CLODIUS PARNASSIAN BLEEDING HEART KIOSK #09

Northwest Native Conifers

Engelmann Spruce

This is the 2nd type of spruce native to the NW. We host 2 hemlock, 1 larch 3 juniper, 2 cedar, 4 true fir, 1 yew, 1 Douglas Fir, 4 pine. Can you identify them? Think of native trees like a high school with 169 students in a Senior Class and

~20 students in each classroom: there is a classroom of conifers (20), broadleaved trees (21), except for willows (18), shrubs (35), ground covers (24), ferns (16), 19 roses and berries, and butterflies (16). If you wish to know the names in a Junior Class of 168 students, you'd memorize our native birds!

Needles of the **Engelmann Spruce** are scattered over and around each twig with pointed tips; they are not as stiff and sharp as the **Sitka Spruce**'s (next Kiosk #08). Slow growing, it is found in damp, often sandy stream bottoms in mountainous areas; rare here, like the rarer Subalpine Fir and Whitebark Pine that you will also see in the Gardens.

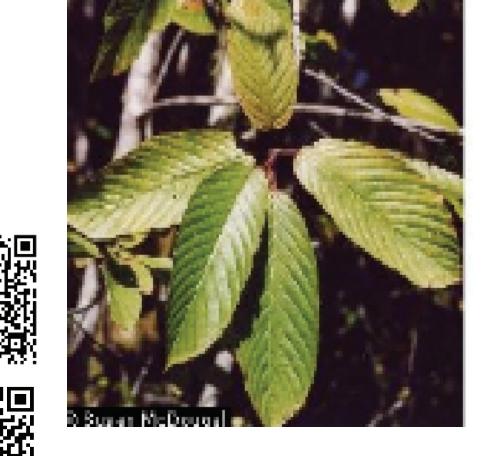
Northwest Native Broadleaved Trees

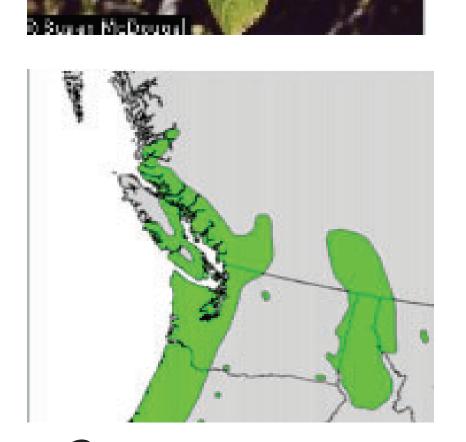
Cascara Buckthorn

Leaves are opposite and 2-6" long, circular and heart shaped at the base. For decades, this was the tree sought by teenagers wishing "spending money." Generations of boys and girls peeled the bark, dried it, and took it to the feed store in bags where it was sold for pennies a pound. Used for medicine; a laxative, cascara sangrada, was extracted.

A fast growing tree, usually found in the understory of forests, especially those with a mix of trees. The fruit is cherry-like, favored by native birds. **Clodius Parnassian** butterflies also favor **Bleeding Hearts**, an annual flower often found around Cascara in wet moist areas under taller trees. A **Cascara** stands immediately adjacent to your right.

If it's Spring, can you identify the Bleeding Hearts?





Can you identify the Cascara?

Northwest Native Shrubs & Ferns

Red-Osier Dogwood

A many stemmed shrub with young branches bright red to purple (older branches are gray). Leaves are long and opposite and are very green on top. It has white clustering flowers and grows everywhere in the Gardens' damp soils. Look for bushes with red stems to your left.

Licorice Fern

is an evergreen fern with a licorice-flavored root (rhizome). It was chewed by Native American Indians for its flavor and used as a medicine for sore throats. Found on moist banks, growing from logs, or to your left on the stump blackened in **the Big Burn** (note the loggers' notches).

Pilchuck Glass School Pioneers & Auction Centerpiece Designers_

1995 - Randy Walker (Candelabra ... assisted Katherine Gray)

Randy was first mentioned in the '95 Auction Catalog as assisting Katherine Gray; he assisted in making the 75-100 annual table centerpieces until 2014. Today an accomplished artist, his art is found in Schantz, Imago, Traver, Habitat & many other galleries. From Oklahoma, he lives in Bellingham. He has given more countless free hours (PGS has kept, until 2014, all revenues raised at its auctions) than any other artist. It is PGS's alumni artists who have fueled 1/2 its revenue.

2006 - Chuck Lopez (Opaque Vessel)

Chuck has over 2 decades of experiences with Pilchuck Glass, first as a volunteer, then a student, summer staff member, teaching assistant and as an Emerging Artist in Residence. He holds a BA from UofC and a Masters from Alfred University. Find his work today in galleries & museums.



Original editions are found in PLC's Perman these are scaled, attached replica



Apostles & Disciples' Martyrdoms & A Later Remembrance

Thomas

is the Apostle remembered forever as "doubting Thomas" in the Gospel of John. He traveled south from the Roman Empire, as far as India, where today he is regarded the Patron Saint of India. His manner of death is disputed, most likely by the spears and arrows of those who couldn't believe unless touched.

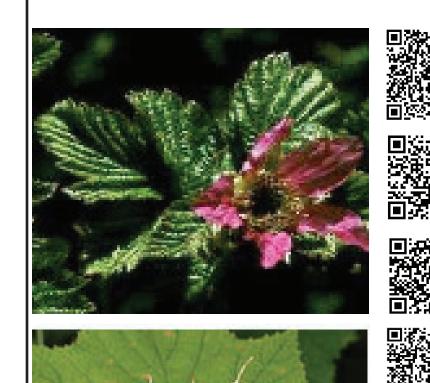
Peers in Holocaust - Belzec

This was the 1st of the extermination camps created to murder over 6 million Jews (there were but 15 million in the World at the time). Only 7 Jews imprisoned there survived WW II, only 2 submitted stories.

Another Type of Holocaust - Plants (think of many plants that do not easily reseed) The Big Burn "destruction on a mass scale" occurred where you stand (pioneers submerged in the stream and breathed through cloth). See the charred stump at your left (fuel was from loggers' "left-behind" debris). "Everything died."



This kiosk is planted (Cascara and Bleeding Hearts) to attract Clodius Parnassians, including:



Salmonberry that would take over the Gardens if allowed; we have small bushes to large (12' high behind you). An important food for the indigenous peoples, its berries were often mixed with Salmon roe. Pioneers made jellies, candy, jam and wine from its berries. Another Native American food source was the:



Thimbleberry has large green leaves and is a member of the "Rubus" family even though its branches have no spines. Its flowers are large, white, and give way to a red bright fruit that is an "aggregate," like a raspberry; leaves appear to be velvet.



