

Columbines School of Botanical Studies
2024 Alumni Field Series
Trip #8-9 Middle Elevation and Subalpine

Date: August 3-4, 2024
Trip 8-9

Middle Elevation to Subalpine Zone
<http://www.botanicalstudies.net/botany/plantlists.php>

Family	Name	Seen	
Araceae			
	<i>Lysichiton americanus</i> (L. americanum)	Skunk Cabbage	
Tofieldiaceae (Liliaceae)			
Melanthiaceae (Liliaceae)			
	<i>Trillium ovatum</i>	Trillium	
	<i>Veratrum viride</i>	False Hellebore	
	<i>Xerophyllum tenax</i>	Beargrass	
Liliaceae			
	<i>Calochortus subalpinus</i>	Subalpine Cat's Ears	X
	<i>Clintonia uniflora</i>	Queen's Cup	
	<i>Erythronium grandiflorum</i>	Glacier Lily	
	<i>Lilium washingtonianum</i>	Cascade Lily	
	<i>Prosartes hookeri</i> (Disporum h.)	Fairy Bells	X
Orchidaceae			
	<i>Corallorhiza mertensiana</i>	Purple Coral Root	
	<i>Goodyera oblongifolia</i>	Rattlesnake Plantain	
	<i>Neottia banksiana</i>	Large Twayblade	
	<i>Platanthera dilatata</i> (Habenaria d.)	White Rein Orchid	
	<i>Platanthera stricta</i> (Habenaria saccata)	Green Rein Orchid	
	<i>Spiranthes romanzoffiana</i>	Twisted Sister	
Asparagaceae (Liliaceae)			
	<i>Maianthemum racemosum</i> (Smilacina racemosa)	Large False Solomon's Seal	X
	<i>Maianthemum stellatum</i> (Smilacina stellata)	Small False Solomon's Seal	X
Cyperaceae			
	<i>Carex</i> spp.	Sedge	
Ophioglossaceae			
	<i>Sceptridium multifidum</i> (Botrychium silaifolium)	Grape Fern	
Pinaceae			
	<i>Pinus albicaulis</i>	Whitebark Pine	

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Family	Name	Seen
Pinus contorta	Lodgepole Pine	
Tsuga mertensiana	Mountain Hemlock	
Cupressaceae		
Juniperus communis var. kelleyi	Juniper	X
Aristolochiaceae		
Asarum caudatum	Wild Ginger	
Papaveraceae (Fumariaceae)		
Dicentra formosa	Bleeding Heart	
Berberidaceae		
Achlys triphylla	Vanilla Leaf	
Ranunculaceae		
Aconitum columbianum	Monkshood	
Actaea rubra	Baneberry	X
Anemone deltoidea	Large Windflower	
Anemone drummondii	Drummond's Anemone	
Anemone lyallii	Small Windflower	
Anemone occidentalis	Mountain Pasque Flower	
Aquilegia formosa	Columbine	
Caltha biflora	Marsh Marigold	
Delphinium menziesii	Larkspur	
Delphinium sp.	Larkspur	X
Ranunculus alismaefolius	Marsh Buttercup	
Ranunculus sp.	Marsh Buttercup	
Grossulariaceae		
Ribes sp.	Current or Gooseberry	
Ribes viscosissimum	Sticky Currant	
Saxifragaceae		
Micranthes oregana (Saxifraga o.)	Oregon Saxifrage	
Micranthes tolmiei (Saxifraga t.)	Alpine Saxifrage	
Pectiantia breweri (Mitella b.)	Small Bishop's Cap	
Pectiantia pentandra (Mitella p.)	Five Point Mitrewort	
Tiarella unifoliata	Coolwort	
Tolmiea menziesii	Youth on Age	
Crassulaceae		
Sedum divergens	Stonecrop	

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Family	Name	Seen
	Sedum oregonense	Stonecrop
	Sedum sp.	Stonecrop
	sedum stenopetalum	Stonecrop
Fabaceae (Leguminosae)		
	Lupinus andersonii	Lupine
	Lupinus lepidus spp. lyallii	Lupine
	Lupinus sp.	Lupine
	Trifolium longipes	Wild Clover
	Trifolium spp.	Clover
Fabaceae		
	Lupinus albicaulis var. shastensis	
	Lupinus lepidus var. lobbii	Lupine
Rosaceae		
	Amelanchier alnifolia	Serviceberry
	Aruncus dioicus	Goat's Beard
	cf. Potentilla sp.	Potentilla
	Comarum palustre (Potentilla p.)	Swamp Potentilla
	Fragaria sp.	Wild Strawberry
	Holodiscus discolor	Oceanspray
	Leutkea pectinata	Partridge Foot
	Potentilla breweri	Cinquefoil
	Potentilla drummondii	Cinquefoil
	Potentilla flabellifolia	Cinquefoil
	Potentilla sp.	Potentilla
	Rubus nutkanus	Thimbleberry
	Rubus spectabilis	Salmonberry
	Sibbaldia procumbens	Creeping Sibbaldia
	Sorbus sitchensis (S. occidentalis)	Mountain Ash
Rhamnaceae		
	Ceanothus velutinus	Red Root
Fagaceae		
	Chrysolepis chrysophylla (Castanopsis c.)	Chinquapin
Celastraceae (Saxifragaceae)		
	Parnassia cirrata (intermedia)	Grass of Parnassus
Celastraceae		
	Paxistima myrsinites (Pachistima m.)	Oregon Box

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Family	Name	Seen
Hypericaceae		
Hypericum anagalloides	Bog St. John's Wort	X
Violaceae		
Viola sp.	Violet	
Salicaceae		
Salix spp.	Willow	
Onagraceae		
Boisduvalia sp. or Epilobium sp.	Willow Herb	
Chamaenerion angustifolium (Epilobium a.)	Fireweed	X
Brassicaceae (Cruciferae)		
Arabis sp.	Rock Cress	
Draba sp.	Draba	
Polygonaceae		
Aconogonon davisiae (Polygonum newberryi)	Newberry's Knotweed	X
Bistorta bistortoides (Polygonum b.)	Mountain Bistort	
Eriogonum compositum	Northern Buckwheat	X
Eriogonum marifolium var. marifolium	Pyrola Leaf Buckwheat	X
Eriogonum nudum	Naked Buckwheat	X
Eriogonum pyrolifolium	Northern Buckwheat	
Eriogonum umbellatum	Sulfur Flower	X
Polygonum phytolaccifolium	Knotweed	
Caryophyllaceae		
Silene douglasii	Bladder Campion	X
Montiaceae (Portulacaceae)		
Calyptidium umbellatum (Spraguea u.)	Pussy Paws	
Claytonia perfoliata (Montia p.)	Miner's Lettuce	
Claytonia sibirica (Montia s.)	Candy Flower	
Lewisia triphylla	Lewisia	
Montia parvifolia	Small Leaf Montia	
Cornaceae		
Cornus unalaschkensis (C. canadensis)	Bunchberry	
Polemoniaceae		
Ipomopsis aggregata	Skyrocket, Scarlet Gilia	

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Family	Name	Seen
Phlox sp.	Phlox	
Polemonium spp.	Polemonium	
Primulaceae		
Dodecatheon jeffreyi	Shooting Star	
Ericaceae		
Arctostaphylos nevadensis	Kinnikinnik	X
Arctostaphylos patula	Manzanita	X
Cassiope mertensiana	Mountain Heather	
Chimaphila menziesii	Baby Pipsissewa	X
Chimaphila umbellata	Pipsissewa	X
Gaultheria humifusa	Alpine Gaultheria	
Kalmia microphylla	Kalmia	
Orthilia secunda (Pyrola s.)	One-sided Pyrola	X
Phyllodoce empetriformis	Pink Mountain Heather	
Phyllodoce glanduliflora	Yellow Mountain Heather	
Pleuricospora fimbriolata (Hypopitys fimbriata)	Fringed Pine Sap	
Pterospora andromedea	Pine Drops	
Pyrola picta	White-veined Pyrola	X
Vaccinium membranaceum	Huckleberry	X
Vaccinium scoparium	Grouse Berry	
Adoxaceae (Caprifoliaceae)		
Sambucus racemosa	Red Elderberry	X
Boraginaceae		
Mertensia paniculata	Oregon Bluebells	
Hydrophyllaceae		
Phacelia hastata var. compacta	Phacelia	
Phacelia sp.	Phacelia	X
Plantaginaceae (Scrophulariaceae)		
Penstemon cinicola	Penstemon	
Penstemon davidsonii	Penstemon	
Veronica sp.	Veronica, Speedwell	
Veronica wormsjoldii	Veronica, Speedwell	
Plantaginaceae (Scrophulariaceae)		
Penstemon sp. (5)	Penstemon	X

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Family	Name	Seen
Lamiaceae (Labiatae)		
<i>Prunella vulgaris</i>	Self Heal, Heal All	
Phrymaceae (Scrophulariaceae)		
<i>Erythranthe guttata</i> (Mimulus g.)	Monkeyflower	
<i>Erythranthe lewisii</i> (Mimulus l.)	Great Purple Monkeyflower	
<i>Erythranthe moschata</i> (Mimulus moschatus)	Musk Monkeyflower	
<i>Erythranthe primuloides</i> (Mimulus p.)	Primrose Monkeyflower	
Orobanchaceae (Scrophulariaceae)		
<i>Castilleja arachnoidea</i>	Paintbrush	
<i>Castilleja miniata</i>	Paintbrush	
<i>Castilleja parviflora</i> ssp. <i>oreopola</i> (C. o.)	Paintbrush	
<i>Castilleja</i> sp.	Paintbrush	
<i>Castilleja suksdorfii</i>	Paintbrush	
<i>Orthocarpus imbricatus</i>	Owl's Clover	X
<i>Pedicularis attollens</i>	Baby Elephant's Head	
<i>Pedicularis bracteosa</i>	Cobra Head	
<i>Pedicularis groenlandica</i>	Elephant's Head	
<i>Pedicularis racemosa</i>	Parrot's Beak	X
Campanulaceae		
<i>Campanula</i> sp.	Our Friend	
Asteraceae (Compositae)		
<i>Achillea millefolium</i>	Yarrow	
<i>Adenocaulon bicolor</i>	Pathfinder	
<i>Agoseris aurantiaca</i>	Orange Mountain Dandelion	
<i>Anaphalis margaritacea</i>	Pearly Everlasting	
<i>Antennaria</i> sp.	Everlasting	
<i>Arnica cordifolia</i>	Heart Leaf Arnica	
<i>Arnica mollis</i>	Hairy Arnica	
<i>Arnica parryi</i>	Nodding Arnica	X
<i>Artemisia douglasiana</i>	Mugwort	
cf. <i>Aster</i> sp.	Aster	X
<i>Dieteria canescens</i> var. <i>shastensis</i> (<i>Aster</i> s.)	Shasta Aster	
DYC	Damn Yellow Compositae	
<i>Erigeron peregrinus</i>	Daisy	
<i>Eriophyllum lanatum</i>	Oregon Sunshine	X
<i>Hieracium albiflorum</i>	White Hawkweed	
<i>Hieracium greenei</i>	Greene's Hawkweed	
<i>Hieracium scouleri</i>	Hawkweed	
<i>Leucanthemum vulgare</i> (<i>Chrysanthemum</i> l.)	Ox Eye Daisy	

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Family	Name	Seen
Nothocalais alpestris (Microseris a.)	Alpine Dandelion	
Oreostemma alpigenum (Aster alpigenus)	Aster	
Raillardella scaposa	Raillardella	
Rainiera stricta	Rainiera	X
Rudbeckia occidentalis	Coneflower	
Senecio sp.	Groundsel	
Senecio triangularis	Arrow Leaf Groundsel	
Symphotrichum spathulatum	Western Mountain Aster	
Linnaeaceae (Caprifoliaceae)		
Linnaea borealis	Twinflower	
Valerianaceae		
Valeriana sitchensis	Valerian	X
Araliaceae		
Oplopanax horridus (O. horridum)	Devil's Club	
Apiaceae (Umbelliferae)		
Angelica arguta	Angelica	
Heracleum maximum (H. lanatum)	Cow Parsnip	
Ligusticum grayi	Oshala	
Lomatium martindalei	Biscuit Root	X
Osmorhiza berteroi (O. chilensis)	Sweet Cicely	
Unidentified white Umbelliferae		
Animal Interactions		
Dissosteira carolina	Carolina Grasshopper	X