

The Plant Community of the LCC Nature Trail Plant Community and Associations¹

Biome: Broad Definition is Northwestern coniferous Forest

Habitat & Vegetation: Mixed coast forest with mid canopy shrubs and herbaceous ground cover

Plant Associations: *Pseudotsuga menziesii*/*Toxicodendron diversiloba*

Elevational Range: average 500 ft. Latitude 44°, Longitude 123°
Southern Willamette Valley foothills

Mean annual precipitation: 104 cm (40.9 in.)
5.3 cm (2.09 in.) between June and August

Growing season: Year round with greatest growth period from February to June.

Mean summer maximum temp:
27.9°C

Mean winter minimum temp:
0.1° C

Other attributes: soil type- clay, loam
Aspect 320° 15% slope gradient
Disturbance ecology- fire regime (natural & set) every 80-200 years, logging
Northernmost limit for *Quercus kelloggii*

Dominant/Indicator species:

Family	Genus/species
Aceraceae	<i>Acer macrophyllum</i>
Anacardiaceae	<i>Toxicodendron diversiloba</i>
Berberidaceae	<i>Berberis aquifolium</i>
Caprifoliaceae	<i>Symphiocarpus albus</i>
Dryopteraceae	<i>Polystichum munitum</i>
Fagaceae	<i>Quercus garryana</i>
Pinaceae	<i>Pseudotsuga menziesii</i> , <i>Pinus ponderosa</i>
Rosaceae	<i>Rubus discolor</i> , <i>Rubus ursinus</i> , <i>Oemleria cerasiformis</i>

For more complete species list please consult the **LCC Nature Trail Plant List Brochure**.

Sources:

- 1.) USDA Forest Service, "Field Guide to the Forested Plant Associations of the Westside Central Cascades of Northwest Oregon"
- 2.) USDA Forest Service, "Natural Vegetation of Oregon and Washington"
- 3.) Raven, Evert, & Eichorn, 1999. "Biology of Plants" 6th ed. Freeman/Worth Publishers. 944p.

LCC Nature Trail Resources:

<http://teach.lanecc.edu/bakerg/NatureTrail.htm>

Plant List Brochure: <http://teach.lanecc.edu/bakerg/objects/LCCNatureTrailBrochure.pdf>

<http://teach.lanecc.edu/bakerg/NatureTrailPlantCommunities.htm>

¹ Nature Trail Plant Communities.doc