchberry	<i>Cornus unalaschkensis canadensis</i>	Moist
Scouler's Corydalis	<i>Corydalis scouleri</i>	Moist
Pacific Bleeding Heart	<i>Dicentra Formosa</i>	Moist
Smallflowered Alumroot	<i>Heuchera micrantha</i>	Moist
Pacific Waterleaf	<i>Hydrophyllum tenuipes</i>	Moist
Parsley-leaved Lovage	<i>Ligusticum apiifolium</i>	Moist
Western False Solomon's Seal	<i>Maianthemum racemosa</i>	Moist
Starry False Solomon's Seal	<i>Maianthemum stellata</i>	Moist
Five-stamened Mitrewort	<i>Mitella pentandra</i>	Moist
Mountain Sweet-Cicely	<i>Osmorhiza berteroi</i>	Moist
Redwood Sorrel	<i>Oxalis oregana</i>	Moist
Native Heal-all	<i>Prunella vulgaris</i> var. <i>lanceolata</i>	Moist
Yerba Buena	<i>Satureja douglasii</i>	Moist
Twisted Stalk	<i>Streptopus amplexifolius</i>	Moist
Western Meadow Rue	<i>Thalictrum occidentale</i>	Moist
Piggy-back Plant	<i>Tolmiea menziesii</i>	Moist
Western Trillium	<i>Trillium ovatum</i>	Moist
Yellow Stream Violet	<i>Viola glabella</i>	Moist
Skunk Cabbage	<i>Lysichiton americanum</i>	Moist-perennially wet
Tall Boykinia	<i>Boykinia major</i>	Moist-seasonally wet
Miner's Lettuce	<i>Claytonia (Montia) perfoliata</i>	Moist-seasonally wet
False Lily of the Valley	<i>Maianthemum dilatatum</i>	Moist-seasonally wet
Bluebells	<i>Mertensia platyphylla</i>	Moist-seasonally wet
Leafy Mitrewort	<i>Mitella caulescens</i>	Moist-seasonally wet
Streambank Springbeauty	<i>Montia parvifolia</i>	Moist-seasonally wet

Devil's Club	<i>Oplopanax horridus</i>	Moist-seasonally wet
Coltsfoot	<i>Petasites frigidus (palmatus)</i>	Moist-seasonally wet
Wintergreen	<i>Pyrola asarifolia</i>	Moist-seasonally wet
Cow Parsnip	<i>Heracleum lanatum</i>	Moist-wet