

Columbines School of Botanical Studies  
Spring Apprenticeship Program  
Trip #5 Low Elevation Riparian Zone

May 6, 7, 10, 2016

[Back to Plantlist Page](#)

Seepy Cliffs 1500'

Low Elevation Coniferous Woods and Riparian 2000'

Middle Elevation Coniferous Woods and Meadow 3728'

Family	Genus	Name	Uses
Araceae	Lysichiton americanus (L. americanum)	<b>Skunk Cabbage</b>	-/+ Edible
Melanthiaceae (Liliaceae)	Trillium ovatum	<b>Birth Root</b>	No Pick
Orchidaceae	Calypso bulbosa	<b>Calypso Orchid</b>	No Pick
	Neottia cordata (Listera cordata)	<b>Twayblade</b>	No Pick
Aristolochiaceae	Asarum caudatum	<b>Wild Ginger</b>	Edible, Medicinal, Spice
Ranunculaceae	Anemone lyallii	<b>Small Windflower</b>	Poisonous
Crassulaceae	Sedum oreganum	<b>Stonecrop</b>	Edible
Rosaceae	Fragaria vesca	<b>Wild Strawberry</b>	Edible (choice)
Fabaceae (Leguminosae)	Cytisus scoparius	<b>Scotch Broom</b>	Poison
Violaceae	Viola adunca	<b>Field Violet</b>	Edible (choice)
	Viola glabella	<b>Woods Violet</b>	Edible (choice)
	Viola sp.	<b>Violet</b>	Edible
Apiaceae (Umbelliferae)	Lomatium hallii	<b>Biscuit Root</b>	Edible
Cornaceae	Cornus nuttallii	<b>Dogwood</b>	Medicinal
Ericaceae	Vaccinium parvifolium	<b>Red Huckleberry</b>	Edible, Medicinal
Hydrophyllaceae	Phacelia sp.	<b>Phacelia</b>	Edible
Scrophulariaceae	Collinsia grandiflora	<b>Large Blue-eyed Mary</b>	Edibility unknown
	Mimulus alsinoides	<b>Baby Monkey Flower</b>	Edible
	Mimulus guttatus	<b>Common Monkey Flower</b>	Edible
Valerianaceae	Valeriana scouleri	<b>Low-elevation Valerian</b>	Medicinal
Animal Interactions	Beaver logging		
	Blacktail Deer Scat		
	Mephitis mephitis	<b>Striped Skunk</b>	
	Tachycineta thalassina	<b>Violet Green Swallows</b>	
	Vole Mounds		

**Columbines School of Botanical Studies**  
**Field Trip #5**  
**Low Elevation Riparian Zones**

**Botany**

Scrophulariaceae family description

*Mimulus* genus description

Keyed out *Mimulus guttatus*

Scrophulariaceae - bilabiate flower, two lobes on the top and three lobes on the bottom,  
gamopetalous (united corolla); 2, 4, 5 stamens

Hydrophyllaceae – Scorpioid inflorescence, exserted stamens

Fabaceae (Leguminosae) – Uniquely zygomorphic, banner, wings, and keel

**Low Elevation Coniferous Woods**

Changes from last week

**Low Elevation Riparian Zone**

Locating *Valeriana scouleri*

Exploring creeksides

**Middle Elevation Coniferous Woods**

Big three of the middle elevation coniferous woods

Introduction to *Pedicularis racemosa*

Tasted *Pedicularis racemosa*

**Middle Elevation Meadows**

Introduction to middle elevation meadows