

**Castilleja Hill/Memaloose Loop  
Columbia River Gorge  
Wasco County, OR**

**T2N R12E S4, 5 & T3N R12E S32, 33**

Compiled by Paul Slichter. Updated March 31, 2014

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
Yampah (403)	<i>Perideridia gairdneri</i>	Apiaceae
Western Snakeroot (404)	<i>Sanicula crassicaulis</i>	Apiaceae
Sierra Snakeroot (405)	<i>Sanicula graveolens</i>	Apiaceae
Spreading Hedgeparsley	<i>Torillis arvensis</i>	Apiaceae
Flytrap Dogbane (447)	<i>Apocynum androsaemifolium</i>	Apocynaceae
Hemp Dogbane (448)	<i>Apocynum cannabinum</i>	Apocynaceae
Narrow-leaf Milkweed (449)	<i>Asclepias fascicularis</i>	Asclepiadaceae
Yarrow (707)	<i>Achillea millefolium</i>	Asteraceae
Large-flowered Agoseris (608)	<i>Agoseris grandiflora</i>	Asteraceae
Annual Agoseris (609)	<i>Agoseris heterophylla</i>	Asteraceae
Spearleaf Agoseris	<i>Agoseris retrorsa</i>	Asteraceae
Field Pussytoes (645)	<i>Antennaria howellii</i> ssp. <i>neodioica</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
Tumble Knapweed (632)	<i>Centaurea diffusa</i>	Asteraceae
Rush Skeletonweed	<i>Chondrilla juncea</i>	Asteraceae
Canada Thistle (635)	<i>Cirsium</i> (arvense?)	Asteraceae
Bull Thistle (639)	<i>Cirsium vulgare</i>	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
Columbia Goldenweed (684)	<i>Ericameria resinosa</i> ( <i>Haplopappus resinusus</i> )	Asteraceae
Thread-leaf Fleabane (671)	<i>Erigeron filifolius</i>	Asteraceae

Oregon Sunshine (730)	<i>Eriophyllum lanatum</i> v. <i>lanatum</i>	Asteraceae
Marsh Cudweed (649)	<i>Gnaphalium palustre</i>	Asteraceae
Hairy Goldaster (666)	<i>Heterotheca villosa</i>	Asteraceae
White-flowered Hawkweed (615)	<i>Hieracium albiflorum</i>	Asteraceae
Scouler's Hawkweed (617)	<i>Hieracium scouleri</i> (v. <i>cynoglossoides</i> ?)	Asteraceae
False Dandelion	<i>Hypochaeris radicata</i>	Asteraceae
Prickly Lettuce	<i>Lactuca serriola</i>	Asteraceae
Rabbit Leaf (735)	<i>Laghylla ramossima</i>	Asteraceae
Oxeye Daisy (719)	<i>Leucanthemum vulgare</i>	Asteraceae
Little Tarweed (739)	<i>Madia exigua</i>	Asteraceae
Common Tarweed (741)	<i>Madia gracilis</i>	Asteraceae
Nodding Microseris (623)	<i>Microseris nutans</i>	Asteraceae
Wall Lettuce	<i>Mycelis muralis</i>	Asteraceae
False Agoseris (624)	<i>Nothocalais troximoides</i>	Asteraceae
Columbia Goldenweed (682)	<i>Pyrocoma carthamoides</i> v. <i>carthamoides</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 (484)	<i>Cryptantha flaccida</i>	Boraginaceae
Common Cryptantha (485)	<i>Cryptantha intermedia</i>	Boraginaceae
Common Houndstongue	<i>Cynoglossum officinale</i>	Boraginaceae
Creamy Stickseed (488)	<i>Hackelia diffusa</i> v. <i>cottonii</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
Fragrant Popcorn Flower (495)	<i>Plagiobothrys figuratus</i>	Boraginaceae
Eastside Popcorn Flower (497)	<i>Plagiobothrys hispidulus</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
Scale Pod (183)	<i>Idahoia scapigera</i>	Brassicaceae
Western Yellowcress (188)	<i>Rorippa curvisiliqua</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
Corn Cockle	<i>Agrostemma githago</i>	Caryophyllaceae

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
Leiberg's Stonecrop (197)	<i>Sedum leibergii</i>	Crassulaceae
Broad-leaf Stonecrop (199)	<i>Sedum spathulifolium</i>	Crassulaceae
Big Root (600)	<i>Marah oreganus</i>	Cucurbitaceae
Sedge	<i>Carex</i> sp.	Cyperaceae
Spikerush	<i>Eleocharis</i> sp.	Cyperaceae
Bracken Fern	<i>Pteridium aquilinum</i> v. <i>pubescens</i>	Dennstaedtiaceae
Fragile Fern	<i>Cystopteris fragilis</i>	Dryopteridaceae
Imbricate Sword Fern ?	<i>Polystichum imbricans</i> ssp. <i>imbricans</i> ?	Dryopteridaceae
Common Sword Fern?	<i>Polystichum munitum</i> ?	Dryopteridaceae
Cliff Fern ?	<i>Woodsia oregana</i>	Dryopteridaceae
Manzanita (411)	<i>Arctostaphylos columbiana</i>	Ericaceae
Few-flowered Pea (288)	<i>Lathyrus pauciflorus</i> v. <i>pauciflorus</i>	Fabaceae
Bog Deervetch (295)	<i>Lotus pinnatus</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
Rabbit-foot Clover (312)	<i>Trifolium arvense</i>	Fabaceae
Cup Clover (314)	<i>Trifolium cyathiferum</i>	Fabaceae
Big-head Clover (317)	<i>Trifolium macrocephalum</i>	Fabaceae
Small-head Clover (318)	<i>Trifolium microcephalum</i>	Fabaceae
Sand Clover (319)	<i>Trifolium obtusiflorum</i> ( <i>T. tridentatum</i> )	Fabaceae
American Vetch (321)	<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 Fräsera (443)	<i>Frasera albicaulis</i> v. <i>columbiana</i>	Gentianaceae
Filaree (325)	<i>Erodium cicutarium</i>	Geraniaceae
Cutleaf Geranium	<i>Geranium dissectum</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> (v. <i>austinae</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
Baltic Rush	<i>Juncus balticus</i> ssp. <i>ater</i>	Juncaceae

Toad Rush	<i>Juncus bufonius</i>	Juncaceae
Common Woodrush	<i>Luzula multiflora</i> ssp. <i>multiflora</i>	Juncaceae
Henbit	<i>Lamium amplexicaule</i>	Lamiaceae
Narrowleaf Skullcap (511)	<i>Scutellaria angustifolia</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
Slender Clarkia (359)	<i>Clarkia gracilis</i>	Onagraceae
Common Willowherb (366)	<i>Epilobium ciliatum</i> ssp. <i>ciliatum</i>	Onagraceae
Fairy Slipper (50)	<i>Calypso bulbosa</i>	Orchidaceae
Short-spurred Rein Orchid (63)	<i>Piperia unalascensis</i>	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
White Meconella (158)	<i>Meconella oregana</i>	Papavaraceae
Ponderosa Pine	<i>Pinus ponderosa</i> v. <i>ponderosa</i>	Pinaceae
Douglas Fir	<i>Pseudotsuga menziesii</i> v. <i>menziesii</i>	Pinaceae
English Plantain	<i>Plantago lanceolata</i>	Plantaginaceae
Indian Wheat (579)	<i>Plantago patagonica</i>	Plantaginaceae
Lemmon's Needlegrass ?	<i>Achnatherum (lemmonii</i> v. <i>lemmonii</i> ?)	Poaceae
Silver Hairgrass	<i>Aira caryophylla</i>	Poaceae
Water Foxtail or Meadow Foxtail ?	<i>Alopecurus geniculatus</i> or <i>A. pratensis</i> ?	Poaceae
Tall Oatgrass	<i>Arrhenatherum elatius</i>	Poaceae
California Brome	<i>Bromus carinatus</i> (v. <i>carinatus</i> ?)	Poaceae
Meadow Brome	<i>Bromus commutatus</i>	Poaceae
Ripgut Brome	<i>Bromus diandrus</i>	Poaceae
Soft Brome ?	<i>Bromus hordeaceus</i> ?	Poaceae
Cheatgrass	<i>Bromus tectorum</i>	Poaceae
Bristly Dogtail	<i>Cynosurus echinatus</i>	Poaceae
Orchard Grass	<i>Dactylis glomerata</i>	Poaceae
Bottlebrush Squirreltail Grass	<i>Elymus elymoides</i> (ssp. ?)	Poaceae
Blue Wildrye	<i>Elymus glaucus</i>	Poaceae
Mexican Lovegrass	<i>Eragrostis mexicana</i> ssp. <i>virescens</i>	Poaceae
Tufted Lovegrass	<i>Eragrostis pectinacea</i>	Poaceae
Idaho Fescue	<i>Festuca idahoensis</i>	Poaceae
Foxtail Barley	<i>Hordeum jubatum</i>	Poaceae
Prairie Junegrass	<i>Koeleria macrantha</i>	Poaceae
Reed Canarygrass	<i>Phalaris arundinacea</i>	Poaceae
Bulbous Bluegrass	<i>Poa bulbosa</i>	Poaceae
Leiberg's Bluegrass	<i>Poa leibergii</i>	Poaceae
Nevada Bluegrass	<i>Poa secunda</i> v. <i>juncifolia</i>	Poaceae

Sandberg's Bluegrass	<i>Poa secunda</i> v. <i>seccunda</i>	Poaceae
Bluebunch Wheatgrass	<i>Pseudoroegneria spicata</i>	Poaceae
Cereal Rye	<i>Secale cereale</i>	Poaceae
Medusahead Wildrye	<i>Taeniatherum caput-medusae</i>	Poaceae
Intermediate Wheatgrass	<i>Thinopyrum intermedium</i> ssp. <i>intermedium</i> ?	Poaceae
North African Grass	<i>Ventenata dubia</i>	Poaceae
Large-flowered Collomia (453)	<i>Collomia grandiflora</i>	Polemoniaceae
Baby Stars (458)	<i>Leptosiphon bicolor</i>	Polemoniaceae
Midget Phlox (459)	<i>Microsteris gracilis</i>	Polemoniaceae
Needle-leaf Navarretia (461)	<i>Navarretia intertexta</i> (v. <i>intertexta</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
Sheep Sorrel	<i>Rumex acetosella</i>	Polygonaceae
Curly Dock	<i>Rumex crispus</i>	Polygonaceae
Licorice Fern	<i>Polypodium glycyrrhiza</i>	Polypodiaceae
Western Spring Beauty (95)	<i>Claytonia lanceolata</i>	Portulacaceae
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
Bitterroot (97)	<i>Lewisia rediviva</i>	Portulacaceae
Water Chickweed	<i>Montia fontana</i>	Portulacaceae
Line-leaf Montia (102)	<i>Montia linearis</i>	Portulacaceae
Longleaf Pondweed	<i>Potamogeton (nodosus)</i> ?	Potamogetonaceae
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
Podfern	<i>Aspidotis densa</i>	Pteridaceae
Upland Larkspur (135)	<i>Delphinium nuttallianum</i> v. <i>nuttallianum</i>	Ranunculaceae
Plantain-leaf Buttercup (139)	<i>Ranunculus alismaefolius</i> var. <i>alismaefolilus</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
Douglas Hawthorn (240)	<i>Crataegus douglasii</i> v. <i>douglasii</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
Nootka Rose (261)	<i>Rosa nutkana</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 (scouleriana ?)</i>	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
Peak Saxifrage (219)	<i>Micranthes fragosa</i>	Saxifragaceae
Northwestern Saxifrage (219)	<i>Micranthes integrifolia</i>	Saxifragaceae
Western Saxifrage (221)	<i>Micranthes occidentalis</i>	Saxifragaceae
Rusty-haired Saxifrage (221)	<i>Micranthes rufidula</i>	Saxifragaceae
Merten's Saxifrage (220)	<i>Saxifraga mertensiana</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
Hairy Owl-clover (547)	<i>Castilleja tenuis</i> ( <i>Orthocarpus hispidus</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
Chickweed Monkeyflower (539)	<i>Mimulus alsinoides</i>	Scrophulariaceae
Short-flowered Monkeyflower (540)	<i>Mimulus brevisflorus</i>	Scrophulariaceae
Common Monkeyflower (542)	<i>Mimulus guttatus</i>	Scrophulariaceae
Cutleaf Penstemon ?	<i>Penstemon richardsonii</i> (v. <i>curtiflorus</i> ?) - Mis ID?	Scrophulariaceae
Cutleaf Penstemon (560)	<i>Penstemon richardsonii</i> v. <i>richardsonii</i>	Scrophulariaceae
Riggin's Penstemon ?	<i>Penstemon triphyllus</i> ? Mis-ID?	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

### **Lichens and Mosses**

Glossy Red Bryum Moss	<i>Bryum miniatum</i>	Bryaceae
Liverwort	<i>Cephaloziella divaricata</i>	Cephaloziellaceae
Lichen	<i>Leptogium</i> sp.	Collembataceae
Pulvinate Dry Rock Moss	<i>Grimmia pulvinata</i>	Grimmiaceae
Racomitrium Moss	<i>Racomitrium lanuginosum</i>	Grimmiaceae
Electrified Cat's-tail Moss ?	<i>Rhytidadelphus triquetrus</i> ?	Hylocomiaceae
Netted Specklebelly Lichen	<i>Pseudocyphaellaria anomala</i>	Lobariaceae

Oakmoss	Evernia (prunastri ?)	Parmeliaceae
Wolfbane Lichen	Letharia vulpina	Parmeliaceae
Lichen	Parmelia sp.	Parmeliaceae
Membranous Dog Lichen?	Peltigera membranacea ?- brown thallus	Peltigeraceae
Pelt Lichen	Peltigera sp.	Peltigeraceae
Juniper Polytrichum Moss	Polytrichum juniperinum	Polytrichaceae
Awne'd Polytrichum Moss	Polytrichum pilferum	Polytrichaceae
Liverwort	Targionia hypophylla	Targioniaceae
Wallroth's Trapeliopsis Lichen	Trapeliopsis wallrothii	Trapeliaceae