

Columbines School of Botanical Studies
 Spring Apprenticeship Program
 Trip #1 Introduction

April 12, 13, 16, 2019

Low Elevation Riparian Zone and Coniferous Woods
 1421', 1481', 2000'

Family	Genus	Name	Uses
Melanthiaceae (Liliaceae)	Trillium ovatum	Birth Root	No Pick
Berberidaceae	Berberis nervosa	Mountain Oregon Grape	Edible, Medicinal
Ranunculaceae	Anemone lyallii	Small Windflower	Poisonous
Rosaceae	Oemleria cerasiformis	Osoberry	Edible
Plantaginaceae (Schrophulariaceae)	Synthyris reniformis	Snow Queen	Edibility unknown
Phrymaceae (Scrophulariaceae)	Erythranthe alsinoides (Mimulus a.)	Baby Monkey Flower	Edible
Asteraceae (Compositae)	Crocidium multicaule Petasites frigidus	Gold Fields Western Coltsfoot	Poisonous? Edible, Medicinal (PA's)
Valerianaceae	Valeriana scouleri	Low-elevation Valerian	Medicinal
Apiaceae (Umbelliferae)	Lomatium utriculatum	Spring Gold, Biscuit Root	Edible

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Field Trip #1
Introduction to Low Elevation

Forest Service Road Numbers: What do they mean?

Tasted *Valeriana scouleri*, *Oemleria cerasiformis*, *Oxalis oregana*, and *Asarum caudatum*

Botany

Plant Names: Family, genus, species, common

4 whorls of the flower

Asteraceae formally known as Compositae: flowers in heads

Apiaceae formally known as Umbelliferae: flowers in umbels

Scrophulariaceae (in the broad sense): Two petals on the top, three on the bottom

Low Elevation Coniferous Woods

Oregon Grape/Salal balance

Oregon Grape locating

Low Elevation Riparian Zone

Valerian Locating

Valerian Ecology