

Columbines School of Botanical Studies
 Second Year Apprenticeship Program
 Trip #6 Sagebrush Steppes

May 22, 2016

Juniper Zone and Riparian Zone 2674'

Ponderosa Pine Zone 2674'

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

Family	Genus	Name	Uses	Seen
Poaceae (Gramineae)	Bromus tectorum *	Cheatgrass		X
	Festuca idahoensis	Idaho Fescue		
	Poa secunda (Poa sandbergii)	Bluegrass		
	Pseudoroegneria spicata (Agropyron spicatum)	Wheatgrass		
Liliaceae	Fritillaria pudica	Yellow Bells	No Pick	
Amaryllidaceae (Liliaceae)	Allium parvum	Small Onion	Edible	
Asparagaceae (Liliaceae)	Leucocrinum montanum	Sand Lily	Unknown	
Melanthiaceae (Liliaceae)	Toxicoscordion paniculatum (Zygadenus paniculatus)	Death Camas	Poisonous	X
Iridaceae	Iris pseudacorus	Yellow Iris	Poisonous	
Cupressaceae	Juniperus sp.	Juniper	Medicinal	X
Pinaceae	Pinus ponderosa	Ponderosa Pine	Edible	X
Polygonaceae	Eriogonum sp.	Wild Buckwheat	Edible, Medicinal	
	Eriogonum umbellatum	Wild Buckwheat	Edible, Medicinal	X
	Rumex crispus *	Yellow Dock	Edible/Medicinal	
Montiaceae (Portulacaceae)	Lewisia rediviva	Bitterroot	Edible	
	Montia perfoliata	Miner's Lettuce	Edible	

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Family	Genus	Name	Uses	Seen
Caryophyllaceae	Arenaria franklinii	Franklin's Sandwort	Unknown	
	Silene douglasii	Bladder Champion		
Ranunculaceae	Delphinium sp.	Larkspur	Poisonous	X
Berberidaceae	Berberis repens	Creeping Oregon Grape	Edible, Medicinal	X
Brassicaceae (Cruciferae)	Alyssum desertorum *	Desert Alyssum	Edible	X
	Arabis sp.	Rock Cress	Edible	
	Descurainia sophia *	Flixweed	Edible?	X
	Draba sp.	Draba	Edible	
	Erysimum asperum	Wallflower	Edible	
	Lepidium campestris *	Peppergrass	Edible	
	Sisymbrium altissimum * Unidentified Cruciferae	Tumblemustard	Edible? Poisonous	X
Crassulaceae	Sedum sp.	Stonecrop	Edible	X
Saxifragaceae	Lithophragma parviflora	Prairie Star/Ragged Starflower		
Grossulariaceae	Ribes cereum	Squaw Currant	Edible	X
Rosaceae	Amelanchier alnifolia	Service Berry	Edible	
	Holodiscus dumosus var. glabrescens	Bush Oceanspray, Rock Spirea		
	Potentilla glandulosa	Sticky Potentilla	Medicinal	
	Prunus virginiana	Choke Cherry	Edible	X
	Purshia tridentata	Bitterbrush	Medicinal	X
Fabaceae (Leguminosae)	Astragalus sp.	Locoweed (White-purple)	Poisonous	X
	Lupinus sp.	Lupine	Poisonous	X

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Family	Genus	Name	Uses	Seen
Fabaceae (Leguminosae)	Trifolium eriocephalum	Wooly Clover	Edible	X
	Trifolium macrocephalum	Big Headed Clover	Edible	X
	Unidentified Leguminosae	Yellow Flower	Poisonous	
-				
Linaceae	Linum perenne	Flax	Edible	X
-				
Loasaceae	Mentzelia albicaulis	Blazing Star		
-				
Onagraceae	Clarkia gracilis	Clarkia		
	Clarkia pulchella	Pink Fairies, Ragged Robbin		X
	Oenothera tanacetifolia	Tansy-leafed Primrose	Edible/Medicinal	
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Apiaceae (Umbelliferae)	Foeniculum vulgare *	Fennel	Edible/Medicinal	
	Lomatium grayi	Biscuit Root	Edible	
	Lomatium macrocarpum	Biscuit Root	Edible	X
	Lomatium nevadensis	Biscuit Root	Edible	X
	Lomatium triternatum	Biscuit Root	Edible	X
-				
Cornaceae	Cornus stolonifera	Creek Dogwood	Medicinal	
-				
Apocynaceae (Asclepiadaceae)	Asclepias speciosa	Milkweed		
-				
Polemoniaceae	Collomia grandiflora	Collomia		
	Phlox hoodii	Phlox		
	Phlox longifolia	Large pink flowers		X
	Phlox sp.	Phlox		
-				
Hydrophyllaceae	Phacelia heterophylla	Phacelia	Edible	X
	Phacelia linearis	Phacelia	Edible	X
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Boraginaceae	Amsinckia sp.	Fiddleneck	Poisonous	X

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Family	Genus	Name	Uses	Seen
Boraginaceae	Cryptantha sp.	White Forget-Me-Not	Poisonous	
	Lithospermum ruderale	Stoneseed	PA's	X
	Unidentified Boraginaceae	White Forget-Me-Not		
Lamiaceae (Labiatae)	Scutellaria nana	Desert Skullcap	Medicinal	X
Scrophulariaceae	Verbascum thapsus	Mullein	Medicinal	X
Phrymaceae (Scrophulariaceae)	Mimulus nanus	Dwarf Monkeyflower	Edible	X
	Mimulus sp.	Very Small Monkeyflower	Edible	
Plantaginaceae (Scrophulariaceae)	Collinsia parviflora	Blue-eyed Mary	Unknown	
	Penstemon sp. (2)	Penstemon	Medicinal	X
Orobanchaceae (Scrophulariaceae)	Castilleja sp.	Indian Paintbrush	Edible w/caution	
	Orthocarpus sp.	Owl's Clover	Edible w/caution	
Orobanchaceae	Orobanche sp.	Broomrape	No Pick	
Valerianaceae	Plectritis congesta	Corn Salad	Edible/Medicinal	X
Asteraceae (Compositae)	Achillea millefolium	Yarrow	Medicinal	X
	Antennaria sp.	Everlasting	Medicinal	X
	Artemisia ludoviciana spp. latiloba	Mugwort	Medicinal	X
	Artemisia tridentata	Sagebrush	Medicinal	X
	Balsamorhiza sp.	Arrow Leaf Balsam Root	Edible/Medicinal	X
	Blepharipappus scaber	Blepharipappus		X
	Centaurea sp.	Knapweed		
	Chaenactis sp.	Dusty Maidens		
	Chrysothamnus nauseosus	Rabbitbrush		X
	Chrysothamnus viscidiflorus	Rabbitbrush		X

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Family	Genus	Name	Uses	Seen
Asteraceae (Compositae)	DYC	Agoseris, Microseris, or Crepis sp.	Poisonous	X
	Erigeron linearis	Narrowleaf Daisy		
	Erigeron sp.	Daisy		
	Eriophyllum lanatum	Woolly Sunflower		X
	Senecio integerrimus	Groundsel	Poisonous	
	Senecio sp.		Poisonous	
	Townsendia sp.	Townsendia		X
	Tragopogon cf. porrifolius	Salsify	Edible	X
-	Unknown Daisy-like Flower	Rayless		
Parmeliaceae	Letharia vulpina	Wolf Lichen	Poisonous	X

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Second Year Field Trip #6
Juniper Sagebrush Steppes
Trip Highlights

Botany

Key out *Balsamorhiza sp.*, *Chrysothamnus viscidiflorus*, *Scutellaria nana*
Determined Field Characteristics of *Balsamorhiza sp.* vs. *Wyethia sp.*
Asteraceae Botany review

Wildcrafting

Locate, Harvest, and Process *Scutellaria nana*

Ecology

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