

Northwest Native Conifers

Western Larch

Sheds its needles each Fall; exception to the rule of an evergreen tree "ever green." Often found with Douglas Fir (Kiosk 16) these trees grow new 1" needles each Spring. Needles are found in clumps, trees can reach 180' tall.

Native to eastern Washington, exhibited here because rules have exceptions.

Northwest Native Broadleaved Trees Madrona

Known as "Arbutus" 150 miles to the north (Canada) and "Madrone" south of the Siskiyou Mountains (southern Oregon to California and then east); this tree illustrates that the English language (with its 1 million words ... no other exception among deciduous trees in that it is "evergreen" (sheds its bark, but has more than 300,000) also evolves. Like the **Larch**, this tree is a contrary not its leaves). Most noted for its scaly and reddish-brown bark recognized from a long distance away; once abundant here, now found along shorelines.

Key facts to know: large alternate leaves, scaly reddish-brown bark difficult to grow, requires certain fungi in the soil; southwest exposure preferred here, evergreen.

Northwest Native Shrubs & Ferns

Chokecherry

Shrub to short tree; see a large specimen at your left (9 PM) by the waterfall. Its bark is purplish gray and it has oblong leaves. Used by pioneers and Native Americans for diet and smoking mixtures, large quantities are poisonous to animals with segmented stomachs.

Twinberry

Small to large shrub with branches that are quadrangular in shape. Leaves are elliptical to oval with distinctively sharp tips. It is 1 of 4 species of honeysuckle native to the Pacific NW, the latter 2 are planted by all kiosk posts (for their color). Look to your left to see the **Twinberry**.

Bracken Fern

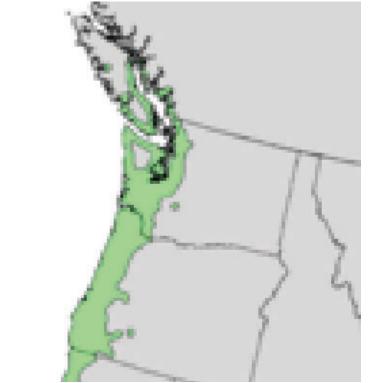
Common fern growing on open slopes; triangular, large fronds on a plant that may be 3' to 10' tall. Its leaves were thought to look like those of eagles' wings and Carl Linnaeus, who in 1758 gave us the species/genus taxonomy still used today, penned "aquilinum" (eagle) to describe. Deciduous, look for it along the path and on the hill behind you standing tall under the conifers.

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hics and ranges are "temps," ranges are from US Government w nd Wikipedia; our goal is to use our own photos of real plants ir









SPRING AZURE & ARBUTUS KIOSK #16 A Garden of Fame for Pilchuck Glass School Artists

1970 ~ 1982 spans the "old" pioneer era, while 1983 ~ 2002 represents the "new" American studio glass movement emerging from the Pilchuck Glass School, 2.7 miles to the NE of where you stand. Well over 100 individuals have made wonderful livelihoods while serving as teachers and emerging artists, some starting as students. Kiosk shelves focus on PGS's annual auction centerpieces; pond pedestals exhibit signature pieces of other artists. How many did you identify?

1988 - Bryan Rubino & William Morris (Leg Lessons)

This was the second year auction centerpieces ("craft" turned out in mass, \sim 75 flower vases) were used as educational experiments. The 1988 focus was "*legs,*" followed by "*handles*" in 1989. Byran, like others to follow, contributed hundreds of hours that were turned into revenue from auction sales, an important part of the School until 2014.

Apostles & Disciples' Martyrdoms & A Later Remembrance Andrew

The brother of Peter, who he introduced to Christ. Some say that Christianity occurs only in commune with other people, an act that requires communication and introduction. If so, Andrew's most important life's work might have been in that simple "introduction of one person to another," something that we can all do from time to time. Like all the other Apostles (with perhaps one exception), Andrew was crucified; in his case with use of an X-shaped cross found in his remembrance in many flags.

Peers in Holocaust - Grini Norway

Like Dietrich Bonhoeffer (for those over 74, he lived during our time) millions were exterminated in WW II because of their "differences;" with thanks to the old Church on the hill, we remember 765 Norwegians.

Other Plants

This kiosk's roof is planted with flowers favored by **Spring Azures**; **Twinberry** bushes, also favored, are found to your left. Behind you, at the bottom of the bank, are our 3 native stonecrop types, the:

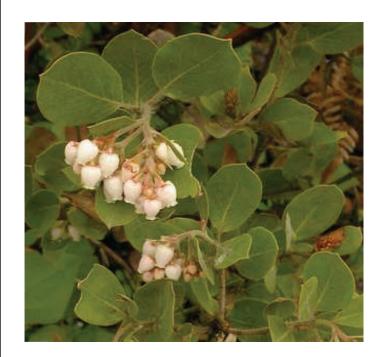
Spreading



Oregon







To your left is a **Hairy Manzanita** a small shrub in the NW. In California it is a small tree.

This is the Pacific NW (Cascadia's) botanical holocaust garden maintained by the Pilchuck Learning Center (a WA nonprofit) with a targeted list of ~1,000 native plant species. Visitors enter under the Revised Codes of the State of Washington - RCW 4.24.200 & 4.24.210 allowing public recreational use, including nature study and viewing or enjoying scenic or scientific sites/waterways on private land.





The pond seasonally displays Western Water Hemlock not to be confused (but easily done) with Poison Hemlock.

Glass Legacy

