

Lower Seymour Conservation Reserve ~ Plant Salvage Program

PAGE ONE

Tree Layer

SCIENTIFIC NAME	COMMON NAME	PLANT TYPE	MAXIMUM HEIGHT	SHADE TOLERANCE	SOIL MOISTURE	SOIL NUTRIENTS	GROUND SURFACE
<i>Pseudotsuga menziesii</i>	Douglas fir	coniferous	75.0m	shade intolerant	moderately dry*	nitrogen-medium	
<i>Picea sitchensis</i>	Sitka spruce	coniferous	70.0m	shade intolerant to tolerant/intolerant	fresh to very moist*		
<i>Tsuga heterophylla</i>	western hemlock	coniferous	60.0m	very shade tolerant	fresh	nutrient-medium	
<i>Thuja plicata</i>	western red cedar	coniferous	60.0m	shade tolerant to tolerant/intolerant	fresh to moist	nitrogen-rich	no indicator value
<i>Populus trichocarpa</i>	black cottonwood	deciduous	50.0m	shade intolerant	fresh to very moist	nitrogen-rich	friable humus
<i>Acer macrophyllum</i>	bigleaf maple	deciduous	35.0m	shade intolerant	dry to very moist*	nitrogen-rich	friable humus
<i>Alnus rubra</i>	red alder	deciduous	25.0m	shade intolerant	moist*	nitrogen-rich	friable humus
<i>Taxus brevifolia</i>	western yew	coniferous	to 15.0m	shade tolerant	moderately dry to fresh*		

Shrub Layer

<i>Acer circinatum</i>	vine maple	deciduous tree	7.0m	shade tolerant to intolerant	fresh to very moist	nitrogen-rich	friable humus
<i>Sambucus racemosa</i>	red elderberry	deciduous	6.0m	shade tolerant to tolerant/intolerant	fresh to very moist	nitrogen-rich	friable humus
<i>Menziesia ferruginea</i>	false azalea	deciduous	3.0m	shade tolerant/intolerant	moderately dry to fresh	nitrogen-poor	compacted humus
<i>Oplopanax horridus</i>	devil's-club	deciduous	3.0m	shade-tolerant	very moist to wet	nitrogen-rich	friable humus
<i>Ribes bracteosum</i>	stink currant	deciduous	3.0m	shade tolerant/intolerant	very moist to wet	nitrogen-rich	friable humus
<i>Spiraea douglasii</i>	hardhack	deciduous	2.0m	shade intolerant	very moist to wet	nitrogen-medium	
<i>Rubus spectabilis</i>	salmonberry	deciduous	2.0m	shade tolerant/intolerant	very moist to wet	nitrogen-rich	friable humus
<i>Rubus parviflorus</i>	thimbleberry	deciduous	2.0m	shade tolerant/intolerant	no indicator value	nitrogen-rich	friable humus
<i>Vaccinium alaskaense</i>	Alaska blueberry	deciduous	2.0m	shade tolerant	fresh to very moist	nitrogen-poor	
<i>Vaccinium parvifolium</i>	red huckleberry	deciduous	2.0m	shade tolerant	no indicator value	nitrogen-poor	compacted humus
<i>Gaultheria shallon</i>	salal	broadleaf evergreen	1.5m	shade tolerant/intolerant	no indicator value	nitrogen-poor	compacted humus
<i>Mahonia nervosa</i>	dull Oregon grape	broadleaf evergreen	0.6m	shade tolerant/intolerant	moderately dry to fresh	nitrogen-medium	

Herb Layer

<i>Tiarella trifoliata</i>	three-leaved foamflower	perennial	0.5m	shade tolerant/intolerant	fresh to very moist	nitrogen-rich	friable humus
<i>Maianthemum dilitatum</i>	false lily-of-the-valley	perennial	0.4m	shade tolerant	very moist to wet	nitrogen-rich	friable humus
<i>Streptopus sp.</i>	twistedstalk species	perennial	0.3m	shade tolerant/intolerant	fresh to very moist	nitrogen-rich	friable humus
<i>Trientalis latifolia</i>	broad-leaved starflower	perennial	0.3m	shade tolerant/intolerant	moderately dry to fresh	nitrogen-medium	
<i>Cornus unalaschkensis</i>	bunchberry	evergreen perennial	0.2m	shade tolerant/intolerant	no indicator value	nitrogen-poor	compacted humus
<i>Luzula parviflora</i>	small-flowered woodrush	perennial	0.8m	shade tolerant/intolerant	fresh to very moist	nitrogen-medium	friable/comp. humus
<i>Lysichiton americanum</i>	skunk-cabbage	perennial	1.5m	shade tolerant/intolerant	wet to very wet	nitrogen-rich	

Small quantities of other species may be found

Ferns

<i>Athyrium filix-femina</i>	lady fern	fern	2.0m	shade-tolerant	very moist to wet	nitrogen-rich	friable humus
<i>Polystichum munitum</i>	sword fern	fern	1.0m	shade tolerant/intolerant	no indicator value	nitrogen-rich	friable humus
<i>Dryopteris expansa</i>	spiny wood fern	fern	1.0m	shade tolerant	fresh to very moist	nitrogen-medium	
<i>Blechnum spicant</i>	deer fern	fern	0.9m	shade tolerant	fresh to very moist	nitrogen-poor	compacted humus
<i>Polypodium glycyrrhiza</i>	licorice fern	fern	0.7m	shade intolerant		calcium-rich	

Invasive Plants (Not to be salvaged)

<i>Ilex aquifolium</i>	English holly	evergreen tree
<i>Cytisus scoparius</i>	Scotch broom	deciduous shrub
<i>Rubus discolor</i>	Himalayan blackberry	deciduous shrub
<i>Rubus laciniata</i>	evergreen blackberry	evergreen shrub

REFERENCE:

Klinka, K.A. et al. 1989. *Indicator Plants of Coastal British Columbia*. UBC Press, Vancouver BC. [QK203.B7153 1989; 581.5'222'097113]

NOTES:

Species that indicate nitrogen-poor soil are typically found on woody debris.

Friable humus is well-decomposed, loose organic matter.

Compacted humus is partially decomposed woody material.

FOR MORE INFORMATION:

NPSBC Native Plant Society of British Columbia

2012 William Street

Vancouver BC V5L 2X6

T: 604.255.5719

information@npsbc.org

www.npsbc.org