

A Guide to Flora at the End of Palmer Creek Rd (near Hope)

These photos and field ID notes are for some plants along the trails and ridge lines at the end of Palmer Creek Road. Beautiful alpine lakes, waterfalls, meadows packed with wildflowers, and gently sloping ridges make it a great mid-summer destination for wildflower lovers. The road is usually closed till mid-June and snowfields remains well into August in higher elevations. The area gets more precipitation than the Chugach Mountains near Anchorage, and open terrain looks easy to navigate, but frequent fog can confuse navigation.

This booklet is sorted by scientific names consistent with the Flora of Alaska Project, and a cross-reference to Hulten's 1968 *Flora of Alaska and Neighboring Territories* is provided. A more complete checklist for plants at this location is available at the Alaska Native Plant Society website: <https://aknps.org>. All photos and field ID notes are copyrighted to Dennis Ronsse.

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Scientific Name

Common Name

Family

Achillea millefolium borealis

Northern Yarrow

Asteraceae

Northern Yarrow (*A. millefolium borealis*)- Leaves pinnatifid w/ narrow rachis Common in most of AK. Gwich'in people used yarrow tea to relieve coughs and ulcers vs. Siberian Yarrow (*A. alpina*)- Leaves serrate or pinnatifid w/ very broad rachis. Interior AK. Rare in Anchorage area (meadows & woods).



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Achillea borealis**

888

no

Scientific Name

Common Name

Family

Aconitum delphiniifolium

Larkspurleaf Monkshood

Ranunculaceae

Monkshood- Leaves digitately cleft into 5-lobed **narrow** parts. Flowers blue (sometimes white) **shaped like helmets**. Poisonous, used in bait to kill wolves and on harpoon tips to sedate whales vs. Larkspur - **Leaf segments 3-5, wider and toothed. Flowers w/ long spur.**



Hulten Family

Ranunculaceae

Hulten Name

Aconitum delphiniifolium ssp. *delphiniifolium*

Hulten page

459.5

Accepted

yes

Scientific Name

Common Name

Family

Anemonastrum richardsonii

Yellow Anemone

Ranunculaceae

Yellow Anemone- Basal leaves w/ long stems. Flower stalk arises from center of a modified leaf. Styles not reflexed, achenes not winged. **Anemones** are petaloid (sepals appear as petals) vs. **Buttercups** (*Ranunculus*) w/ green sepals.



Hulten Family

Ranunculaceae

Hulten Name

*Anemone Richardsonii**

Hulten page

462

Accepted

no

*Anemonastrum sibiricum*Narcissus-flowered
Anemone

Ranunculaceae

Narcissus-flowered Anemone (*A. sibirica*)- Flowers large, **many petals**, often blueish underside, **usually more than one per plant**. **Leaves deeply dissected**. Achenes hairless. **Alpine & woods** vs Northern Anemone (*A. parviflora*)- basal leaves dark green, lustrous, glabrous, **3 lobed w/ blunt teeth**. Flowers early, 1 per plant, **5 large white petals** (underside blueish). More alpine. vs *A. multifida*, **Flowers smaller, rosy or lavender underneath. Dry open woods (not as high in the mountains)**.



Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Anemone narcissiflora ssp. *sibiricum**

464

no

Scientific Name

Common Name

Family

Anemone parviflora

Northern Anemone

Ranunculaceae

Northern Anemone (*A. parviflora*)- basal leaves dark green, lustrous, glabrous, **3 lobed w/ blunt teeth**. Flowers early, 1 per plant, **5 large white petals** (underside blueish). More alpine. vs Narcissus-flowered Anemone (*A. sibirica*)- Achenes hairless. Flowers large, **many petals**, often blueish underside, **usually more than one per plant**. Leaves deeply dissected. Alpine & woods vs *A. multifida*- Flowers smaller, rosy or lavender underneath. Dry open woods (not as high in the mountains).



Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Anemone parviflora

463

yes

Scientific Name

Common Name

Family

Antennaria monocephala monocephala

Cat's Paw

Asteraceae

Cat's Paw- **Flowers white, in a single head.** Mat forming w/ stolons. Basal leaves spoon-shaped, **greener, less hairy than most others in this genus.**



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Antennaria monocephala monocephala

874

yes

Scientific Name

Common Name

Family

Aphragmus eschscholtzianus

Aleutian Cress

Brassicaceae

Aleutian Cress- Very small pale white to purplish flowers. persistent dilated petioles at base Basal leaves spatulate-ovate, with long underground petioles strongly dilated. Wet places.



Hulten Family

Hulten Name

Hulten page

Accepted

Brassicaceae

*Aphragmus Eschscholtzianus**

500

no

Scientific Name

Common Name

Family

Aquilegia formosa

Western Columbine

Ranunculaceae

Western Columbine- Early spring growth a cluster of blue-green, bi-ternate leaves. flowers orange-red vs. *A. brevistylla* bluish flowers (the only other wild columbine in AK).



Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Aquilegia formosa

457

yes

Scientific Name

Common Name

Family

Arabidopsis kamchatica

Kamchatka Rockcress

Brassicaceae

Kamchatka Rockcress- Basal leaves are lyrate (somewhat like dandelion) stem leaves entire. Flowers small white. Dry open woodlands. Young leaves have a radish-like flavor and have been eaten raw or boiled by Alaska Native peoples for centuries.



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Hulten Family

Hulten Name

Hulten page

Accepted

Brassicaceae

*Arabis lyrata**

545

no

Scientific Name

Common Name

Family

Arctous alpina

Black Bearberry

Ericaceae

Alpine Bearberry- **Leaves smaller (4-15mm), rugose, some hairs at base, persisting for years.** Berries mature to blue-black. vs. Red Bearberry **Leaves less persistent, larger (15-30mm), less reticulated, glabrous.** Berries red & sweet.



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Arctostaphylos alpina**

730

no

Scientific Name

Common Name

Family

Arnica latifolia

Meadow Arnica

Asteraceae

Meadow Arnica- **Mid-stem leaves unstalked. Basal & lower stem leaves broad, ovate, elliptic or cordate. Pappus white, barbellate.** Heads erect, branched inflorescence. Involucres ciliate not densely white-pilose. Usually meadows (not alpine). vs Hairy Arnica- same basal leaves. **Pappus brownish or tawny.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Arnica latifolia

918

yes

Scientific Name

Arnica lessingii

Common Name

Lessing's Arnica

Family

Asteraceae

Lessing's Arnica- **Anthers purple or blackish.** Alpine. Mostly basal leaves. Flowers pale yellow, almost always nodding. Involucral bracts dark purplish, densely pubescent below vs. **all other *Arnica* have yellow anthers.**



Hulten Family

Asteraceae

Hulten Name

Arnica Lessingii

Hulten page

916

Accepted

yes

Scientific Name

Common Name

Family

Campanula lasiocarpa

Mountain Harebell

Campanulaceae

Mountain Harebell- **Flowers large, usually single. Leaves mostly basal. Calyx lobes with slender teeth.** vs Common Harebell (*C. rotundifolia*)- **Flowers usually many. Basal leaves usually withered. Calyx lobes entire** vs. One-flowered Harebell (*C. uniflora*) Small alpine plant. **Flowers single, small, narrow. Calyx lobes entire.** Leaves oblong to spatulate, crowded at the base.



Hulten Family

Hulten Name

Hulten page

Accepted

Campanulaceae

Campanula lasiocarpa ssp *lasiocarpa*

847

yes

Scientific Name

Common Name

Family

Castilleja unalaschcensis

Coastal Paintbrush

Orobanchaceae

Coastal Paintbrush- Leaves long pointed & hairy. **Clusters of yellow "flowers" (bracts) at stem tips** conceal small flowers (resemble a brush dipped in paint).



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Castilleja unalaschcensis

807

yes

Scientific Name

Common Name

Family

Chamaenerion angustifolium

Fireweed

Onagraceae

Fireweed- Edible new leaves & shoots. Flowers used for tea, cooked or jelly. In fall leaves are bright-colored orange-red to purplish.



Hulten Family

Hulten Name

Hulten page

Accepted

Onagraceae

*Epilobium angustifolium**

686

no

Scientific Name

Common Name

Family

Chamaenerion latifolium

River Beauty

Onagraceae

River Beauty- Along streams, river bars & scree slopes. Stems sprawling, leaves grey-green, somewhat fleshy, Sepals 4 bright pink, Sepals 4 purplish & pointed.



Hulten Family

Hulten Name

Hulten page

Accepted

Onagraceae

*Epilobium latifolium**

687

no

Chamaepericlymenum unalaschkense**Western cordilleran
bunchberry***Cornaceae*

Dwarf Dogwood (3 species in AK) Leaves: one small pair then a whorl at top. Veins prominent & arched arising from lower part (not base) of midrib. True flowers yellowish to greenish, stamens not longer than styles. Berries are red.

C. unalaschkense - leaves at proximal 2–4 nodes nonchlorophyllous, opposite, $\pm$ scalelike, caducous (rarely chlorophyllous at 3d node from apex but much smaller than more distal leaves); petals cream proximally, purple distally; hypanthium cream to mottled purple, densely hairy vs. *C. suecicum* - leaves -3 pairs (or more) below top, all similar size, all lateral veins originate from (or near) base; hypanthium deep purple, very sparsely appressed hair; petals purplish-black, stamens exceed styles, vs. *C. canadense* - leaves - 1 small pair then a whorl or 4-6 at top, lateral veins prominent & arched arising from lower half (not base) of midrib; petals yellowish to greenish, stamens not longer than styles; hypanthium cream, 1–2 mm, densely appressed-hairy; petals cream; sepals cream turning purple as fruit matures; hybrids occur, sometimes large colonies spread by stolons.

**Hulten Family****Hulten Name****Hulten page****Accepted***Cornaceae**Cornus*

709

no

Scientific Name

Common Name

Family

Claytonia sarmentosa

Creeping Spring Beauty

Montiaceae

Creeping Spring Beauty- **Basal leaves 1-2 cm wide**, obovate or spatulate, petioled. Stem leaves 2 opposite sessile, broadly ovate, somewhat acute. **Flowers in clusters of 3-8, pink w/ darker veins and yellow blotch. Moist to wet stream banks, rocky slopes, mossy seepage.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Portulacaceae*

Claytonia sarmentosa

408

no

Scientific Name

Common Name

Family

Diapensia obovata

Lapland Diapensia

Diapensiaceae

Lapland Diapensia- Alpine zone, evergreen leaves, crowded in a mat or lump-like cushion. **White flowers on red stalks**, very early flowering. Many Canadian plants are thought to live to over a century or two! vs. Alpine Azalea- Alpine zone, mat or lump-like with **pink flowers (not on stalks)**, mostly on south-facing alpine slopes.



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae*

*Diapensia lapponica ssp obovata**

736

no

Scientific Name

Common Name

Family

Diphasiastrum alpinum

Alpine Club Moss

Lycopodiaceae

Alpine Club Moss (*D. alpinum*)- **Leaves blue-green**. Horizontal stems whitish-green, creeping on soil surface, rooting at intervals w/ few leaves **Ultimate branchlets approximately square in cross section**; leaves 4-ranked, **strongly overlapping** vs. *D. sitchense*- **Leaves pale-green, lacking trowell-shaped ventral leaves**. **Ultimate branchlets round in cross section**; leaves 5-ranked, not overlapping.



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Hulten Family

Hulten Name

Hulten page

Accepted

Lycopodiaceae

*Lycopodium alpinum**

30.1

no

Scientific Name

Common Name

Family

Dryas ajanensis beringensis

White Mountain Avens

Rosaceae

White Mountain Avens (3 in SC AK, need magnification & hybrids occur) *D. ajanensis ssp beringensis*-
Leaf sinuses 5–25% to midvein. Feathery hairs and stipitate glands abundant along midveins abaxially. vs. *D. hookeriana* **Leaf sinuses 5-25% to midvein, no feathery hairs,** but **midveins and petioles abaxially stipitate-glandular (rare)** vs Alaska Mountain Avens **sinuses of margins 45–60% to midvein. Feathery hairs absent on leaf underside.**



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Dryas octopetala ssp octopetala var octopetala

630

no

Scientific Name

Empetrum nigrum

Common Name

Crowberry

Family

Ericaceae

Crowberry- Woods, heaths, bogs & alpine slopes (especially north facing). **Leaves small narrow needle-like, maroon colored in spring.** Tiny flowers at stem tips, early, often as snow is melting.



Hulten Family

*Empetraceae**

Hulten Name

Empetrum nigrum

Hulten page

716

Accepted

yes

Scientific Name

Common Name

Family

Erigeron peregrinus

Coastal Fleabane

Asteraceae

Erigeron peregrinus- Plant erect to ascending (not low spreading). Involucral bracts hairy & w/ fringed margins, sparsely glandular tips (common in AK) vs. *Erigeron glacialis* var. *glacialis*- Involucral bracts hairless, but evenly stalked glandular. Few scattered locations: Denali, Seward, Sitka.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Erigeron peregrinus ssp *peregrinus**

869

no

Scientific Name

Common Name

Family

Eriophorum

Cotton-grass

Cyperaceae

E. scheuchzeri- Bristles white to dull white. Anthers .35 to 1mm long. Scales thin, long pointed, widest below the middle or close to the base, reduced hyaline margined. *ssp scheuchzeri* w/ large round white seed head, photogenic / *ssp tenuifolium*, smaller heads. vs *Eriophorum russeolum* *ssp. leiocarpum*- Bristles white to dull white. Anthers 1.5 to 3mm long. Medial scales acute, widest mostly at middle or above, w/ well developed hyaline margins.



Hulten Family

Hulten Name

Hulten page

Accepted

Cyperaceae

Eriophorum scheuchzeri

201

yes

Scientific Name

Common Name

Family

Gentiana glauca

Glaucous gentian

Gentianaceae

Glaucous Gentian- the only gentian in AK w/ tube of dark blue or greenish connected petals which open with a flare of sunshine.



Hulten Family

Hulten Name

Hulten page

Accepted

Gentianaceae

Gentiana glauca

757

yes

Scientific Name

Gentiana platypetala

Common Name

Blue Gentian

Family

Gentianaceae



Hulten Family

Gentianaceae

Hulten Name

Gentiana platypetala

Hulten page

754

Accepted

yes

Scientific Name

Common Name

Family

Geranium erianthum

Woolly Geranium

Geraniaceae

Cranesbill- tall plant. Petals lavender w/ dark stripes. **Leaves large coarse, deeply toothed, palmately lobed.** Mostly forests & meadows, to just above tree line. An attractive ornamental in gardens.



Hulten Family

Hulten Name

Hulten page

Accepted

Geraniaceae

Geranium erianthum

674

yes

Scientific Name

Common Name

Family

Geum rossii

Ross Avens

Rosaceae

Ross Avens- **Basal leaves dark green pinnately divided.** Flowers w/ 5 rounded petals, and large leafy sepals, clustered at end of 6-8" stems which have a few small modified leaves. Tundra slopes & snow beds. vs Cinquefoils (*Potentilla spp*)- often more rocky habitat & several species have **tri-foliate** leaves.



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Geum rossii

627

yes

Scientific Name

Common Name

Family

Harrimanella stelleriana

Moss Heather

Ericaceae

Moss Heather (*H. stelleriana*)- Evergreen dense soft mat. flowers bell-shaped, **white w/ red sepals**, at branch ends on stalks just above a mat, **not in 4 rows**. **Perfume like fragrance** vs Bell Heather- hanging white bell shaped flowers. **Stems rectangular, leaves in 4 rows, causing branches to look like Phillips screwdriver.**



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Cassiope stelleriana**

726

no

Scientific Name

Common Name

Family

Heracleum lanatum

Cow Parsnip

Apiaceae

Cow Parsnip- *Heracleum*, Named for Hercules, who was supposed to have used it first for medicine, and because he was considered a mortal of great size and strength much like the plant. Caution: sunlight and skin contact may cause severe rash.



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Hulten Family

Hulten Name

Hulten page

Accepted

Apiaceae

Heracleum lanatum

707

yes

Scientific Name

Common Name

Family

Huperzia continentalis

Mountain Club Moss

Lycopodiaceae

Mountain Club Moss- **Leaves yellow green, lanceolate, more ascending. Shoots 8-11cm. Sporangia give banded appearance. Alpine & sub-alpine meadows** vs. Chinese Clubmoss- **leaves dark green, linear, sometimes reflexed. Shoots 12-18cm. and juv stems growing in arc. Mostly coniferous forest.** Contains huperzine A, an acetylcholinesterase inhibitor, to treat symptoms of Alzheimer's disease. Now produced in culture, which should increase commercialization & reduce picking pressure on wild populations.



Hulten Family

Hulten Name

Hulten page

Accepted

*Lycopodiaceae**

*Lycopodium selago ssp selago**

25

no

Scientific Name

Common Name

Family

Kalmia procumbens

Alpine Azalea

Ericaceae

Alpine Azalea (*K. procumbens*)- Alpine zone, evergreen mat or lump-like with **pink flowers (not on stalks)**, mostly on south-facing alpine slopes vs. Lapland Diapensia- Alpine zone, evergreen mat or lump-like cushion. **White flowers on red stalks**, very early flowering. Many Canadian plants are thought to live to over a century or two!



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Loiseleuria procumbens**

720

no

Scientific Name

Common Name

Family

Leptarrhena pyrolifolia

Leather-leaved Saxifrage

Saxifragaceae

Leather-leaved Saxifrage- Basal leaves thick, dark green & shiny, toothed. Petals linear shape, white. Red follicles w/ divergent tips. Wet places, along streams. Winter foliage persistent.



Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Leptarrhena pyrolifolia

562

yes

Scientific Name

Common Name

Family

Linnaea borealis

Twinflower

Linnaeaceae

Twinflower- A trailing shrub / vine w/ small rounded light green evergreen leaves, opposite and having a few teeth near the tip. Pinkish white bell shaped flowers. Woods and dry slopes in mountains. Logo of ANPS, Verna's favorite!



Hulten Family

Hulten Name

Hulten page

Accepted

*Caprifoliaceae**

Linnaea borealis

843

no

Scientific Name

Common Name

Family

Luetkea pectinata

Alpine Spiraea

Rosaceae

Alpine Spiraea- sub-alpine, moist slopes. Leaves thin, fern-like, forms large mats. Flowers small 5 petals, cream-white. Also called Partridge-foot because of leaf shape.



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Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Luetkea pectinata

595

yes

Scientific Name

Common Name

Family

Lupinus nootkatensis

Nootka Lupine

Fabaceae

Nootka Lupine- most common Lupine in SC AK. short petioles. Leaves not so pointed as Arctic Lupine which has long petioles (more than 2x the leaf diameter), and pointed leaves (found at Lazy Mtn)

Seeds 10,000 yrs old found in lemming food cache germinated to produce healthy plants.



Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Lupinus nootkatensis

636

yes

Scientific Name

Common Name

Family

Micranthes calycina

Fan-leaf Saxifrage

Saxifragaceae

Fan-leaf Saxifrage- **branches of inflorescence hairy. Leaves w/ more than 7 teeth. Filaments linear. Capsules purple to black (not greenish)** vs. *M. lyalii* filaments club-shaped & capsules greenish.



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

*Saxifraga davurica ssp grandipetala**

578

no

Scientific Name

Common Name

Family

Micranthes lyallii hultenii

Red-stemmed Saxifrage

Saxifragaceae

Red-stemmed Saxifrage- **Leaf stalks about as long as blades, merely narrowing at base, toothed only at tip. Filaments club-shaped.** vs Fan-leaf Saxifrage (*M.calycina*)- **branches of inflorescence hairy. Leaves w/ more than 7 teeth. Filaments linear. Capsules purple to black (not greenish).**



Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

*Saxifraga Lyallii hultenii**

578

no

Scientific Name

Common Name

Family

Micranthes nelsoniana

Nelson's Saxifrage

Saxifragaceae

Nelson's Saxifrage- No stem leaves. Basal leaves **pubescent, long petiolated, blades toothed all around**. Inflorescence dense, calyx lobes often purplish, reflexed. petals white to pinkish. Filaments club-shaped. vs. Red-stemmed Saxifrage- **leaves also w/ long petioles, but toothed only in upper part of leaf**.



Hulten Family

Saxifragaceae

Hulten Name

*Saxifraga punctata**

Hulten page

572

Accepted

no

Scientific Name

Common Name

Family

Oxyria digyna

Mountain Sorrel

Polygonaceae

Mountain Sorrel



Hulten Family

Hulten Name

Hulten page

Accepted

Polygonaceae

Oxyria digyna

383

yes

Scientific Name

Common Name

Family

Pedicularis capitata

Capitate Lousewort

Orobanchaceae

Capitate Lousewort- **Flowers yellow, rather large, few at the top of the stem.** Rocky alpine tundra. Louseworts, 22 in AK, are root parasites of almost any plant they can reach. Favorite hosts are grasses and the pea family (perhaps because pea family plants can fix nitrogen).



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis capitata

825

no

Scientific Name

Common Name

Family

Pedicularis verticillata

Whorled-leaf Lousewort

Orobanchaceae

Whorled-leaf Lousewort- Flowers purplish in whorls around the stem. Leaves also in whorls around stems. Meadows & rocky slopes.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis verticillata

817

no

Scientific Name

Common Name

Family

Phyllodoce aleutica

Aleutian Mountain Heather

Ericaceae

Aleutian Mountain Heather (*P. aleutica*)- outside of corolla & filaments glabrous. vs. Yellow Mountain Heather (*P. glanduliflora*) outside of corolla glandular & filaments more or less pubescent at base.



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Phyllodoce aleutica ssp aleutica**

723

no

Scientific Name

Common Name

Family

Platanthera dilatata

White Bog Candle

Orchidaceae

White Bog Candle- **Larger flowers, petals white & dialated, loosely triangular bases. Many stem leaves** vs. others w/ greenish flowers (or white flowers w/ only basal leaves).



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Hulten Family

Hulten Name

Hulten page

Accepted

Orchidaceae

Platanthera dilatata

322

yes

Scientific Name**Common Name****Family*****Polemonium acutiflorum*****Tall jacob's ladder*****Polemoniaceae***

Tall Jacob's Ladder (*P. acutiflorum*)- Corolla lobes acuminate, margins ciliate, throat white. Anthers yellow. Leaflets glabrous (or nearly so), sharply pointed. vs. *P. boreale*- Corolla lobes broadly rounded, margins glabrous, throat yellow. Anthers white. Leaflets 10 or less / side, viscid-pubescent, not sharply pointed tips. Both very common in AK.



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Hulten Family**Hulten Name****Hulten page****Accepted***Polemoniaceae**Polemonium acutiflorum*

767

yes

Scientific Name

Common Name

Family

Pseudocherleria macrocarpa

Longpod Sandwort

Caryophyllaceae

Longpod Sandwort (*M. macrocarpa*)- **Petals > 2x longer than sepals.** Leaves flat, linear to lance shaped, 3 nerved, **margin w/ long cilia.** Capsules **10-18mm, >2x length of sepals** vs.

Reddish Sandwort (*M. rubella*)- **Stalks glandular.** Leaves **small thin linear-subulate w/ 3 nerves** (most easily seen on last year's marscescent remnants). **Sepals pointed.**



Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

*Minuartia macrocarpa**

429

no

Scientific Name

Common Name

Family

Pyrola asarifolia asarifolia

Pink Pyrola

Ericaceae

Pink Pyrola (*P. asarifolia*)- **Flowers pinkish**, Spike 8-10" w/ nodding flowers. Leaves round, wintergreen. Styles protruding vs. *P. chlorantha* smaller leaves, flowers greenish-white vs *P. grandiflora* large leaves, **Flowers large white or greenish-white** vs. Sidebells Wintergreen- **thinner more pointed leaves, very small green bell-shaped flowers on one side of curved stem**. All these **Wintergreens** can photosynthesize under shallow snow.



Hulten Family

Hulten Name

Hulten page

Accepted

*Pyrolaceae**

Pyrola asarifolia

711

no

Scientific Name

Ranunculus grayi

Common Name

Arctic-alpine Buttercup

Family

Ranunculaceae

Arctic-alpine Buttercup- Dwarf. Petals about as long as sepals, achene beaks curved. Intermittent wet places, scree slopes vs. *R. pygmaeus* even smaller, achene beaks straight.



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Hulten Family

Ranunculaceae

Hulten Name

Ranunculus gelidus ssp *Grayi**

Hulten page

477

Accepted

no

Scientific Name

Common Name

Family

Ranunculus nivalis

Snow Buttercup

Ranunculaceae

Snow Buttercup- **growing in moss of alpine stream, often near snowmelt.** Calyx w/ brown hair, **receptacle glabrous. Basal leaves 3-lobed** vs. *R. sulphureis* Moist alpine & arctic tundra and wet meadows. Calyx densely brown hair. **Receptacle w/ stiff brown hairs. Basal leaves merely shallow lobed or toothed** note, *Anemones* are petaloid (sepals appear as petals) vs. Buttercups (*Ranunculus*) w/ green sepals.



Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Ranunculus nivalis

476

yes

Scientific Name

Common Name

Family

Ranunculus occidentalis

Western Buttercup

Ranunculaceae

Western Buttercup (*R. occidentalis*)- Basal leaves usually long-petioled & **hairy**. Blades 3 lobed, w/ lobes again lobed. **Pedicels appressed-pubescent.** vs. Mountain Buttercup (*R. eschscholtzii*) branched w/ many flowers, **Leaves & stems glabrous.** note, **Anemones** are petaloid (sepals appear as petals) vs. Buttercups (*Ranunculus*) w/ green sepals.



Hulten Family

Ranunculaceae

Hulten Name

Ranunculus occidentalis

Hulten page

483

Accepted

yes

Scientific Name

Common Name

Family

Ranunculus sulphureus sulphureus

Sulphur Buttercup

Ranunculaceae

R. sulphureis Moist alpine & arctic tundra and wet meadows. Calyx densely brown hair. **Receptacle w/ stiff brown hairs. Basal leaves merely shallow lobed or toothed** vs. Snow Buttercup- **growing in moss of alpine stream, often near snowmelt.** Calyx w/ brown hair, **receptacle glabrous.** Basal leaves 3-lobed.



Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Ranunculus sulphureus sulphureus

477

yes

Scientific Name

Common Name

Family

Rhodiola integrifolia integrifolia

Roseroot

Crassulaceae

Roseroot- Stems crowded, heavy w/ glabrous, blue-green, fleshy leaves. Root has rose fragrance. **Petals dark red** vs. *R. rosea* **Petals pale yellow to greenish** (very few collections in AK).



Hulten Family

Hulten Name

Hulten page

Accepted

Crassulaceae

*Sedum rosea ssp integrifolia**

561

no

Scientific Name

Common Name

Family

Rubus stellatus

Nagoonberry

Rosaceae

Nagoonberry- 3 in SC AK & hybrids occur. Trailing vines w/ magenta flowers. Great tasting berries, but difficult to harvest in large amount. Rubus is the ancient Latin word for bramble.



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

*Rubus arcticus ssp stellatus**

603

no

Scientific Name

Common Name

Family

Sanguisorba canadensis latifolia

Sitka Burnet

Rosaceae

Sitka Burnet- Basal leaves pinnate, w/ 9-15 roundish, coarsely serrated leaflets. Stem leaves much reduced. Flowering spikes long-cylindrical. Bogs, swamps, meadows, & snow beds. vs *S. officinalis*
Flowering spike short rounded, red flowered.



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

*Sanguisorba stipulata**

633

no

Scientific Name

Common Name

Family

Saxifraga funstonii

Yellow Spotted Saxifrage

Saxifragaceae

Yellow Spotted Saxifrage (*S. bronchialis* ssp *funstonii*)- **Basal leaves in sausage-like clusters, each leaf bristle edged with a sharp tip. Petals white or cream-colored w/ yellow spots.** vs Prickly Saxifrage (*S. tricuspidata*)- **Leaves w/ 3 spine tipped teeth. White flowers w/ lavender spots.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga bronchialis ssp *funstonii**

570

no

Scientific Name

Common Name

Family

Senecio triangularis

Triangular-leaved groundsel *Asteraceae*

Triangular-leaved Fleabane- large plant w/ sharp toothed triangle shaped leaves reduced in size up the stem. Flowers in flat topped clusters.



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Senecio triangularis

934

yes

Scientific Name

Common Name

Family

Silene acaulis ssp subacaulescens

Moss Champion

Caryophyllaceae

Moss Champion- Cushions of very small leaves covered w/ pink flowers, usually found in dry rocky high alpine places, but also low elevations on Turnagain Arm.



Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

Silene acaulis subacaulescens

440

yes

Scientific Name

Spiraea stevenii

Common Name

Alaska Spiraea

Family

Rosaceae

Alaska Spirea- Shrub, low to mid-size. **Young branches reddish-brown. Cormybs flat-topped, petals white or pinkish.** Woods, alder thickets, tundra bogs, into alpine zone.



Hulten Family

Rosaceae

Hulten Name

*Spiraea beauverdina**

Hulten page

594

Accepted

no

Scientific Name

Common Name

Family

Stenotheca tristis

Hawkweed

Asteraceae

Hawkweed- Involucre usually 3-5 mm long w/ grayish pilose hairs, lacking glandular hairs vs. *var gracile* Involucre usually 1-3 mm long w/ bluish pilose hairs, mixed w/ black glandular hairs.



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Hieracium triste**

958

no

Scientific Name

Swertia obtusa

Common Name

Star Gentian

Family

Gentianaceae

Star Gentian- Smooth stiff plant, up to 15" tall. purplish stem, opposite leaves; 4-5 petals purplish, star shaped. Moist woods & sub-alpine meadows.



Hulten Family

Gentianaceae

Hulten Name

*Swertia perennis**

Hulten page

762

Accepted

no

Scientific Name

Tellima grandiflora

Common Name

Fringe Cups

Family

Saxifragaceae



Hulten Family

Saxifragaceae

Hulten Name

Tellima grandiflora

Hulten page

585

Accepted

yes

Scientific Name

Common Name

Family

Trientalis europaea

Star Flower

Myrsinaceae

Star Flower- Woods, higher slopes. Leaves reddish, in a whorl. Flowers white w/ 7 petals.



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae

Trientalis europaea

751

yes

Scientific Name

Common Name

Family

Tsuga mertensiana

Mountain Hemlock

Pinaceae

Mountain Hemlock- **Leaves blunt, mostly spreading in all directions from twigs**, bearing stomata on both surfaces; **seed cones 3-6 cm, half as wide** vs Western Hemlock- Leaves mostly appearing 2-ranked, bearing stomata on abaxial surface only; **seed cones ovoid, less than 3 cm cm long** (Kodiak, Cordova, SE AK).



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Hulten Family

Hulten Name

Hulten page

Accepted

Pinaceae

Tsuga mertensiana

63

yes

Scientific Name

Common Name

Family

Vaccinium uliginosum

Bog Blueberry

Ericaceae

Bog Blueberry (*V. uliginosum*)- **Twigs rounded. Plant small, <40 cm tall. Leaf margins entire.**
vs. Dwarf Blueberry Twigs rounded. Plant small, <40 cm tall, **Leaf margins finely toothed.** vs Early
Blueberry & Red Huckleberry- **Twigs angled. Plant large, > 60 cm tall.**



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Vaccinium uliginosum

734

yes

Scientific Name

Common Name

Family

Vaccinium vitis-idaea

Lingonberry

Ericaceae

Lingonberry- Low growing evergreen shrub. **Leaves evergreen, shiny, hard w/ margins curled, dark spots underneath.** Flowers pinkish at branch tips. Good tasting berries improve with frost (still good in spring).



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Vaccinium vitis-idaea

731

yes

Scientific Name

Common Name

Family

Valeriana capitata

Capitate Valerian

Valerianaceae

Capitate Valerian (*V. capitata*)- smaller (5-10") upper stem leaves sessile, simple or 3-lobed. Bractlets glabrous or pubescent only at base. Buds maroon, turning pink, then white in bloom vs. Sitka Valerian (*V. sitchensis*)- larger (18-24"), upper stem leaves petiolated 3-5 foliated. Bractlets ciliate. buds Pink-white, turning white in bloom.



Hulten Family

Hulten Name

Hulten page

Accepted

Valerianaceae

Valeriana capitata

845

yes

Scientific Name

Common Name

Family

Veratrum viride eschscholtzii

False Hellebore

Melanthiaceae

False Hellebore- Large (3-5 feet tall). Leaves broad w/ "parallel" veins. Very poisonous.



Hulten Family

Hulten Name

Hulten page

Accepted

Liliaceae

Veratrum viride eschscholtzii

306

yes

Scientific Name

Common Name

Family

Veronica wormskjoldii

Alpine Veronica

Plantaginaceae

Alpine Veronica- Alpine & meadows. 5-8" tall. Stem non-branching, slightly hairy. Leaves sessile mostly opposite. Flowers lavender-blue, 4 petals.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Veronica Wormskjoldii

802

yes

Scientific Name

Common Name

Family

Viola langsdorfii

Alaska Violet

Violaceae

Alaska Violet- Flowers large bluish-violet. **Snow beds, meadows, streams. Stipules entire.** vs. Dog Violet- Flowers short stemmed purple. **Stipules jagged or sharp-toothed. Dry rocky meadows & woods.**



Hulten Family

Hulten Name

Hulten page

Accepted

Violaceae

Viola Langsdorfii

681

yes