

A Guide to Common Plants of the Sadlerochit Mountains

The Sadlerochit Mountains of northeast Alaska are botanically diverse, featuring over 420 vascular plants. A small portion of these plants are represented in this guide with photos and field ID notes. Plants are listed by scientific name consistent with the Flora of Alaska Project and cross-referenced to Hulten's 1968 *Flora of Alaska and Neighboring Territories*. About 70 plants are verified by physical specimens held at the UAA & UAF herbaria, determined by Carolyn Parker. A big thank you to Carolyn.

A complete checklist of plants (names only) and booklet of general information about the area is available at the Alaska Native Plant Society website: <https://aknps.org>. All photos and field ID notes in this guide are copyrighted to Dennis Ronsse.

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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

Aconitum delphiniifolium paradoxum

Larkspurleaf Monkshood

Ranunculaceae

A. delphiniifolium ssp. *paradoxum*- single flowered, alpine & arctic.



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Hulten Family

Ranunculaceae

Hulten Name

Aconitum paradoxum

Hulten page

460

Accepted

no

Scientific Name

Common Name

Family

Andromeda polifolia ssp. pumila

Bog Rosemary

Ericaceae

Bog Rosemary- Small dark evergreen shrub. Leaves thick, long, narrow, gray-green above, silvery-white below, edges rolled under. Flowers pink urn-shaped. Very poisonous, neurotoxin, causes nausea, problems breathing, lowering of blood pressure (possible confusion w/ Labrador Tea).



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Andromeda polifolia

727

yes

Scientific Name

Common Name

Family

Androsace chamaejasme ssp andersonii

Rock Jasmine

Primulaceae

Rock Jasmine- Flowering stems single from a basal rosette of hairy leaves. Long petals (corolla much longer than calyx).



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae

Androsace chamaejasme ssp lehmanniana

744

yes

Scientific Name

Common Name

Family

Androsace septentrionalis

Pygmy-flower rock-jasmine

Primulaceae

Pygmy-flower rock-jasmine (*A. septentrionalis*)- Early delicate inconspicuous white / pink flowers on long flowering stalks branching near the top vs Alaska Dwarf Primrose (*Douglasia alaskana*)- Flowering stalks very long, **arising from basal rosette, no primary scape**. More alpine.



Hulten Family

Hulten Name

Hulten page

Accepted

*Ericaceae**

Androsace septentrionalis

745

no

Scientific Name

Common Name

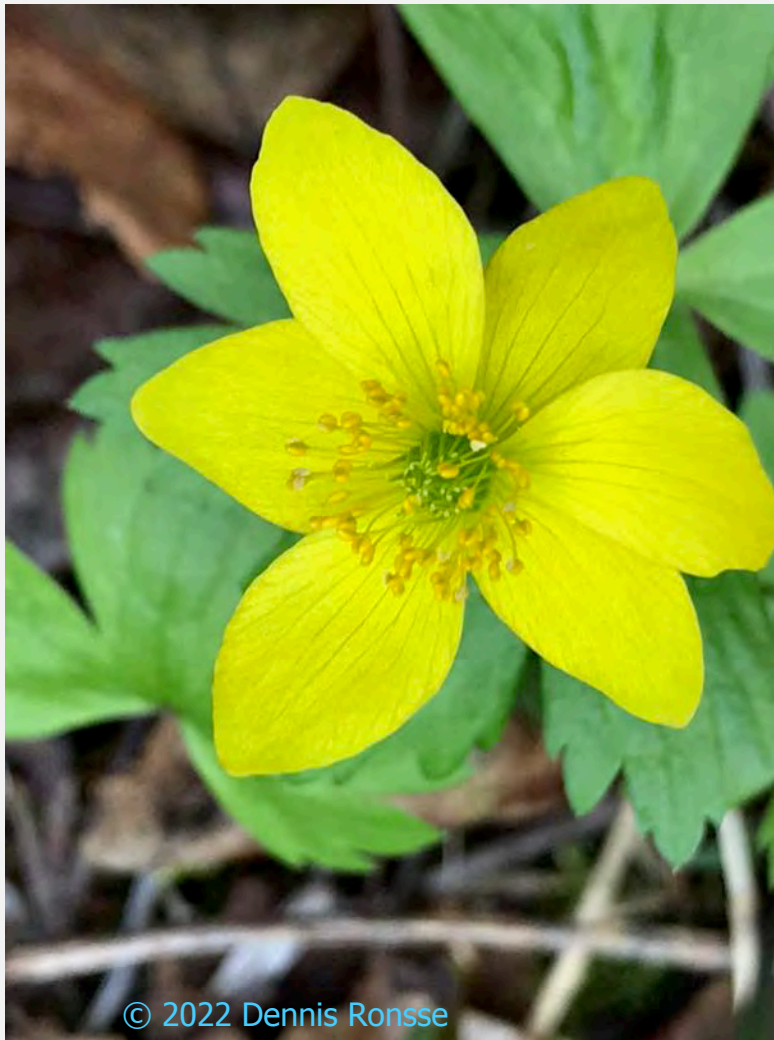
Family

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

Anticlea elegans

Common Name

Death Camas

Family

Melanthiaceae

Death Camas- Leaves appear in early spring, sedge-like appearance. Poisonous, Okanagan people used the mashed bulb as arrow tip poison.



Hulten Family

*Liliaceae**

Hulten Name

*Zygadenus elegans**

Hulten page

305

Accepted

no

Scientific Name

Arabidopsis kamchatica

Common Name

Kamchatka Rockcress

Family

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

Brassicaceae

Hulten Name

*Arabis lyrata**

Hulten page

545

Accepted

no

Scientific Name

Common Name

Family

Arctanthemum arcticum arcticum

Arctic Daisy

Asteraceae

Arctic Daisy- Large white flowers w/ yellow centers.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Chrysanthemum arcticum ssp arcticum**

893

no

Scientific 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

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.



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Arctostaphylos alpina**

730

no

Scientific Name

Common Name

Family

Arctous rubra

Red Alpine Bearberry

Ericaceae

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



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

*Arctostaphylos rubra**

730

no

Scientific Name

Armeria scabra

Common Name

Thrift

Family

Plumbaginaceae

Thrift- Forming dense tussocks. Leaves gray-green linear. flowers in dense hemispheric glomerules. Petals pink to purple.



Hulten Family

Plumbaginaceae

Hulten Name

*Armeria maritima**

Hulten page

752

Accepted

no

Scientific Name

Common Name

Family

Arnica angustifolia

Narrow-leaf Arnica

Asteraceae

Alpine Arnica- Anthers yellow. Flowers erect (not nodding). Stem leaves 1–5 pairs, tapering to long point (lengths 2.5–10 times widths). Petioles relatively broadly to narrowly winged, lengths shorter than blades. vs Frigid Arnica stem leaves wider and tapering quickly to short pointed tip.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Arnica alpina var *angustifolia**

923

no

Scientific Name

Common Name

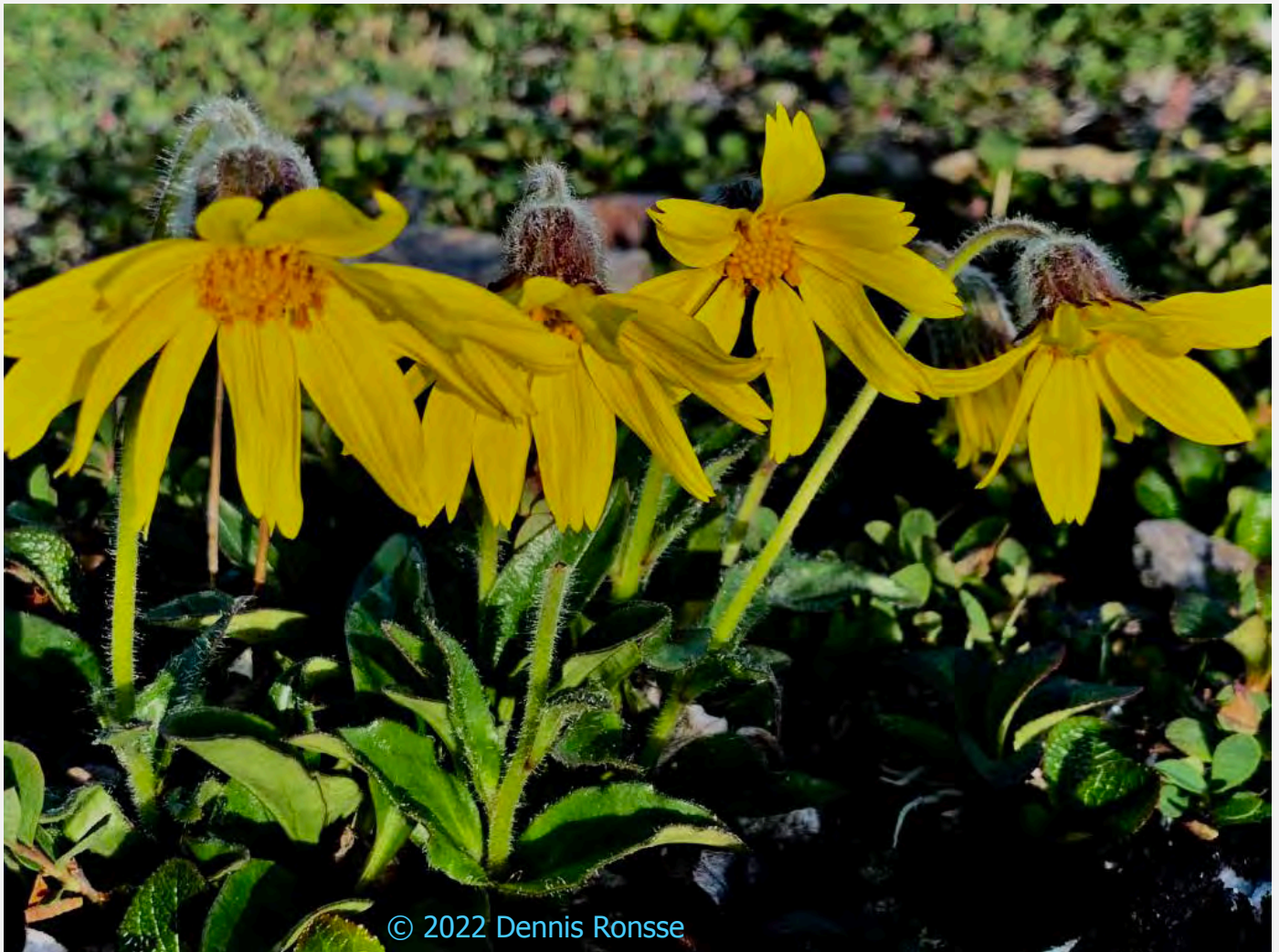
Family

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).



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Arnica frigida

917

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

Artemisia borealis

Wormwood

Asteraceae

Boreal Sage (*A. borealis*)- Caespitose (not matted). **Leaves mostly basal gray-green to white, silvery-hairy, tips often w/ long tufts of hair.** Lower bracts 2-3 forked tips vs. Forked Wormwood (*A. furcata*)- Caespitose (not matted), **stem leaves reduced, 1-3x palmately lobed, tips w/o tufts of hair. Bracts long, linear, entire.**



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Artemisia borealis**

910

no

Scientific Name

Common Name

Family

Artemisia comata

Boreal sagebrush

Asteraceae

A. comata- Inflorescence lanate, spike-like; lower peduncles short, leaves w/ broad rachis (N. Slope) vs. *A. arctica ssp arctica*- Inflorescence glabrate or sparingly villous. lower peduncles elongate, leaves w/ narrow rachis (State-wide).



Hulten Family

Hulten Name

Hulten page

Accepted

*Artemisia arctica ssp comata**

907

no

Scientific Name

Common Name

Family

Artemisia frigida

Fringed Sage

Asteraceae

Fringed Sage (*A. frigida*)- **Strongly aromatic, Silvery mats or mounds, basal & stem leaves similar, divided into 3's, silvery-silky-hairy, fine segments, ultimate segment fine linear** vs. Forked Wormwood (*A. furcata*)- Faintly aromatic. **Caespitose (not matted), stem leaves reduced. Bracts long, linear, entire.**



Hulten Family

Asteraceae

Hulten Name

Artemisia frigida

Hulten page

904

Accepted

yes

Scientific Name

Common Name

Family

Artemisia furcata

Forked Wormwood

Asteraceae

Forked Wormwood (*A. furcata*)- Faintly aromatic. **Caespitose (not matted), Receptacle glabrous. stem leaves reduced, 1-3x palmately lobed, tips w/o tufts of hair. Bracts long, linear, entire** vs Fringed Sage (*A. frigida*)- **Strongly aromatic. Silvery mats or mounds, basal & stem leaves similar, divided into 3's, silvery-silky-hairy, fine segments** vs. Boreal Sage (*A. borealis*)- Caespitose (not matted). **Receptacle pubescent. Leaves mostly basal gray-green to white, silvery-hairy, tips often w/ long tufts of hair. Lower bracts 2-3 forked tips.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Artemisia furcata

910

yes

Scientific Name

Common Name

Family

Artemisia globularia

Purple Wormwood

Asteraceae

Purple Wormwood (*A. globularia*)- **Flowers very dark purplish / black, corollas glabrous**, Green leaves, sparsely hairy vs. *Congested Sagewort* (*A. glomerata*)- **Flowers yellow, corollas usually hairy**.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Artemisia globularia

897

yes

Scientific Name

Artemisia glomerata

Common Name

Congested Sagewort

Family

Asteraceae

Purple Wormwood (*A. globularia*)- **Flowers very dark purplish / black, corollas glabrous**, Green leaves, sparsely hairy vs. *Congested Sagewort* (*A. glomerata*)- **Flowers yellow, corollas usually hairy**.



Hulten Family

Hulten Name

Artemisia glomerata

Hulten page

898

Accepted

yes

Scientific Name

Common Name

Family

Artemisia kruhsiana alaskana

Siberian Wormwood

Asteraceae

A. kruhsiana alaskana- Flowering stems taller (15-60 cm), woody base from last year. Leaves mostly basal, palmately 3-lobed or twice divided into 3's. Receptacles hairless. **Stem leaves divided** vs. *A. furcata*- Flowering stems shorter (7-35 cm) arising directly from non-woody rhizome or stem base. Receptacles hairless vs. *A. frigida*- receptacle w/ long hairs. Very fragrant.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Artemisia alaskana**

905

no

Scientific Name

Common Name

Family

Artemisia tilesii

Tilesius' wormwood

Asteraceae

Tilesius' wormwood (*A. Tilesii*)- **Leaves deeply cut 3-5 lobes smooth & green on top & silvery beneath. Very aromatic.** Frequently used by Yup'ik people for respiratory problems, sore throats, colds, and incense (called Caiggluk). Also called Caribou Weed in some places because leaf shape resembles antlers.



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Artemisia Tilesii

902

yes

Scientific Name

Common Name

Family

Askellia pygmaea

Dwarf Alpine Hawk's Beard

Asteraceae

Dwarf Alpine Hawk's Beard (*Askellia pygmaea*)- Low tufted alpine plant. Mostly basal leaves, long stalked, egg to spoon shaped tips, often purplish below, glaucous green above. Flowers yellow.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Crepis nana**

956

no

Scientific Name

Common Name

Family

Astragalus alpinus alpinus

Alpine Milkvetch

Fabaceae

Alpine Milkvetch- Flowers 5-25, **white near base, blue to lavender at the tip** (sometimes almost all blue). **Wing petals not notched** vs. *A. aboriginum* Flowers 10-20, **yellowish, whitish, purplish**. **Petal wings bidentate at tip**, longer than keel. Racemes compact but soon elongating. Stipules large, obtuse at base. Legumes curved, not completely circular, swollen, gray & mostly glabrous, short stalked within calyx.



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Hulten Family

Fabaceae

Hulten Name

Astragalus alpinus

Hulten page

649

Accepted

yes

Scientific Name

Common Name

Family

Astragalus eucosmus

Elegant Milkvetch

Fabaceae

Elegant Milkvetch- Tall, erect or ascending with elongated racemes. Flowers purple. Pods sessile (or nearly so), short (about 1 cm) and densely black-hirsute. Leaves glabrous above, canescent below.



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Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Astragalus eucosmus

648

yes

Scientific Name

Astragalus nutzotinensis

Common Name

Sickle Milkvetch

Family

Fabaceae

Sickle Milkvetch- *A. nutzotinensis* few flowered, prostrate, **Stipules clasping**.



Hulten Family

Fabaceae

Hulten Name

Astragalus nutzotinensis

Hulten page

651

Accepted

yes

Scientific 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

Scientific Name

Common Name

Family

Betula glandulosa

Dwarf Birch

Betulaceae

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



Hulten Family

Hulten Name

Hulten page

Accepted

Betulaceae

Betula glandulosa

365

yes

Scientific 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

Scientific Name

Bistorta plumosa

Common Name

Pink Plumes

Family

Polygonaceae

Pink Plumes- Flowers deep pink in short cylindric clusters. Dena'ina people called it "Crescent Root" for the shape of the root, which they chewed to help clean their teeth after eating fish eggs.



Hulten Family

Polygonaceae

Hulten Name

*Polygonum bistorta ssp pluosum**

Hulten page

385

Accepted

no

Scientific Name

Common Name

Family

Bistorta vivipara

Alpine Meadow Bistort

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

Hulten Name

Hulten page

Accepted

Polygonaceae

*Polygonum viviparum**

385

no

Scientific Name

Common Name

Family

Boykinia richardsonii

Bearflower

Saxifragaceae

Bearflower & *Equisetum* are the most important foods for grizzly bears in Yukon.



Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Boykinia richardsonii

562

yes

Scientific Name

Common Name

Family

Bupleurum americanum

Thoroughwax

Apiaceae

Thoroughwax (*B. americanum*- involucl bractlets similar in length to flowers or fruits, or surpassing them by less than 2 mm vs. *B. arcticum*- involucl bractlets surpassing flowers and fruits by 2+ mm.



Hulten Family

Hulten Name

Hulten page

Accepted

Apiaceae

*Bupleurum triradiatum**

698

no

Scientific Name

Common Name

Family

Bupleurum arcticum

Thoroughwax

Apiaceae

Thoroughwax (*B. arcticum*)- involucl bractlets surpassing flowers and fruits by 2+ mm vs. *B. americanum*- involucl bractlets similar in length to flowers or fruits, or surpassing them by less than 2 mm.



Hulten Family

Apiaceae

Hulten Name

*Bupleurum triradiatum ssp arcticum**

Hulten page

698

Accepted

yes

Scientific Name

Common Name

Family

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.**



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Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Cassiope tetragona

725

yes

Scientific Name

Castilleja elegans

Common Name

Elegant Paintbrush

Family

Orobanchaceae

Elegant Paintbrush- flowers rose to purplish. Leaves entire (or upper leaves w/ a pair of side lobes).



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Hulten Family

*Scrophulariaceae**

Hulten Name

Castilleja elegans

Hulten page

811

Accepted

yes

Scientific Name

Common Name

Family

Castilleja hyperborea

Northern Paintbrush

Orobanchaceae

Northern Paintbrush (*C. hyperborea*)- Flowers yellow, **leaves mostly w/ 1-2 pairs of long slender side lobes** vs. Pale Paintbrush (*C. caudata*)- flowers yellow, **leaves not divided**.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Castilleja hpyerborea

812

no

Scientific Name

Common Name

Family

Castilleja pallida caudata

Pale Paintbrush

Orobanchaceae

Pale Paintbrush (*Castilleja caudata*) flowers yellow, **leaves not divided**. vs Northern Paintbrush (*C. hyperborea*)- Flowers yellow, **leaves mostly w/ 1-2 pairs of long slender side lobes**.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

*Castilleja caudata**

809

no

Scientific Name

Common Name

Family

Cerastium beeringianum grandiflorum

Bering Chickweed

Caryophyllaceae

Bering Chickweed (*C. beeringianum*)- Leaves wider, less hairy **w/o small axillary tufts (of leaves) at base up uppermost leaves.** ssp *beeringianum* petals about as long as sepals vs. ssp *grandiflorum* petals 2x as long as sepals vs. Mouse-eared Chickweed (*C. arvense*)- Leaves narrow, hairy, silvery **w/ small axillary tufts (of leaves) at base up uppermost leaves.**



Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

Cerastium beeringianum var. *grandiflorum*

422

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

Scientific Name

Cherleria arctica

Common Name

Arctic Sandwort

Family

Caryophyllaceae

Arctic Sandwort (*C. arctica*)- Petals 1.5 - 2x longer than sepals. Leaves narrower, linear to oblong, 3-angled, submarine-shaped, 1 veined, margin w/ short cilia. Capsules 3-10mm, equaling or slightly longer than sepals. Plant more loosely sprawling. CPNWH shows no collections around Anchorage or Mat-Su vs. *P. macrocarpa*- Petals much longer than sepals. Leaves Flat, linear to lance shaped, 3 nerved. Capsules 10-18mm, >2x length of sepals.



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Hulten Family

Caryophyllaceae

Hulten Name

*Minuartia arctica**

Hulten page

430

Accepted

no

Scientific Name

Common Name

Family

Cherleria biflora

Mountain Stitchwort

Caryophyllaceae

Mountain Stitchwort (*C. biflora*)- **Leaves flat, Flowers 3-5**, Petals only slightly longer than sepals
Capsule 5-6mm vs. Longpod Sandwort- **Petals > 2x longer than sepals. Leaves flat, linear to lance shaped, 3 nerved, margin w/ long cilia. Capsules 10-18mm, >2x length of sepals.** Most common Sandwort around Anchorage vs Arctic Sandwort- **Flowers single, leaves 3 angled.** Petals slightly longer than sepals. Capsule 9-10mm.



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Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

*Minuartia biflora**

431

no

Scientific Name

Common Name

Family

Cherleria obtusiloba

Alpine Sandwort

Caryophyllaceae

Alpine Sandwort leaves not ciliated, rounded spruceneedle-like. Flowers 1 per stalk, Petals rather short (5mm). Stems very glandular. vs other sandworts w/ larger flowers and more per stalk, or leaves w/ cilia.



Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

*Minuartia obtusiloba**

430

no

Scientific Name

Common Name

Family

Chrysosplenium wrightii

Golden Saxifrage

Saxifragaceae

C. wrightii- calyx purple mottled, petioles reddish pubescent. Stamens 8 vs *C. tetrandrum* calyx mostly green, petioles not purplish pubescent. Stamens 4.



Hulten Family

Saxifragaceae

Hulten Name

Chrysosplenium wrightii

Hulten page

587

Accepted

yes

Scientific Name

Common Name

Family

Corallorhiza trifida

Early Coral Root

Orchidaceae

Early Coral Root- no leaves, saprophyte, most of its nutrients from decaying organic matter through a parasitic relationship with a fungal mycelium.



Hulten Family

Hulten Name

Hulten page

Accepted

Orchidaceae

Corallorhiza trifida

329

yes

Scientific 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

Hulten Name

Hulten page

Accepted

Ranunculaceae

Delphinium glaucum

459

yes

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.



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Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae*

*Diapensia lapponica ssp obovata**

736

no

Scientific Name

Common Name

Family

Dodecatheon frigidum

Northern Shootingstar

Primulaceae

Northern Shootingstar- **Filament tube not visible** Leaves spade to egg-shaped, squared off at the base. most of AK vs. Few Flowered Shootingstar (*D. pulchellum*)- **Filament tube prominent, orange** (2 ssp in AK) vs. Jeffrey Shooting Star (*D. jeffreyi*)- **Filament tube not visible** Leaves gradually narrow to a broad petiole. SE & SC Coast of AK.



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae

Dodecatheon frigidum

749

yes

Scientific Name

Common Name

Family

Douglasia ochotensis

Alaska Dwarf Primrose

Primulaceae

Alaska Dwarf Primrose (*D. ochotensis*)- appears somewhat like Moss Champion (*S. acaulis*), but Dwarf Primrose has leaves prominently recurved, blade with simple hairs. Found in the Brooks Range.



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae

Douglasia ochotensis

742

yes

Scientific Name

Draba corymbosa

Common Name

Baffin Bay Draba

Family

Brassicaceae

Draba corymbosa- **Petals yellow, 4-6 mm long.** Stem leaves 0. **Underside of leaf w/ simple trichomes.** Fruits densely hairy.



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Hulten Family

Brassicaceae

Hulten Name

*Draba macrocarpa**

Hulten page

530

Accepted

no

Scientific Name

Draba lactea

Common Name

Milky Draba

Family

Brassicaceae

D. lactea **Petals white. Stem leaves 0 (rarely, 1 as a bract). Dwarf (5-10cm tall) turfy places on tundra, glabrous or nearly so,** leaves merely ciliated or hairy w/ star like hairs concentrated at apex (CPNWH Upper Snowhawk Lake)



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Hulten Family

Brassicaceae

Hulten Name

Draba lactea

Hulten page

527

Accepted

yes

Scientific Name

Common Name

Family

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

Scientific Name

Common Name

Family

Draba palanderiana

Palander's draba

Brassicaceae

FNA: Many North American collections of *Draba palanderiana* have been misidentified as *D. nivalis*. The species is easily separated from *D. nivalis* by having ciliate (versus non-ciliate) bases of basal leaves, larger petals ($4.5-5.5 \times 2-3$ versus $2-3.5 \times 0.8-1.4$ mm) that are pale yellow or cream (versus white), and longer fruiting pedicels 4-10 [versus 1-4.5(-8)] mm. Also flowering stalk hairy at the base, glabrous at the top vs. *D. nivalis* hairs all the way to the top.



Hulten Family

Hulten Name

Hulten page

Accepted

Draba palanderiana

527*

yes

Scientific Name

Common Name

Family

Dryas alaskensis

Alaska Mountain Avens

Rosaceae

Alaska Mountain Avens- **feathery hairs & stipate-glands absent on leaf underside. sinuses of margins 45–60% to midvein. vs. *D. ajanensis* Feathery hairs and stipitate glands abundant along midveins abaxially. sinuses 5–25% to midvein vs. *D. hookeriana* leaf sinuses 5–25%. Leaf underside mid-vein w/ abundance of stipate glands, no feathery hairs.** (need magnification & hybrids occur).



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

*Dryas octopetala ssp alaskensis**

631

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.



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Hulten Family

*Empetraceae**

Hulten Name

Empetrum nigrum

Hulten page

716

Accepted

yes

Scientific Name

Common Name

Family

Erigeron compositus

Dwarf Mountain Fleabane

Asteraceae

Dwarf Mountain Fleabane- **Narrowly divided ternate leaves.** Very early leaves & flowers.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Erigeron compositus

862

yes

Scientific Name

Common Name

Family

Erigeron eriocephalus

Oneflower Fleabane

Asteraceae

E. humilis & *E. uniflorus eriocephalus*- Leaves all entire. Inv bracts can be very hairy (or not in *E. uniflorus*). *E. humilis*- Crosswalls purplish. vs *E. uniflorus*- Crosswalls clear or sometimes reddish. (*E. denalii* & *E. purpuratus*- some leaf tips lobed).



Hulten Family

Asteraceae

Hulten Name

Erigeron eriocephalus

Hulten page

864

Accepted

yes

Scientific Name

Common Name

Family

Erigeron humilis

Arctic Alpine Fleabane

Asteraceae

E. humilis & *E. uniflorus*- Leaves all entire. Bracts very hairy. *E. humilis*- Crosswalls purplish. *E. uniflorus*- Crosswalls clear or sometimes reddish. (*E. denalii* & *E. purpuratus*- some leaf tips lobed).



Hulten Family

Asteraceae

Hulten Name

Erigeron humilis

Hulten page

864

Accepted

yes

Erigeron muirii

Muir's Fleabane

Asteraceae

E. yukonensis, *E. porsildii*, *E. hyperboreus* & *E. muirii*- All 4 w/ large spreading ray flowers 5-13+ mm long. ***E. muirii*** - entire plant covered w/ dense gray hair, entire plant appears grey-green. ***E. hyperboreus***- crosswalls blackish to dark purple. vs. ***E. yukonensis*** & ***E. porsildii***-Crosswalls reddish to reddish purple. ***E. yukonensis***- lower leaves narrowly lance-shape. Flowerheads 1-2 (4) from mid-stem branches. vs. ***E. porsildii***- Lower leaves lance-oblong to egg- or spoon-shaped. Flowerheads 1. Hairs of involucre bracts whitish w/ o colored crosswalls. Ray flowers 13-17 mm long.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Erigeron grandiflorus ssp *Muirii**

866

no

Erigeron porsildii

Porsild's Daisy

Asteraceae

E. yukonensis, *E. porsildii*, *E. hyperboreus* & *E. muirii*- All 4 w/ large spreading ray flowers 5-13+ mm long. ***E. hyperboreus***- crosswalls blackish to dark purple. vs. ***E. yukonensis* & *E. porsildii***- Crosswalls reddish to reddish purple. ***E. yukonensis***- lower leaves narrowly lance-shape. Flowerheads 1-2 (4) from mid-stem branches. vs. ***E. porsildii***- Lower leaves lance-oblong to egg- or spoon-shaped. Flowerheads 1. Hairs of involucral bracts whitish w/ o colored crosswalls. Ray flowers 13-17 mm long. vs. ***E. muirii***- entire plant covered w/ dense gray hair, entire plant appears grey-green.



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Hulten Family

Asteraceae

Hulten Name

Erigeron grandiflorus ssp. *arcticus**

Hulten page

865

Accepted

no

Scientific Name

Common Name

Family

Eriophorum brachyantherum

Northland Cotton-grass

Cyperaceae

E. brachyantherum **Spikelets solitary. Densely tufted.** Fairly tall, 30-40cm. Bristles white. **Scales grayish to greenish, not translucent** vs. *E. vaginatum* w/ translucent scales "Tussok" of N. Slope.



Hulten Family

Cyperaceae

Hulten Name

Eriophorum brachyantherum

Hulten page

204

Accepted

yes

Scientific Name

Common Name

Family

Eriophorum chamissonis

Rusty Cotton-grass

Cyperaceae

Rusty Cotton Grass (*E. chamissonis*- **Bristles slightly rusty colored. Scales w/ hyaline margins. Spikes oval shaped.**



Hulten Family

Hulten Name

Hulten page

Accepted

Cyperaceae

*Eriophorum russeolum ssp. rufescens**

202

no

*Eriophorum vaginatum vaginatum***Tussock Cotton-grass***Cyperaceae*

Tussock (*Eriophorum vaginatum*)- Tall compact tussocks. Spikes single, globose. Scales w/ darker center



Scientific Name

Common Name

Family

Eritrichium aretioides chamissonis

Forget-Me-Not

Boraginaceae

Eritrichium aretioides chamissonis- densely tufted, covered by dense gray hairs. Flowers scarcely exceeding leaves.



Hulten Family

Hulten Name

Hulten page

Accepted

Boraginaceae

Eritrichium Chamissonis

774

no

Scientific Name

Common Name

Family

Geum glaciale

Glacier Avens

Rosaceae

Glacier Avens- Plant with long silky hairs, flowers very large, found on stony dry heaths, flowers very early, seed heads look like fuzzy golf balls.



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Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Geum glaciale

628

yes

Scientific Name

Common Name

Family

Hedysarum hedysaroides

Bear-root

Fabaceae

Bear-root (*H. hedysaroides*)- upper teeth of calyx tube triangular, shorter than lower teeth. Leaves w/ prominent lateral veins. Inflorescence short. **Flowers 15-18mm, spreading, dark purple** (some consider it an alpine variety of *H. americanum* / *alpinum*).



Hulten Family

Leguminosae

Hulten Name

Hedysarum hedysaroides

Hulten page

668

Accepted

yes

Scientific Name

Common Name

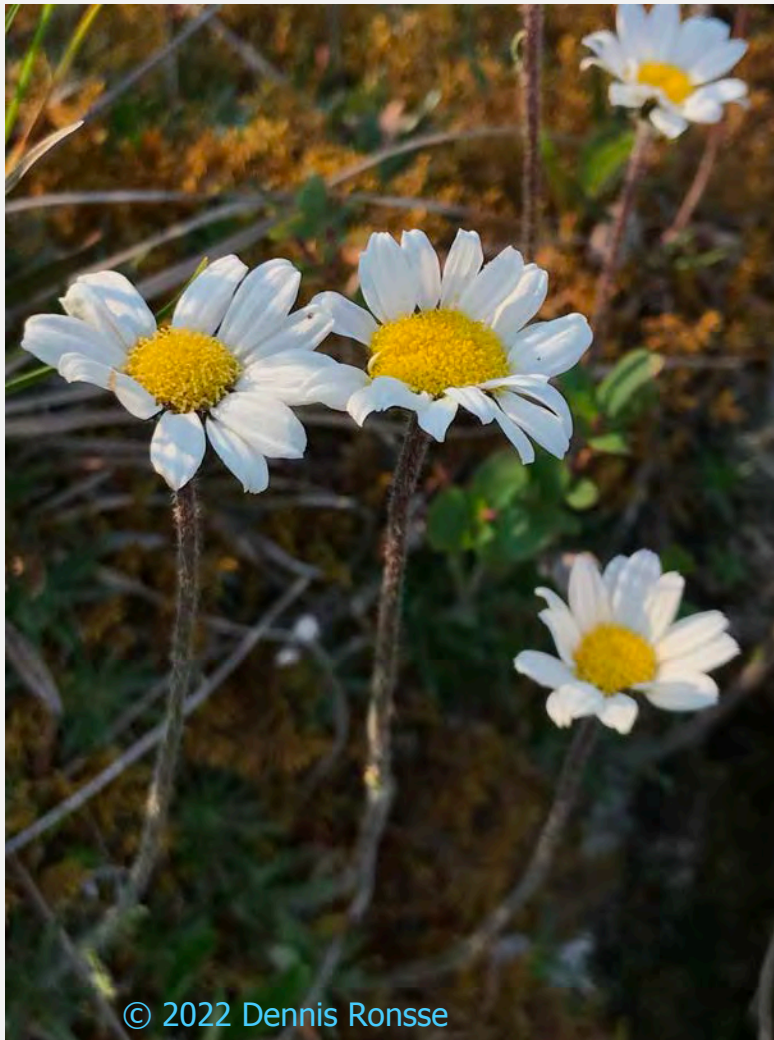
Family

Hulteniella integrifolia

Entire-leaf Daisy

Asteraceae

Entire-leaf Daisy- large flowers w/ white ray flowers, yellow centers. Basal leaves linear, entire. Northern AK, gravel, solifluction & slopes.



Hulten Family

Asteraceae

Hulten Name

*Chrysanthemum integrifolium**

Hulten page

895

Accepted

no

Scientific Name

Common Name

Family

Lagotis glauca lanceolata

Weasel Snout

Plantaginaceae

Weasel Snout (*Lagotis glauca*)- *ssp lanceolata* has leaves more narrow than *ssp glauca*.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

*Lagotis glauca minor**

804*

no

Scientific Name

Common Name

Family

Lupinus arcticus arcticus

Arctic lupine

Fabaceae

Arctic lupine- long petioles, more than 2x the leaf diameter. Leaves pointed, glabrous above vs. *L. kuschei*- leaves densely pubescent on both sides.



Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Lupinus arcticus ssp. arcticus

636

yes

Scientific Name

Orthilia secunda

Common Name

Sidebells Wintergreen

Family

Ericaceae

Sidebells Wintergreen (*O. secunda*)- **thinner more pointed leaves** than other Wintergreens, **very small green bell-shaped flowers on one side of curved stem** vs. Pink Pyrola w/ round leaves and pink flowers.



Hulten Family

Pyrolaceae

Hulten Name

*Pyrola secunda ssp secunda**

Hulten page

713

Accepted

no

Scientific Name

Common Name

Family

Oxytropis arctica arctica

Arctic Locoweed

Fabaceae

Arctic Locoweed- Plants **not glandular-warty or sticky**. Flowers vary dark purple, pink, blueish or white vs Sticky Locoweed (*O. borealis*)-- Plants **glandular-warty and usually sticky**. Flowers vary pink-purple or blueish (occasionally yellowish).



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Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Oxytropis arctica

659.2

yes

Scientific Name

Common Name

Family

Oxytropis borealis

Sticky Locoweed

Fabaceae

Sticky Locoweeds: 2 in AK are glandular warty, usually sticky. Flowers purplish blue or cream-white. *O. borealis*-calyx & legume w/ mostly black hairs. Leaflets mostly less than 25 vs *O. viscida*- calyx with a mixture of white and black hairs. Leaflets mostly more than 25. vs Arctic Locoweed- Plants **not glandular-warty or sticky**. Flowers vary dark purple, pink, blueish or white. *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

Oxytropis borealis

667

yes

Scientific 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

Scientific Name

Common Name

Family

Oxytropis jordalii

Yellow Locoweed

Fabaceae

O. jordalii- Racemes fewer than 10 yellowish whitish, or purple tinted blooms. Leaves 9-17 foliate, glabrous above. Calyx hairs grayish. Pods w/ short dense black indument vs. *O. varians (campestris)*- Racemes 16-25 yellow blooms. Leaves 19-45 foliate, pilose both sides. Calyx hairs black & white. Pods w/ mixed black & white hair. Both previously considered ssp of *O. campestris*.



Hulten Family

Fabaceae

Hulten Name

Oxytropis campestris var *jordalii**

Hulten page

664

Accepted

no

Scientific Name

Common Name

Family

Oxytropis maydelliana

Maydell's Locoweed

Fabaceae

Maydell's Oxytrope- **Rusty colored stipules at the base of the stem** vs. vs Field Oxytrope- **tan colored stipules** at the base of the stem.



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Hulten Family

Hulten Name

Hulten page

Accepted

Fabaceae

Oxytropis Maydelliana

658

yes

Scientific Name

Common Name

Family

Oxytropis viscida

Sticky Oxytrope

Fabaceae

Sticky Locoweeds: 2 in AK are glandular warty, usually sticky. Flowers purplish blue or cream-white. *O. viscida*- **calyx with a mixture of white and black hairs. Leaflets mostly more than 25.** vs *O. borealis*-**calyx & legume w/ mostly black hairs. Leaflets mostly less than 25** vs Arctic Locoweed- Plants **not glandular-warty or sticky**. Flowers vary dark purple, pink, blueish or white. *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

Oxytropis viscida

666

yes

Scientific Name

Common Name

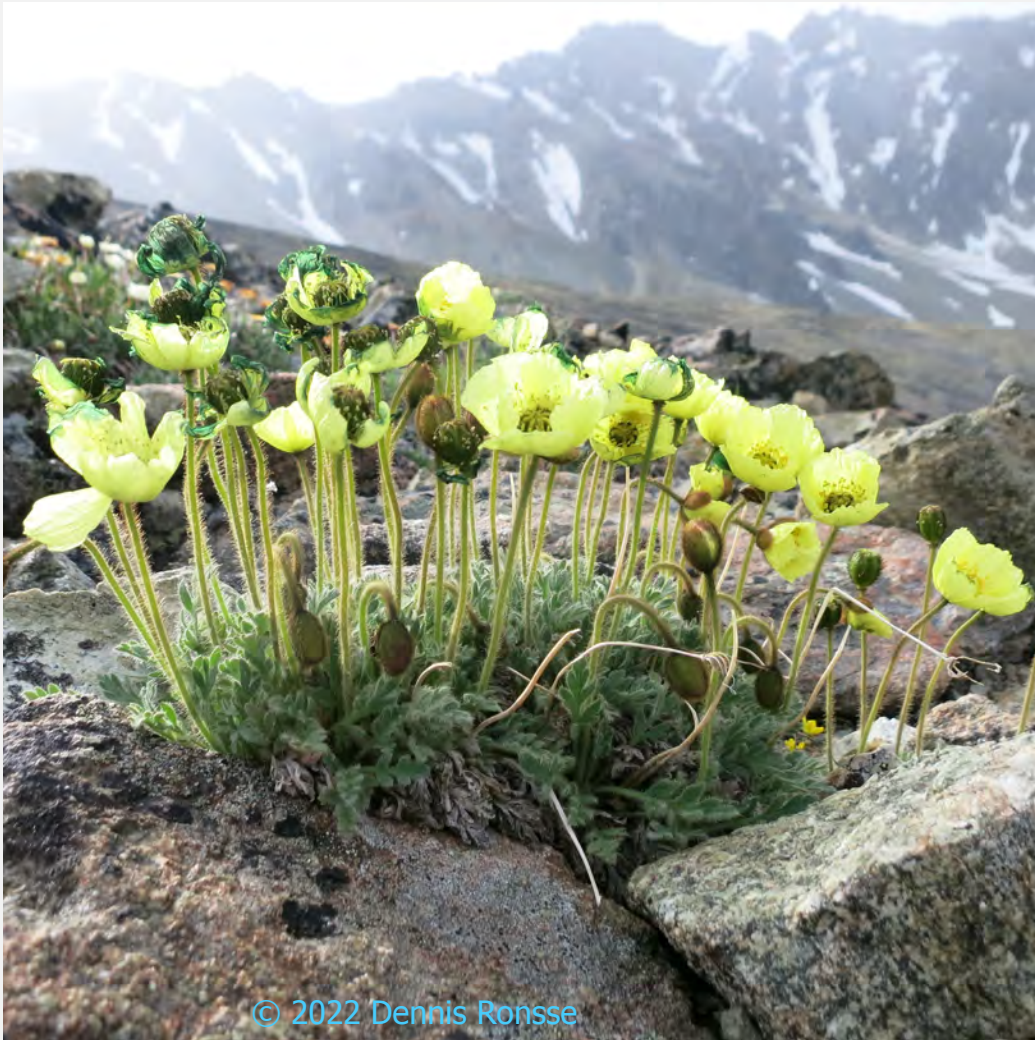
Family

Papaver hultenii

Lapland Poppy

Papaveraceae

Arctic Poppy & Lapland Poppy- (flowers yellow & brownish hair on capsule) Lapland Poppy (*Papaver hultenii*)- flowers larger than 2cm vs Arctic- flowers less than 2cm. vs. Pale Poppy- Flowers white, salmon pink or rose w/ yellow blotch at base. Hairs on capsules ivory colored.



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Hulten Family

Hulten Name

Hulten page

Accepted

Papaveraceae

Papaver radicum ssp radicum FNA*

492

yes

Scientific Name

Common Name

Family

Papaver mcconnellii

McConnell's Poppy

Papaveraceae

Papaver mcconnellii- Capsule hairs dark brown or black. Leaf blades with more than 5 primary lobes, lobes mostly divided. Scares curved, erect or decumbent, less than 15 cm, capsules obconic to subglobose. Leaf blades generally gray- and blue-green, glaucous, primary lobes obovate to strap-shaped, their apices rounded.



Hulten Family

Hulten Name

Hulten page

Accepted

Papaveraceae

Papaver mcconnellii

490

yes

Scientific Name

Common Name

Family

Parnassia palustris

Northern Grass of
Parnassus

Parnassiaceae

Northern Grass of Parnassus (*P. palustris*)- wet meadows, ditches, lake margins most of AK. pointed petals, conspicuously veined. Petals almost twice as long as sepals.



Hulten Family

Hulten Name

Hulten page

Accepted

*Saxifragaceae**

Parnassia palustris

589

no

Scientific Name

Common Name

Family

Parrya nudicaulis septentrionalis

Parry's Wallflower

Brassicaceae

Parry's Wallflower (*P. nudicaulis*)- Flowers large, showy, fragrant on ascending stalk. Petals w/ broad blade and slender stalk like base. Native people have used roots (and leaves in early spring) as food. ssp *septentrionalis*- glabrous vs. ssp *nudicaulis*- glandular leaf margins, stems & pedicels.



Hulten Family

Hulten Name

Hulten page

Accepted

Brassicaceae

Parrya nudicaulis septentrionalis

558

yes

Scientific Name

Common Name

Family

Pedicularis albolabiata

Fern-leaf Lousewort

Orobanchaceae

P. albolabiata- Typical forms with their sharply contrasting purple helmet and pure white corolla lip are immediately distinguishable from all other species. "Sudetica Group" = 4 ssp used by Hulten = 3 species used by FAK All have 1-3 alternate stem leaves, and toothed galea (hooded upper petal).



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Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis sudetica ssp. *albolabiata**

824

no

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 interior

Fern-leaf Lousewort

Orobanchaceae

P. interior- large parts of AK (not Aleutians, S. or SE coastal AK), Spikes densely lanate. **Bracts not strongly dilated. Basal bracts lacking long lobes & middle bract lacking lobes. Corolla purplish**, somewhat longer than tube & twisted. This taxa also includes Hulten's *ssp interioides* **which has strongly dilated bracts, but middle bracts lack lobes.** "Sudetica Group" = 4 ssp used by Hulten = 3 species used by FAK **All have 1-3 alternate stem leaves, and toothed galea** (hooded upper petal).



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Hulten Family

Hulten Name

Hulten page

Accepted

Scrophulariaceae*

*Pedicularis sudetica ssp. interior**

823

no

Scientific 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.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis labradorica

820

no

Scientific Name

Common Name

Family

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

Scientific Name

Common Name

Family

Pedicularis langsdorffii arctica

Langsdorf's Lousewort

Orobanchaceae

Langsdorf's Lousewort- Flowers lavender/purplish, in woolly spikes, w/ a pair of teeth in the upper corolla, elongating in age. **Stems leafy.** vs Wooly Lousewort- Flowers pinkish in dense woolly cluster, **upper corolla lip lacks teeth. Leaves mostly basal, stems not leafy.** Edible root (raw or boiled). Dry stony tundra.



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Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis Langsdorffi arctica

822

no

Scientific Name

Common Name

Family

Pedicularis oederi

Oeder's Lousewort

Orobanchaceae

Oeder's Lousewort- Flowers yellow, often maroon tipped, rather large 15-25 mm long in a spike.



Hulten Family

Hulten Name

Hulten page

Accepted

*Scrophulariaceae**

Pedicularis Oederi

826

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

Phlox alaskensis

Common Name

Alaska Phlox

Family

Polemoniaceae

Alaska Phlox- mat-forming. Leaves sharp-tipped, glandular-hairy, fringed w/ long hairs. Flowers pink or whitish to lilac, on sticky stalks vs Richardson's Phlox- Appears **much like a smaller version of Alaska Phlox**. Mostly Arctic coast, also south in parts of the Yukon and Alaska.



Hulten Family

Polemoniaceae

Hulten Name

Phlox sibirica

Hulten page

765

Accepted

yes

Scientific Name

Common Name

Family

Phlox richardsonii

Richardson's Phlox

Polemoniaceae

Richardson's Phlox- Appears much like a **smaller version of Alaska Phlox**. In addition **leaf margins are notably thickened and, at least on uppermost leaves, revolute with an abaxial groove toward the leaf tip. midvein of the sepals on is prominent and extends all the way to the tips of the sepals**. Generally known from along the Arctic coast but also ranges south in parts of the Yukon and Alaska.



Hulten Family

Hulten Name

Hulten page

Accepted

Polemoniaceae

Phlox sibirica ssp *richardsonii**

765

no

Scientific Name

Physaria arctica

Common Name

Arctic Bladderpod

Family

Brassicaceae

Bladder Pod (*Physaria arctica*)- leaves silvery from minute dense star-shaped hairs. Petals yellow, fruits round.



Hulten Family

Brassicaceae

Hulten Name

*Lesquerella arctica**

Hulten page

517

Accepted

no

Scientific Name

Common Name

Family

Pinguicula villosa

Small Butterwort

Lentibulariaceae

Small Butterwort (*Pinguicula villosa*)- Scape single, villous below, glandular above. Rosette leaves w/ revolute margins. Flowers nodding, blueish violet w/ darker lines and yellow spots at base of lower lip. Spur straight.



Hulten Family

Hulten Name

Hulten page

Accepted

Lentibulariaceae

Pinguicula villosa

830

yes

Scientific Name

Common Name

Family

Pinguicula vulgaris

Common Butterwort

Lentibulariaceae

Common Butterwort (*Pinguicula vulgaris*)- Name refers to leaves look like butter coated. leaves attract & digest insects. Scape glandular-pubescent, flowers larger vs. Small Butterwort- **villous hair on scape & smaller flowers (7mm).**



Hulten Family

Lentibulariaceae

Hulten Name

Pinguicula vulgaris

Hulten page

829

Accepted

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*****Polemonium boreale*****Northern Jacob's Ladder*****Polemoniaceae***

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

**Hulten Family****Hulten Name****Hulten page****Accepted*****Polemoniaceae******Polemonium boreale ssp boreale******768.1****no**

Scientific Name

Potentilla biflora

Common Name

Two-flowered Cinquefoil

Family

Rosaceae

Two-flowered Cinquefoil- **Leaves deeply divided to the base into linear lobes (w/ sparse long white hairs)**. Petals 5-10 mm long. Rootstock thick woody covered w/ marcescent leaf bases. Rocks & rocky slopes.



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Hulten Family

Rosaceae

Hulten Name

Potentilla biflora

Hulten page

610

Accepted

yes

Scientific Name

Common Name

Family

Potentilla crebridens hemicryophila

Beringian Cinquefoil

Rosaceae

Snow Cinquefoil (*P. crebridens*)- Petioles & lower stem woolly but no long silky hairs.. Epicalyx bractlets linear, central leaflets teeth (3-)5-8(-12) per side, upper surfaces green to grayish green.



Hulten Family

Hulten Name

Hulten page

Accepted

Rosaceae

Potentilla crebridens ssp. hemicryophila

616*

yes

Scientific Name

Potentilla nivea

Common Name

Snow Cinquefoil

Family

Rosaceae

Snow Cinquefoil (*P. nivea*)- Petioles & lower stem woolly but no long silky hairs. Epicalyx bractlets narrowly to broadly lanceolate or elliptic; central leaflets: teeth (2-)3-5(-6) per side, upper surfaces usually green, sometimes grayish green.



Hulten Family

Rosaceae

Hulten Name

Potentilla nivea

Hulten page

614

Accepted

yes

Scientific Name**Common Name****Family*****Potentilla subvahliana*****Tundra Cinquefoil*****Rosaceae***

Tundra Cinquefoil (*P. subvahliana*)- From FNA: Petioles crisped/short-cottony hairs usually absent, sometimes sparse, long hairs $\pm$ weak, rarely stiff; plants usually cushion-forming; basal leaves 0.5–2.5 (–3) cm; arctic.

**Hulten Family****Hulten Name****Hulten page****Accepted*****Rosaceae******Potentilla Vahlinia******612****no**

Scientific Name

Common Name

Family

Primula egaliksensis

Greenland Primrose

Primulaceae

Greenland Primrose- leaves entire or slightly undulate. Flowers small, entire plant efarinose.



Hulten Family

Hulten Name

Hulten page

Accepted

Primulaceae

Primula egaliksensis

741

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 grandiflora

Large-flowered Pyrola

Ericaceae

Large-flowered Pyrola (*Pyrola grandiflora*) - Leaves all basal, evergreen, leathery, egg-shaped to circular, margins smooth to wavy or toothed. Flowers creamy white w/ some pink. Moist open forests, thickets, heaths, tundra and arctic coast to alpine zones.



Hulten Family

Hulten Name

Hulten page

Accepted

*Pyrolaceae**

Pyrola grandiflora

712

no

Scientific Name

Common Name

Family

Rhododendron lapponicum alpinum

Lapland Rosebay

Ericaceae

Lapland Rosebay- matted evergreen shrub. leaves leathery w/ resin dots, margins rolled down. Flowers in showy terminal clusters, pink to purple. Tundra & open spruce forest at treeline.



Hulten Family

Hulten Name

Hulten page

Accepted

Ericaceae

Rhododendron lapponicum

718

yes

Scientific 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.



Hulten Family

Caryophyllaceae

Hulten Name

*Minuartia rubella**

Hulten page

433

Accepted

no

Scientific Name

Common Name

Family

Saussurea angustifolia

Narrow-leaved Saw-wort

Asteraceae

Narrow-leaved Saw-wort (*S.angustifolia*)- flowers dark blue to purple. Leaves linear to narrowly elliptic, usually entire. Involucral bracts very unequal, pointy tipped.



Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Saussurea angustifolia

936

yes

Scientific Name

Common Name

Family

Saxifraga cespitosa

Tufted Saxifrage

Saxifragaceae

Tufted Saxifrage (*S. cespitosa*)- Small (3-15 cm). Densely tufted (or matted). Basal leaves w/ 3-5 **finger-like lobes, sticky glandular**. Stem leaves small, very few.. Flowers white 1-5 / stem in loose cluster Stony slopes, sandy places. vs. *S. adscendens* (Wedge-leaf Saxifrage)- Very small (2-10 cm). Forms tiny tufts (not mats). Basal leaves wedge-shaped w/ 3 **shallow lobes at the tip**. Flowering stems glandular (often red), several leaves. Petals white.



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

*Saxifraga caespitosa**

583

no

Scientific Name

Common Name

Family

Saxifraga eschscholtzii

Ciliate Saxifrage

Saxifragaceae

Cushion Saxifrage (*S. eschscholtzii*)- Inconspicuous, very compact alpine plant, mostly crevices & rock ledges. **Leaves w/ long cilia wrapping wart-like leaf clusters.** Flowers very small, yellow turning to red.



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga eschscholtzii

566

yes

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

Saxifraga oppositifolia smalliana

Purple Mountain Saxifrage

Saxifragaceae

Purple Mountain Saxifrage (*Saxifraga oppositifolia ssp smalliana*)- Flowers very early, often calcareous rocks.



Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga oppositifolia ssp smalliana

565

yes

Scientific Name

Common Name

Family

Saxifraga serpyllifolia

Thyme-leafed Saxifrage

Saxifragaceae

Thyme-leafed Saxifrage- Basal leaves shiny, fleshy, spatulate, blunt, entire, glabrous w/ reflexed margins. Petals bright yellow, twice as long as calyx lobes or longer. Rock slides, dry places in mountains.



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga serpyllifolia

567

yes

Scientific Name

Saxifraga setigera

Common Name

Spider Saxifrage

Family

Saxifragaceae

Spider Saxifrage- Plant w/ **several long stolons** ending in bud. Basal leaves in dense rosette, **mucronate, ciliate w/ coarse spiny cillia**. Stony places in mountains.



Hulten Family

Saxifragaceae

Hulten Name

Saxifraga flagellaris ssp *setigera**

Hulten page

569

Accepted

no

Scientific 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.



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Hulten Family

Hulten Name

Hulten page

Accepted

Saxifragaceae

Saxifraga tricuspidata

571

yes

Scientific Name

Common Name

Family

Taraxacum hyparcticum

High Arctic Dandelion

Asteraceae

High Arctic Dandelion- **Whitish to cream** (also violet or brown) flowers. **Involucral bracts larger, 13-15mm, and not horned.** Found in N. AK and Talkeetna's (Billy Mtn)



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

Taraxacum hyparctiicum

948

yes

Scientific Name

Tephroseris kjellmanii

Common Name

Brown-haired Arctic
Groundsel

Family

Asteraceae

T. kjellmanii- Heads always solitary. **Dense brown woolly hair on upper stems and involucre bracts.** vs. *T. frigida*- **Heads always solitary. Purplish-septate hair on Involucral bracts** (and sometimes also white-woolly). The most widespread *Tephroseris* in AK, only one in SC AK, one record by Al Batten, Billy Mtn.



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Hulten Family

Asteraceae

Hulten Name

*Senecio atropurpureus ssp tomentosus**

Hulten page

928

Accepted

no

Scientific Name

Common Name

Family

Tephroseris lindstroemii

Orange Arctic Groundsel

Asteraceae

T. lindstroemii- Flowers orangish to yellow orange. Involucral hairs whitish woolly (can be patchy).



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Senecio fuscatus**

927

no

Scientific Name

Common Name

Family

Tephroseris yukonensis

Yukon Arctic Groundsel

Asteraceae

T. yukonensis- Involucral bracts purplish & and with yellow tinted hair. Flower heads in a compact cluster, all about the same size. vs. *T. tundricola* & *T. lindstroemii*- One large central flower head, and smaller lateral heads.



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Hulten Family

Hulten Name

Hulten page

Accepted

Asteraceae

*Senecio yukonensis**

926

no

Scientific Name

Common Name

Family

Thalictrum alpinum

Alpine Meadow Rue

Ranunculaceae

Alpine Meadow Rue- Low growing plant w/ 0 -1 stem leaves; inflorescence a simple raceme Alpine meadows, stony slopes. vs Meadow Rue (*T. sparsiflorum*) Tall plant w/ several stem leaves; inflorescence paniculate. Meadows & woods.



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Hulten Family

Hulten Name

Hulten page

Accepted

Ranunculaceae

Thalictrum alpinum

487

yes

Scientific 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.



Hulten Family

Hulten Name

Hulten page

Accepted

*Liliaceae**

Tofieldia coccinea

304

no

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

Wilhelmsia physodes

Merkia

Caryophyllaceae

Merkia (*Wilhelmsia physodes*)- Flowers white, petals pointed at the tip and stalk-like at the base. Stems & rhizomes form mats. "Physodes" means inflated or puffed-out, referring to the capsule shape. Found on moist mud or sand.



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Hulten Family

Hulten Name

Hulten page

Accepted

Caryophyllaceae

Wilhelmsia physodes

437

yes