

Rare Plant Inventory and
Community Vegetation Survey
Squilchuck State Park



Cypripedium montanum, mountain
lady's-slipper, on the state Watch list,
present at Squilchuck State Park

Conducted for
The Washington State Parks and Recreation Commission
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In the summer of 2004, at the request of and under contract to the Washington State Parks Commission, a rare plant inventory and community vegetation survey was conducted at Squilchuck State Park by Dana Visalli and assisting botanists and GIS technicians. Squilchuck State Park is a 263 acre park on the east slope of the Cascade Mountains in Central Washington, located largely in the transition zone between shrub-steppe and montane forest.

Plant community polygons were delineated prior to the initiation of field surveys using orthophotos and satellite imagery. These polygons were then ground checked during the vegetation surveys, which were conducted simultaneously with the rare plant inventories. All plant associations were determined using the *Field Guide for Forested Plant Associations of the Wenatchee National Forest* (Lilybridge et al, 1995)



The Douglas-fir dominated forest above the lodge, on the eastern slopes of the park.
The forest on this east slope is in places heavily overstocked and the trees suppressed.

Vegetation surveys and plant inventories were conducted by two field personnel (one botanist, one GIS technician) on June 11th, and again by 4 field workers on August 13 (two botanists and two GIS technicians). All vascular plant species encountered were identified to species; a total of 219 species were found in the park. No plants listed by the Washington Natural Heritage Program as Threatened, Endangered or Sensitive (TES) were encountered during the inventory. Two small populations of mountain lady's-slipper (*Cypripedium montanum*) were found; this strikingly beautiful orchid was until recently a listed species in the state. It is now on the WNHP 'Watch' list, which is a category below the TES listings which the WNHP maintains to gather additional information on some formerly listed species that have proven to be more abundant in the state than was first thought to be the case.

The central area of the park served as a local ski area for the community of Wenatchee for a number of years before it was displaced by a larger resort higher in the nearby mountains. A small lodge is still maintained on the property, and adjacent to this there is large parking area, mowed fields, and the former ski hill, now largely returning to native vegetation. Near the entrance to the park there are several small fields that were farmed for some years, and are now a mix of native and non-native plant species. A small creek wells up out of the ground below the



The old ski lodge, with mowed area adjacent. Young Douglas-fir have crowded into what must have been an open area behind the lodge when the ski area was active.



Near the homesite at the north end of the park, an open area that was formerly field or pasture.

lodge, and runs through the park for several hundred yards before its confluence with Squilchuck Creek just outside the park boundaries. There is a small vernal pond in the park along the eastern boundary.

Most of the remainder of the park is covered by coniferous forest. A considerable portion of the park is on slopes with a northerly aspect; these areas are dominated by Douglas-fir. On several flat benches the forest quickly transitions to a more open ponderosa pine-dominated community, while on the true-north slopes and in the forested portion of the creek bottom grand fir appears, often in the shade of the Douglas-fir.

All of the forested areas appear to be second growth, with the majority of the trees being 60-100 years old. Some more mature Douglas-fir and ponderosa pine emerge from the forest canopy of younger trees in the southeast quadrant of the park. The north-facing slopes tend to be overstocked with crowded, suppressed Douglas-fir 6-12 inches in diameter that would doubtless



The site of the small vernal pond in the northeast quadrant of the park, dry in August when this picture was taken.

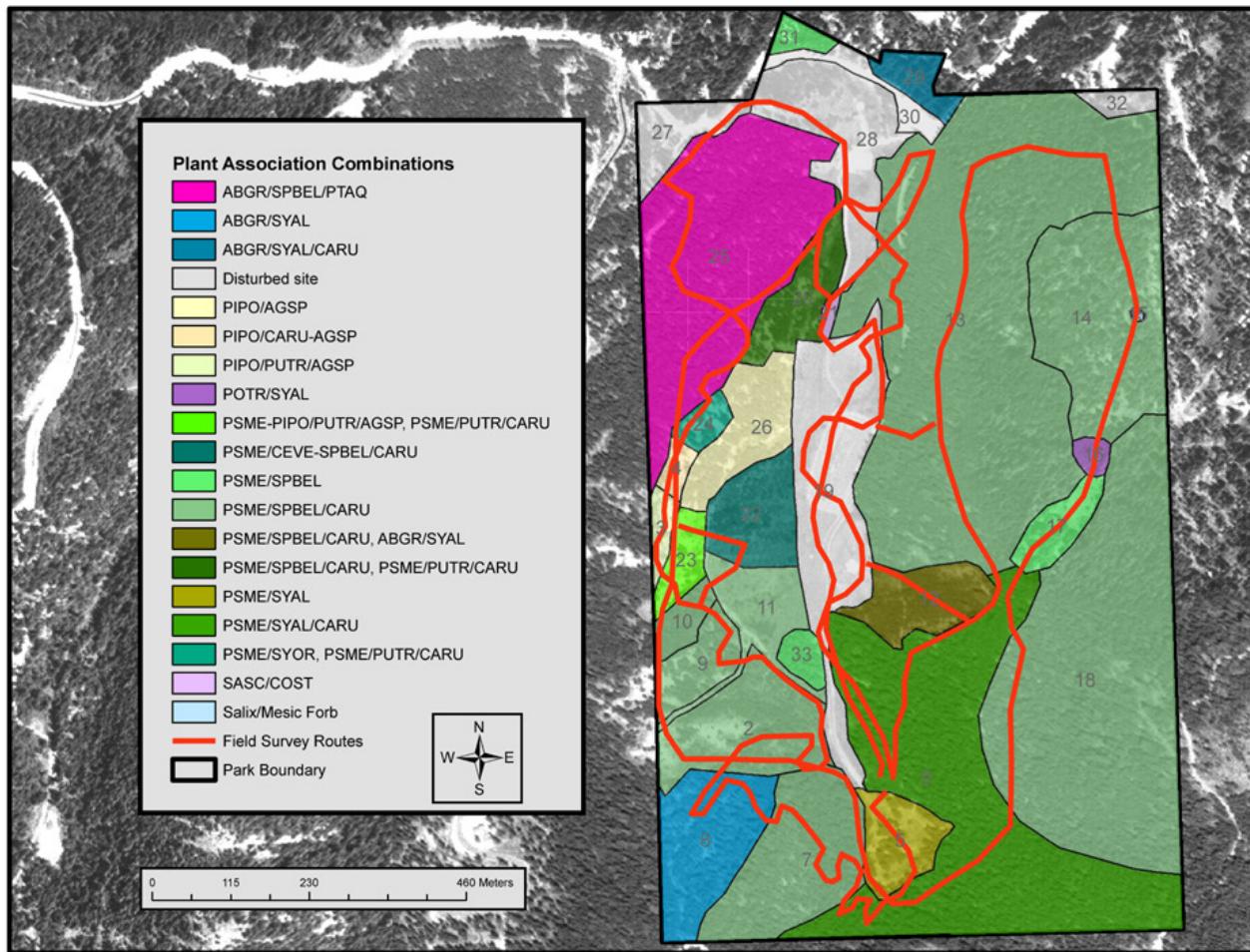


The only aspen grove in the park, also in the northeast quadrant

benefit from a prescribed burn. Nearby private dwellings may preclude this kind of treatment. Near the entrance to the park, in the cool and damp of the creek bottom, there are a small number of maturing grand fir.

Weeds are abundant in the former parking area of the ski hill and in the adjacent mowed fields. Several of the weed species in the park are on the county noxious weed list--notably diffuse knapweed (*Centaurea diffusa*) and butter-and-eggs (*Linaria vulgaris*); the local ranger is well aware of these species and it is our impression that he is already working to eradicate them. Because there is so much heavily disturbed ground in the vicinity of the former ski area, weeds will be an issue in this portion of the park for some years to come.

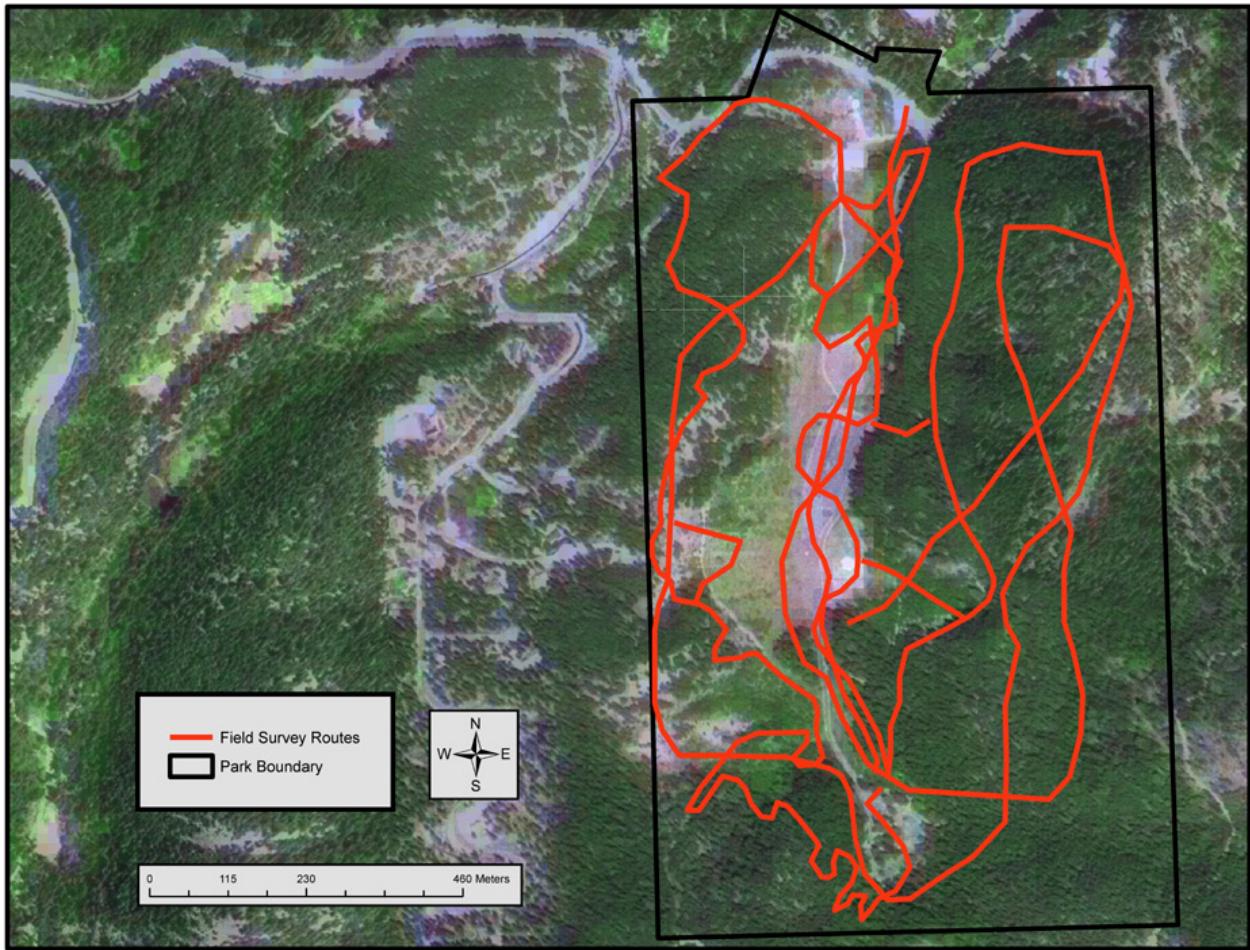
Squilchuck Vegetation Community Map



Key to Plant Associations

| | | |
|----------------------|---|---|
| ABGR/SPBE/PTAQ | <i>Abies grandis</i> / <i>Spiraea betulifolia</i> / <i>Pteridium aquilinum</i> | Grand fir/Birchleaf spiraea/Bracken fern |
| ABGR/SYAL | <i>Abies grandis</i> / <i>Symporicarpus albus</i> | Grand fir/Common snowberry |
| ABGR/SYAL/CARU | <i>Abies grandis</i> / <i>Symporicarpus albus</i> / <i>Calamagrostis rubescens</i> | Grand fir/Common snowberry/Pinegrass |
| DISTURBED SITE | Disturbed site | Roads, parking lots, buildings, former farm fields |
| PIPO/AGSP | <i>Pinus ponderosa</i> / <i>Agropyron spicatum</i> | Ponderosa pine/Bluebunch wheatgrass |
| PIPO/CARU-AGSP | <i>Pinus ponderosa</i> / <i>Calamagrostis rubescens</i> / <i>Agropyron spicatum</i> | Ponderosa pine/Pinegrass/Bluebunch wheatgrass |
| PIPO/PUTR/AGSP | <i>Pinus ponderosa</i> / <i>Purshia tridentata</i> / <i>Agropyron spicatum</i> | Ponderosa pine/Butterbrush/Bluebunch wheatgrass |
| POTR/SYAL | <i>Populus tremuloides</i> / <i>Symporicarpus albus</i> | Quaking aspen/Common snowberry |
| PSME/CEVE-SPBEL/CARU | <i>Pseudotsuga menziesii</i> / <i>Ceanothus velutinus</i> - <i>S. betulifolia</i> / <i>C. rubescens</i> | Douglas fir/Snowbrush-Birchleaf spiraea/Pinegrass |
| PSME-PIPO/PUTR/AGSP | <i>Pseudotsuga menziesii</i> - <i>P. ponderosa</i> / <i>P. tridentata</i> / <i>A. spicatum</i> | Douglas fir-Ponderosa pine/Bitterbrush/Bluebunch wheatgrass |
| PSME/PUTR/CARU | <i>Pseudotsuga menziesii</i> / <i>Purshia tridentata</i> / <i>Agropyron spicatum</i> | Douglas fir/Bitterbrush/Bluebunch wheatgrass |
| PSME/SPBEL | <i>Pseudotsuga menziesii</i> / <i>Spiraea betulifolia</i> | Douglas fir/Birchleaf spiraea |
| PSME/SPBEL/CARU | <i>Pseudotsuga menziesii</i> / <i>Calamagrostis rubescens</i> | Douglas fir/Pinegrass |
| PSME/SYAL | <i>Pseudotsuga menziesii</i> / <i>Symporicarpus albus</i> | Douglas fir/Common snowberry |
| PSME/SYAL/CARU | <i>Pseudotsuga menziesii</i> / <i>Symporicarpus albus</i> / <i>C. rubescens</i> | Douglas fir/Common snowberry/Pinegrass |
| PSME/SYOR | <i>Pseudotsuga menziesii</i> / <i>Symporicarpus oreophilus</i> | Douglas fir/Mountain snowberry |
| SASC/COST | <i>Salix scouleriana</i> / <i>Cornus stolonifera</i> | Scouler's willow/Red-oiser dogwood |
| SALIX/MESIC FORB | <i>Salix</i> /Mesic forb | Willow/Mesic forb |

Squilchuck Survey Routes



Survey Dates:

June 11: two field workers

August 13: four field workers

A selection of Squilchuck State Park wildflowers:



Red columbine, *Aquilegia formosa*



Monkshood, *Aconitum columbianum*



Showy aster, *Aster conspicuus*



Tiger lily, *Lilium columbianum*



Butter-and-eggs, *Linaria vulgaris*



Baneberry, *Actaea rubra*

Vascular Plants of Squilchuck State Park

| | Code | Scientific Name | Common Name | Family- Scientific | Family- Common | Type | Alien? |
|----|-------------|-----------------------------------|----------------------------|---------------------------|-----------------------|-------------|---------------|
| 1 | ABGR | <i>Abies grandis</i> | grand fir | Pinaceae | Pine | t | |
| 2 | ACCI | <i>Acer circinatum</i> | vine maple | Aceraceae | Maple | s | |
| 3 | ACGLD4 | <i>Acer glabrum v. douglasii</i> | Douglas maple | Aceraceae | Maple | s | |
| 4 | ACM12 | <i>Achillea millefolium</i> | common yarrow | Compositae | Composite | p | |
| 5 | ACCO | <i>Aconitum columbianum</i> | monkshood | Ranunculaceae | Buttercup | p | |
| 6 | ACRU2 | <i>Actaea rubra</i> | baneberry | Ranunculaceae | Buttercup | p | |
| 7 | AGHE2 | <i>Agoseris heterophylla</i> | annual agoseris | Compositae | Composite | a | |
| 8 | AGCR | <i>Agropyron cristatum</i> | crested w heatgrass | Graminae | Grass | g | a |
| 9 | ALIN2 | <i>Alnus incana</i> | mountain alder | Betulaceae | Birch | d | |
| 10 | AMAL2 | <i>Amelanchier alnifolia</i> | serviceberry | Rosaceae | Rose | s | |
| 11 | AMME | <i>Amsinckia menziesii</i> | small-flow ered fiddleneck | Boraginaceae | Borage | a | |
| 12 | ANMA | <i>Anaphalis margaritacea</i> | pearly everlasting | Compositae | Composite | p | |
| 13 | ANAR3 | <i>Angelica arguta</i> | sharptooth angelica | Umbelliferaceae | Parsley | p | |
| 14 | ANM13 | <i>Antennaria microphylla</i> | rosy pussytoes | Compositae | Composite | p | |
| 15 | ANRA | <i>Antennaria racemosa</i> | raceme pussytoes | Compositae | Composite | p | |
| 16 | APAN2 | <i>Apocynum androsaemifolium</i> | spreading dogbane | Apocynaceae | Dogbane | p | |
| 17 | AQFO | <i>Aquilegia formosa</i> | red columbine | Ranunculaceae | Buttercup | p | |
| 18 | ARGL | <i>Arabis glabra</i> | tow erm mustard | Cruciferae | Mustard | p | |
| 19 | ARHO2 | <i>Arabis holboellii</i> | Holboell's rockcress | Cruciferae | Mustard | p | |
| 20 | ARCA3 | <i>Arceuthobium campylopodium</i> | dw arf mistletoe | Loranthaceae | Mistletoe | p | |
| 21 | ARDO | <i>Arceuthobium douglasii</i> | dw arf mistletoe | Loranthaceae | Mistletoe | p | |
| 22 | ARM12 | <i>Arctium minus</i> | common burdock | Compositae | Composite | p | a |
| 23 | ARUV | <i>Arctostaphylos uva-ursi</i> | kinnikinnick | Ericaceae | Heather | p | |
| 24 | ARMA18 | <i>Arenaria macrophylla</i> | big-leaved sandw ort | Caryophyllaceae | Pink | p | |
| 25 | ARCO9 | <i>Arnica cordifolia</i> | heartleaf arnica | Compositae | Composite | p | |
| 26 | ASCO3 | <i>Aster conspicuus</i> | show y aster | Compositae | Composite | p | |
| 27 | ASFO | <i>Aster foliaceus</i> | leafy aster | Compositae | Composite | p | |
| 28 | ASMO3 | <i>Aster modestus</i> | great northern aster | Compositae | Composite | p | |
| 29 | ASOC | <i>Aster occidentalis</i> | w estern aster | Compositae | Composite | p | |
| 30 | BASA3 | <i>Balsamorhiza sagittata</i> | arrow leaf balsamroot | Compositae | Composite | p | |
| 31 | BAOR | <i>Barbarea orthoceras</i> | American w intercress | Brassicaceae | Mustard | p | |
| 32 | BEAQ | <i>Berberis aquifolium</i> | Tall Oregongrape | Berberidaceae | Barberry | s | |
| 33 | BRDO | <i>Brodiaea douglasii</i> | douggies brodiaea | Liliaceae | Lily | p | |
| 34 | BRCA | <i>Bromus carinatus</i> | California brome | Graminae | Grass | g | |
| 35 | BRCO4 | <i>Bromus commutatus</i> | hairy brome | Graminae | Grass | g | a |
| 36 | BRINI | <i>Bromus inermis s. inermis</i> | smooth brome | Graminae | Grass | g | a |
| 37 | CALY | <i>Calochortus lyallii</i> | hairy cat's ear | Liliaceae | Lily | p | |
| 38 | CABU2 | <i>Capsella bursa-pastoris</i> | sheperd's purse | Cruciferae | Mustard | a | a |
| 39 | CAPE | <i>Cardamine pensylvanica</i> | Pennsylvania bittercress | Cruciferae | Mustard | a | |
| 40 | CAAT3 | <i>Carex athrostachya</i> | slenderbeaked sedge | Cyperaceae | Sedge | g | |
| 41 | CAGE2 | <i>Carex geyeri</i> | elk sedge | Cyperaceae | Sedge | g | |
| 42 | CAH05 | <i>Carex hoodii</i> | Hood's sedge | Cyperaceae | Sedge | g | |
| 43 | CALA30 | <i>Carex lanuginosa</i> | w oolly sedge | Cyperaceae | Sedge | g | |
| 44 | CAPR5 | <i>Carex praegracilis</i> | clustered field sedge | Cyperaceae | Sedge | g | |
| 45 | CAR05 | <i>Carex rossii</i> | Ross sedge | Cyperaceae | Sedge | g | |
| 46 | CAUT | <i>Carex utriculata</i> | beaked sedge | Cyperaceae | Sedge | g | |
| 47 | CAVE6 | <i>Carex vesicaria</i> | bladdersedge | Cyperaceae | Sedge | g | |
| 48 | CAHI9 | <i>Castilleja hispida</i> | harsh paintbrush | Scrophulariaceae | Figw ort | p | |
| 49 | CAMI12 | <i>Castilleja miniata</i> | scarlet paintbrush | Scrophulariaceae | Figw ort | p | |
| 50 | CEVE | <i>Ceanothus velutinus</i> | snow brush | Rhamnaceae | Buckthorn | s | |
| 51 | CEDI3 | <i>Centaurea diffusa</i> | diffuse knapweed | Compositae | Composite | b | a |
| 52 | CEAR/ | <i>Cerastium arvense</i> | field chickw eed | Caryophyllaceae | Pink | p | |
| 53 | CHAL7 | <i>Chenopodium album</i> | lambsquarters | Chenopodiaceae | Goosefoot | a | a |
| 54 | CHLEL | <i>Chenopodium leptophyllum</i> | slimleaf goosefoot | Chenopodiaceae | Goosefoot | a | |
| 55 | CHUM | <i>Chimaphila umbellata</i> | pipsissew a | Ericaceae | Heather | p | |
| 56 | CHLE80 | <i>Chrysanthemum leucanthemum</i> | oxeye daisy | Compositae | Composite | p | a |
| 57 | CIAL | <i>Circaea alpina</i> | enchanter's nightshade | Onagraceae | Evening-primrose | p | |
| 58 | CIAR4 | <i>Cirsium arvense</i> | Canada thistle | Compositae | Composite | p | a |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| | Code | Scientific Name | Common Name | Family- Scientific | Family- Common | Type | Alien? |
|-----|-------------|----------------------------------|-------------------------------------|---------------------------|-----------------------|-------------|---------------|
| 59 | CIVU | <i>Cirsium vulgare</i> | bull thistle | Compositae | Composite | b | a |
| 60 | CLRH | <i>Clarkia rhomboidea</i> | common clarkia | Onagraceae | Evening-primrose | a | |
| 61 | CLCO2 | <i>Clematis columbiana</i> | rock clematis | Ranunculaceae | Buttercup | p | |
| 62 | CLUN | <i>Clintonia uniflora</i> | beadlily | Liliaceae | Lily | p | |
| 63 | COPA3 | <i>Collinsia parviflora</i> | blue-eyed Mary | Scrophulariaceae | Figwort | a | |
| 64 | COGR4 | <i>Collomia grandiflora</i> | large-flow ered collomia | Polemoniaceae | Phlox | p | |
| 65 | COLI2 | <i>Collomia linearis</i> | narrow -leaf collomia | Polemoniaceae | Phlox | a | |
| 66 | COAR4 | <i>Convolvulus arvensis</i> | field morning-glory | Convolvulaceae | Morning-glory | p | a |
| 67 | COMA4 | <i>Corallorrhiza maculata</i> | spotted coralroot | Orchidaceae | Orchid | p | |
| 68 | COST4 | <i>Cornus stolonifera</i> | redosier dogw ood | Cornaceae | Dogw ood | s | |
| 69 | CRDO2 | <i>Crataegus douglasii</i> | Douglas haw thorn | Rosaceae | Rose | d | |
| 70 | CRSI2 | <i>Cryptantha simulans</i> | pine w oods cryptantha | Boraginaceae | Borage | a | |
| 71 | CRTO4 | <i>Cryptantha torreyana</i> | Torrey's cryptantha | Boraginaceae | Borage | a | |
| 72 | CYMO2 | <i>Cypripedium montanum</i> | mounain lady's-slipper | Orchidaceae | Orchid | p | |
| 73 | CYFR2 | <i>Cystopteris fragilis</i> | fragile fern | Polypodiaceae | Common Fern | f | |
| 74 | DAGL | <i>Dactylis glomerata</i> | orchardgrass | Gramineae | Grass | g | a |
| 75 | DENU2 | <i>Delphinium nuttallianum</i> | upland larkspur | Ranunculaceae | Buttercup | p | |
| 76 | DEDA | <i>Deschampsia danthonioides</i> | annual hairgrass | Gramineae | Grass | g | |
| 77 | DERI* | <i>Descurainia richardsonii</i> | mountain tansymustard | Cruciferae | Mustard | a | a |
| 78 | DESO2 | <i>Descurainia sophia</i> | flixw eed | Cruciferae | Mustard | a | a |
| 79 | DIFO | <i>Dicentra formosa</i> | Pacific bleedingheart | Fumariaceae | Fumitory | p | |
| 80 | DITR2 | <i>Disporum trachycarpum</i> | Sierra fairybell | Liliaceae | Lily | p | |
| 81 | DODE | <i>Dodecatheon dentatum</i> | w hite shootingstar | Primulaceae | Primrose | p | |
| 82 | DRVE2 | <i>Draba verna</i> | spring w hitlow grass | Cruciferae | Mustard | a | |
| 83 | ELPA3 | <i>Eleocharis palustris</i> | common spike-rush | Cyperaceae | Sedge | g | |
| 84 | ELGL | <i>Elymus glaucus</i> | blue w ild rye | Gramineae | Grass | g | |
| 85 | EPAN2 | <i>Epilobium angustifolium</i> | firew eed | Onagraceae | Evening-primrose | p | |
| 86 | EPMI | <i>Epilobium minutum</i> | small-flow ered w illow -herb | Onagraceae | Evening-primrose | a | |
| 87 | EPPA2 | <i>Epilobium paniculatum</i> | autumn w illow w eed | Onagraceae | Evening-primrose | a | |
| 88 | EPWA | <i>Epilobium w atsonii</i> | Watson's w illow herb | Onagraceae | Evening-primrose | p | |
| 89 | EQAR | <i>Equisetum arvense</i> | field horsetail | Equisetaceae | Horsetail | p | |
| 90 | EQHY | <i>Equisetum hyemale</i> | common scouring-rush | Equisetaceae | Horsetail | p | |
| 91 | EQLA | <i>Equisetum laevigatum</i> | smooth scouring-rush | Equisetaceae | Horsetail | p | |
| 92 | ERSP4 | <i>Erigeron speciosus</i> | show y fleabane | Compositae | Composite | p | |
| 93 | EREL5 | <i>Eriogonum elatum</i> | tall buckw heat | Polygonaceae | Buckw heat | p | |
| 94 | ERLA6 | <i>Eriophyllum lanatum</i> | Oregon sunshine, w oolly sunflow er | Compositae | Composite | p | |
| 95 | ERAS2 | <i>Erysimum asperum</i> | prairie rocket | Cruciferae | Mustard | b | |
| 96 | ERGR | <i>Erythronium grandiflorum</i> | yellow avalanche lily | Liliaceae | Lily | p | |
| 97 | FEAR3 | <i>Festuca arundinacea</i> | tall fescue | Gramineae | Grass | g | a |
| 98 | FEID | <i>Festuca idahoensis</i> | Idaho fescue | Gramineae | Grass | g | |
| 99 | FRVI | <i>Fragaria virginiana</i> | w ild straw berry | Rosaceae | Rose | p | |
| 100 | FRPU2 | <i>Fritillaria pudica</i> | yellow bell | Liliaceae | Lily | p | |
| 101 | GAAP2 | <i>Galium aparine</i> | cleavers | Rubiaceae | Madder | a | a |
| 102 | GATR3 | <i>Galium triflorum</i> | fragrant bedstraw | Rubiaceae | Madder | p | |
| 103 | GADI2 | <i>Gayophytum diffusum</i> | spreading groundsmoke | Onagraceae | Evening-primrose | a | |
| 104 | GEV12 | <i>Geranium viscosissimum</i> | sticky geranium | Geraniaceae | Geranium | p | |
| 105 | GEMA4 | <i>Geum macrophyllum</i> | large-leaved avens | Rosaceae | Rose | p | |
| 106 | GLEL | <i>Glyceria elata</i> | tall mannagrass | Gramineae | Grass | g | |
| 107 | GNMI* | <i>Gnaphalium microcephalum</i> | w hite cudw eed | Compositae | Composite | a | |
| 108 | GNPA | <i>Gnaphalium palustre</i> | low land cudw eed | Compositae | Composite | a | |
| 109 | GOOB2 | <i>Goodyera oblongifolia</i> | rattlesnake plantain | Orchidaceae | Orchid | p | |
| 110 | HAUN | <i>Habenaria unalascensis</i> | Alaska rein-orchid | Orchidaceae | Orchid | p | |
| 111 | HEUN | <i>Helianthella uniflora</i> | little sunflow er | Compositae | Composite | p | |
| 112 | HECY2 | <i>Heuchera cylindrica</i> | roundleaf alumroot | Saxifragaceae | Saxifrage | p | |
| 113 | HIAL2 | <i>Hieracium albiflorum</i> | w hite-flow ered haw kw eed | Compositae | Composite | p | |
| 114 | HISC2 | <i>Hieracium scouleri</i> | w oolly-w eed | Compositae | Composite | p | |
| 115 | HODI | <i>Holodiscus discolor</i> | oceanspray | Rosaceae | Rose | s | |
| 116 | HYCA4 | <i>Hydrophyllum capitatum</i> | ballhead w aterleaf | Hydrophyllaceae | Waterleaf | p | |

| | Code | Scientific Name | Common Name | Family- Scientific | Family- Common | Type | Alien? |
|-----|--------|----------------------------|-------------------------------|--------------------|----------------|------|--------|
| 117 | HYFE | Hydrophyllum fendleri | w hite w aterleaf | Hydrophyllaceae | Waterleaf | p | |
| 118 | JUBA | Juncus balticus | Baltic rush | Juncaceae | Rush | g | |
| 119 | JUTE | Juncus tenuis | slender rush | Juncaceae | Rush | g | |
| 120 | KOCR | Koeleria cristata | Junegrass | Gramineae | Grass | g | |
| 121 | LAMU | Lactuca muralis | w all lettuce | Compositae | Composite | a | a |
| 122 | LASE | Lactuca serriola | w ilow lettuce | Compositae | Composite | a | a |
| 123 | LAOC | Larix occidentalis | Western larch | Pinaceae | Pine | c | |
| 124 | LAPA5 | Lathyrus pauciflorus | few -flow ered peavine | Leguminosae | Pea | p | |
| 125 | LIGR | Ligusticum grayi | Gray's lovage | Umbelliferaceae | Parsley | p | |
| 126 | LICO | Lilium columbianum | tiger lily | Liliaceae | Lily | p | |
| 127 | LIVU2 | Linaria vulgaris | butter-and-eggs | Scrophulariaceae | Figuw ort | p | |
| 128 | LIBU | Lithophragma bulbifera | bulbiferous fringecup | Saxifragaceae | Saxifrage | a | |
| 129 | LIGL2 | Lithophragma glabrum | smooth fringecup | Saxifragaceae | Saxifrage | a | |
| 130 | LIAR4 | Lithospermum arvense | corn gromw ell | Boraginaceae | Borage | a | |
| 131 | LONU | Lomatium nudicaule | barestem lomatium | Umbelliferaceae | Parsley | p | |
| 132 | LOTR2 | Lomatium triternatum | narrow -leaved desert parsley | Umbelliferaceae | Parsley | p | |
| 133 | LUNA5 | Luina nardosmia | silvercrow n luina | Compositae | Composite | p | |
| 134 | LUSE4 | Lupinus sericeus | silky lupine | Leguminosae | Pea | p | |
| 135 | LUWY | Lupinus w yethii | Wyeth lupine | Leguminosae | Pea | p | |
| 136 | MAGR3 | Madia gracilis | slender tarw eed | Compositae | Composite | a | |
| 137 | MANE | Malva neglecta | dw arf mallow | Malvaceae | Mallow | a | |
| 138 | MAMA11 | Matricaria matricariooides | pineapple w eed | Compositae | Composite | a | |
| 139 | MELU | Medicago lupulina | black medic | Leguminosae | Pea | p | a |
| 140 | MESA | Medicago sativa | alfalfa | Leguminosae | Pea | p | a |
| 141 | MEAL2 | Melilotus alba | w hite clover | Leguminosae | Pea | b | a |
| 142 | MELO4 | Mertensia longiflora | small bluebells | Boraginaceae | Borage | p | |
| 143 | MIGU | Mimulus guttatus | yellow monkeyflow er | Scrophulariaceae | Figuw ort | p | |
| 144 | MITR4 | Mitella trifida | three-tooth mitella | Saxifragaceae | Saxifrage | p | |
| 145 | MOPA5 | Montia parvifolia | littleleaf montia | Caryophyllaceae | Pink | a | |
| 146 | MYDI | Myosotis discolor | yellow and blue forgetmenot | Boraginaceae | Borage | a | |
| 147 | NEBR | Nemophila breviflora | Great Basin nemophila | Hydrophyllaceae | Waterleaf | a | |
| 148 | NECA2 | Nepeta cataria | catnip | Labiatae | Mint | p | a |
| 149 | OSCH | Osmorrhiza chilensis | mountain sw eet-cicely | Labiatae | Parsley | p | |
| 150 | OSOC | Osmorrhiza occidentalis | w estern sw eet-cicely | Umbelliferaceae | Parsley | p | |
| 151 | PAMY | Pachistima myrsinoides | pachistima | Celastraceae | Stafftree | s | |
| 152 | PEBR | Pedicularis bracteosa | bracted lousew ort | Scrophulariaceae | Figuw ort | p | |
| 153 | PEC06 | Penstemon confertus | yellow penstemon | Scrophulariaceae | Figuw ort | s | |
| 154 | PEFR3 | Penstemon fruticosus | shrubby penstemon | Scrophulariaceae | Figuw ort | s | |
| 155 | PEGA | Penstemon gairdneri | Gairdner's penstemon | Scrophulariaceae | Figuw ort | s | |
| 156 | PEGAA3 | Perideridia gairdneri | Gairdner's yampha | Umbelliferaceae | Parsley | p | |
| 157 | PHHA | Phacelia hastata | silverleaf phacelia | Hydrophyllaceae | Waterleaf | p | |
| 158 | PHLE4 | Philadelphus lew isii | Lew is' mockorange | Hydrangeaceae | Hydranga | s | |
| 159 | PHPR3 | Phleum pratense | timothy | Graminae | Grass | g | |
| 160 | PIPO | Pinus ponderosa | ponderosa pine | Pinaceae | Pine | t | |
| 161 | PLLA | Plantago lanceolata | narrow leaf plantain | Plantaginaceae | Plantain | p | a |
| 162 | PLMA2 | Plantago major | common plantain | Plantaginaceae | Plantain | p | a |
| 163 | POBU | Poa bulbosa | bulbous bluegrass | Gramineae | Grass | a | a |
| 164 | POCO | Poa compressa | Canada bluegrass | Gramineae | Grass | g | |
| 165 | POPR | Poa pratensis | Kentucky bluegrass | Gramineae | Grass | g | a |
| 166 | POSE | Poa secunda | Sandberg bluegrass | Gramineae | Grass | g | |
| 167 | POAV | Polygonum aviculare | prostrate knotweed | Polygonaceae | Buckw heat | a | |
| 168 | POPE3 | Polygonum perfoliata | spotted ladysthumb | Polygonaceae | Buckw heat | a | |
| 169 | POMU | Polystichum munitum | sw ord-fern | Polypodiaceae | Common Fern | f | |
| 170 | POTR5 | Populus tremuloides | quaking aspen | Salicaceae | Willow | t | |
| 171 | POTR15 | Populus trichocarpa | black cottonwood | Salicaceae | Willow | t | |
| 172 | POAR7 | Potentilla arguta | sticky cinquefoil | Rosaceae | Rose | p | |
| 173 | POGL9 | Potentilla glandulosa | sticky cinquefoil | Rosaceae | Rose | p | |
| 174 | POGR9 | Potentilla gracilis | slender cinquefoil | Rosaceae | Rose | p | |

| # | Code | Scientific Name | Common Name | Family- Scientific | Family- Common | Type | Alien? |
|-----|-------|---------------------------------|-------------------------------|--------------------|----------------|------|--------|
| 175 | PREM | <i>Prunus emarginata</i> | bittercherry | Rosaceae | Rose | s | |
| 176 | PRVI | <i>Prunus virginiana</i> | common chokecherry | Rosaceae | Rose | s | |
| 177 | PSME | <i>Pseudotsuga menziesii</i> | Douglas fir | Pinaceae | Pine | t | |
| 178 | PTAQ | <i>Pteridium aquilinum</i> | bracken fern | Polypodiaceae | Common Fern | f | |
| 179 | PTAN2 | <i>Pterospora andromedea</i> | pinedrops | Ericaceae | Heather | p | |
| 180 | PUTR2 | <i>Purshia tridentata</i> | antelope bitterbrush | Rosaceae | Rose | s | |
| 181 | PYPI2 | <i>Pyrola picta</i> | w hitevein pyrola | Ericaceae | Heather | p | |
| 182 | PYMA | <i>Pyrus malus</i> | cultivated apple | Rosaceae | Rose | d | a |
| 183 | RAUN | <i>Ranunculus uncinatus</i> | w oodland buttercup | Ranunculaceae | Buttercup | p | |
| 184 | RIHU | <i>Ribes hudsonianum</i> | stinking current | Grossulariaceae | Current | s | |
| 185 | RILA | <i>Ribes lacustre</i> | sw amp current | Grossulariaceae | Current | s | |
| 186 | RONU | <i>Rosa nutkana</i> | Nootka rose | Rosaceae | Rose | s | |
| 187 | ROWO | <i>Rosa w oodsii</i> | Woods' rose | Rosaceae | Rose | s | |
| 188 | RUPA | <i>Rubus parviflorus</i> | thimbleberry | Rosaceae | Rose | s | |
| 189 | SALA5 | <i>Salix lasiandra</i> | pacific w ilow | Salicaceae | Willow | s | |
| 190 | SARI | <i>Salix rigida</i> | rigid (Mackenzie) w ilow | Salicaceae | Willow | s | |
| 191 | SASC | <i>Salix scouleriana</i> | Scouler's w ilow | Salicaceae | Willow | t | |
| 192 | SACE3 | <i>Sambucus cerulea</i> | blue elderberry | Caprifoliaceae | Honeysuckle | s | |
| 193 | SAOC4 | <i>Saxifraga occidentalis</i> | w estern saxifrage | Saxifragaceae | Saxifrage | p | |
| 194 | SECE | <i>Secale cereale</i> | rye | Gramineae | Grass | a | |
| 195 | SELA | <i>Sedum lanceolatum</i> | spearleaf stonecrop | Crassulaceae | Stonecrop | p | |
| 196 | SEIN2 | <i>Senecio integerrimus</i> | w estern butterw eed | Compositae | Composite | p | |
| 197 | SESE2 | <i>Senecio serra</i> | tall butterw eed | Compositae | Composite | p | |
| 198 | SENEC | <i>Senecio sp</i> | groundsel | Compositae | Composite | p | |
| 199 | SIHY | <i>Sitanion hystrix</i> | squirretail | Gramineae | Grass | p | |
| 200 | SMRA | <i>Smilacina racemosa</i> | w estern solomon's seal | Liliaceae | Lily | p | |
| 201 | SMST | <i>Smilacina stellata</i> | star-flow ered solomon's seal | Liliaceae | Lily | p | |
| 202 | SOSC | <i>Sorbus scopulina</i> | Cascade mountain-ash | Rosaceae | Rose | s | |
| 203 | SPBE2 | <i>Spiraea betulifolia</i> | w hite spiraea | Rosaceae | Rose | s | |
| 204 | STCA | <i>Stellaria calycantha</i> | northern starw ort | Caryophyllaceae | Pink | a | |
| 205 | STJA | <i>Stellaria jamesiana</i> | tuber starw ort | Caryophyllaceae | Pink | p | |
| 206 | STOC2 | <i>Stipa occidentalis</i> | w estern needlegrass | Gramineae | Grass | g | |
| 207 | STAM2 | <i>Streptopus amplexifolius</i> | tw isted-stalk | Liliaceae | Lily | p | |
| 208 | SYAL | <i>Symporicarpos albus</i> | common snow berry | Caprifoliaceae | Honeysuckle | s | |
| 209 | SYOR2 | <i>Symporicarpos oreophilus</i> | mountain snow berry | Caprifoliaceae | Honeysuckle | s | |
| 210 | TAOF | <i>Taraxacum officinale</i> | common dandelion | Compositae | Composite | b | a |
| 211 | TRDU | <i>Tragopogon dubius</i> | yellow salsify/ oyster plant | Compositae | Composite | b | a |
| 212 | TRPR2 | <i>Trifolium pratense</i> | red clover | Leguminosae | Pea | p | a |
| 213 | TRRE3 | <i>Trifolium repens</i> | w hite clover | Leguminosae | Pea | p | a |
| 214 | TROV | <i>Trillium ovatum</i> | w hite trillium | Liliaceae | Lily | p | |
| 215 | URDI | <i>Urtica dioica</i> | stinging nettle | Urticaceae | Nettle | p | |
| 216 | VEVI | <i>Veratrum viride</i> | American false hellebore | Liliaceae | Lily | p | |
| 217 | VETH | <i>Verbascum thapsus</i> | common mullein | Scrophulariaceae | Figwort | b | a |
| 218 | VISA | <i>Vicia sativa</i> | common vetch | Leguminosae | Pea | p | a |
| 219 | VIGL | <i>Viola glabella</i> | pioneer violet | Violaceae | Violet | p | |

Key to species list:

Key to species list.
Code: USDA Plant Code

Type: a=annual, b=biennial, f=fern, g=graminoid (grass or related), p=perennial, s=shrub, t=tree

Alien: a=alien, non-native species