

**Emerald Chapter NPSO, Rare and Endangered Vascular Plant List**

**Lane County, Oregon- 2024**

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Abronia latifolia</i>	yellow sandverbena			4	B	CZ
<i>Abronia umbellata</i> ssp. <i>breviflora</i>	pink sandverbena	SOC	LE	1	A	CZ
<i>Actaea elata</i> var. <i>elata</i>	<i>tall bugbane</i>		C	3	C	CR, WV, WC
<i>Ageratina occidentalis</i>	western eupatorium; western boneset				B	WC
<i>Androsace laevigata</i>	smooth leaved Douglasia				B	WC, HC
<i>Aphyllon californicum</i> ssp. <i>californicum</i>	California broomrape			3	B	WV
<i>Aphyllon epigalium</i> ssp. <i>epigalium</i>	broomrape				B	WC
<i>Aphyllon pinorum</i>	pine broomrape				B	WV, WC
<i>Apocynum cannabinum</i>	hemp dogbane				B	WV
<i>Aristida oligantha</i>	prairie threeawn; few flowered aristida				B	WV
<i>Arnica nevadensis</i>	Sierra arnica				C	WC, HC
<i>Asarum wagneri</i>	green flowered wild ginger		C	4	A	WC
<i>Asclepias cordifolia</i>	purple milkweed				C	WC
<i>Asclepias fascicularis</i>	narrowleaf milkweed				B	WV
<i>Asplenium trichomanes</i> ssp. <i>trichomanes</i>	maidenhair spleenwort				B	CR, WV, WC
<i>Astragalus umbraticus</i>	woodland milkvetch			4	C	WC
<i>Athyrium distentifolium</i> var. <i>americanum</i>	American alpine lady fern				B	HC
<i>Boechera howellii</i>	Howell's flatseed rockcress				C	WC, HC
<i>Botrychium simplex</i> var. <i>compositum</i>	little grapefern				C	WC, HC
<i>Boykinia intermedia</i>	pyramidal boykinia				C	CR
<i>Bromus laevipes</i>	Chinook brome				B	WV
<i>Bromus pacificus</i>	Pacific brome				C	CZ
<i>Callitriche fassettii</i>	northern water starwort				C	CZ
<i>Calochortus uniflorus</i>	large flowered startulip				B	WV
<i>Calycadenia truncata</i>	rosin weed; tackweed				B	WV
<i>Calystegia soldanella</i>	seashore morning glory				B	CZ
<i>Campanula rotundifolia</i>	Scots' harebell				B	WC
<i>Carex angustata</i>	Wide fruited sedge				C	WC
<i>Carex aperta</i>	Columbia sedge				B	WC, HC
<i>Carex athrostachya</i>	slenderbeak sedge				C	WC
<i>Carex brainerdii</i>	Brainerd's sedge				C	WC

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Carex buxbaumii</i>	Buxbaum's sedge				C	WC
<i>Carex californica</i>	California sedge				C	CR
<i>Carex canescens</i> ssp. <i>canescens</i>	hoary sedge				C	WC
<i>Carex diandra</i>	lesser panicled sedge			2	A	WC
<i>Carex disperma</i>	soft leaved sedge				C	WC
<i>Carex echinata</i> ssp. <i>phyllomanica</i>	prickly sedge				B	CZ
<i>Carex gynodynamis</i>	Olney's hairy sedge; wonderwoman sedge			4	B	WC
<i>Carex hassei</i>	salt sedge				B	WV
<i>Carex illota</i>	small headed sedge				C	WC, HC
<i>Carex infirminervia</i>	weak-veined sedge				C	WC
<i>Carex integra</i>	smooth beaked sedge				C	WC, HC
<i>Carex kelloggii</i> var. <i>limnophila</i>	lakeshore sedge				B	CZ
<i>Carex leporinella</i>	Sierra hare sedge				C	WC, HC
<i>Carex leptalea</i>	bristle stalked sedge				C	WC
<i>Carex livida</i>	pale sedge			2	A	WC
<i>Carex macrocephala</i>	large headed sedge			2	A	CZ
<i>Carex mendocinensis</i>	Mendocino sedge				B	WC
<i>Carex multicaulis</i>	many stemmed sedge				B	WC
<i>Carex nebrascensis</i>	Nebraska sedge				C	WC
<i>Carex pachycarpa</i>	many ribbed sedge				C	WC
<i>Carex pansa</i>	sand dune sedge				B	CZ
<i>Carex phaeocephala</i>	mountain hare sedge				C	WC, HC
<i>Carex praticola</i>	meadow sedge				C	WC
<i>Carex preslii</i>	Presl's sedge				C	WC, HC
<i>Carex raynoldsii</i>	Raynold's sedge				C	WC
<i>Carex retrorsa</i>	retorse sedge			2	A	WV
<i>Carex scirpoidea</i> ssp. <i>stenochnaena</i>	Alaska single spiked sedge			2	A	WC
<i>Carex simulata</i>	shortbeaked sedge				C	HC
<i>Carex stramineiformis</i>	Mt. Shasta sedge				C	HC
<i>Carex subfusca</i>	rusty sedge				C	WC
<i>Carex vesicaria</i>	inflated sedge				C	HC
<i>Carex viridula</i> ssp. <i>viridula</i>	green sedge				B	CZ
<i>Carex zikae</i>	short stemmed sedge			2	B	CZ

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Ceanothus prostratus</i> var. <i>prostratus</i>	<i>Mahala mat</i>				C	WC
<i>Cherleria obtusiloba</i>	alpine sandwort				C	HC
<i>Cicendia quadrangularis</i>	<i>timwort</i>			2	A	WV, WC
<i>Clarkia purpurea</i> ssp. <i>viminea</i>	<i>large godetia</i>				B	WV
<i>Collomia linearis</i>	narrowleaf collomia				C	WC
<i>Collomia tinctoria</i>	yellow staining collomia				C	WC, HC
<i>Conioselinum pacificum</i>	Pacific hemlock parsley				C	CZ
<i>Cordylanthus tenuis</i> ssp. <i>viscidus</i>	sticky bird's beak				C	WC
<i>Corydalis aquae-gelidae</i>	cold water corydalis		C	1	A	WC
<i>Crassula aquatica</i>	water pygmy weed				B	WV
<i>Crepis pleurocarpa</i>	naked stemmed hawksbeard				B	WC
<i>Croton setigerus</i> Hook.	turkey mullein				B	WV
<i>Cryptantha torreyana</i> var. <i>torreyana</i>	Torreys cryptantha				B	WC
<i>Cyperus bipartitus</i>	shining flatsedge			3	B	WV
<i>Cypripedium montanum</i>	mountain lady's slipper			4	B	WV,WC
<i>Danthonia spicata</i>	common wild oatgrass				B	WV
<i>Darlingtonia californica</i>	California pitcher plant; cobra lily			4	B	CZ
<i>Delphinium oregonum</i> Howell	Willamette Valley larkspur	SOC	C	1	A	WV
<i>Dodecatheon pulchellum</i> var. <i>macrocarpum</i>	beautiful shooting star				B	WV
<i>Dodecatheon pulchellum</i> var. <i>monanthum</i>	darkthroat shooting star				B	WC
<i>Draba aureola</i>	golden draba			4	C	HC
<i>Drosera anglica</i>	English sundew				C	WC
<i>Eleocharis suksdorfiana</i>	Suksdorf's spikerush				C	WC
<i>Elmera racemosa</i>	elmera			4	C	HC
<i>Empetrum nigrum</i>	black crowberry				B	CZ
<i>Enemion stipitatum</i>	dwarf rue-anemone; dwarf isopyrum			4	B	WV
<i>Epilobium clavatum</i>	club fruited willowherb				C	WC, HC
<i>Epilobium lactiflorum</i>	white flowered willowherb				C	WC, HC
<i>Epilobium luteum</i>	yellow willowherb			4	C	WC
<i>Epilobium torreyi</i>	Torrey's willowherb				C	WV
<i>Equisetum fluviatile</i> L.	water horsetail				B	WC
<i>Ericameria bloomeri</i>	<i>rabbitbrush goldenweed</i>				C	WC, HC
<i>Ericameria greenei</i>	Greene's goldenweed				C	WC, HC

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Ericameria nauseosa</i> var. <i>speciosa</i>	rabbitbrush				C	WC
<i>Erigeron decumbens</i>	Willamette Valley daisy	LE	LE	1	A	WV
<i>Erigeron inornatus</i> var. <i>inornatus</i>	showy daisy				B	WV, WC
<i>Erigeron speciosus</i> var. <i>speciosus</i>	California rayless daisy				B	WC
<i>Eriophorum chamissonis</i>	russet cottongrass			2	A	CZ
<i>Erythranthe cardinalis</i>	scarlet monkeyflower				B	WV, WC
<i>Erythranthe pulcherrima</i>	candelabrum monkeyflower				C	WC
<i>Erythronium revolutum</i>	coast fawnlily			4	B	CZ, CR
<i>Eucephalus vialis</i>	wayside aster		LT	1	A	WV
<i>Euonymus occidentalis</i>	western wahoo			4	B	CR, WC
<i>Euthamia occidentalis</i>	western goldenrod				B	WV
<i>Festuca rubra</i> L. ssp. <i>mediana</i>	dune red fescue				C	CZ
<i>Floerkea proserpinacoides</i>	False mermaid				B	WC
<i>Frasera umpquaensis</i>	Umpqua fraseria		C	1	A	WC
<i>Fritillaria atropurpurea</i>	purple fritillary				C	WC
<i>Fritillaria glauca</i>	Siskiyou fritillary			4	B	WC
<i>Gentiana newberryi</i> var. <i>newberryi</i>	Newberry's gentian			2	A	WC
<i>Gentianopsis simplex</i>	one flowered gentian				B	WC
<i>Geranium bicknellii</i>	Bicknell's geranium				C	WC
<i>Geranium richardsonii</i>	Richardson's geranium				B	WC
<i>Glehnia leiocarpa</i>	beach silvertop				B	CZ
<i>Glyceria leptostachya</i>	slenderspike mannagrass				C	WV, WC
<i>Heterotheca oregona</i>	Oregon goldenaster				B	WV
<i>Heuchera glabra</i>	smooth alumroot				C	WC, HC
<i>Hieracium bolanderi</i>	Bolander's hawkweed				C	WC
<i>Hieracium greenei</i>	Greene's hawkweed			3	C	WC
<i>Hieracium parryi</i>	Parry's hawkweed				C	WV
<i>Hierochloë odorata</i>	holy grass, vanilla grass			4	C	WC
<i>Honckenya peploides</i> ssp. <i>major</i>	sea purslane				C	CZ
<i>Horkelia congesta</i> ssp. <i>congesta</i>	shaggy horkelia	SOC	C	1	A	WV
<i>Horkelia fusca</i> ssp. <i>filicoides</i>	dusky horkelia				C	WC
<i>Idahoia scapigera</i>	flatpod				C	WV
<i>Ipomopsis congesta</i> ssp. <i>palmifrons</i>	mountain ballhead gilia				C	HC
<i>Isoetes howellii</i>	Howell's quillwort				C	CZ
<i>Isoetes occidentalis</i>	western quillwort				C	CZ

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Juncus hemiendytus</i> var. <i>hemiendytus</i>	dwarf rush				C	WV
<i>Juncus supiniformis</i>	hairleaved rush				B	CZ
<i>Kyhosia bolanderi</i>	Bolander's tarweed				C	WC
<i>Lagophylla ramosissima</i>	slender hairleaf				B	WV
<i>Lasthenia glaberrima</i>	smooth goldfields				B	WV
<i>Lathyrus holochlorus</i>	thin leaved peavine	SOC	LT	1	A	WV, WC
<i>Lathyrus lanszwertii</i> var. <i>aridus</i>	Nevada peavine				B	WC
<i>Lathyrus palustris</i>	marsh pea				B	CZ
<i>Lathyrus vestitus</i> var. <i>ochropetalus</i>	Pacific pea				B	WV, WC
<i>Leptosiphon ciliatus</i>	whiskerbrush				C	WC
<i>Leptosiphon nuttallii</i> ssp. <i>nuttallii</i>	Nuttall's linanthus				C	WC
<i>Lewisia columbiana</i> var. <i>columbiana</i>	Columbia lewisia			2	A	WC
<i>Lewisia nevadensis</i>	Nevada lewisia				B	WC
<i>Lewisia pygmaea</i>	dwarf lewisia				C	WC, HC
<i>Lilium pardalinum</i> ssp. <i>pardalinum</i>	leopard lily				B	WC
<i>Limonium californicum</i>	western marsh rosemary			2	C	CZ
<i>Lithophragma glabrum</i>	slender woodland star				C	WV
<i>Lithophragma tenellum</i>	San Francisco woodland star				B	WV
<i>Lomatium bradshawii</i>	Bradshaw's desert parsley	R	LT	1	A	WV
<i>Lomatium macrocarpum</i>	large fruited lomatium				B	WV
<i>Lonicera utahensis</i>	Utah honeysuckle				B	WC
<i>Lupinus affinis</i>	fleshy lupine				B	WV
<i>Lupinus lepidus</i> var. <i>lepidus</i>	Pacific lupine				B	CR, WV
<i>Lupinus oregonus</i>	Oregon lupine	LT	LT	1	A	WV
<i>Lupinus sericeus</i>	silky lupine				C	WC, HC
<i>Lycopodiella inundata</i>	bog clubmoss			2	A	CZ, CR, WC
<i>Lysimachia europaea</i>	northern starflower				B	CZ, WC
<i>Marsilea vestita</i>	hair waterclover			3	B	WV
<i>Micranthes nelsoniana</i> var. <i>cascadensis</i>	dotted saxifrage				C	WC, HC
<i>Monardella odoratissima</i>	mountain monardella				C	WC
<i>Moneses uniflora</i>	single delight; woodnymph				C	CZ,CR
<i>Montia chamissoi</i>	water montia				C	WC
<i>Montia dichotoma</i>	dwarf montia				B	WV

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Montia howellii</i>	Howell's montia		C	4	A	WV, WC
<i>Navarretia capilaris</i>	smooth leaved gilia				B	WC
<i>Navarretia sinistra</i>	Alva Day's gilia; Willamette navarretia			4	C	WV
<i>Noccaea fendleri</i> ssp. <i>glauca</i>	alpine pennycress				C	WC
<i>Nuttallanthus texanus</i>	large flowered toadflax; Texas linaria				B	WV, WC
<i>Olsynium douglasii</i> var. <i>douglasii</i>	grass widows				B	WV
<i>Ophioglossum pusillum</i>	northern adder's tongue			2	A	WC
<i>Packera bolanderi</i> var. <i>bolanderi</i>	Bolander's groundsel				C	WC
<i>Parnassia fimbriata</i>	fringed grass-of-Parnassus				C	WC
<i>Pedicularis contorta</i> Benth.	coiled pedicularis				C	WC
<i>Pellaea andromedifolia</i>	coffee fern			2	A	WV
<i>Pellaea brachyptera</i>	Sierra cliff brake				B	WC
<i>Persicaria punctata</i>	dotted knotweed			3	C	WV
<i>Phacelia verna</i>	spring phacelia			4	C	WC
<i>Pinus albicaulis</i>	Whitebark pine	LT		1	A	2HC
<i>Pityopus californicus</i>	pinefoot				B	WC
<i>Plagiobothrys nothofulvus</i>	rusty popcorn flower				C	WV
<i>Platanthera elegans</i>	elegant rein orchid				C	CZ, WV, WC
<i>Platanthera elongata</i>	green flowered piperia			3	C	WC
<i>Platanthera ephemerantha</i>	white flowered piperia			3	C	WC
<i>Platanthera transversa</i>	Suksdorf's piperia				C	WV, WC
<i>Platanthera sparsiflora</i>	sparse flowered bog orchid				C	WC
<i>Pleuricospora fimbriolata</i>	fringed pinesap				C	WC
<i>Poa stenantha</i> var. <i>stenantha</i>	narrow flower bluegrass				C	WC
<i>Polemonium occidentale</i>	western polemonium				C	WC
<i>Polemonium pulcherrimum</i> var. <i>pulcherrimum</i>	skunk leaved polemonium, showy polemonium				C	HC
<i>Polygonum californicum</i>	California knotweed				C	WC
<i>Polygonum majus</i>	wiry knotweed				C	WC
<i>Polygonum polygaloides</i> ssp. <i>confertiflorum</i>	close flowered knotweed				C	WV
<i>Polypodium calirhiza</i>	nested polypody; hotroot polypody			3	C	CZ
<i>Polystichum californicum</i>	California sword fern			2	A	WC
<i>Polystichum kruckebergii</i>	Kruckeberg's sword fern			4	C	HC
<i>Polystichum scopulinum</i>	rock sword fern				C	HC

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Potamogeton praelongus</i>	Robbins' pondweed			2	B	CZ
<i>Potentilla villosa</i>	villous cinquefoil			2	A	HC
<i>Prunus subcordata</i>	Klamath plum; western plum				C	WV, WC
<i>Pseudognaphalium californicum</i>	California cudweed			2	B	CZ
<i>Psilocarphus tenellus</i>	slender woolyheads				C	WV
<i>Puccinellia pumila</i>	dwarf alkaligrass			2	C	CZ
<i>Pyrocoma racemosa</i> var. <i>racemosa</i>	racemed goldenweed			2	A	WV
<i>Quercus garryana</i> var. <i>breweri</i>	Brewer's oak				C	WC
<i>Ranunculus eschscholtzii</i> var. <i>suksdorfii</i>	Suksdorf's buttercup				C	HC
<i>Ranunculus lobbii</i>	Lobb's buttercup				B	WV
<i>Ribes laxiflorum</i>	coast trailing currant			2	C	CR
<i>Ribes triste</i>	American red currant				C	WC
<i>Romanzoffia thompsonii</i>	Thompson's mistmaidens			1	A	WV, WC
<i>Rosa spithamea</i>	ground rose				C	WC
<i>Rotala ramosior</i>	tooth cup			2	A	WV
<i>Rubus pedatus</i>	strawberry dwarf bramble, five leaved dwarf bramble				C	WC
<i>Sabulina cismontana</i>	cismontane sandwort				C	WV, WC
<i>Sagittaria cuneata</i>	arumleaf arrowhead				C	WC, HC
<i>Sagittaria latifolia</i> Willd.	wapato; arrowhead				B	WV
<i>Salix lemmonii</i>	Lemmon's willow				C	WV
<i>Salix ligulifolia</i>	strapleaf willow				C	HC
<i>Salix prolixa</i>	Mackenzie's willow				C	WV
<i>Saxifraga cespitosa</i>	tufted alpine saxifrage				C	WC
<i>Scheuchzeria palustris</i>	American scheuchzeria			2	A	WC
<i>Schoenoplectus subterminalis</i>	water bulrush			2	A	CZ
<i>Scirpus pallidus</i>	pale bulrush			2	C	WV
<i>Scirpus pendulus</i>	drooping bulrush			2	A	WV
<i>Scrophularia lanceolata</i>	lanceleaf figwort				B	WV
<i>Scutellaria lateriflora</i>	mad dog skullcap				B	WV
<i>Sericocarpus oregonensis</i> ssp. <i>oregonensis</i>	Oregon white topped aster				B	WV, WC
<i>Sericocarpus rigidus</i>	rigid white topped aster	SOC	LT	1	A	WV
<i>Sidalcea campestris</i>	meadow checkermallow		C	4	A	WV
<i>Sidalcea hendersonii</i>	Henderson's checkermallow			1	A	CZ
<i>Silene antirrhina</i>	sleepy catchfly				C	WV, WC

Scientific Name	Common Name	Federal Status	State Status	ORBIC List	Em Chap List	Ecoregion(s)
<i>Silene bernardina</i>	mountain catchfly				C	WC
<i>Silene hookeri</i> ssp. <i>hookeri</i>	Indian pink				B	WV, WC
<i>Silene suksdorfii</i>	Cascade alpine catchfly			4	C	HC
<i>Sisyrinchium hitchcockii</i>	Hitchcock's blue eyed grass	SOC	LE	1	A	WV
<i>Smelowskia ovalis</i>	alpine smelowskia			4	C	HC
<i>Sphenosciadium capitellatum</i>	swamp woollyheads				C	WC
<i>Spiranthes porrifolia</i>	western ladies' tresses				B	WV, HC
<i>Spiranthes stellata</i>	starry ladies' tresses				B	WC
<i>Stephanomeria lactucina</i>	large flowered wirelettuce				C	WC
<i>Streptanthus tortuosus</i>	jewelflower				C	WC
<i>Trichostema oblongum</i>	tufted bulrush			3	B	WC
<i>Trichostema oblongum</i>	downy blue curls				C	WC
<i>Trifolium ciliolatum</i>	tree clover				C	WV, WC
<i>Trifolium cyathiferum</i>	cup clover				C	WC
<i>Trifolium eriocephalum</i> ssp. <i>eriocephalum</i>	woolly head clover				C	WV, WC
<i>Triglochin scilloides</i>	flowering quillwort			4	C	CZ
<i>Triglochin striata</i>	three ribbed arrowgrass			3	B	CZ
<i>Triteleia grandiflora</i>	Howell's brodiaea				B	WV
<i>Utricularia gibba</i>	humped bladderwort			2	A	CZ, CR
<i>Utricularia intermedia</i>	mountain bladderwort				C	WC
<i>Utricularia minor</i>	lesser bladderwort			2	A	CZ, WC
<i>Utricularia ochroleuca</i>	buff bladderwort				A	WC
<i>Vaccinium oxycoccos</i>	wild cranberry			4	C	CZ
<i>Verbena hastata</i>	blue verbena				B	WV
<i>Viburnum edule</i>	highbush cranberry				C	WC
<i>Viola hallii</i>	Hall's violet				B	CR, WV
<i>Viola praemorsa</i> ssp. <i>praemorsa</i>	upland yellow violet			3	B	CR, WV, WC
<i>Wolffia borealis</i>	dotted watermeal			2	A	WV
<i>Wolffia columbiana</i>	Columbia watermeal			2	A	WV
<i>Woodsia scopulina</i> ssp. <i>scopulina</i>	Oregon cliff fern				C	WC, HC
<i>Woodwardia fimbriata</i>	Rocky Mt. cliff fern				C	WC
<i>Yabea macrocarpa</i>	western hedge parsley				C	WV, WC



## Key to Lane County Rare and Endangered Lists

List A - Species with Federal (U.S. Fish and Wildlife Service), State (Oregon Department of Agriculture) and/or are on the ORBIC List 1 or List 2. These species have some protection on state and federal lands:

1. Federally (USFWS) listed as Endangered, Threatened, Candidate or Species of Concern
2. State (ODA) listed as Endangered, Threatened or Candidate
3. On ORBIC List 1 (endangered or threatened throughout range) or List 2 (endangered or threatened in Oregon, but stable elsewhere)

List B - Taxa, not on List A, that have few known populations in Lane County (generally 10 or fewer) and have some threat to their survival (to habitat, genetic diversity, over harvesting, etc.). These species have no statewide protective status under state or federal programs.

List C - These are species Emerald Chapter, NPSO, wants to track. It includes:

1. Species on ORBIC List 3 (Review List) unless already on List B because of special concern in Lane County.
2. Species limited in number and not widespread in Lane County. Abundance has been documented. Populations are currently stable but should be watched.
3. Species known from one to several sites in Lane County but actual abundance is uncertain. More research is needed to determine status.

Historic- These are rare species that have been documented in Lane County in the past but have not been relocated in the past 40 years.

Watch- These are rare species that have been located near Lane County but no known populations currently exist within county boundaries.

### **Federal (US Fish and Wildlife Service) status:**

LE = listed endangered

LT = listed threatened

SOC = species of concern

### **State (Oregon Department of Agriculture) status:**

LE = listed endangered

LT = listed threatened

C = candidate for listing

### **ORBIC (Oregon Biodiversity Information Center) list:**

1 = endangered or threatened throughout range

2 = endangered or threatened in Oregon, but stable elsewhere

3 = more information is needed before status can be determined  
4 = of conservation concern, but not currently threatened or endangered

**Ecoregions:**

CZ = Coastal Zone

CR = Coast Range

WV = Willamette Valley

WC = Western Cascades

HC = High Cascades