

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

Friday, April 19, 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 | Osoberry | Edible |
| Violaceae | Viola glabella | Woods Violet | Edible (Choice) |
| Asteraceae (Compositae) | Petasites frigidus | Western Coltsfoot | Edible, Medicinal (PA's) |
| Valerianaceae | Valeriana scouleri | Low-elevation Valerian | Medicinal |
| Animal Interactions | Deer Trails | (blank) | (blank) |

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

**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"

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