

**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*

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

Low Elevation Coniferous Woods

Locating *Mahonia nervosa* (*Berberis n.*) by plant associations

"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

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

April 14, 15, 2023

Low Elevation Riparian Zone and Coniferous Woods 2000', 1300', 1005'

Family	Genus	Name	Uses
Melanthiaceae (Liliaceae)	Trillium ovatum	Birth Root	No Pick
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Rosaceae	Oemleria cerasiformis	Osoberry	Edible
-	Rubus spectabilis	Salmonberry	Edible, Medicinal
Oxalidaceae	Oxalis oregana	Oxalis	Edible (Choice)
Violaceae	Viola glabella	Woods Violet	Edible (Choice)
Plantaginaceae (Scrophulariaceae)	Synthyris reniformis	Snow Queen	Edibility unknown
Phrymaceae (Scrophulariaceae)	Erythranthe alsinoides (Mimulus a.)	Baby Monkey Flower	Edible
Asteraceae (Compositae)	Petasites frigidus	Western Coltsfoot	Edible, Medicinal (PA's)
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Animal Interactions	Deer Scat Deer Trails		
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