

Columbines School of Botanical Studies  
 Second Year Apprenticeship Program  
 Trip #6 Sagebrush Steppes  
 May 23, 2021

Juniper Zone and Riparian Zone 2674'

Ponderosa Pine Zone 2674'

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

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

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

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Brassicaceae	Unidentified Cruciferae		Poisonous	
<b>Polygonaceae</b>				
	Eriogonum sp.	<b>Wild Buckwheat</b>	Edible, Medicinal	
	Eriogonum umbellatum	<b>Wild Buckwheat</b>	Edible, Medicinal	x
	Rumex crispus *	<b>Yellow Dock</b>	Edible/Medicinal	
<b>Caryophyllaceae</b>				
	cf. Arenaria sp.	<b>Sandwort</b>	Unknown	
	Silene douglasii	<b>Bladder Campion</b>		
<b>Montiaceae (Portulacaceae)</b>				
	Claytonia perfoliata (Montia p.)	<b>Miner's Lettuce</b>	Edible	
	Lewisia rediviva	<b>Bitterroot</b>	Edible	x
<b>Loasaceae</b>				
	Mentzelia albicaulis	<b>Blazing Star</b>		
<b>Cornaceae</b>				
	Cornus stolonifera	<b>Creek Dogwood</b>	Medicinal	
<b>Polemoniaceae</b>				
	Collomia grandiflora	<b>Collomia</b>		
	Phlox longifolia	<b>Large pink flowers</b>		
	Phlox sp.	<b>Phlox</b>		
<b>Apocynaceae (Asclepiadaceae)</b>				
	Asclepias speciosa	<b>Milkweed</b>		
<b>Boraginaceae</b>				
	Amsinckia sp.	<b>Fiddleneck</b>	Poisonous	x
	Cryptantha sp.	<b>White Forget-Me-Not</b>	Poisonous	
	Lithospermum ruderae	<b>Stoneseed</b>	PA's	x
	Unidentified Boraginaceae	<b>White Forget-Me-Not</b>		
<b>Hydrophyllaceae</b>				
	Phacelia heterophylla	<b>Phacelia</b>	Edible	
	Phacelia linearis	<b>Phacelia</b>	Edible	
<b>Plantaginaceae (Scrophulariaceae)</b>				
	Collinsia parviflora	<b>Blue-eyed Mary</b>	Unknown	
	Penstemon sp.	<b>Penstemon</b>	Medicinal	x

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<b>Scrophulariaceae</b>				
	Verbascum thapsus	<b>Mullein</b>	Medicinal	
<b>Lamiaceae (Labiatae)</b>				
	Scutellaria nana	<b>Desert Skullcap</b>	Medicinal	x
<b>Phrymaceae (Scrophulariaceae)</b>				
	Diplacus nanus (Mimulus n.)	<b>Dwarf Monkeyflower</b>	Edible	x
	Mimulus sp. incl. Diplacus, Eryanthranthe	<b>Very Small Monkeyflower</b>	Edible	
<b>Orobanchaceae (Scrophulariaceae)</b>				
	Castilleja sp.	<b>Indian Paintbrush</b>	Edible w/caution	
	Orthocarpus sp.	<b>Owl's Clover</b>	Edible w/caution	
<b>Orobanchaceae</b>				
	Aphyllon sp. (Orobanche sp.)	<b>Broomrape</b>	No Pick	
<b>Asteraceae (Compositae)</b>				
	Achillea millefolium	<b>Yarrow</b>	Medicinal	
	Antennaria sp.	<b>Everlasting</b>	Medicinal	x
	Artemisia ludoviciana ssp. candicans (A. l. var. latiloba)	<b>Mugwort</b>	Medicinal	x
	Artemisia tridentata	<b>Sagebrush</b>	Medicinal	x
	Aster sp.	<b>Aster</b>	Poisonous	
	Balsamorhiza sp.	<b>Arrow Leaf Balsam Root</b>	Edible/Medicinal	x
	Blepharipappus scaber	<b>Blepharipappus</b>		x
	cf. Centaurea sp.	<b>Knapweed</b>		
	cf. Senecio sp.		Poisonous	
	Chaenactis sp.	<b>Dusty Maidens</b>		
	Chrysothamnus viscidiflorus	<b>Rabbitbrush</b>		x
	DYC	<b>Agoseris, Microseris, or Crepis sp.</b>	Poisonous	
	Ericameria nauseosa (Chrysothamnus nauseosus)	<b>Rabbitbrush</b>		
	Erigeron linearis	<b>Narrowleaf Daisy</b>		
	Erigeron sp.	<b>Daisy</b>		
	Eriophyllum lanatum	<b>Woolly Sunflower</b>		
	Senecio integerrimus	<b>Groundsel</b>	Poisonous	
	Townsendia sp.	<b>Townsendia</b>		x
	Tragopogon cf. porrifolius	<b>Salsify</b>	Edible	
	Unknown Daisy-like Flower	<b>Rayless</b>		

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Family	Genus	Name	Uses	Seen
<b>Valerianaceae</b>				
	Plectritis congesta	<b>Corn Salad</b>	Edible/Medicinal	
<b>Apiaceae (Umbelliferae)</b>				
	Lomatium grayi	<b>Biscuit Root</b>	Edible	
	Lomatium macrocarpum	<b>Biscuit Root</b>	Edible	x
	Lomatium nevadensis	<b>Biscuit Root</b>	Edible	
	Lomatium sp.	<b>Biscuit Root</b>	Edible	x
	Lomatium triternatum	<b>Biscuit Root</b>	Edible	x
<b>Parmeliaceae</b>				
	Letharia vulpina	<b>Wolf Lichen</b>	Poisonous	x

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**Juniper Sagebrush Steppes**  
**Trip Highlights**

**Botany**

Key out *Balsamorhiza* sp. and *Purshia tridentata*

Determined Field Characteristics of *Balsamorhiza* sp. vs. *Wyethia* sp.

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