

A Field Guide to Common Plants at Flattop Mountain

Flattop Mountain is a popular hike near Anchorage with two trailheads, one near the end of Toilsome Road, and the other at Upper Canyon Drive. Both trails are heavily used and provide quick access to alpine tundra of Chugach State Park, though considered moderate to difficult due to a few spots of loose rock. Flattop is a convenient place to see alpine flora of Chugach State Park, since roads take a person most of the way up, and good trails continue to the summit in about 1.5 miles and 1400 feet of ascent from the parking lots.

This booklet is formatted to fit on a phone, and assist with field ID for some common plant along the trails. A more complete checklist (names only) is available at the Alaska Native Plant Society website: <https://aknps.org>. The society was founded in 1982 to promote awareness, education and preservation of Alaska native flora.

Scientific names used here are consistent with the 2020 Flora of Alaska Project and cross-referenced to Hulten's 1968 *Flora of Alaska and Neighboring Territories*. All photos and notes are copyrighted to Dennis Ronsse.

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Botanical 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

Botanical 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

Botanical 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

Botanical 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).



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Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Aquilegia formosa

457

yes

Botanical 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

Botanical Name

Common Name

Family

Arctostaphylos uva-ursi

Kinnikinnik

Ericaceae

Kinnikinnik- Evergreen spatulate leaves, smooth edges not rolled under. Dry places, birch forest. vs Lowbush Cranberry evergreen leaves, rolled under and more round (not spatulate).



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Arctostaphylos uva-ursi

729

yes

Botanical 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.



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Arctostaphylos alpina**

730

no

Botanical Name

Common Name

Family

Arnica frigida

Frigid Arnica

Asteraceae

Frigid Arnica- **Mid-stem leaves narrow & short stalked. Heads nodding when young. involucre bracts often purplish** Dry alpine & aspen mix. vs. *A. ovata*- **Mid-stem leaves broad & longer, prominently petiolated.** Moist meadows, conifer forests, stream banks, late snow-melt areas (rare status in AK, CPNWH 5 in SC AK).



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Arnica frigida

917

yes

Botanical Name

Common Name

Family

Astragalus umbellatus

Tundra Milkvetch

Fabaceae

Tundra Milkvetch- Flowers drooping in compact clusters, petals yellow w/ white edges. Potentially toxic / poisonous. *Oxytropis* and *Astragalus* can absorb selenium and molybdenum from the soil. If ingested causes staggering, labored breathing and convulsions.



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Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Astragalus umbellatus

647

yes

Botanical Name

Common Name

Family

Betula nana exilis

Dwarf Birch

Betulaceae

Dwarf Birch- (2 in SC AK) *B. nana* leaves often wider than long, straight or notched at base. Petioles very short, 2 mm long. vs *B. glandulosa* leaves longer than wide, wedge shaped at base. Petioles hairy 5-6 mm long. Hybrids are common between the two dwarf birches, and also between tree & dwarf birches.



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Hulten Family

Hulten Name

Hulten page

Accepted

Betulaceae

Betula nana exilis

365

yes

Botanical Name***Bistorta vivipara*****Common Name****Alpine Meadow Bistort****Family***Polygonaceae*

Alpine Meadow Bistort- flowers small, white, rapidly replaced by bulbs developing leaves and roots before they fall from adult plant. Plant 3-8" tall. Alpine.

**Hulten Family***Polygonaceae***Hulten Name***Polygonum viviparum****Hulten page**

385

Accepted

no

Botanical 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

Cassiope tetragona

Bell Heather

Ericaceae

Bell Heather (*C. tetragona*)- hanging white bell shaped flowers. **Stems rectangular, leaves in 4 rows, causing branches to look like phillips screwdriver.** vs Moss Heather- 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.**



Hulten Family

Hulten Name

Hulten page

Accepted

*Ericaceae**Cassiope tetragona*

725

yes

Botanical 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

Botanical Name

Common Name

Family

Cerastium arvense strictum

Mouse-eared Chickweed

Caryophyllaceae

Mouse-eared Chickweed (*C. arvense*)- Leaves narrow, hairy, silvery **w/ small axillary tufts (of leaves) at base up uppermost leaves** vs Bering Chickweed- Leaves wider, less hairy, **w/o small axillary tufts (of leaves) at base up uppermost leaves.**



Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

Cerastium arvense

425

yes

Botanical 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

Botanical Name

Corydalis arctica

Common Name

Few-flowered Corydalis

Family

Fumariaceae

Few-flowered Corydalis- Leaves bluish green mostly basal, deeply divided (like a buttercup). Flowers spurred tubular white, rose, blue or lavender.



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Hulten Family

Fumariaceae

Hulten Name

*Corydalis pauciflora**

Hulten page

495

Accepted

no

Botanical Name

Common Name

Family

Dasiphora fruticosa

Shrubby Cinquefoil

Rosaceae

Shrubby Cinquefoil- **Stems are reddish-brown w/ shedding bark.** Leaves thick, bluish-gray above, 5-parted. Large flowers, Common throughout AK, wet and dry ground, prefers limestone.



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Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

*Potentilla fruticosa**

609

no

Botanical Name

Common Name

Family

Delphinium glaucum

Mountain Larkspur

Ranunculaceae

Mountain Larkspur- **Stems up to 7 ft tall, hairless, base usually green.** Flowers w/ a long spur (not helmet shaped) vs Arctic Larkspur- **shorter, 10-40 cm tall. Stems hairy, base usually reddish** vs Monkshood-flowers helmet shaped.



Hulten Family

Ranunculaceae

Hulten Name

Delphinium glaucum

Hulten page

459

Accepted

yes

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.



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Hulten Family

Primulaceae*

Hulten Name

*Diapensia lapponica ssp obovata**

Hulten page

736

Accepted

no

Draba nivalis

Snow Draba

Brassicaceae

Snow Draba (*D. nivalis*)- **Petals white (2-4 mm). Stem leaves 0 (or 1). Dwarf (2-10cm tall) leaves densely stellate pubescent. Pale gray glaucous appearance** recognizable at a distance. Dry rocky or gravelly places. vs. *D. lonchocarpa* Petals white. Stem leaves 0 or 1(-4). lower leaf surfaces greyish w/ tiny star-like hairs, **upper surface usually hairless, and ciliate margins.** vs. *D. cinerea* **Stem leaves 0-5. basal leaves ashy gray on both surfaces.**



Hulten Family

Brassicaceae

Hulten Name

Draba nivalis

Hulten page

523

Accepted

yes

Botanical Name**Common Name****Family*****Draba stenopetala*****Star-flowered Draba*****Brassicaceae***

Star-flowered Draba- Very small alpine plant. Flowers w/ distinctive linear yellow (sometimes purple) petals. In Hulten's time considered rare, but now thought to be uncommon, small & inconspicuous.

**Hulten Family*****Brassicaceae*****Hulten Name*****Draba stenopetala*****Hulten page****531****Accepted****yes**

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

Botanical 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.



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Hulten Family

*Empetraceae**

Hulten Name

Empetrum nigrum

Hulten page

716

Accepted

yes

Botanical 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***Asteraceae***Hulten Name***Erigeron peregrinus* ssp *peregrinus****Hulten page**

869

Accepted

no

Botanical Name**Common Name****Family***Fritillaria camschatcensis*

Chocolate lily

Liliaceae

Chocolate Lily (*Fritillaria camschatcensis*) has large rotten smelling dark brown flowers which are pollinated by flies, which are attracted to the foul smell. The roots are edible, and it is grown in Anchorage gardens for unique flowers.

**Hulten Family****Hulten Name****Hulten page****Accepted***Liliaceae**Fritillaria camschatcensis*

308

yes

Botanical Name

Gentiana glauca

Common Name

Glaucous gentian

Family

Gentianaceae

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



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Hulten Family

Gentianaceae

Hulten Name

Gentiana glauca

Hulten page

757

Accepted

yes

Botanical 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 Anchorage gardens.



Hulten Family

Hulten Name

Hulten page

Accepted

Geraniaceae

Geranium erianthum

674

yes

Botanical Name

Common Name

Family

Geum macrophyllum

Large-leaf Avens

Rosaceae

Large-leaf Avens- **Large terminal leaflet on lyrate-pinnately compound leaf.** Petals small yellow, barely longer than sepals.



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Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Geum macrophyllum

625

yes

Botanical 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

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

Botanical 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.

**Hulten Family****Hulten Name****Hulten page****Accepted*****Apiaceae******Heracleum lanatum*****707****yes**

Juniperus communis depressa

Mountain Juniper

Cupressaceae

Mountain Juniper (*J. communis*)- prostrate shrub up to .6 m tall. **leaves stiff, sharp spines. Wonderful fragrance.** vs. Creeping Juniper (*J. horizontalis*)- **Leaves scale-like, not small sharp spines & not fragrant.** (Rare Plant on AK Nat Heritage Program S3, G5).



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Hulten Family

Cupressaceae

Hulten Name

*Juniperus communis nana**

Hulten page

65

Accepted

no

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

Botanical 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

Botanical Name

Lloydia serotina

Common Name

Alp Lily

Family

Liliaceae

Alp Lily- Leaves thin grass-like. Flowers appear to have 6 pointed petals, really are 3 sepals & 3 petals look much alike.



Hulten Family

Liliaceae

Hulten Name

Lloydia serotina

Hulten page

308

Accepted

yes

Botanical 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

Botanical Name**Common Name****Family*****Mertensia paniculata*****Chiming Bells*****Boraginaceae***

Chiming Bells- Typically large, 15-30" tall. Leaves show in early spring, hairy dark green, tapering to a long point. Flowers pink in the bud, turn blue. Edible, fishy taste.

**Hulten Family****Hulten Name****Hulten page****Accepted*****Boraginaceae******Mertensia paniculata*****782****yes**

Botanical Name

Common Name

Family

Oxytropis bryophila

Purple Oxytrope

Fabaceae

Purple Oxytrope- Small alpine plant w/ 2-3 flowers / stem, **calyx black hairy**, **petals purplish to blue**, pods oblong to cylindrical. Potentially toxic / poisonous. *Oxytropis* and *Astragalus* can absorb selenium and molybdenum from the soil. If ingested causes staggering, labored breathing and convulsions.



Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

*Oxytropis nigrescens ssp bryophila**

661

no

Botanical 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

Botanical Name

Common Name

Family

Pedicularis labradorica

Labrador Lousewort

Orobanchaceae

Labrador Lousewort- Flowers yellow or reddish (or w/ red spot), small, in leaf axils, on many flower stalks. Bogs, tundra & woods.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis labradorica

820

no

Pedicularis lanata

Wooly Lousewort

Orobanchaceae

Wooly Lousewort- Flowers pinkish in dense woolly cluster, **upper corolla lip lacks teeth**. **Stems not leafy** Edible root (raw or boiled). Dry stony tundra. vs. Langsdorf's Lousewort- Flowers lavender/purplish, **with a pair of slender teeth near the tip** in many flowered **woolly spikes**, elongating in age. Leaves pinnately divided (not merely toothed). **Stems leafy**. Meadows & 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).



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Hulten Family

Hulten Name

Hulten page

Accepted

Scrophulariaceae*

*Pedicularis Kanei**

827

no

Botanical 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

Botanical 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

Botanical Name**Common Name****Family*****Rhinanthus minor*****Rattlebox***Orobanchaceae*

Rattlebox- Annual. Stems unbranched (usually) w/ 4-6 prolonged internodes. Leaves sessile, long and narrow w/ long teeth. brats w/ long acute teeth, longer than calyx.

**Hulten Family****Hulten Name****Hulten page****Accepted***Scrophulariaceae***Rhinanthus minor*

815

no

Botanical 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

Botanical Name

Common Name

Family

Rhododendron groenlandicum

Labrador Tea

Ericaceae

Labrador Tea (2 sp)- *R. groenlandicum* leaves oblong, blunt tipped. Stamens 10 vs. *R. tomentosum* leaves smaller, linear, acute tipped. Stamens (5-)8(-10), Both have rusty hairs on stem & underside of leaves w/ strong aroma.



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Ledum palustre ssp groenlandicum**

718

no

Rhododendron tomentosum decumbens**Labrador Tea***Ericaceae*

Labrador Tea (2 in SC AK)- *R. tomentosum*- **leaves smaller, linear, acute tipped. Pedicels bent abruptly just below the capsule.** vs *R. groenlandicum*- **leaves oblong, blunt tipped. Pedicels broadly bent, evenly curved.** Both have rusty hairs on stem & underside of leaves w/ strong aroma.



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Hulten Family**Hulten Name****Hulten page****Accepted***Ericaceae**Ledum palustre ssp decumbens**

717

no

Botanical Name

Common Name

Family

Rubus pedatus

Trailing Raspberry

Rosaceae

Trailing Raspberry- A delicate trailing vine, w/ white petals. The red berries make excellent jam, but seldom occurs in large quantities.



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Rubus pedatus

601

yes

Botanical Name

Sabulina rubella

Common Name

Reddish Sandwort

Family

Caryophyllaceae

Reddish Sandwort (*S. rubella*)- **Stalks glandular. Leaves small thin linear-subulate w/ 3 nerves** (most easily seen on last year's remnants). **Sepals pointed** vs. Large-pod & Arctic Sandworts w/ **rounded sepals** & marscescent leaves not 3 nerved.



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Hulten Family

Caryophyllaceae

Hulten Name

*Minuartia rubella**

Hulten page

433

Accepted

no

Botanical Name

Common Name

Family

Sambucus racemosa pubens

Red-berried Elder

Adoxaceae

Red-berried Elder- A shrub, with opposite leaves. Twigs are warty, soft and pithy inside. Flowers and juice edible. **Caution:** seeds are poisonous, causing diarrhea & vomiting.



Hulten Family

*Caprifoliaceae**

Hulten Name

Sambucus racemosa

Hulten page

841

Accepted

yes

Botanical Name

Sanguisorba canadensis latifolia

Common Name

Sitka Burnet

Family

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

Rosaceae

Hulten Name

*Sanguisorba stipulata**

Hulten page

633

Accepted

no

Botanical Name

Sanguisorba menziesii

Common Name

Menzies' burnet

Family

Rosaceae

Menzies' burnet- Spikes short, rounded, red. Stamens 2-3 x longer than sepals. Filaments flattened



Hulten Family

Rosaceae

Hulten Name

Sanguisorba Menziesii

Hulten page

633

Accepted

yes

Botanical 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

Botanical Name

Common Name

Family

Saxifraga tricuspidata

Prickly Saxifrage

Saxifragaceae

Prickly Saxifrage (*S. tricuspidata*)- White flowers w/ lavender spots. **"Evergreen leaves"** Leaf tips w/ **3 sharp spiny teeth**. become very red in winter, return to green in summer. vs Yellow Spotted Saxifrage- Densely caespitose, **clusters of small single spine tipped leaves in a sausage-like shape**. Petals white or cream-colored w/ yellow spots.



Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga tricuspidata

571

yes

Botanical Name

Senecio triangularis

Common Name

Triangular-leaved

Family

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

Asteraceae

Hulten Name

Senecio triangularis

Hulten page

934

Accepted

yes

Botanical 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

Botanical 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

Botanical Name

Common Name

Family

Tofieldia coccinea

Northern False Asphodel

Tofieldiaceae

Northern False Asphodel (*T. coccinea*)- **Stem w/ 1-2 (or more leaves) mostly 5 nerved.** Flowers greenish-white, **tinged w/ red.** Mostly alpine dry places, especially ridge lines.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Liliaceae**

Tofieldia coccinea

304

no

Botanical Name

Trientalis europaea

Common Name

Star Flower

Family

Myrsinaceae

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



Hulten Family

Primulaceae

Hulten Name

Trientalis europaea

Hulten page

751

Accepted

yes

Botanical 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

Botanical Name

Common Name

Family

Vaccinium cespitosum

Dwarf Blueberry

Ericaceae

Dwarf Blueberry **Twigs rounded. Plant small, <40 cm tall, Leaf margins finely toothed.** vs Bog Blueberry- Twigs rounded. Plant small, <40 cm tall. **Leaf margins entire (not finely toothed).** vs. Early Blueberry & Red Huckleberry-Twigs angled. **Plant large, > 60 cm tall.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Vaccinium cespitosum

732

yes

Botanical 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.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Vaccinium uliginosum

734

yes

Botanical 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

Botanical 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**

Botanical Name**Common Name****Family*****Valeriana sitchensis*****Sitka Valerian*****Valerianaceae***

Sitka Valerian (*V. sitchensis*)- larger (18-24"), upper stem leaves petiolated 3-5 foliated. Bractlets ciliate. buds Pink-white, turning white in bloom vs. Capitata 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.



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Hulten Family**Hulten Name****Hulten page****Accepted*****Valerianaceae******Valeriana sitchensis*****846****yes**

Botanical 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

Liliaceae

Hulten Name

Veratrum viride eschscholtzii

Hulten page

306

Accepted

yes

Botanical 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.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Veronica Wormskjoldii

802

yes

Botanical Name

Common Name

Family

Viola epipsila repens

Marsh Violet

Violaceae

Marsh Violet (*V. epipsila* ssp. *repens*) **leaves glabrous top and bottom**, leaf sinuses not as deep, **lobes not overlapping** vs. Woodland Violet (*V. selkirkii*) **leaves pubescent above**, glabrous below, w/ deep sinuses, **lobes often overlapping**.



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Hulten Family

Hulten Name

Hulten page

Accepted

Violaceae

Viola epipsila

683

yes

Botanical 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

Botanical Name

Common Name

Family

Viola renifolia

White Violet

Violaceae

White Violet (*V. renifolia*)- woodland clumping growth. Flowers small white. Leaves glabrous w/ open sinus (flowers before others).



Hulten Family

Hulten Name

Hulten page

Accepted

Violaceae

Viola renifolia

683

yes

Polytrichum juniperinum

Juniper Hair-cap Moss

Polytrichaceae

Hair-cap Moss- four in Anchorage area. Juniper Haircap (*P. juniperinum*) - stems are reddish with **grey-green leaves that have a distinctive red-brown tip. Usually on mineral soil. Stems brownish tomentose only near base; capsules to 2 times longer than broad.** vs. Common Haircap (*P. commune*) - leaves w/ green tip w/o long hyaline awn. On moist organic soils. vs. White-awned haircap (*P. piliferum*) - stems reddish. **Leaf sheaths ovate, abruptly contracted to a long green tip w/ hyaline awn. sites that are open, dry and acidic, such as in shallow soil** vs. *P. strictum* - Folded leaf margins and short reddish leaf tips. **Stems densely whitish tomentose; capsules cubic.**



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Hulten Family

Hulten Name

Hulten page

Accepted

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yes