

Castilleja Hill/Memaloose Loop

Columbia River Gorge

Wasco County, OR

T2N R12E S4, 5 & T3N R12E S32, 33

Compiled by Paul Slichter. Updated April 26, 2011

Flora Northwest: <http://science.halleyhosting.com>

Trail proceeds from W. end of Memaloose Rest Area (I-84 eastbound) uphill to overlook on Old Highway 30, then south to Castilleja Hill (Marsh Hill?), then east to Marsh Cutoff Road. Turn right onto Highway 30 passing private property on the north for about 0.2 miles, then down the small draw along the fence line to Memaloose State Park and the Rest Area.

<u>Common Name (Jolley #)</u>	<u>Scientific Name</u>	<u>Family</u>
Big-leaf Maple	<i>Acer macrophyllum</i>	Aceraceae
Poison Oak (329)	<i>Toxicodendron diversiloba</i>	Anacardiaceae
Chervil	<i>Anthriscus scandicina</i>	Apiaceae
Columbia Desert Parsley (388)	<i>Lomatium columbianum</i>	Apiaceae
Pungent Desert Parsley (390)	<i>Lomatium grayi</i>	Apiaceae
Slender-fruit Desert Parsley ? (392)	<i>Lomatium leptocarpum</i> ?	Apiaceae
Biscuitroot (yellow-flowered form) (393)	<i>Lomatium macrocarpum</i>	Apiaceae
Bare-stem Desert Parsley (396)	<i>Lomatium nudicaule</i>	Apiaceae
Salt and Pepper (397)	<i>Lomatium piperi</i>	Apiaceae
Broadnineleaf Desert Parsley (399)	<i>Lomatium triternatum</i> v. <i>anomalum</i>	Apiaceae
Common Sweet Cicely (401)	<i>Osmorhiza berteroi</i>	Apiaceae
Western Snakeroot (404)	<i>Sanicula crassicaulis</i>	Apiaceae
Sierra Snakeroot (405)	<i>Sanicula graveolens</i>	Apiaceae
Hemp Dogbane (448)	<i>Apocynum cannabinum</i>	Apocynaceae
Narrow-leaf Milkweed (449)	<i>Asclepias fascicularis</i> ?	Asclepiadaceae
Yarrow (707)	<i>Achillea millefolium</i>	Asteraceae
Annual Agoseris (609)	<i>Agoseris heterophylla</i>	Asteraceae
Spearleaf Agoseris	<i>Agoseris retrorsa</i>	Asteraceae
Heartleaf Arnica (693)	<i>Arnica cordifolia</i>	Asteraceae
Carey's Balsamroot	<i>Balsamorhiza careyana</i>	Asteraceae
Northwestern Balsamroot (723)	<i>Balsamorhiza deltoidea</i>	Asteraceae
Knapweed	<i>Centaurea</i> sp.	Asteraceae
Canada Thistle (635)	<i>Cirsium</i> (arvense?)	Asteraceae
Columbia Goldenweed (683)	<i>Columbiadora hallii</i>	Asteraceae
Gray Hawksbeard ? (613)	<i>Crepis intermedia</i> ?	Asteraceae
Western Hawksbeard (614)	<i>Crepis occidentalis</i>	Asteraceae
Gold Stars (696)	<i>Crocidium multicaule</i>	Asteraceae
Thread-leaf Fleabane	<i>Erigeron filifolius</i>	Asteraceae
Hairy Goldaster (666)	<i>Heterotheca villosa</i>	Asteraceae
Scouler's Hawkweed (617)	<i>Hieracium scouleri</i> (v. <i>cynoglossoides</i> ?)	Asteraceae
False Agoseris (624)	<i>Nothocalais troximoides</i>	Asteraceae
Western Groundsel (703)	<i>Senecio integerrimus</i> v. <i>exaltatus</i>	Asteraceae
Common Dandelion	<i>Taraxacum officinale</i>	Asteraceae
Yellow Salsify (629)	<i>Tragopogon dubius</i>	Asteraceae
Shining Oregon Grape (153)	<i>Berberis aquifolium</i>	Berberidaceae
California Hazelnut	<i>Corylus cornuta</i> v. <i>californica</i>	Betulaceae

Tarweed Fiddleneck (480)	<i>Amsinckia lycopsoides</i>	Boraginaceae
Rigid Fiddleneck (482)	<i>Amsinckia retrorsa</i>	Boraginaceae
Weakstem Cryptantha	<i>Cryptantha flaccida</i>	Boraginaceae
Common Cryptantha	<i>Cryptantha intermedia</i>	Boraginaceae
Puccoon (490)	<i>Lithospermum ruderales</i>	Boraginaceae
Yellow and Blue Scorpion Grass	<i>Myosotis discolor</i>	Boraginaceae
Blue Scorpion Grass	<i>Myosotis micrantha</i>	Boraginaceae
Scouler's Popcorn Flower (497)	<i>Plagiobothrys scouleri</i>	Boraginaceae
Slender Popcorn Flower (498)	<i>Plagiobothrys tenellus</i>	Boraginaceae
Mouse-ear Cress	<i>Arabidopsis thaliana</i>	Brassicaceae
Little-leaf Rock Cress (166)	<i>Arabis microphylla</i>	Brassicaceae
Bitter Wintercress ?	<i>Barbarea vulgaris</i>	Brassicaceae
Hairy Bittercress	<i>Cardamine hirsuta</i>	Brassicaceae
Oaks Toothwort (176)	<i>Cardamine nuttallii</i> v. <i>nuttallii</i>	Brassicaceae
Western Bitter Cress (173)	<i>Cardamine occidentalis</i>	Brassicaceae
Little Western Bittercress (174)	<i>Cardamine oligosperma</i>	Brassicaceae
Spring Whitlow-grass (180)	<i>Draba verna</i> v. <i>boerhaavii</i>	Brassicaceae
Rough Wallflower (181)	<i>Erysimum capitatum</i>	Brassicaceae
Fringe Pod (194)	<i>Thysanocarpus curvipes</i>	Brassicaceae
Orange Honeysuckle (585)	<i>Lonicera ciliosa</i>	Caprifoliaceae
Blue Elderberry (588)	<i>Sambucus mexicana</i>	Caprifoliaceae
Common Snowberry (590)	<i>Symphoricarpos albus</i>	Caprifoliaceae
Mouse-ear Chickweed	<i>Cerastium glomeratum</i>	Caryophyllaceae
Common Chickweed	<i>Stellaria media</i>	Caryophyllaceae
Shining Chickweed	<i>Stellaria nitens</i>	Caryophyllaceae
Creek Dogwood (409)	<i>Cornus sericea</i> (v. ?)	Cornaceae
Broad-leaf Stonecrop (199)	<i>Sedum spathulifolium</i>	Crassulaceae
Big Root (600)	<i>Marah oreganus</i>	Cucurbitaceae
Bracken Fern	<i>Pteridium aquilinum</i>	Dennstaedtiaceae
Fragile Fern	<i>Cystopteris fragilis</i>	Dryopteridaceae
Cliff Fern ?	<i>Woodsia oregana</i>	Dryopteridaceae
Imbricate Sword Fern ?	<i>Polystichum imbricans</i> ssp. <i>imbricans?</i>	Dryopteridaceae
Common Sword Fern?	<i>Polystichum munitum</i> ?	Dryopteridaceae
Manzanita (411)	<i>Arctostaphylos columbiana</i>	Ericaceae
Few-flowered Pea (288)	<i>Lathyrus pauciflorus</i> v. <i>pauciflorus</i>	Fabaceae
Bicolored Lupine (297)	<i>Lupinus bicolor</i>	Fabaceae
Common Broad-leaf Lupine (299)	<i>Lupinus latifolius</i> v. <i>thompsonianus</i>	Fabaceae
Small-flowered Lupine (304)	<i>Lupinus micranthus</i>	Fabaceae
Big-head Clover (317)	<i>Trifolium macrocephalum</i>	Fabaceae
Sand Clover (319)	<i>Trifolium tridentatum</i>	Fabaceae
American Vetch	<i>Vicia americana</i>	Fabaceae
Bird Vetch	<i>Vicia cracca</i>	Fabaceae
Tiny Vetch	<i>Vicia hirsuta</i>	Fabaceae
Common Vetch (323)	<i>Vicia sativa</i>	Fabaceae
Hairy Vetch (324)	<i>Vicia villosa</i>	Fabaceae
Fabronia Moss	<i>Fabronia pusilla</i> ?	Fabroniaceae
Oregon White Oak	<i>Quercus garryana</i>	Fagaceae
Dutchman's Breeches (161)	<i>Dicentra cucullaria</i>	Fumariaceae

Columbia Frasera (443)	<i>Frasera albicaulis</i> v. <i>columbiana</i>	Gentianaceae
Filaree (325)	<i>Erodium cicutarium</i>	Geraniaceae
Dovefoot Geranium	<i>Geranium molle</i>	Geraniaceae
Donn's Dry Rock Moss	<i>Grimmia donniana</i> ?	Grimmiaceae
Grimmia Dry Rock Moss	<i>Grimmia torquata</i> ?	Grimmiaceae
Racomitrium Moss	<i>Racomitrium affine</i>	Grimmiaceae
Straggly Gooseberry (231)	<i>Ribes divaricatum</i>	Grossulariaceae
Mock Orange (236)	<i>Philadelphus lewisii</i>	Hydrangeaceae
Ball-head Waterleaf (470)	<i>Hydrophyllum capitatum</i> v. <i>thompsonii</i>	Hydrophyllaceae
Woods Nemophila (472)	<i>Nemophila parviflora</i>	Hydrophyllaceae
Meadow Nemophila (473)	<i>Nemophila pedunculata</i>	Hydrophyllaceae
Silverleaf Phacelia (474)	<i>Phacelia hastata</i> v. <i>hastata</i>	Hydrophyllaceae
Varied-leaf Phacelia (475)	<i>Phacelia heterophylla</i>	Hydrophyllaceae
Grass Widows (47)	<i>Olsynium douglasii</i> v. <i>douglasii</i>	Iridaceae
Common Woodrush	<i>Luzula multiflora</i> ssp. <i>multiflora</i>	Juncaceae
Henbit	<i>Lamium amplexicaule</i>	Lamiaceae
Taper-tip Onion (8)	<i>Allium acuminatum</i>	Liliaceae
Green-banded Mariposa Lily (17)	<i>Calochortus macrocarpus</i> v. <i>macrocarpus</i>	Liliaceae
Common Camas (20)	<i>Camassia quamash</i> (ssp. <i>quamash</i> ?)	Liliaceae
Ookow, Ball-head Cluster Lily (13)	<i>Dichelostemma congestum</i>	Liliaceae
Glacier Lily (15)	<i>Erythronium grandiflorum</i> v. <i>grandiflorum</i>	Liliaceae
Chocolate Lily (27)	<i>Fritillaria affinis</i>	Liliaceae
Yellow Bells (28)	<i>Fritillaria pudica</i>	Liliaceae
False Solomon Seal (31)	<i>Maianthemum racemosum</i> ssp. <i>amplexicaule</i>	Liliaceae
Panicled Death-camas (42)	<i>Toxicoscordion paniculatum</i>	Liliaceae
Meadow Death-camas (43)	<i>Toxicoscordion venenosum</i>	Liliaceae
Bicolored Cluster Lily (15)	<i>Triteleia grandiflora</i> ssp. <i>howellii</i>	Liliaceae
Fireweed (365)	<i>Chamerion angustifolium</i>	Onagraceae
Fairy Slipper (50)	<i>Calypso bulbosa</i>	Orchidaceae
Long-spurred Rein Orchid ?	<i>Piperia elegans</i> (60)? (<i>P. unalascensis</i> ? (63))	Orchidaceae
Naked Broomrape (578)	<i>Orobanche uniflora</i> v. <i>minuta</i>	Orobanchaceae
Naked Broomrape (578)	<i>Orobanche uniflora</i> v. <i>purpurea</i>	Orobanchaceae
Ponderosa Pine	<i>Pinus ponderosa</i>	Pinaceae
Douglas Fir	<i>Pseudotsuga menziesii</i>	Pinaceae
English Plantain	<i>Plantago lanceolata</i>	Plantaginaceae
Cheatgrass	<i>Bromus tectorum</i>	Poaceae
Mexican Lovegrass	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	Poaceae
Tufted Lovegrass	<i>Eragrostis pectinacea</i>	Poaceae
Prairie Junegrass	<i>Koeleria macrantha</i>	Poaceae
Bulbous Bluegrass	<i>Poa bulbosa</i>	Poaceae
Medusahead Wildrye	<i>Taeniatherum caput-medusae</i>	Poaceae
Intermediate Wheatgrass	<i>Thinopyrum intermedium</i> ssp. <i>intermedium</i> ?	Poaceae
Baby Stars (458)	<i>Leptosiphon bicolor</i>	Polemoniaceae
Midget Phlox (459)	<i>Microsteris gracilis</i>	Polemoniaceae
Heart-leaf Buckwheat (74)	<i>Eriogonum compositum</i> v. <i>compositum</i>	Polygonaceae
Tall Buckwheat (77)	<i>Eriogonum elatum</i>	Polygonaceae
Strict Buckwheat (78)	<i>Eriogonum strictum</i> v. <i>proliferum</i>	Polygonaceae
Curly Dock ?	<i>Rumex crispus</i>	Polygonaceae

Licorice Fern	<i>Polypodium glycyrrhiza</i>	Polypodiaceae
Linear-leaved Springbeauty (104)	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	Portulacaceae
Miner's Lettuce (104)	<i>Claytonia perfoliata</i> ssp. <i>intermontana</i>	Portulacaceae
Miner's Lettuce (104)	<i>Claytonia perfoliata</i> ssp. <i>perfoliata</i>	Portulacaceae
Red Miner's Lettuce	<i>Claytonia rubra</i> ssp. <i>rubra</i>	Portulacaceae
Water Chickweed	<i>Montia fontana</i>	Portulacaceae
Line-leaf Montia (102)	<i>Montia linearis</i>	Portulacaceae
Desert Shooting Star (429)	<i>Dodecatheon conjugens</i>	Primulaceae
Poet's Shooting Star (434)	<i>Dodecatheon poeticum</i>	Primulaceae
Broad-leaf Starflower (440)	<i>Trientalis latifolia</i>	Primulaceae
Upland Larkspur (135)	<i>Delphinium nuttallianum</i> v. <i>nuttallianum</i>	Ranunculaceae
Plantain-leaf Buttercup (139)	<i>Ranunculus alismaefolius</i> var. <i>alismaefolius</i>	Ranunculaceae
Macoun's Buttercup ? (144)	<i>Ranunculus macounii</i> ?	Ranunculaceae
Western Buttercup (145)	<i>Ranunculus occidentalis</i> v. <i>occidentalis</i>	Ranunculaceae
Deer Brush (334)	<i>Ceanothus integerrimus</i>	Rhamnaceae
Cusick's Serviceberry (237)	<i>Amelanchier alnifolia</i> v. <i>cusickii</i>	Rosaceae
Western Lady's Mantle	<i>Aphanes occidentalis</i>	Rosaceae
Woods Strawberry (241)	<i>Fragaria vesca</i> ssp. <i>bracteata</i>	Rosaceae
Broad-petal Strawberry (242)	<i>Fragaria virginiana</i> v. <i>platypetala</i>	Rosaceae
Creambush Ocean Spray (244)	<i>Holodiscus discolor</i>	Rosaceae
Sticky Cinquefoil (251)	<i>Potentilla glandulosa</i> v. <i>glandulosa</i>	Rosaceae
Bitter Cherry (255)	<i>Prunus emarginata</i> v. <i>emarginata</i>	Rosaceae
Choke Cherry (256)	<i>Prunus virginiana</i> v. <i>melanocarpa</i>	Rosaceae
Pearhip Rose (263)	<i>Rosa woodsii</i> v. <i>ultramontana</i>	Rosaceae
Himalayan Blackberry (264)	<i>Rubus armeniacus</i>	Rosaceae
Blackcap (266)	<i>Rubus leucodermis</i>	Rosaceae
Thimbleberry 267)	<i>Rubus parviflorus</i>	Rosaceae
Trailing Blackberry (270)	<i>Rubus ursinus</i> v. <i>macropetalus</i>	Rosaceae
Menzie's Spiraea (276)	<i>Spiraea douglasii</i> v. <i>menziesii</i>	Rosaceae
Bedstraw (580)	<i>Galium aparine</i> v. <i>echinospermum</i>	Rubiaceae
Quaking Aspen	<i>Populus tremuloides</i>	Salicaceae
Black Cottonwood	<i>Populus trichocarpa</i>	Salicaceae
Willow	<i>Salix</i> sp.	Salicaceae
Common Bastard Toad-flax (71)	<i>Commandra umbellata</i> v. <i>californica</i>	Santalaceae
Bulblet Prairie Star (206)	<i>Lithophragma bulbifera</i> (now <i>L. glabrum</i>)	Saxifragaceae
Smooth Prairie Star (207)	<i>Lithophragma glabrum</i>	Saxifragaceae
Small-flowered Prairie Star (208)	<i>Lithophragma parviflorum</i>	Saxifragaceae
Puccoon (490)	<i>Lithospermum ruderales</i>	Saxifragaceae
Northwestern Saxifrage (219)	<i>Saxifraga integrifolia</i> v. <i>integrifolia</i>	Saxifragaceae
Merten's Saxifrage (220)	<i>Saxifraga mertensiana</i>	Saxifragaceae
Peak Saxifrage (219)	<i>Saxifraga nidifica</i> v. <i>claytoniifolia</i>	Saxifragaceae
Western Saxifrage (221)	<i>Saxifraga occidentalis</i> (or <i>S. gormanii</i> or <i>S. rufidula</i>)	Saxifragaceae
Violet Suksdorfia (223)	<i>Suksdorfia violacea</i>	Saxifragaceae
Fringe Cup (225)	<i>Tellima grandiflora</i>	Saxifragaceae
California Fungi	<i>Scleroderma cepa</i>	Sclerodermataceae
Narrow-leaf Owl-clover (546)	<i>Castilleja attenuata</i> (<i>Orthocarpus attenuatus</i>)	Scrophulariaceae
Harsh Paintbrush (520)	<i>Castilleja hispida</i> v. <i>acuta</i>	Scrophulariaceae
Harsh Paintbrush (520)	<i>Castilleja hispida</i> v. <i>hispida</i>	Scrophulariaceae
Large-flowered Blue-eyed Mary (524)	<i>Collinsia grandiflora</i>	Scrophulariaceae

Small-flowered Blue-eyed Mary (525)	<i>Collinsia parviflora</i>	Scrophulariaceae
Few-flowered Blue-eyed Mary (527)	<i>Collinsia sparsiflora</i>	Scrophulariaceae
Common Monkey Flower (542)	<i>Mimulus guttatus</i>	Scrophulariaceae
Cutleaf Penstemon	<i>Penstemon richardsonii</i> (v. <i>curtiflorus</i> ?)	Scrophulariaceae
Cutleaf Penstemon (560)	<i>Penstemon richardsonii</i> v. <i>richardsonii</i>	Scrophulariaceae
Riggin's Penstemon	<i>Penstemon triphyllus</i> ?	Scrophulariaceae
Small-flowered Tonella (568)	<i>Tonella tenella</i>	Scrophulariaceae
Dwarf Owl-clover (548)	<i>Triphysaria pusilla</i> (<i>Orthocarpus pusillus</i>)	Scrophulariaceae
Corn Speedwell	<i>Veronica arvensis</i>	Scrophulariaceae
Purslane Speedwell (573)	<i>Veronica peregrina</i> v. <i>xalapensis</i>	Scrophulariaceae
Common Cattail	<i>Typha latifolia</i>	Typhaceae
Stinging Nettles (70)	<i>Urtica dioica</i> (ssp. ?)	Urticaceae
Long-spurred Plectritis (594)	<i>Plectritis ciliosa</i>	Valerianaceae
Rosy Plectritis (595)	<i>Plectritis congesta</i>	Valerianaceae
White Plectritis (596)	<i>Plectritis macrocera</i>	Valerianaceae
Corn Salad	<i>Valerianella locusta</i>	Valerianaceae
Wallroth's Trapeliopsis Lichen	<i>Trapeliopsis wallrothii</i>	Trapeliaceae
Wolfbane Lichen	<i>Letharia vulpina</i>	Parmeliaceae
Membranous Dog Lichen?	<i>Peltigera membranacea</i> ?- brown thallus	Peltigeraceae