

Columbines School of Botanical Studies
 Second Year Apprenticeship Program
 Trip #6 Sagebrush Steppes
 May 22, 2022

Juniper Zone and Riparian Zone 2674'

Ponderosa Pine Zone 2674'

<http://www.botanicalstudies.net/botany/plantlists.php>

Family	Genus	Name	Uses	Seen
Melanthiaceae (Liliaceae)				
	Toxicoscordion paniculatum (Zigadenus paniculatus)	Death Camas	Poisonous	X
Liliaceae				
	Fritillaria pudica	Yellow Bells	No Pick	
Iridaceae				
	Iris pseudacorus	Yellow Iris	Poisonous	
Amaryllidaceae (Liliaceae)				
	Allium sp.	Small Onion	Edible	
Asparagaceae (Liliaceae)				
	Leucocrinum montanum	Sand Lily	Unknown	
		White Brodiaea	Edible	
	Triteleia cf. hyacinthina (Brodiaea cf. h.)			
	Triteleia grandiflora	Triteleia	Edible	X
Poaceae (Gramineae)				
	Bromus tectorum *	Cheatgrass		X
	Festuca idahoensis	Idaho Fescue		
	Poa secunda (P. sandbergii)	Bluegrass		
	Pseudoroegneria spicata (Agropyron spicatum)	Wheatgrass		
Pinaceae				
	Pinus ponderosa	Ponderosa Pine	Edible	X
Cupressaceae				
	Juniperus sp.	Juniper	Medicinal	X
Berberidaceae				
	Mahonia repens (Berberis r.)	Creeping Oregon Grape	Edible, Medicinal	
Ranunculaceae				
	Delphinium nuttallianum	Upland Larkspur	Poisonous	X

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Grossulariaceae				
	<i>Ribes cereum</i>	Wild Currant	Edible	X
Saxifragaceae				
	<i>Lithophragma parviflorum</i>	Prairie Star/Ragged Starflower		X
Crassulaceae				
	<i>Sedum stenopetalum</i>	Stonecrop	Edible	
Fabaceae (Leguminosae)				
	<i>Astragalus conjunctus</i>	Stiff Milk-vetch	Poisonous	X
	<i>Astragalus sp.</i>	Yellow Flower	Poisonous	X
	<i>Lupinus sp.</i>	Lupine	Poisonous	X
	<i>Trifolium eriocephalum</i>	Wooly Clover	Edible	X
	<i>Trifolium macrocephalum</i>	Big Headed Clover	Edible	X
Rosaceae				
	<i>Amelanchier alnifolia</i>	Service Berry	Edible	
	<i>Drymocallis glandulosa</i> (Potentilla g.)	Sticky Potentilla	Medicinal	
	<i>Holodiscus microphyllus</i> var. <i>glabrescens</i> (<i>H. dumosus</i> var. <i>g.</i>)	Bush Oceanspray, Rock Spirea		
	<i>Prunus virginiana</i>	Choke Cherry	Edible	X
	<i>Purshia tridentata</i>	Bitterbrush	Medicinal	X
	<i>Rosa sp.</i>	Rose	Medicinal	
Linaceae				
	<i>Linum perenne</i>	Flax	Edible/Medicinal	
Onagraceae				
	<i>Clarkia gracilis</i>	Clarkia		
	<i>Clarkia pulchella</i>	Pink Fairies, Ragged Robin		
	<i>Taraxia tanacetifolia</i> (<i>Oenothera t.</i>)	Tansy-leafed Primrose	Edible/Medicinal	
Brassicaceae (Cruciferae)				
	<i>Alyssum desertorum</i> *	Desert Alyssum	Edible	
	<i>Arabis sp.</i>	Rock Cress	Edible	X
	<i>Draba sp.</i>	Draba	Edible	
	<i>Sisymbrium altissimum</i> *	Tumblemustard	Edible	X
	Unidentified Cruciferae		Poisonous	
Polygonaceae				
	<i>Eriogonum sp.</i>	Wild Buckwheat	Edible, Medicinal	

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Polygonaceae	Eriogonum umbellatum	Wild Buckwheat	Edible, Medicinal	X
	Rumex crispus *	Yellow Dock	Edible/Medicinal	
Caryophyllaceae				
	Silene douglasii	Bladder Campion		
Montiaceae (Portulacaceae)				
	Claytonia perfoliata (Montia p.)	Miner's Lettuce	Edible	X
	Claytonia rubra (Montia p.)	Miner's Lettuce	Edible	
	Lewisia rediviva	Bitterroot	Edible	X
Loasaceae				
	Mentzelia albicaulis	Blazing Star		
	Mentzelia veatchiana	Blazing Star		
Cornaceae				
	Cornus stolonifera	Creek Dogwood	Medicinal	
Polemoniaceae				
	Collomia grandiflora	Collomia		
	Phlox sp.	Phlox		
Boraginaceae				
	Amsinckia sp.	Fiddleneck	Poisonous (Pas)	
	Cryptantha sp.	Forget-Me-Not	Poisonous (Pas)	
	Lithospermum ruderales	Stoneseed	Poisonous (Pas)	
	Plagiobothrys sp.	Popcorn Flower	Poisonous (Pas)	
Hydrophyllaceae				
	Phacelia heterophylla	Phacelia	Edible	
	Phacelia linearis	Phacelia	Edible	X
Plantaginaceae (Scrophulariaceae)				
	Collinsia parviflora	Blue-eyed Mary	Unknown	X
	Penstemon sp.	Penstemon	Medicinal	
Scrophulariaceae				
	Verbascum thapsus	Mullein	Medicinal	
Lamiaceae (Labiatae)				
	Scutellaria nana	Desert Skullcap	Medicinal	X

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Phrymaceae (Scrophulariaceae)				
	<i>Diplacus nanus</i> (Mimulus n.)	Dwarf Monkeyflower	Edible	X
Orobanchaceae (Scrophulariaceae)				
	<i>Castilleja</i> sp.	Indian Paintbrush	Edible w/caution	
	<i>Orthocarpus</i> sp.	Owl's Clover	Edible w/caution	
Orobanchaceae				
	<i>Aphyllon</i> sp. (<i>Orobanche</i> sp.)	Broomrape	No Pick	
Asteraceae (Compositae)				
	<i>Achillea millefolium</i>	Yarrow	Medicinal	
	<i>Antennaria dimorpha</i>	Cushion Pussytoes	Medicinal	
	<i>Antennaria luzuloides</i>	Woodrush Pussytoes	Medicinal	
	<i>Artemisia ludoviciana</i> ssp. <i>candicans</i> (A. l. var. <i>latiloba</i>)	Mugwort	Medicinal	X
	<i>Artemisia tridentata</i>	Sagebrush	Medicinal	X
	<i>Aster</i> sp.	Aster	Poisonous	
	<i>Balsamorhiza</i> sp.	Arrow Leaf Balsam Root	Edible/Medicinal	
	<i>Blepharipappus scaber</i>	Blepharipappus		
	cf. <i>Centaurea</i> sp.	Knapweed		
	<i>Chaenactis</i> sp.	Dusty Maidens		
	<i>Chrysothamnus viscidiflorus</i>	Rabbitbrush		X
	<i>Crepis occidentalis</i>	Western Hawksbeard	Poisonous	
	<i>Crocidium multicaule</i>	Gold Fields		X
	<i>Ericameria nauseosa</i> (<i>Chrysothamnus nauseosus</i>)	Rabbitbrush		X
	<i>Erigeron linearis</i>	Narrowleaf Daisy		
	<i>Eriophyllum lanatum</i>	Woolly Sunflower		
	<i>Madia gracilis</i>	Tarweed	Edible	
	<i>Nothocalais troximoides</i>	Fake Agoseris	Poisonous	X
	<i>Senecio integerrimus</i>	Groundsel	Poisonous	
	<i>Senecio vulgaris</i>	Groundsel	Poisonous	
	<i>Taraxacum officinale</i>	Dandelion		
	<i>Townsendia florifer</i>	Townsendia		X
	<i>Tragopogon</i> cf. <i>porrifolius</i>	Salsify	Edible	
Valerianaceae				
	<i>Plectritis macrocera</i>	Corn Salad	Edible/Medicinal	X
Apiaceae (Umbelliferae)				
	<i>Lomatium grayi</i>	Biscuit Root	Edible	

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Apiaceae	Lomatium macrocarpum	Biscuit Root	Edible	X
	Lomatium nevadensis	Biscuit Root	Edible	
	Lomatium nudicaule	Biscuit Root	Edible	
	Lomatium triternatum	Biscuit Root	Edible	X
Parmeliaceae				
	Letharia vulpina	Wolf Lichen	Poisonous	X

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Trip Highlights

Botany

Key out *Balsamorhiza* sp. and *Purshia tridentata*
Asteraceae Botany Review

Wildcrafting

Located, harvested, and processed *Scutellaria nana* tincture
Introduction to *Lomatium* spp.

Ecology

Pinus ponderosa Zone Review
Ecology of the Juniper-Sagebrush Steppes
Ecology of the Native and Invasive Grasses of the Juniper-Sagebrush Steppes