

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

April 19, 20, 2024

Low Elevation Riparian Zone and Coniferous Woods 1868'

Family	Genus	Name	Uses
Araceae	Lysichiton americanus (L. americanum)	Skunk Cabbage	-/+ Edible
Melanthiaceae (Liliaceae)	Trillium ovatum	Birth Root	No Pick
Orchidaceae	Calypso bulbosa	Calypso Orchid	No Pick
Papaveraceae (Fumariaceae)	Dicentra formosa	Bleeding Hearts	Poisonous, Medicinal
Berberidaceae	Mahonia nervosa (Berberis n.)	Mountain Oregon Grape	Edible, Medicinal
Ranunculaceae	Anemone lyallii	Small Windflower	Poisonous
Rosaceae	Oemleria cerasiformis Rubus spectabilis	Osoberry Salmonberry	Edible Edible, Medicinal
Violaceae	Viola glabella	Woods Violet	Edible (Choice)
Aceraceae	Acer macrophyllum	Big leaf Maple	Edible (Choice)
Montiaceae (Portulacaceae)	Claytonia sibirica (Montia s.)	Candyflower	Edible (Choice)
Phrymaceae (Scrophulariaceae)	Erythranthe alsinoides (Mimulus a.)	Baby Monkey Flower	Edible
Asteraceae (Compositae)	Petasites frigidus	Western Coltsfoot	Edible, Medicinal (PA's)
Valerianaceae	Valeriana scouleri	Low-elevation Valerian	Medicinal

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

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Botany

Inflorescences

Monocot Families - Liliaceae, Orchidaceae, Iridaceae, Araceae

Meaning of the word "generally"

Simple vs. compound leaves

Liliaceae family description

Trillium genus description

Keyed out: *Trillium ovatum*

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