

Columbines School of Botanical Studies
Spring Apprenticeship Program
Trip #4 *Berberis nervosa*

April 28, 29, May 2, 2017

Low Elevation Coniferous Woods 2000'

Family	Genus	Name	Uses
Melanthiaceae (Liliaceae)	<i>Trillium ovatum</i>	Birth Root	No Pick
Orchidaceae	<i>Calypso bulbosa</i>	Calypso Orchid	No Pick
	<i>Neottia cordata</i> (<i>Listera cordata</i>)	Twayblade	No Pick
Portulacaceae	<i>Montia sibirica</i>	Candyflower	Edible (choice)
Ranunculaceae	<i>Anemone lyallii</i>	Small Windflower	Poisonous
Berberidaceae	<i>Berberis nervosa</i>	Mountain Oregon Grape	Edible, Medicinal
Fumariaceae	<i>Dicentra formosa</i>	Bleeding Hearts	Poisonous
Grossulariaceae	<i>Ribes sanguineum</i>	Red Flowering Currant	Edible
Aceraceae	<i>Acer macrophyllum</i>	Big leaf Maple	Edible (choice)
Violaceae	<i>Viola glabella</i>	Woods Violet	Edible (choice)
Ericaceae	<i>Vaccinium parvifolium</i>	Red Huckleberry	Edible, Medicinal
Scrophulariaceae	<i>Synthyris reniformis</i>	Snow Queen	Edibility unknown
Valerianaceae	<i>Valeriana scouleri</i>	Low-elevation Valerian	Medicinal
Asteraceae (Compositae)	<i>Petasites frigidus</i>	Western Coltsfoot	Edible, Medicinal (PA's)

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Berberis nervosa
Field Trip #4

Wildcrafting Principles

Scanning techniques for plant locating: *Calypso bulbosa*

Botany

Keyed out: *Berberis nervosa*

Ranunculaceae: Many stamens, sepals look like petals (sepals petaloid)

Ericaceae: Urn-shaped flowers

Low Elevation Coniferous Woods

Tasted *Valeriana scouleri* root

Tasted *Vaccinium parvifolium* leaf

Tasted *Berberis nervosa* root bark

Locating, harvesting, and processing *Berberis nervosa*

Made *Berberis nervosa* tincture