

Columbines School of Botanical Studies  
Spring Apprenticeship Program  
Trip #2 Liliaceae

April 15, 16, 2022

Low Elevation Riparian Zone and Coniferous Woods 2000', 1300', 990'

Family	Genus	Name	Uses
<b>Melanthiaceae (Liliaceae)</b>	Trillium ovatum	<b>Birth Root</b>	No Pick
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<b>Orchidaceae</b>	Calypso bulbosa	<b>Calypso Orchid</b>	No Pick
<b>Papaveraceae (Fumariaceae)</b>	Dicentra formosa	<b>Bleeding Hearts</b>	Poisonous, Medicinal
<b>Ranunculaceae</b>	Anemone lyallii	<b>Small Windflower</b>	Poisonous
<b>Rosaceae</b>	Oemleria cerasiformis	<b>Osoberry</b>	Edible
<b>Oxalidaceae</b>	Oxalis oregana	<b>Oxalis</b>	Edible (Choice)
<b>Violaceae</b>	Viola glabella	<b>Woods Violet</b>	Edible (Choice)
<b>Montiaceae (Portulacaceae)</b>	Claytonia sibirica (Montia s.)	<b>Candyflower</b>	Edible (Choice)
<b>Plantaginaceae (Scrophulariaceae)</b>	Synthyris reniformis	<b>Snow Queen</b>	Edibility unknown
<b>Asteraceae (Compositae)</b>	Petasites frigidus	<b>Western Coltsfoot</b>	Edible, Medicinal (PA's)
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**Columbines School of Botanical Studies  
Low Elevation Coniferous Woods  
Field Trip #2 Liliaceae**

**Botany**

Inflorescences

Monocot Families - Liliaceae, Orchidaceae, Iridaceae, Araceae

Meaning of the word "generally"

Liliaceae family description

Trillium genus description

Keyed out: *Trillium ovatum*

**Low Elevation Coniferous Woods**

Big Three of the low elevation coniferous woods: *Trillium ovatum*, *Anemone lyallii*, and *Viola glabella*

**Animal Interactions**

*Branta canadensis*, Canada Geese

"The trilliums are rather easily grown, and *T. ovatum* in particular is an excellent addition to the native garden in the partial shade of such shrubs as rhododendrons, but it is a shame to dig them, especially since they grow readily from seeds. It has been said that the gathering of the flowering stem results in death of the plant, which is scarcely true, but it does rob the rhizome of stored food needed for the growth of the succeeding year's flowering stem, often resulting in failure to flower. If the admonition was invented to discourage picking of the flowers, the statement should be that the picker, not the picked, will die, but justice rarely is so obvious."

-C. Leo Hitchcock