

University of Idaho Arboretum: Indigenous Botanical Listing

The following list identifies many of the plant species used by the area Tribes such as the Niimípuu (Nez Perce) and Schitsu'umsh (Coeur d'Alene), that are growing in the University of Idaho's Arboretum. It is only a partial listing of plants relied upon. The botanical names accompany the listing of commonly used English terms referred to by these communities. Locations in the Arboretum are indicated for each plant.

Foods, berries, seeds, roots, tubers, etc. (22):

"Arrowleaf Balsamroot" or "Sunflower" - *Balsamorhiza sigittata* – 12 XENI, XESI, 10 XEPE

Bitterroot - *Lewisia rediviva* - 12 XECA, XENI

Biscuitroot or "hog-fennel" - *Lomatium macrocarpum* 12 Q24, XENI, 11 Xeni

Cattails - *Typha angustifoli* and *T. latifolia* - along lower creek

Camas or "Blue camas" - *Camassia quamash* - 18 XENI, 20 P17, 90 Q23, 189 Q24, 450 Q23 XENI

Chokecherry - *Prunus virginiana* - 1 P27, 3 Q20

"Cow parsnip" - *Heracleum lanatum* and *H. maximum* - 4 Q24

Dogwood or "Red Osier" - *Cornus sericea* – 1 P24, 2 P24

Elderberry - *Sambucus racemose* and *S. nigra ssp. cerulean* - 1 P18, P26

Huckleberry - *Vaccinium membranaceum* - 1 O15

Kinnikinnick – *Arctostaphylos uva-ursi* – 29 XENI, XESI, 39 XEWN, XEWS, 35 Q13

"Lily" - *Lilium columbianum* - 4 XEPE

Oregon grape - *Mahonia aquifolium* - 1 O18, P12

Ponderosa pine - *Pinus ponderosa* - 15 N13, N14, 1 XENI

Prickly Pear Cactus – *Opuntia spp.* – 1 XECA, 2 XESI, 2 XECA

"Red-flowering currant" – *Ribes sanguineum* – 5 P22

Serviceberry - *Amelanchier alnifolia* - 3 P28, 1 P24, 1 O13

Snowberry - *Symphoricarpos albus* - 1 O15, 5 XENI, 4 O12, 3 Q24, 3 O13, O16, O17, 2 Q24

“Thornberries” or “Black Hawthorn” - *Crataegus douglasii* - 1 P27, 1 O13, 3 XENI

Thimbleberry - *Rubus parviflorus* – 9 O14, O15

“Wild onions” - *Allium cernuum* or *A. geyeri* or *A. acuminatum* – 5 XENI

White pine bark - *Pinus monticola* – 25 O16, O17, 1 P18, 9 O15, O16, P16, 4 P18, P19, 4 O17,

P23

Tools and Technology (9):

Algae or “green slime” - *Spirogyra spp.* - in ponds - (fish bait and green paint)

Birch bark – *Betula nigra* – 1 R13, 1 Q17, 3 Q28 (canoes)

Cattails - *Typha angustifoli* - along lower creek - (matting)

Chokecherry stems - *Prunus virginiana* – 1 P27, 3 Q20 (tools)

Tule or “Bulrush” - *Scirpus acutas* - along lower creek - (mats and shelter)

Hawthorn or “Black hawthorn” stems - *Crataegus douglasii* - 1 P27, 1 O13, 1 XENI (tools and digging stick)

Western red cedar - *Thuja plicata* – 22 N26, P13, P14, Q13 - (roots for baskets, bark for baskets, bark and trunks for canoes)

Dogwood or “Red Osier” - *Cornus sericea* – 1 P24, 2 P24 (tools)

White pine bark - *Pinus monticola* – 25 O16, O17, 1 P18, 9 O15, O16, P16, 4 P18, P19, 4 O17, P23 (canoes)

Ceremonial and Medicinal Uses (7):

Algae or “green slime” - *Spirogyra spp.* in ponds - (poultice for burns and frost-bite)

“Chokecherry bark” - *Prunus virginiana* - 1 P27, 3 Q20 (medicine)

Kinnikinnick – *Arctostaphylos uva-ursi* – 29 XENI, XESI, 39 XEWN, XEWS, 35 Q13 (medicine, smoke)

Ponderosa pine - *Pinus ponderosa* - 15 N13, N14, 1 XENI (medicine)

Western red cedar - *Thuja plicata* - 22 N26, P13, P14, Q13 (variety of health and spiritual cleansing uses)

Wild rosebush or "prickly Rose" - *Rosa acicularis* - 3 V8 (related to spiritual cleansing during and after funerals)

Yarrow – *Achillea millefolium* – 2 XEPE, 6 XEPE - (tea from flowers for flu and bladder troubles, wash with for arthritic limbs, poultice for burns)

Check for Presence in Arboretum:

"Black moss" - *Alectoria jubata* and *A. fremontii*

"Black tree lichen" – *Bryoria fremontii*

"Black root" - perhaps *Frasera montana* or *Valeriana edulis*

Cous - *Lomatium cous*

"Cub ears" likely "wintergreen" - *Pyrola asarifolia*

"Indian celery" *Lomatium nudicaule*

Jerusalem artichoke - *Helianthus tuberosus*

Lovage - *Ligusticum cambyi*

Mint - *Mentha arvensis*

Mushrooms (various)

"Soapberry" (also known as "foam berry" or "Indian Ice Cream;" *Shepherdia canadensis*)

"Water potato" - *Sagittaria latifolia*

"Wild carrots" *Perideridia gairdneri*

"Yellow root" or "Indian hellebore" - *Veratrum viride*