

**Columbines School of Botanical Studies
2025 Second Year Trip 9-10
Ecology Highlights**

L1 Ecoregion: Northwestern Forested Mountains

L2 Ecoregion: Western Cordillera

Traditionally tended by the Tenino, Molalla, Cayuse, Umatilla and Walla Walla, currently considered the Confederated Tribes of Grand Ronde, Siletz Indians, and Warm Springs.



We saw clouds of the California Tortoiseshell Butterfly, *Nymphalis californica*

Trip #9

Saturday, August 2, 2025

3120' Elevation

L3 Ecoregion: Eastern Cascades Slopes and Foothills

L4 Ecoregion: Ponderosa Pine/Bitterbrush Woodland

On our hikes we passed through:

Ponderosa Pine young, medium, mature, and old growth

Mixed Conifer (White or Douglas Fir/Pine) young, medium, mature, and old growth

Logging History: 1979-09-18 Two-aged Coppice Cut (w/res)

Fire History: 2003

Camp 3120'

Edge of Ponderosa Pine mature

Keyed *Horkelia fusca*

Edge of Ponderosa Pine medium

Sympathetic Lecture

Edge of Mixed Conifer (White or Douglas Fir/Pine) medium

Anemone Lecture

Edge of Mixed Conifer (White or Douglas Fir/Pine) old-growth

Trip #10

Sunday, August 3, 2025

L3 Ecoregion: Cascades

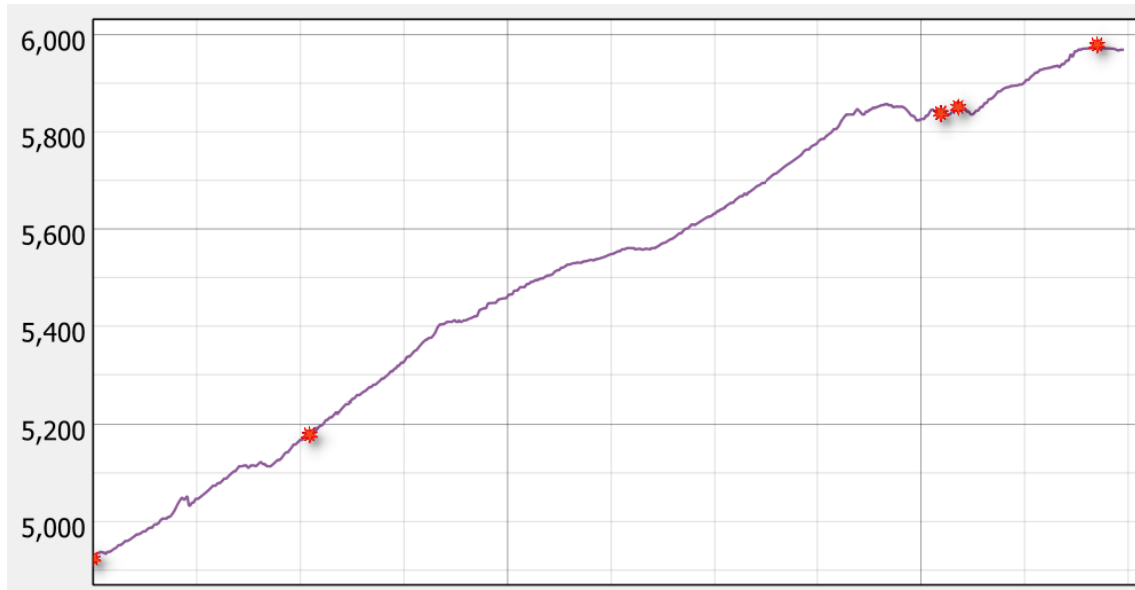
L4 Ecoregion: Cascade Crest Montane Forest

On our hike, along with the ecosystems mentioned in the details, we passed through:

Lodgepole Pine mature

Spruce - Subalpine Fir medium to mature

Montane Grasslands and Dry Meadows



Elevation Profile

Park 4922'

Silver Fir - Mountain Hemlock Medium

Early Shrub Tree

Fire History: 2003

Keyed *Pinus contorta* 5198'

Early Shrub Tree

Fire History: 1987, 2003

Lunch 5837'

Subalpine Parkland

Fire History: 1987, 2003

Keyed *Leucophysalis nana* 5850'

Subalpine Parkland

Fire History: 1987, 2003

View 5978'

Subalpine Parkland

Fire History: 1987, 2003