

Ru.

ANNOTATED PLANT SPECIES LIST OF ECOLOGICAL RESERVE #4

(Lasqueti Island)

Peltigera apthosa

common on outcrops esp. Pinus hilltops; with Selaginella, Polytrichum, Rhacomitrium, Dicranum

Lepidozia reptans

occasional epixylic on Thuja, Pseudotsuga in moist situations

SPHAGNALES

Spagnum capillaceum (Weiss.) Schrank

restricted to largest marsh area; Ledum-Spirea association; forming extensive, very thick mats on marsh margins; with Brachythecium sp.

POLYTRICHACEAE

Atrichum undulatum (Hedw.) Beauv.

occasional; disturbed soil in mesic habits; typically on exposed roots of windfall Pseudotsuga

Pogonatum alpinum var. sylvaticum Menz. comb. novo.

restricted to moist situations, drainage areas and occasionally on moist outcrops in Pseudotsuga-Pinus hilltops

Polytrichum juniperinum (Hedw.)

widespread and common epilithic and on humus in logged valleys and rocky outcrops; with Selaginella, Peltigera, Rhacomitrium in drier habits and Eurhynchium and Dicranum in moister situations

Polytrichum piliferum (Hedw.)

occasional epilithic and on soil in dry outcrops, Pinus hilltops; with P. juniperinum, Dicranum, etc.

DITRICHACEAE

Ceratodon purpureus (Hedw.) Brid.

occasional seepage areas, streams and outcrops; with Mimulus, Philonotis; color from dull green to brilliant red-purple

DICRANACEAE

Dicranum fuscescens Turn.

abundant; epilithic on mesic rocky outcrops and occasionally in dry parkland

Dicranum tauricum Sapehin.

occasional epixylic on old wood; forming tight clumps in dry parkland, and logged valleys; with D. fuscescens, Bryum

GRIMMIACEAE

Rhacomitrium canescens (Hedw.) Brid.

Abundant, epilithic and on soil on dry rocky outcrops and dry parkland; with Peltigera, Dicranum, Selaginella, Polytrichum

Rhacomitrium lanuginosum (Hedw.) Brid.

occasional epilithic or on thin soil or dry outcrops, Pinus hilltops; with Polytrichum, Dicranum, Peltigera

BRYACEAE

Bryum capillare (Hedw.)

infrequent; epilithic and epixylic in mesic exposed areas; parkland associations with Dicranum

MNIACEAE

Leucolepis menziesii (Hook.) Steere

infrequent epixylic on well rotted logs or on soil moist shaded areas, drainages, north exposure hillsides

Mnium spinulosum B.S.G.

rare epixylic on Pseudotsuga, Alnus in moist habits; Alnus and Thuja associations

Rhizomnium glabrescens Kindb.

frequent; Epixylic and occasionally on humus; Alnus association and Pseudotsuga, Thuja, Rubus; north slopes

Plagiomnium insigne (Mitt.) Koponen

infrequent epixylic; restricted to Alnus association and Pseudotsuga-Thuja-Rubus; north slopes

AULACOMNIACEAE

Aulacomnium androgynum (Hedw.) Schwegr.

occasional; epixylic in moist parkland associations; gemmae usually present; through summer months

BARTRAMIACEAE

Philonotis fontana (Hedw.) Brid.

frequent; epilithic in seepage areas, drainages; with Mimulus, Ceratodon

FONTINALACEAE

Fontinalis antipyretica (Hedw.) var. oregonensis Ren. & Card.

frequent in standing water; Carex-Typha association

CLIMACEACEAE

Climacium dendroides (Hedw.) Web. & Mohr.

occasional; epixylic and on soil in moist Alnus-Pseudotsuga and Alnus-Polystichum associations with Rhizomnium, Plagiomnium

LEUCODONTACEAE

Antitrichia curtipendula (Hedw.) Brid.

occasional; epilithic & epixylic forming dense mats; with Hylocomium, Rhytidiadelphus in mesic parkland

NECKERACEAE

Neckera menziesii Hook.

occasional; epixylic in Pseudotsuga; Alnus association Pseudotsuga-Pinus association; with Dicranum, Plagiothecium, Mnium

BRACHYTHECIACEAE

Brachythecium species

occasional; in moist areas; epixylic and on humus; Alnus association, drainages; Sphagnum-Ledum association

Eurhynchium oreganum (Sull.) Jaeg. & Saverb.

very abundant over a wide range of habitats; epilithic, epixylic and on soil from outcrop edges to dense; Pseudotsuga-Thuja association

Eurhynchium praelongum var. stokesii (Turn.) Dix.

infrequent; epixylic and on humus in shaded mesic to moist parkland

Homalothecium megaptilum (Sull.) Robins.

occasional; forming dense mats or scattered within Hylocomnium, Eurhynchium mats in the northwest corner, Pseudotsuga-Pinus north slopes

Isothecium spiculiferum (Mith) Ron. & Card.

rare; epiphytic on Pseudotsuga, Acer, in moist Pseudotsuga-Thuja association and at base of northern exposed cliff faces; with Hypnum

Plagiothecium denticulatum (Hedw.) B.S.G.

frequent; epixylic especially on charred wood in mesic parkland and moist, shaded, situations

Plagiothecium undulatum (Hedw.) B.S.G.

occasional Epixylic and Epilithic in mesic parkland with Neckera, Antitrichia, Leucolepsis

HYPNACEAE

Hypnum circinale Hook.

Common; epixylic; occurring over much of the Reserve in logged valleys, parkland; associations with Dicranum.

Hypnum subimponens Lesq.

uncommon; Epiphytic and occasionally epixylic in moist parkland and northern exposed slopes.

RHYTIDIACEAE

Rhytidiadelphus triquetrus (Hedw.) Warnst.

abundant on soil, humus and epixylic; forming dense mats in low pockets in Pseudotsuga-Pinus-Arbutus associations

Rhytidiopsis robusta (Hook.) Broth.

occasional; epixylic in mesic habitats; usually scattered individuals with a mat of Eurhynchium or Rhytidiadelphus

HYLOCOMIACEAE

Hylocomium splendens (Hedw.) B.S.G.

common on northern exposed slopes; Pseudotsuga-Pinus association on soil and occasionally epixylic on well rotted logs; with Rhytidiadelphus, Eurhynchium, Antitrichia

SELAGINELLACEAE

Selaginella wallacei Hieron. "Wallace's selaginella"

occasional forming mats with Rhacomitrium, Polytrichum on rocky outcrops

EQUISETACEAE

Equisetum arvense L. "Field horsetail"

common in damp areas, hard pan Carex associations near the shoreline in southeast corner; with Mentha, Veronica, Deschampsia, Juncus

POLYPODIACEAE

Asplenium trichomanes L. "Spleen wort"

rare; cliff crevices; outcrops with north and west exposure with Dicranum

Athyrium filix-femina (L.) Roth. "Lady fern"

occasional in moist woods; marginally in Carex Juncus associations

Blechnum spicant (L.) Roth. "Deer fern"

occasional; moist areas in logged valleys; north exposure slopes and in drainages southeast side of Jenkins Mt.; fertile fronds in July

Cryptogramma crispera (L.) R. Br. "Rock-brake"

rare; in rock crevice; north exposure slopes near northern boundary; Pseudotsuga-Pinus-Arbutus; with Heuchera, Polypodium; fertile fronds in late August

Dryopteris austriaca (Jacq.) Woynar "Mountain wood fern"

infrequent; Pseudotsuga-Pinus; north exposure lower slopes along northern boundary; in thick humus

- R3 Pityrogramma triangularis (Kaulf) Maxon. "Gold-backed fern"
rare; in crevices on rocky hillsides, south and west exposure
- Polypodium glycyrrhiza D.C. Eat. "Licorice fern"
restricted to rocky north exposure slopes rooted in small soil
pockets in rock
- Polystichum munitum (Kaulf) Presl. "Common sword fern"
common and widespread; Alnus associations, and moist parkland;
north exposure; Pseudotsuga-Pinus
- Pteridium aquilinum (L.) Kuhn "Bracken"
abundant and widespread from grassy bluffs, parkland and
logged valleys

TAXACEAE

- Taxus brevifolia Nutt. "Pacific yew"
infrequent; concentrated in two places - logged valley in
northeast section of reserve and also in drainage area; with
Viburnum, Acer, Thuja at low elevation in bay east of Sheep
Point

CUPRESSACEAE

- Juniperus scopulorum Sarg. "Rocky mountain juniper"
frequent along coastal bluffs; some individuals found in
northwest corner; apparently extensively grazed by goats and
sheep; no intermediate plants between 6" and 10'
- Thuja plicata Donn. "Western red cedar"
frequent in drainages, moist areas; with Acer, Salix, Alnus etc.;
forms monospecific stand in one area - north central part of
the reserve

PINACEAE

- Aibes grandis (Dougl.) Forbes "Grand fir"
rare; one isolated individual in valley in north-central part
of the reserve; with Taxus, Gaultheria; 5m. in height
- Pinus contorta var. contorta Dougl. "Shore pine"
common; wide range from hilltops, north slopes and near
marshes; flowering May

Pseudotsuga menziesii (Mirbel) Franco. "Douglas fir"

most abundant; occurs over the entire reserve, some veterans near the western border, otherwise heavily logged; strong regeneration in disturbed valleys

SALICACEAE

Salix lasiandra var. lasiandra Benth. "Pacific willow"

uncommon; restricted to marsh margins; Carex-Typha association; flowering April - May

Salix scouleriana Barratt. "Scouler's willow"

occasional; along east-west peak of Jenkins Mountain and down slope; with Pseudotsuga, Pteridium, Rhytidiadelphus

BETULACEAE

Alnus rubra Bong. "Red alder"

frequent where suitable habitat present; forming dense stands where drainages pool in valley bottoms; mixed with Pseudotsuga Rubus in northeast corner

URTICACEAE

Urtica dioica L. var. lyalli (Wats.) Hitch C. "Lyall nettle"

occasional; with Alnus in moist bottomland; flowering June - August

POLYGONACEAE

Polygonum spergulariaeforme Meisn. "Spurry knot weed"

common; Pseudotsuga-Juniperus association with small annuals, grasses; flowering July - August

Rumex acetosella L. "Sheep sorrel"

common; from rocky headlands, outcrops, open parkland and waste areas; flowering early May through August

Rumex salicifolius Weinm. var. mexicanus (Meisn.) Hitchc. "Willow dock"

rare; rocky cliffside just above high water 100M. west of Sheep Point, bird nesting site; flowers July - August

PORTULACAEAE

Montia perfoliata (Donn) Howell "Miners lettuce"

common; on moist outcrops, north exposed slopes, open parkland; flowers April - July

Montia parvifolia (Moc.) Greene "Streambank stream-beauty"

occasional; on moist outcrops, north exposed slopes; flowers
April - July

Montia sibirica (L.) Howell "Siberian miner's lettuce"

common from moist outcrops to mesic parkland association;
flowers May - August

CARYOPHYLLACEAE

Arenaria sp. "Sandwort"

occasional; outcrops near shore and headlands Jenkins Bay
(western shoreline); flowers July - August

Cerastium arvense L. "Field chickweed"

abundant; on open, grassy bluffs, open parkland and outcrops;
flowers April - June

Lychnis coronaria (L.) Desr. "Rose campion"

common; on outcrops, waste areas, garden escape; flowers
June - August

Sagina procumbens L. "Procumbent pearl wort"

occasional; in clefts and soil pockets on coastal outcrops,
drainages; flowers July - August

Stellaria crispa Cham. & Schlect. "Crisped starwort"

occasional; seashore cliffs, moist parkland; with Bromus spp.,
Epilobium, Plectritis; also in Alnus association with Lactuca,
Gallium

? Stellaria humifusa Rottb. "Spreading starwort"

common; on outcrops, open parkland association; flowering
May - June

Stellaria media (L.) Cyrill. "Chickweed"

common; in moist and mesic waste areas; flowers May - July

RANUNCULACEAE

Aquilegia formosa Fisch. "Sitka columbine"

rare; restricted to disturbed drainage area in northeast
corner; flowering late May - June

Ranunculus flammula (L.) var. filiformis (Michx.) Hook.
"Lesser spear wort"
rare; near Ledum-Sphagnum; bog and Typha-Carex association;
standing water; with Veronica, Cicuta; flowers (June) July,
August

Ranunculus occidentalis Nutt. var. occidentalis "Western buttercup"
frequent; in Pseudotsuga-Pinus association; north exposure
slopes; flowers May - June

Ranunculus repens L. "creeping buttercup"
occasional; Carex-Typha association; with Veronica, Metha,
Gallium, Juncus; plants to 4 dm.; flowers May - June

Ranunculus uncinatus D. Don var. parviflorus (Torr.) Benson
"little buttercup"
infrequent; moist, shadier areas; Alnus association; flowers
June, July

BERBERIDACEAE

Achlys triphylla (Smith) D.C. "Vanilla leaf"
infrequent; restricted to moist parkland; Pseudotsuga-
Gaulthoria; flowers May - June

Berberis nervosa Pursh. "Dull oregon grape"
occasional; in mesic parkland, mainly at lower elevations, south
and west exposures; flowers May; fruite ripe August

Berberis repens Lindl. "Low oregon grape"
occasional; on rock slides, coastal cliffs and outcrops in
mesic parkland; usually scattered individuals rather than dense
growth form of B. neruosa

CRUCIFERAE

Cardamine oligosperma Nutt. var. oligosperma "little western
bittercress"
frequent; on moist outcrops; flowers April, May; burned off
late June

CRASSULACEAE

Sedum spathulifolium Hook. "Broadleaf stonecrop"
common; on cliffsides and rock faces near the shoreline; very
dry habit with little or no soil; occasional on dry outcrops;
flowers June, July

SAXIFRAGACEAE

Heuchera micrantha var. diversifolia Dougl. "Smallflower alumroot"
frequent; on cliff-sides, north exposure outcrops; with
Castilleja, Erigeron; flowers May, June

Lithophragma parviflora (Hook) Nutt. "Smallflower fringe-cup"
occasional; on open bluffs, open parkland association;
flowers April - May

Saxifraga occidentalis Wats. "Redwool saxifrage"
uncommon; on fringes of Carex-Typha association; flowers May,
June

Tiarella trifoliata L. "Foam flower"
common; in mesic to open parkland associations; with Galium,
Montia; flowers May - August (August)

GROSSULARIACEAE

Ribes lacustre (Pers.) Poir. "Swamp gooseberry"
not common, but widespread; Alnus association; moist parkland
and on disturbed skid roads; flowers May; berries ripe late
June, July

Ribes sanguineum Pursh. "Red currant"
frequent; in Pseudotsuga-Juniperus association; and along
shoreline; flowers April - May; heavily browsed

ROSACEAE

Amelanchier alnifolia Nutt. "Saskatoon berry"
occasional; on north exposure slopes, small drainages; greatest
concentration in northeast corner; heavily browsed; flowers
April - May

Fragaria vesca var. bracteata (Heller) Davis "Strawberry"
common; in dry habits on thin soil, disturbed areas; flowers
late April - June

Holodiscus discolor (Pursh.) Maxim. "Ocean spray"
frequent; in most parkland associations; extremely heavily
grazed, appears to be goats' favorite food; cropped back to
within 6" of ground where accessible; flowers June - July
(August)

- Prunus emarginata var. mollis (Dougl.) Brew. "Bitter cherry"
occasional; along shoreline, at base of north exposure cliffs,
skid roads; approximately same range as Acer macrophyllum;
flowers June
- Rosa gymnocarpa Nutt. "Little wild rose"
common in Pseudotsuga-Pinus association, waste areas, near
marshes; moderately browsed; flowers May - June
- Rosa nutkana Presl. var. nutkana "Nootka rose"
uncommon; on cliffs overhanging water; apparently out of
reach of goats; flowers June
- Rubus leucodermis Dougl. "Black raspberry"
occasional on poor soil in disturbed valleys; flowers June;
fruit ripe late July, August; with Digitalis
- Rubus parviflorus Nutt. "Thimbleberry"
uncommon; mesic parkland, waste areas; flowers May - June
(July)
- Rubus spectabilis Pursh. "Salmonberry"
frequent; in wet places along the shoreline and on north
exposure slopes; greatest concentration in gravelly drainage
area in northeast corner; flowers May, June; fruit through
July
- Rubus ursinus Cham. & Schlecht "Pacific blackberry"
common; in disturbed areas, outcrops, steep slopes; flowers
May - early June; fruit through August
- Spirea douglasii Hook. var. douglasii "Douglas's spirea"
occasional; restricted to wet areas; Carex-Thpha association
margins; with Ledum, Salix; flowers July - August

LEGUMINOSEAE

- Lathyrus japonicus Willd. "Beach pea"
occasional; restricted to beach log community in various bays
along the shoreline; flowers May (June)

R4 Lotus micranthus Benth. "Small flowered deer vetch"
common in waste areas; valley bottoms and skid roads, and on outcrops
flowers (April) May

Trifolium dubium Sibth. "Suckling clover"
abundant and widespread; disturbed valleys, hillsides, outcrops;
plants small or low and spreading; flowers May through July
(August)

R3 Trifolium microdon H. & H. "Thimble^{le} clover"
occasional on disturbed soil in valleys; flowers May and early June

R4 Trifolium oliganthum Stevd. "Few flowered clover"
occasional; seashore cliffs; juniper association; with Bromus,
Poa, Holcus, Montia, etc.; flowers May - June; burnt off by
late June

Vicia sativa var. angustifolia (L.) Wahlb. "Common vetch"
common on outcrops and open disturbed areas; flowers May - June

GERANIACEAE

Erodium cicutarium (L.) L'Her. "Crane's bill"
abundant on dry, open ground, disturbed areas, outcrops;
flowers (March April - June)

Geranium dissectum L. "Cut-leaf geranium"
occasional on outcrops, open parkland, north exposure slopes;
flowers May - June

ANACARDIACEAE

Rhus diversiloba T. & G. "Poison oak"
restricted; found in one location only; small rocky disturbed
valley sloping up from the shoreline where it was the
dominant vegetation over 300 M²

ACERACEAE

Acer macrophyllum Pursh. "Bigleaf maple"
drainage areas, valley slopes and shaded valley bottoms;
occasionally along the coast; most of the large maples have
lost their crowns; flowers April - May

HYPERICACEAE

- 124 Hypericum anagalloides C. & S. "Bog St. John's Wort"
occasional concentrations near springs, drainages on southeast side of Jenkins Mountain; Carex associations; marsh margins; with Veronica, Pteridium; flowers July - August

CACTACEAE

- Opuntia fragilis (Nutt.) Haw. "Brittle cholla"
frequent on rocky shoreline; Juniperus association; to within 4 meters of high water; forming clumps up to 50 c.m. in diameter; flowers late June

ONAGRACEAE

- Circaea alpina L. "Enchanter's nightshade"
occasional in moist, semi-open; Alnus-Polystichum association and Carex association; flowers June - July
- Epilobium angustifolium L. "Fireweed"
rare; in disturbed valleys and skid road near Carex-Typha association; flowers July - August
- Epilobium minutum Lindl. "Small flowered willow-weed"
frequent on seashore cliffs, Pseudotsuga-Juniperus association; disturbed areas; flowers April - May (June)

UMBELLIFERAE

- Cicuta douglasii (D.C.) Coult. & Rose "Western water hemlock"
frequent in standing water; Carex-Typha associations; and in drainages on southeast side of Jenkin's Mountain. Water depth to 14"; flowers July - August
- 124 Daucus pusillus Michx. "Rattle-snake weed"
occasional on outcrops and open parkland; plants to 10 c.m.; flowers June - July
- Lomatium utriculatum (Nutt.) Coult. & Rose "Common lomatium"
on grassy meadows; south end of Sheep Point; plants to 10 c.m. tall; roots as deep; flowering late April - June

Sanicula graveolens Poepp.

"Sierra sanicle"

frequent; outcrop edges to mesic parkland; flowers mid May - June

ERICACEAE

Arbutus menziesii Pursh.

"Pacific madrona"

abundant on dry and mesic hillsides with shall soil; out-competed by Pinus on hilltops; flowers May; fruit August

R4 Arctostaphylos columbiana Piper.

"Bristly manzanita"

infrequent; scattered occurrence along coast, in disturbed valleys, open parkland and gain in northwest corner of the reserve; flowering June - July; forming dense shrubs
5m X 3m

Chimaphila umbellata (L.) Bart.

"Prince's pine"

rare; Pseudotsuga-Pinus association in northwest corner; not flowering

Gaultheria shallon Pursh.

"Salal"

occasional on north exposure hillsides near coast, and in disturbed valleys; restricted range possibly due to browsing; flowers May - July

Ledum groenlandicum Oeder

"Bog labrador tea"

restricted to the largest marsh area; Pinus-Spirea-Sphagnum peninsula, where it is co-dominant with Spirea; flowering June, July

Montropa uniflora L.

"Indian pipe"

rare; Pseudotsuga-Pinus; north exposure slope above Long Lake in rich humous; flowering late July, August

Pterospora andromeda Nutt.

"Pinedrops"

infrequent, on semi-talus slope; Pseudotsuga-Pinus-Arbutus with Arbutus seedlings, Rubus, and Pteridium; flowering July - August

PRIMULACEAE

Trientalis latifolia Hook.

"Western starflower"

occasional in disturbed areas, mesic parkland and especially Pseudotsuga-Gaultheria stands; flowers while, pink, appearing May, June (July)

HYDROPHYLLACEAE

Nemophila parviflora Dougl. var. parviflora "Small flowered
nemaphilla
occasional in mesic-moist parkland with Montia, Galium;
flowers May - July

BORAGINACEAE

Myosotis discolor Pers. "Yellow & blue forget-me-not"
common on outcrops, occasional on disturbed soil; to 3 d.m.
on moist outcrops; flowers May - June

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LABIATAE

Marrubium vulgare L. "Horehound"

occasional on rock face crevices in Pseudotsuga-Juniperus
association; flowering June, July

Mentha arvensis L. "Field mint"

frequent near water, drainages, marshes; with Mimulus, Veronica,
Juncus etc.; flowerings July - August

Prunella vulgaris L. "Self heal"

common on disturbed soil, valleys and skid roads; flowers
July - August

Ry Satureja douglasii (Benth.) Briq. "Yerba buena"

abundant and widespread; forming low, loose mats in open
parkland, disturbed areas; and Alnus, Acer associations;
flowers June - August

SCROPHULARIACEAE

Castilleja miniata Dougl. "Common paintbrush"

frequent along shoreline cliff; association with Heuchera,
Eriophyllum; flowers May - July

Collinsia parviflora Lindl. "Small flowered Blue-eyed Mary"

frequent on outcrops and seashore bluffs with Cerastrium,
Aira, flowering April - June (July)

Digitalis purpurea L. "Foxglove"

common in disturbed valleys, slopes and outcrops; plants to
1.5 meters; flowers June - August

24 Mimulus alsinoides Dougl. "Chickweed monkey flower"

restricted to seepage areas throughout; associated with Ceratodon on outcrops; Mentha, Veronica, Ranunculus elsewhere; size variable

Mimulus guttatus D.C. var. guttatus "Yellow monkey flower"

rare; in drainage area, plot 19

Mimulus moschatus Dougl. var. sessilifolius "Musk flower"

occasional along drainage in extreme northeast corner; Alnus-Thuja-Rubus; rooted in dark, wet muck; flowers June - July

Verbascum thapsus L. "Common mullein"

occasional on disturbed soil, outcrops and open parkland; flowers July - August

Veronica americana Schwein. "American brooklime"

occasional in wet places; Carex-Typha association; margins, drainages; flowers May - June

Veronica arvensis L. "Common speedwell"

frequent on outcrops, open parkland; with Galium, Collinsia, and other small annuals; flowers May - June

Veronica scutellata L. "Skullcap speedwell"

occasional on margins of standing water, drainages; with Carex, Ranunculus, Mentha; flowers July - August

PLANTAGINACEAE

Plantago lanceolata L. "English plantain"

fairly common in disturbed areas; flowers late May - August

Plantago major L. var. major "Common plantain"

infrequent; in disturbed areas; flowers June - August

RUBIACEAE

Galium aparine L. var. echinaspermum (Wallr.) Farw.
"Cleavers"

occasional on disturbed soil, open parkland and mesic outcrops; flowers May - June

- Galium trifidum L. "Small cleavers"
infrequent; Alnus associations into Thuja-Acer association;
rarely near drainages; flowers June - July
- Galium boreale L. "Northern bedstraw"
rare; in moist areas; Alnus-Polystichum association; plants
low and spreading; flowers (June) July
- Sherardia arvensis L. "Blue field madder"
frequent on outcrops, disturbed soil; flowers May - June

CAPRIFOLIACEAE

- Linnaea borealis L. var. longiflora Torr. "Western twinflower"
frequent in mesic parkland and north exposure slopes; flowers
June - August
- Lonicera ciliosa (Pursh.) D.C. "Orange honeysuckle"
common; in Juniperus association and on steep cliff seashore
association; with Rubus, Heuchera; flowers late July, August
- Ry Lonicera hispidula (Lindl.) Dougl. "Hairy honeysuckle"
common throughout lower elevation parkland associations;
south and west exposures; flowers July
- Symphoricarpos albus (L.) Blake var. laevigatus Fern
"Common snowberry"
very sparse; near shoreline west of Sheep Point; also near
spring on southeast side of Jenkin's Mountain; very
heavily browsed; flowers July (August)
- Viburnum edule (Michx.) Raf. "Highbush cranberry"
occasional in drainage near eastern shoreline with Taxus, Acer,
Cornus; plants to 7 metres; flowers June

VALERIANACEAE

- Plectritis congesta (Lindl.) D.C. "Rosy plectritis"
common on seashore bluffs, outcrops; size variable; flowers
April - June, later on north exposure slopes; with Collinsia,
Gallium, Sherardia

CAMPANULACEAE

- Ry Campanula scouleri Hook. "Scouler's Bluebell"
frequent on rocky headlands; occasionally on outcrops; flowers
June - August

COMPOSITAE

- Achillea millefolium L. "Common yarrow"
abundant on cliffs, bluffs, outcrops, open parkland and
disturbed areas; flowers May - August
- Adenocaulon bicolor Hook. "Pathfinder"
frequent in disturbed areas, mesic parkland and north exposure;
Pseudotsuga-Pinus association; flowers mid-July - August
(September)
- Anaphalis margaritacea (L.) B. & M. "Common pearly everlasting"
infrequent; on disturbed soil, open parkland; flowers July -
August
- Cirsium edule Nutt. "Indian thistle"
common; disturbed areas, outcrops and open parkland; flowers
July - September
- Cirsium arvense (L.) Scop. var. horridum Wimm. & Grab.
"Canada thistle"
occasional; meadow, beach transition and disturbed areas;
flowers July - September
- Eriophyllum lanatum (Pursh) Forbes var. lanatum "Woolly sunflower"
frequent on seashore cliffs; with Heuchera, Castilleja;
flowers May - July
- Gnaphalium microcephalum Nutt. "White cudweed"
occasional on shoreline outcrops; Pseudotsuga-Juniperus
association; flowers July, August
- Gnaphalium purpureum L. "Purple cudweed"
frequent on disturbed soils, skid roads, valleys; flowers
July, August
- Grindelia integrifolia D.C. "Gunweed"
common on rocky shorelines within the spray zone; flowers
May - July
- Hieracium albiflorum Hook. "White flowered hawkweed"
common on disturbed soil, outcrops, and open and mesic
parkland; occasional in Pseudotsuga-Pinus north slopes;
flowers June - August

Hypochaeris radicata L.

"Hairy cat's-ear"

common to abundant on disturbed soil, outcrops and open parkland association; flowers April - August

Lactuca muralis (L.) Fresen.

"Wall lettuce"

common on outcrops, open parkland and disturbed areas; flowers from June - August depending on exposure

Madia sativa Mol.

"Coast tarweed"

occasional, open hillsides, waste areas, outcrops; flowers July, August

Senecio triangularis Hook. var. triangularis "Arrow leaf groundsel"

infrequent; on cliffsides, seashore outcrops, and south and west exposure hillsides; flowers June, July

Sonchus asper (L.) Hill.

"Prickly sowthistle"

occasional on cliffsides with Heuchera, Grindelia, Sedum; flowers May - July

JUNACEAE

R2 Juncus bolanderi Engelm.

"Bolander's rush"

occasional on margins of Carex-Typha association; flowers June - July

Juncus effusus L.

"Common rush"

frequent; drainages, disturbed valleys and hard pan water pockets in coastal Pseudotsuga-Pinus associations; flowers June - August

Juncus filiformis L.

"Thread rush"

restricted to one site on upper beach near Sheep Point; rooted in rotting wood; with Lathyrus; flowering July, August

Luzula campestris (L.) D.C.

"Field woodrush"

occasional on mesic outcrops and parkland; Alnus-Polystichum association; flowers May - June (July)

CYPERACEAE

Carex obnupta Bailey

"Slough sedge"

frequent in Carex-Typha association; flowers June - August (September)

- Dulichium arundinaceum (L.) Britt. "Dulichium"
occasional in standing water; Carex-Typha association; with
Scirpus; flowers late July - August
- Eleocharis palustris (L.) R. & S. "Creeping spike rush"
frequent on fringes of Typha-Carex association; with
Sparganium; flowers July - August
- Scirpus actus Muhl. "Hardstem bulrush"
frequent in Carex-Typha association; with Veronica, Mentha,
Dulichium; flowers July - August

GRAMINAE

- Aira caryophyllea L. "Silver hairgrass"
abundant on outcrops and on thin soil in open parkland;
with A. praecox and small annuals
- Aira praecox L. "Little hairgrass"
abundant on outcrops, open parkland and occasionally on
disturbed soil; flowering April - June; regenerating later
after heavy rains
- Anthoxanthum odoratum L. "Sweet vernal grass"
common in mesic parkland, north exposure slopes; flowers June -
July (August)
- Bromus mollis L. "Soft brome"
common on seashore cliffs, bluffs, outcrops and occasionally
on disturbed soil; flowers May - July
- Bromus sterilis L. "Barren brome"
frequent on seashore cliffs, open parkland and on disturbed
soil; with B. mollis, Festuca; flowers June, July
- Cinna latifolia (Trevir) Griseb. "Woodreed"
occasional in Alnus-Polystichum association and in shaded
Carex association; plants to 8 d.m.; flowers (June) July -
August
- Deschampsia elongata (Hook.) Munro. "Slender hairgrass"
frequent on margins of standing water; Carex-Typha association,
also in Alnus-Polystichum association; with Veronica, Mentha;
flowers July

- Elymus glaucus Buckl. var. jepsonii "Blue wildrye"
sparse on outcrops, open hillsides; Pseudotsuga-Pinus
association; hilltops; flowers July - August
- Festuca myuros L. "Rat-tail fescue"
frequent on seashore cliffs and on disturbed soil; flowers
late April - June
- Festuca occidentalis Hook. "Western fescue"
common in all parkland forest types; flowers June - July
- Festuca subulata Trin. "Nodding fescue"
frequent in mesic parkland, north exposure slopes; flowers
June - August
- Holcus lanatus L. "Common velvetgrass"
frequent on seashore cliffs, bluffs and outcrops throughout;
flowers May - June (July)
- Melica subulata (Griseb.) Scribn. var. subulata "Alaska oniongrass"
occasional in parkland and Pseudotsuga-Pinus hilltops on thin
soil; marginally on outcrops; flowers June - July
- Panicum scribnerianum Nash "Scribner's witchgrass"
common in soil pockets in Pseudotsuga-Juniperus association;
Pinus hilltops, outcrops and on meadows on Sheep Point; flowers
June - August
- Poa pratensis L. "Kentucky bluegrass"
infrequent on seashore cliffs; flowers June - July (August)
- Puccinellia pauciflora (Presl.) Munz. var. pauciflora
(= Hyccaria) "Weak alkaligrass"
rare; in standing water; Carex-Typha association; flowers
(June) July

SPARGANIACEAE

- Sparganium angustifolium Michx. "Floating bur-reed"
frequent in standing water, to a depth of 14"; with Cicuta;
flowers (June) July - August

TYPHACEAE

Typha latifolia L.

"Common cattail"

common in standing water; Carex-Typha association;
relatively few plants in flowering condition; flowers July,
August

LILIACEAE

R4 Allium acuminatum Hook.

"Hooker onion"

restricted to hilltop on eastern boundary, open outcrop
within dry parkland association; flowers June - July (August)

Allium cernuum Roth.

"Nodding onion"

frequent in rock flefts on exposed outcrops, hilltops and on
Sheep Point; also on seashore cliffs; with Sedum, Heuchera;
flowers May - July

R4 Brodiaea coronaria (Salisb.) Engl.

"Harvest brodiaea"

rare; near rock face on gravelly soil; Sheep Point; flowers
July, August

R4 Erythronium oregonum Applegate

"Giant fawnlily"

occasional on outcrops in northeast corner; bulb to 13 cm
deep in rock crevice; flowers April, May

ORCHIDACEAE

Corallorhiza maculata Raf.

"Pacific coralroot"

rare; Pseudotsuga-Pinus north slope along northern boundary;
flowers July (August)

Goodyera oblongifolia Raf.

"Western rattlesnake
plantain"

frequent on outcrops and open parkland in northern section;
also on Pseudotsuga-Pinus north exposure slopes; with Berberis,
Adenocaulon; flowers July - August

Listera cordata (L.) R. Br.

"Heart-leaf twayblade"

occasional in parkland associations; flowers June - July