

Columbines School of Botanical Studies
Second Year Apprenticeship Program
Trip #6 Sagebrush Steppes
May 18, 2025

Juniper Zone and Riparian Zone 2674'

Ponderosa Pine Zone 2674'

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

Melanthiaceae (Liliaceae)

Toxicoscordion paniculatum (Zigadenus paniculatus)	Death Camas	Poisonous	X
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Liliaceae

Fritillaria pudica	Yellow Bells	No Pick	
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Amaryllidaceae (Liliaceae)

Allium sp.	Small Onion	Edible	
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Asparagaceae (Liliaceae)

Leucocrinum montanum	Sand Lily	Unknown	X
Triteleia cf. hyacinthina (Brodiaea cf. h.)	White Brodiaea	Edible	
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
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Cupressaceae

Juniperus occidentalis	Western Juniper	Medicinal	X
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Berberidaceae

Mahonia repens (Berberis r.)	Creeping Oregon Grape	Edible, Medicinal	
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Ranunculaceae

Delphinium nuttallianum	Upland Larkspur	Poisonous	X
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Grossulariaceae

Ribes cereum	Wild Currant	Edible	X
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Saxifragaceae

Lithophragma parviflorum

Prairie Star/Ragged Starflower

Crassulaceae

Sedum stenopetalum

Stonecrop

Edible

Fabaceae (Leguminosae)

Astragalus conjunctus

Stiff Milk-vetch

Poisonous

X

Astragalus sp.

Yellow Flower

Poisonous

X

Lupinus sp.

Lupine

Poisonous

X

Trifolium eriocephalum

Wooly Clover

Edible

X

Trifolium macrocephalum

Big Headed Clover

Edible

X

Vicia sp.

Vetch

Poison

Rosaceae

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

Salicaceae

Populus trichocarpa

Poplar

Medicinal

Linaceae

Linum sp.

Flax

Edible/Medicinal

X

Onagraceae

Clarkia gracilis

Clarkia

Clarkia pulchella

Pink Fairies, Ragged Robin

Taraxia tanacetifolia (Oenothera t.)

Tansy-leafed Primrose

Edible/Medicinal

Brassicaceae (Cruciferae)

Alyssum desertorum *

Desert Alyssum

Edible

Arabis sp.

Rock Cress

Edible

Draba sp.

Draba

Edible

Sisymbrium altissimum *

Tumblemustard

Edible

Unidentified Cruciferae

Poisonous

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Polygonaceae

Eriogonum sp.	Wild Buckwheat	Edible, Medicinal	
Eriogonum umbellatum	Wild Buckwheat	Edible, Medicinal	X
Rumex crispus *	Yellow Dock	Edible/Medicinal	

Caryophyllaceae

Silene douglasii	Bladder Campion		
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Montiaceae (Portulacaceae)

Claytonia perfoliata (Montia p.)	Miner's Lettuce	Edible	
Claytonia rubra (Montia p.)	Miner's Lettuce	Edible	X
Lewisia rediviva	Bitterroot	Edible	

Loasaceae

Mentzelia albicaulis	Blazing Star		
Mentzelia veatchiana	Blazing Star		

Cornaceae

Cornus stolonifera	Creek Dogwood	Medicinal	
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Polemoniaceae

Collomia grandiflora	Collomia		
Leptosiphon bolanderi	Bolander's Linanthus		
Phlox cf. diffusa	Phlox		

Boraginaceae

Amsinckia sp.	Fiddleneck	Poisonous (Pas)	
Cryptantha sp.	Forget-Me-Not	Poisonous (Pas)	
Lithospermum ruderales	Stoneseed	Poisonous (Pas)	X
Plagiobothrys sp.	Popcorn Flower	Poisonous (Pas)	

Hydrophyllaceae

Phacelia heterophylla	Phacelia	Edible	
Phacelia linearis	Phacelia	Edible	

Plantaginaceae (Scrophulariaceae)

Collinsia parviflora	Blue-eyed Mary	Unknown	
Penstemon gairdneri	Penstemon	Medicinal	
Penstemon sp.	Penstemon	Medicinal	

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Scrophulariaceae

Verbascum thapsus

Mullein

Medicinal

Lamiaceae (Labiatae)

Scutellaria nana

Desert Skullcap

Medicinal

X

Phrymaceae (Scrophulariaceae)

Diplacus nanus (Mimulus n.)

Dwarf Monkeyflower

Edible

X

Orobanchaceae (Scrophulariaceae)

Castilleja sp.

Indian Paintbrush

Edible w/caution

Orthocarpus sp.

Owl's Clover

Edible w/caution

Orobanchaceae

Aphyllon sp. (Orobanche sp.)

Broomrape

No Pick

Asteraceae (Compositae)

Achillea millefolium

Yarrow

Medicinal

X

Antennaria dimorpha

Cushion Pussytoes

Medicinal

Antennaria luzuloides

Woodrush Pussytoes

Medicinal

Artemisia ludoviciana ssp. candicans (A. l. var. latiloba)

Mugwort

Medicinal

X

Artemisia tridentata

Sagebrush

Medicinal

X

Aster sp.

Aster

Poisonous

Balsamorhiza careyana

Carey's Balsam Root

Edible/Medicinal

Balsamorhiza sagittata

Arrow Leaf Balsam Root

Edible/Medicinal

Blepharipappus scaber

Rough Eyelash Weed

X

cf. Centaurea sp.

Knapweed

Chaenactis sp.

Dusty Maidens

Chrysothamnus viscidiflorus

Rabbitbrush

X

Crepis occidentalis

Western Hawksbeard

Poisonous

Crocidium multicaule

Gold Fields

Ericameria nauseosa (Chrysothamnus nauseosus)

Rabbitbrush

X

Erigeron linearis

Narrowleaf Daisy

Eriophyllum lanatum

Woolly Sunflower

Madia gracilis

Tarweed

Edible

Nothocalais troximoides

Fake Agoseris

Poisonous

X

Senecio integerrimus

Groundsel

Poisonous

Senecio vulgaris

Groundsel

Poisonous

Taraxacum officinale

Dandelion

Townsendia florifer

Townsendia

X

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Asteraceae	<i>Tragopogon cf. porrifolius</i>	Salsify	Edible	
Valerianaceae				
	<i>Plectritis macrocera</i>	Corn Salad	Edible/Medicinal	X
Apiaceae (Umbelliferae)				
	<i>Lomatium grayi</i>	Biscuit Root	Edible	
	<i>Lomatium macrocarpum</i>	Biscuit Root	Edible	
	<i>Lomatium nevadensis</i>	Biscuit Root	Edible	
	<i>Lomatium nudicaule</i>	Biscuit Root	Edible	
	<i>Lomatium triternatum</i>	Biscuit Root	Edible	X
Parmeliaceae				
	<i>Letharia vulpina</i>	Wolf Lichen	Poisonous	X

Columbines School of Botanical Studies
Second Year Field Trip #6
Western Juniper Forests
Trip Highlights

Botany

Key out *Balsamorhiza* sp.
Asteraceae Botany Review

Ecology

Pinus ponderosa Zone Review
Pinus ponderosa Zone Fire Ecology
Ecology of the *Juniperus occidentalis* Woodlands
Ecology of the Native and Invasive Grasses of the Juniper-Sagebrush Steppes

Herbalism

Harvested and processed *Scutellaria nana*