

ALPINE FLORA -- SAN JUAN MOUNTAINS

Scientific nomenclature mostly conforms to John Kartesz' <http://www.bonap.org/>

FERNS & FERN ALLIES

DRYOPTERIDACEAE -- Wood Fern Family

Cystopteris fragilis

Brittle Bladder Fern

delicate feathery fronds hiding next to rocks and cliffs

very common in shallow talus and rocky areas

OPHIOGLOSSACEAE -- Moonwort Fami

Botrychium spp

Moonwort

leaf split in two parts, one bearing spores, the other photosynthesizing

gravely open spots

PTERIDACEAE -- Maidenhair Fern Family

Cryptogramma acrostichoides

American Rockbrake

two different types of fronds

frequent in talus

GYMNOSPERMS

PINACEAE -- Pine Family

Abies bifolia

Subalpine fir

in krummholtz

Picea engelmannii

Englemann's Spruce

most frequent in subalpine, of course, but alpine krummholtz common

ANGIOSPERMS -- MONOCOTS

CYPERACEAE -- Sedge Family

Carex haydeniana

Cloud Sedge

very common alpine sedge; compact, dark, almost triangular inflorescence

Eriophorum chamissonis

Cotton-Grass

Cottony head; no leaves on culm

LILIACEAE -- Lily Family

Allium geayeri

Geyer's Onion

pinkish; onion smell

Anticlea elegans

Mountain False Deathcamas

greenish white; showy raceme above basal grass-like leaves

Llyodia serotina

Alp Lily

white; small plant in alpine turf

Veratrum californicum

Cornhusk Lily; False Hellebore

greenish; huge lvs; huge plant; mostly subalpine

more common in subalpine meadows

ORCHIDACEAE -- Orchid Family

Plantanthera aquilonis

Green Bog Orchid

greenish, in bracteate spike, spur about as long as or a bit shorter than lip

POACEAE -- Grass Family

Deschampsia caespitosa
Festuca brachyphylla ssp *coloradoensis*
Phleum alpinum
Poa alpina
Poa arcticus
Trisetum spicatum

<input type="checkbox"/>	Tufted Hair Grass	open inflorescence; thin, wiry leaves; 2 florets/spikelet; glumes longer than low floret	
<input type="checkbox"/>	Short-stem Fescue	dark; narrow inflorescence; thin, wiry leaves	
<input type="checkbox"/>	Mountain Timothy	dark; fuzzy, dense, cylindrical inflorescence	very common
<input type="checkbox"/>	Alpine Blue Grass	wide, compact inflorescence; wide leaves; short plant	
<input type="checkbox"/>	Arctic Blue Grass	dark; open inflorescence; thin, wiry leaves	
<input type="checkbox"/>	Narrow False Oat	dark; long, narrow, inflorescence	very common

ANGIOSPERMS -- DICOTS

APIACEAE -- Parsley Family

Angelica grayi
Conioselinum scopulorum
Cymopterus lemmoni
Heracleum maximum
Ligusticum porteri
Oreoxis alpinus
Oreoxis bakeri
Oxyopolis fendleri
Podistera eastwoodiae

<input type="checkbox"/>	Gray's Angelica	yellowish; large skyrocket umbel; large for a tundra plant	
<input type="checkbox"/>	Rocky Mountain Hemlock-parsley	white; similar but smaller than osha; leaves not shiny like osha	
<input type="checkbox"/>	Mountain Parsley	yllw; lvs bipinnate w ultimate divisions narrow; tall in forests but very low on tundra	common down into the Ponderosa Pine zone
<input type="checkbox"/>	Cow Parsnip	white; huge lvs and umbels; huge plant	much more common in the subalpine
<input type="checkbox"/>	Porter's Wild Lovage, Osha	white; dissected lvs; tall plant	
<input type="checkbox"/>	Tundra Alpine-parsley	yllw; lvs appear pinnate w divided leaflets; involucl bracts narrow and entire	
<input type="checkbox"/>	Baker's Alpine-parsley	yllw; lvs appear pinnate w divided leaflets; involucl bracts wide and tri-parted	
<input type="checkbox"/>	Fendler's Cowbane	white; once-pinnate leaves; medium height; likes wet areas	
<input type="checkbox"/>	Eastwood's Woodroot	yllw; lvs appear pinnate w fan-shaped leaflets; involucl bracts long and tri-parted	

ASTERACEAE -- Sunflower Family

Achillea millefolium
Agoseris aurantiaca
Agoseris glauca
Anaphalis margaritacea
Antennaria corymbosa
Arnica cordifolia
Arnica mollis
Arnica parryi
Arnica rydbergii
Artemisia scopulorum
Artemisia campestris
Chaenactis douglasii var *alpina*
Cirsium eatonii var *hesperium*
Cirsium scariosum
Cirsium vulgare
Erigeron compositus
Erigeron coulteri
Erigeron elatior
Erigeron formosissimum
Erigeron grandiflorus
Erigeron leiomerus
Erigeron melanocephalus
Erigeron glacialis
Erigeron pinnatisectus
Erigeron vagus

<input type="checkbox"/>	Common Yarrow, Milfoil	white; just a few rays & disks per flowerhead; finely dissected lvs; aromatic	
<input type="checkbox"/>	Orange False-dandelion	orange; no disk flowers; milky sap; dandelion-like lvs all basal	
<input type="checkbox"/>	False-dandelion	yellow; no disk flowers; milky sap; dandelion-like lvs all basal	
<input type="checkbox"/>	Pearly Everlasting	white; flower heads persistent; forms patches	
<input type="checkbox"/>	Flat-top Pussytoes	white; rayless; very low mat; fuzzy white leaves; dark spot in center of phyllaries	
<input type="checkbox"/>	Heart-leaf Arnica	yellow; ray flowers present; heart-shaped leaves	
<input type="checkbox"/>	Cordilleran Leopardbane	yellow; ray flowers present; brown pappus; tall plant	
<input type="checkbox"/>	Nodding Leopardbane	yellow; rayless	
<input type="checkbox"/>	Subalpine Leopardbane	yellow; ray flowers present; acuminate leaves	
<input type="checkbox"/>	Alpine Sagebrush	yellowish w black on phyllaries; inconspicuous flower heads; rayless; common	
<input type="checkbox"/>	Pacific Wormwood	larger plant than above	
<input type="checkbox"/>	Pincushion; dusty maiden	white; rayless; grayish hairy lvs largest near base	
<input type="checkbox"/>	Eaton's Thistle	purplish; rayless; bristly; flower heads sessile on elongate stalk	
<input type="checkbox"/>	Meadow Thistle	whitish; rosette only, no stem; flower heads sessile and crowded	
<input type="checkbox"/>	Canadian Thistle	lavender; forms patches	
<input type="checkbox"/>	Cut-leaf Fleabane	white; sometimes w yllw disks only; leaves repeatedly ternately divided	
<input type="checkbox"/>	Large Mountain Fleabane	white; large wide rays; tall plant	
<input type="checkbox"/>	Tall Fleabane	Lavender; long-hairy, reflexed phyllaries; tall plant	
<input type="checkbox"/>	Beautiful Fleabane	forms patches	
<input type="checkbox"/>	Large-flower Fleabane	purplish; white hair on phyllaries; small plant	
<input type="checkbox"/>	Rockslide Fleabane	lavender; spatulate-oblongeolot leaves; grows on rocky sites; low plant	
<input type="checkbox"/>	Black-head Fleabane	whitish; long purple hairs on phyllaries; small plant	
<input type="checkbox"/>	Subalpine Fleabane	lavendar; glandular hairy phyllaries; relatively wide rays; large plant	
<input type="checkbox"/>	Feather-leaf Fleabane	purplish; pinnatifid leaves; low plant	
<input type="checkbox"/>	Rambling Fleabane	white; leaves fan-shaped w/ 3 broad, round lobes; low plant	

<i>Hieracium triste</i>	Woolly Hawkweed	yllw; small plant w small flowers; easily overlooked
<i>Helianthella quinquenervis</i>	Nodding Dwarf Sunflower	yellow; rays & disks; tall sunflower-like plant; mostly subalpine
<i>Heterotheca pumila</i>	Alpine False Golden-aster	yellow; rays & disks; forms mounds; pleasant aromatic foliage
<i>Hymenoxys hoopesii</i>	Orange Sneezeweed	yellow; disks & long, skinny rays; almost succulent, glabrous lvs; tall plant
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	white, showy; invasive
<i>Machaeranthera coloradoensis</i>	Colorado Tansy-aster	bright purple rays; coarsely toothed leaves; low plant; very showy; rare
<i>Oreochrysum parryi</i>	Parry's-goldenweed	yellow; disks & short rays; lvs entire; upper lvs crowded below head & phyllary-like
<i>Packera dimorphophylla</i>	Two-leaf Groundsel	yellow; disk & rays; stem lvs much more toothed than basal lvs; short plant
<i>Packera werniiifolia</i>	Alpine Groundsel	yellow; disks & rays; round-spatulate lvs; low, mat-like mounds
<i>Pyrrocoma uniflora</i>	Plantain Goldenweed	yellow-orangeish; disks & rays; lanceolate leaves entire; phyllaries partly reflexed
<i>Senecio amplexens var amplexens</i>	Daffodil Senecio	yellow; disks & long rays; nodding flower heads; tall plant
<i>Senecio amplexens var holmii</i>		like above, but shorter plant; more rounded & succulent leaves purple when new
<i>Senecio atratus</i>	Black-tip Ragwort	yellow; disks & rays; large plant; likes disturbed ground
<i>Senecio bigelovii</i>	Strap Flower, Nodding Ragwort	yellow; disks only; nodding flower head; tall plant
<i>Senecio crassulus</i>	Thick-leaf Ragwort	yellow; disks & rays; tall plant
<i>Senecio fremontii</i>	Dwarf Mountain Ragwort	yellow; disks & rays; thick, succulent, toothed leaves; low mounded plants
<i>Senecio serra</i>	Tall Ragwort	yellow; disks & rays; finely serrate narrow leaves; tall plant
<i>Senecio soldanella</i>	Colorado Ragwort	yellow; disks & rays; purple foliage; low plant; alpine scree & bare dirt
<i>Senecio triangularis</i>	Arrow-leaf Ragwort	yellow; disks & rays; narrow triangle-shaped toothed leaves; tall plant
<i>Solidago multiradiata</i>	Rocky Mountain Goldenrod	yellow; rays & disks; relatively few rays (+/- 13) are short
<i>Taraxacum eriophorum</i>	Wool-bearing Dandelion	yellow; smaller than common dandelion; lvs tend to entire; brown hairs in leaf axils
<i>Taraxacum lyratum</i>	Rock Dandelion	yellow; a minature dandelion
<i>Taraxacum officinale</i>	Common Dandelion	yellow; rays only; milky sap
<i>Tetraneuris grandiflora</i>	Old-man-in-the-mountain	yllw rays & disks; huge flwr heads face horizontal; dissected hairy lvs; medium plant
<i>Tonestus pygmaeus</i>	Serpentweed	yellow; rays & disks; broad leaf-like phyllaries; low plants
<i>Townsendia rothrockii</i>	Rothrock's Townsend Daisy	whitish; rays & disks; caespitose clump; entire, somewhat fleshy leaves

BORAGINACEAE -- Borage Family

<i>Eritrichium nanum var elongatum</i>	Arctic Alpine-forget-me-not	blue; low mat plant
<i>Mertensia ciliata</i>	Tall Finge Bluebells	blue to purple; glabrous bluish-green leaves; tall plant
<i>Mertensia franciscana</i>	Franciscan Bluebells	blue to purple; pustulant hairs on upper leaf surface; leaves dark green; tall plant
<i>Mertensia lanceolata</i>	Prairie Bluebells	blue to purple; pubescent leaves; short plant

in the San Juans, near the summit of Phoenix Pk, near Creede

BRASSICACEAE -- Mustard Family

<i>Boechea lemmonii</i>	Soldier Rockcress	purple; sprawling flowering stems; low plant
<i>Boechea stricta</i>	Canadian Rockcress	whitish; erect & appressed siliques & pedicels, medium plant
<i>Cardamine cordifolia</i>	Large Mountain Bittercress	white; thick stands along streams; tall plant
<i>Descurania incana</i>	Mountain Tansy-mustard	yellow; flowers inconspicuous; pedicels appressed against the rachis
<i>Draba aurea</i>	Golden Whitlow-grass	yellow; entire cauline lvs; low plant
<i>Draba breweri var cana</i>	Cushion Whitlow-grass	creamy white; low plant
<i>Draba crassa</i>	Thick-leaf Whitlow-grass	yellow; large entire, succulent, ciliate lvs; low plant
<i>Draba crassifolia</i>	Snowbed Whitlow-grass	yellow; tiny basal rosette & scape; tiny plant
<i>Draba fladnizensis var pattersonii</i>	Austrian Whitlow-grass	whitish; tiny basal rosette & scape; tiny plant
<i>Draba graminea</i>	Rocky Mountain Whitlow-grass	yellow; entire, grass-like leaves; bracteate inflorescence; low plant
<i>Draba spectabilis</i>	Showy Whitlow-grass	yellow; toothed cauline lvs; low plant
<i>Draba streptobrachia</i>	Alpine-tundra Whitlow-grass	yellow; narrow, usually entire lvs; low plant
<i>Erysimum capitatum</i>	Wallflower	yellow, purple, or white; showy
<i>Noccaea montana</i>	Wild Candytuft	white; clasping leaves; short plant

occurs at the rare-plant site south of Stony Pass

Physaria scrotiformis
Rorippa alpina
Smelowskia calycina var *americana*

West Silver Bladderpod
 Alpine Yellowcress
 Fern-leaf False Candytuft

yellow; sprawling; pods somewhat double
yellow; sprawling; lowest leaves pinnatifid, upper leaves toothed or wavy margined
white to pale purple; dissected leaves; short plants of ridges

south of Stony Pass & near Jura knob

CAMPANULACEAE -- Bellflower Family

Campanula rotundifolia

Harebell

bluish purple; bell-shaped flowers; most lvs linear, but basal lvs round

CAPRIFOLIACEAE -- Honeysuckle Family

Lonicera involucrata

Twin Berry; Bracted Honeysuckle

yellowish

most common in the subalpine. Occasional in the lower alpine.

CAROPHYLLACEAE -- Pink Family

Arenaria lanuginosa ssp *saxosa*
Cerastium arvense
Eremogone fendleri
Minuartia macrantha
Minuartia obtusiloba
Silene acaulis
Silene uralensis ssp *uralensis*
Silene sp
Stellaria longipes
Stellaria umbellata
Stellaria irrigua

Spreading Sandwort
 Field Mouse-ear Chickweed
 Fendler's Sandwort
 House Stitchwort
 Alpine Stitchwort
 Moss Champion; Cushion Pink
 Chinese Lanterns
 Flycatch
 Long-stalk Starwort
 Umbrella Starwort
 Colorado Starwort

white; five entire petals; small, low plant
white; five notched petals; small to medium plant
white; petals entire; reddish-brown anthers prominent against petals; leaves linear
white; acute sepals; tiny lvs; caespitose
white; blunt-tipped sepals; tiny lvs; caespitose
pink; caespitose mounds
whitish pink; petals barely exerted from calyx; nodding inflated calyx
whitish; opposite lvs; sticky internodes; small erect plant
white; petals so deeply notched they almost look like ten petals; short upright stems
green; tiny flowers with no petals; diffuse inflorescence
white; tiny petals split to the base, much smaller than sepals; delicate

occurs in talus at top of Stony Pass; also on Placer Gulch Rd.

CRASSULACEAE -- Stonecrop Family

Rhodiola integrifolia
Rhodiola rhodantha
Sedum lanceolatum

King's Crown
 Queen's Crown; Rose Crown
 Lance-leaf Stonecrop

dark reddish; broad succulent lvs; tall plant
pink; broad succulent lvs; tall plant
yellow; round succulent lvs; short plant

ERICACEAE -- Heath Family

Vaccinium myrtillus

Low Bilberry, Blueberry

pinkish white; angled green stems; a tiny shrub

FABACEAE -- Pea Family

Astragalus alpinus
Lathyrus brachycalyx var *zionis*
Lupinus argenteus
Oxytropis deflexa variety *foliolosa*
Oxytropis podocarpa
Trifolium attenuatum
Trifolium brandegeei
Trifolium nanum
Trifolium parryi

Alpine Milk-vetch
 Pea Vine
 Lupine
 Pendant-pod Locoweed
 Stalked-pod Locoweed
 Rocky Mountain Clover
 Brandegee's Clover
 Alpine Clover
 Parry's Clover

white & purple; small flowers; forms patches
pink-purple
blue raceme; palmate leaves
purple; keel with constricted tip; pods are pendant and lie on ground
purple; keel with constricted tip; inflated pods; low plant
purplish; long, narrow leaflets
bright purple; showy satiny petals
pinkish white; flowers do not surpass leaves; low mat plant
purple; showy flower head on tall scape

occurs at rare-alpine-plant site S of Stony Pass; occasional elsewhere
only at Old 100 boarding house
only on Brown Mtn nr Gladstone
occurs at the "rare-alpine-plant" site south of Stony Pass
found at Cinammon Pass
La Plata Mtns and south San Juans

GENTIANACEAE -- Gentian Family

Frasera speciosa
Gentiana algida
Gentiana parryi
Gentiana prostrata

Green Gentian, Monument Plant
 Arctic Gentian
 Parry's (Bottle) Gentian
 Pygmy (Moss) Gentian

greenish white; large lvs in basal rosette; very tall plant when blooming
white with purple spots; long, narrow, entire lvs; low plant
bright blue; five corolla lobes; erect stems; showy
blue; 8 corolla lobes - 4 short toothed alternate w/ 4 large entire lobes; tiny plant

Gentianella amarella
Gentianella tenella
Gentianopsis thermalis
Swertia perennis

Autumn Dwarf-gentian
 Lappland Gentian
 Fringed Gentian
 Star Gentian

lavender; small flowers; erect fringe in throat; erect plant
bluish; 4 petals, long naked peduncle, fringed scales in throat; tiny plant
blue; petals fringed; erect plant; showy
dark purple-blue; 4 to 5 petals; erect plant of wet areas

just SW of Snowdon Pk

GERANIACEAE -- Geranium Family

Geranium richardsonii

Richardson's Geranium

white; typical geranium lvs

GROSSULARIACEAE -- Currant Family

Ribes laxiflorum
Ribes montigenum

Trailing Black Currant
 Western Prickly Gooseberry

no spines; trailing
reddish; saucer-shaped flowers; stems thorny

HYDROPHYLLACEAE -- Waterleaf Family

Phacelia glandulosa
Phacelia sericia

Glandular Scorpionweed
 Purple Fringe

purple; headlike inflorescence; scorpioid cymes
purple; prominent exerted styles & anthers; spikelike inflorescence

occurs at the rare-alpine-plant site south of Stony Pass

ONAGRACEAE -- Evening Primrose Family

Epilobium anagallidifolium
Epilobium hornemannii
Chamerion angustifolium ssp circumvagum
Chamerion latifolium

Pimpernel Willowherb
 Hornemann's Willowherb
 Narrow-leaf Fireweed
 Broad-leaf Fireweed

pinkish to whitish; 4 petals; small, dainty, clumped plant
pinkish to whitish; 4 petals; small, erect plant
bright pink; 4 petals; tall plant
bright pink; 4 petals; low plant; leaves broader than above

POLEMONIACEAE -- Phlox Family

Aliciella pinnatifida
Aliciella sedifolia
Phlox condensata
Polemonium pulcherrimum
Polemonium confertum
Polemonium viscosum

Sticky Cheat Gily-flower

 Dwarf Phlox
 Jacob's Ladder
 Sky Pilot
 Sky Pilot

purple; pinnatifid leaves
purple; somewhat Sedum-like leaves; extremely rare
white to light lavender; caespitose plants
blue; pinnate lvs; mostly subalpine
light blue; corolla tube twice as long as calyx; anthers orange; whorled leaflets; strong odor
purple; corolla tube little longer than calyx; anthers yellow; whorled leaflets; strong odor

occurs at the rare-alpine-plant site south of Stony Pass
occurs only on south slopes of Half Peak

POLYGONACEAE -- Buckwheat Family

Bistorta bistortoides
Bistorta vivipara
Oxyria digyna
Rumex densiflora

American Bistort
 Serpent Grass
 Mountain Sorrel
 Dense-flowered Dock

white; inflorescence a cylindrical spike; medium height plant
white; inflorescence a spike with flowers above & bulblets below; small erect plant
reddish green; shiny, orbicular lvs; low plant usually among rocks

PORTULACACEAE -- Purslane Family

Claytonia megarhiza
Lewisia pygmaea

Alpine Spring Beauty
 Alpine (Pygmy) Bitterroot

pinkish white; rosette of succulent; spatulate, basal lvs; can form showy mounds
pink; succulent lvs; tiny plant

PRIMULACEAE -- Primrose Family

Androsace septentrionalis
Primula parryi

Fairy Candelabra; Rock Primrose
 Parry's Primrose

white; scapose stems from basal rosette; tiny, dainty plants
purple; wet areas; medium height; showy

RANUNCULACEAE -- Buttercup Family

Aconitum columbianum
Anemone multifida

Columbian Monkshood
 Red Windflower

blue; hooded upper sepal; tall; mostly subalpine
white or reddish sepals; no petals; deeply divided lvs

<i>Aquilegia coerulea</i>	<input type="checkbox"/>	Blue Columbine	blue & white; petals spurred
<i>Caltha leptosepala</i>	<input type="checkbox"/>	Marsh Marigold	white; leaves entire; wet areas
<i>Delphinium barbeyi</i>	<input type="checkbox"/>	Subalpine Larkspur	blue; spurred upper sepal; tall; mostly subalpine
<i>Ranunculus alismifolius</i>	<input type="checkbox"/>	Water-plantain Buttercup	yellow; often with up to ten petals; leaves entire; erect plant
<i>Ranunculus eschscholtzii</i>	<input type="checkbox"/>	Spruce-fir Buttercup	yellow; large flowers; lower leaves deeply lobed halfway or more; low plant
<i>Ranunculus inamoensis</i>	<input type="checkbox"/>	Ugly Buttercup	yellow; small flowers; lobed leaves; erect plant
<i>Ranunculus macauleyi</i>	<input type="checkbox"/>	Rocky Mountain Buttercup	yellow; black-hairy sepals; wet areas near snowbanks; low plant
<i>Thalictrum alpinum</i>	<input type="checkbox"/>	Alpine Meadowrue	greenish; dioecious; tiny flowers; columbine-like lvs -- smaller & shorter than next
<i>Thalictrum fendleri</i>	<input type="checkbox"/>	Fendler's Meadowrue	greenish; dioecious; tiny flowers; columbine-like lvs; taller than previous
<i>Trollius laxus ssp albiflorus</i>	<input type="checkbox"/>	Globeflower	creamy white; leaves palmately divided

ROSACEAE -- Rose Family

<i>Dasiphora fruticosa ssp floribunda</i>	<input type="checkbox"/>	Shrubby Cinquefoil	yellow; shrub	
<i>Dryas octopetala</i>	<input type="checkbox"/>	Eight-petal Mountain Avens	white; eight petals	very uncommon
<i>Fragaria virginiana</i>	<input type="checkbox"/>	Wild Strawberry	white; grayish-green lvs; sprawling plant	
<i>Geum rossii</i>	<input type="checkbox"/>	Alpine Avens	yellow; abundant	
<i>Geum triflorum</i>	<input type="checkbox"/>	Prairie Smoke	reddish; nodding flowers	
<i>Ivesia gordonii</i>	<input type="checkbox"/>	Alpine Mousetail	yellow; whorled leaflets	only found near Jura Knob
<i>Potentilla concinna</i>	<input type="checkbox"/>	Red Cinquefoil	yellow; lvs palmate; blooms before lvs mature; low almost-mat plant	
<i>Potentilla diversifolia</i>	<input type="checkbox"/>	Mountain-meadow Cinquefoil	yellow; lvs palmate, not bicolored, toothed in upper half of leaflets only	
<i>Potentilla gracilis</i>	<input type="checkbox"/>	Graceful Cinquefoil	yellow; lvs palmate; bicolored, toothed entire length; larger plant	
<i>Potentilla nivea</i>	<input type="checkbox"/>	Snow Cinquefoil	yellow; lvs trifoliate, bicolored; low, matted plant	
<i>Potentilla rubricaulis</i>	<input type="checkbox"/>	Red-stemmed Cinquefoil		
<i>Potentilla subjuga</i>	<input type="checkbox"/>	Colorado Cinquefoil	yellow; lvs subpalmate; sometimes lvs bluish-green above	
<i>Sibbaldia procumbens</i>	<input type="checkbox"/>	Creeping Glow-wort	yellow; tiny petals; trifoliate lvs; leaflets toothed @ apex; abundant but inconspicuous	

SALICACEAE -- Willow Family

<i>Salix brachycarpa</i>	<input type="checkbox"/>	Short-leaf Willow	coetaneous short catkins; pubescent capsules; grayish green leaves entire
<i>Salix nivalis</i>	<input type="checkbox"/>	Snow Willow	obtuse leaves w/ prominent veins; prostrate shrub of tundra
<i>Salix petrophila</i>	<input type="checkbox"/>	Alpine Willow	accuminate leaves; prostrate shrub of tundra
<i>Salix planifolia</i>	<input type="checkbox"/>	Tea-leaf Willow	precocious catkins; pubescent capsules; purplish-brown twigs; shiny dark green lvs

SAXIFRAGACEAE -- Saxifrage Family

<i>Huechera parvifolia</i>	<input type="checkbox"/>	Little-leaf Alumroot	greenish; tiny flowers on long scapes; lvs basal
<i>Parnassia fimbriata</i>	<input type="checkbox"/>	Fringed Grass-of-Parnassus	white, petals fringed on margins, yellowish-green glands @ base petals
<i>Saxifraga bronchialis</i>	<input type="checkbox"/>	Spotted Saxifrage	white; dots on petals; linear leaves; matted plant of rocky habitats
<i>Saxifraga cernua</i>	<input type="checkbox"/>	Nodding Saxifrage	white; bulblets below flowers; glandular pubescent; small plant
<i>Saxifraga cespitosa</i>	<input type="checkbox"/>	Tufted Alpine Saxifrage	white; lvs three-parted at apex; glandular pubescent; grows in tufts
<i>Saxifraga chrysantha</i>	<input type="checkbox"/>	Golden Saxifrage	yellow; no stolons; leaves not ciliate; small plant
<i>Saxifraga flagellaris</i>	<input type="checkbox"/>	Whiplash Saxifrage	yellow; obvious stolons; ciliate leaves; small plant
<i>Saxifraga odontoloma</i>	<input type="checkbox"/>	Streambank Saxifrage	white; diffuse inflorescence
<i>Saxifraga oregana</i>	<input type="checkbox"/>	Bog Saxifrage	white; similar to the next but with an interrupted inflorescence
<i>Saxifraga rhomboidea</i>	<input type="checkbox"/>	Snowball Saxifrage	white; capitate inflorescence; scapose
<i>Saxifraga rivularis</i>	<input type="checkbox"/>	Alpine-brook Saxifrage	white; small and delicate; hiding in shady places in cliffs & boluders

SCROPHULARIACEAE -- Figwort Family

<i>Besseyia alpina</i>	<input type="checkbox"/>	Alpine Kittenails	purple; short plant; ridges
<i>Besseyia ritteriana</i>	<input type="checkbox"/>	Ritter's Kittenails	greenish creamy; erect

<i>Castilleja haydenii</i>	Hayden's Indian Paintbrush	pink-purple; bracts with some linear lobes; strictly alpine, often on ridges
<i>Castilleja miniata</i>	Red Indian Paintbrush	red to orange-red; bracts deeply cleft
<i>Castilleja occidentalis</i>	Pale Yellow Indian Paintbrush	yellow
<i>Castilleja rhexifolia</i>	Rosy Indian Paintbrush	rosy red; bracts entire or shallowly lobed
<i>Castilleja rhexifolia X occidentalis</i>	hybrid paintbrush	wht to pinkish to various shades in between; very common hybrid
<i>Chionophila jamesii</i>	Snowlover	pale cream; secund inflorescence; short plant
<i>Linaria vulgaris</i>	Butter and Eggs	yellow; snapdragon-like flower; an exotic weed
<i>Mimulus guttatus</i>	Monkey Flower	yellow; opposite leaves; wet places
<i>Mimulus tilingii</i>	Monkey Flower	yellow; clumped,turf-forming" mats; opposite leaves; wet places
<i>Pedicularis groenlandica</i>	Elephant Head	pink; elephant-trunk shaped flowers; wet areas
<i>Pedicularis parryi</i>	Parry's Lousewort	creamy yellow; fern-like pinnatifid leaves
<i>Pedicularis racemosa</i>	Sickle-top Lousewort	white; peculiar twisted beak; serrate lvs; mostly subalpine
<i>Pedicularis sudetica ssp scopulorum</i>	Sudetic Lousewort	purple; fern-like lvs
<i>Penstemon hallii</i>	Hall's Beardtongue	purplish pink; secund inflorescence
<i>Penstemon harbourii</i>	Harbour's Beardtongue	blue; sprawling plant of loose scree
<i>Penstemon whippleanus</i>	Whipple's Beardtongue	very dark maroon
<i>Veronica serpyllifolia ssp humifusa</i>	Thyme-leaf Speedwell	deep blue; irregular, but almost radially symmetrical; short plant
<i>Veronica wormskjoldii var wormskjoldii</i>	Alpine Speedwell	deep blue; irregular, but almost radially symmetrical; short erect plant

VALERIANACEAE -- Valerian Family

Valeriana edulis



Tobacco Root; Edible Valerian

white; tiny flowers; tall inflorescence; long leaflets

Valeriana acutiloba var acutiloba

Cordilleran Valerian

white; capitate inflorescence; opposite compound lvs

VIOLACEAE -- Violet Family

Viola adunca variety *adunca*



Hook-spur Violet

blue; obscurely caulescent

Viola adunca variety *bellidifolia*