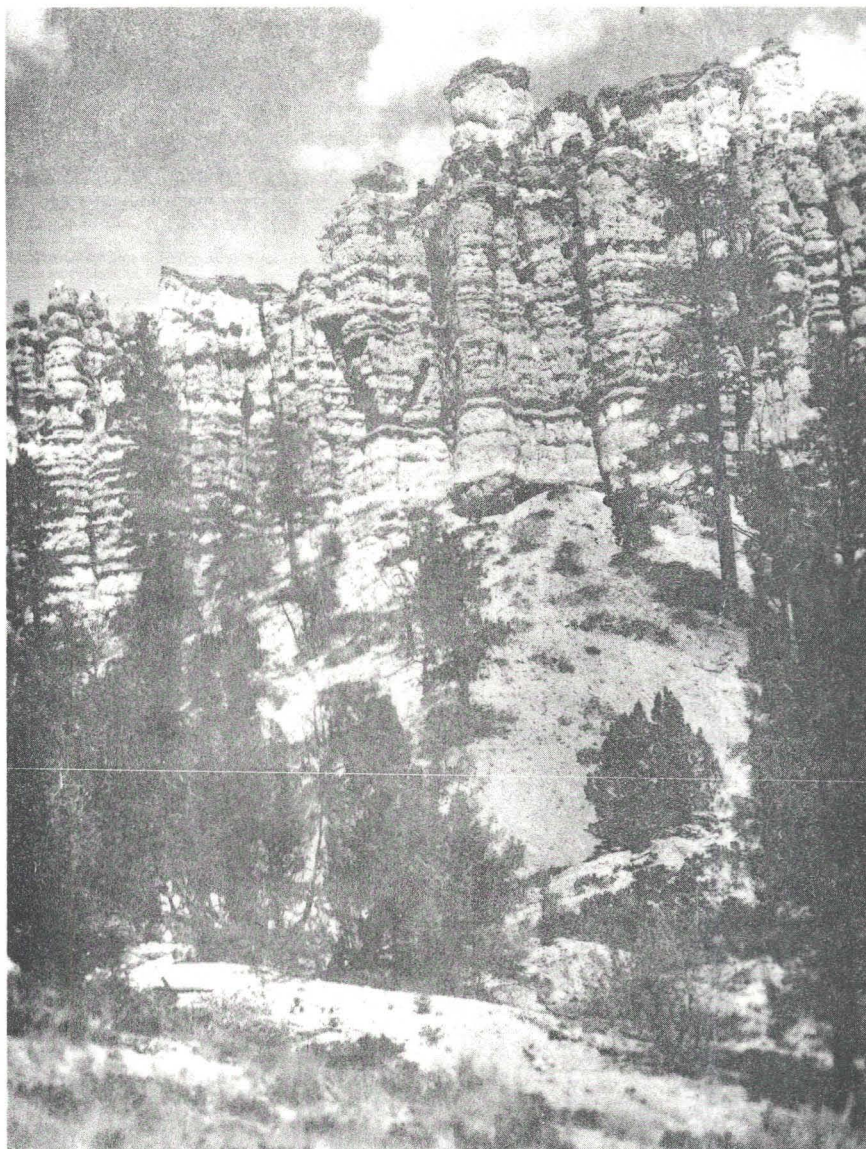




**CHECKLIST OF HIGHER PLANTS
OF
BRYCE CANYON NATIONAL PARK, UTAH
by
Hayle Buchanan and Glen T. Nebeker**

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Bryce Canyon National Park occupies 35,240 acres (55.06 square miles) of diversely vegetated area along the southeastern edge of the Paunsaugunt Plateau in southern Utah. The elevation ranges from 6650 feet near the town of Tropic to 9105 feet at Rainbow Point. The distance between these two points is approximately 18 miles.

The Paunsaugunt escarpment forming the southern and eastern edge of the plateau stands in very spectacular relief, exposing the Wasatch Limestone formation or Pink Cliffs. The "breaks" divide the foothill forest of pinyon-juniper from the submontane forest of ponderosa pine in the northern half of the park. In the southern half of the park, the "breaks" divide the lower pinyon-juniper forest from the montane forest of spruce and fir.

The trees of the pigmy forest, pinyon pine and Utah juniper, have shallow root systems and seem to thrive on well-drained soil from canyon floor to steep hillsides. Understory shrubs and herbaceous plants in this pigmy forest are sparse.

The most fascinating plant community in Bryce Canyon National Park is the "breaks" community itself. The dead and half-dead misshapen woody plants lend an eeriness to the scene and the strange widely-spaced herbaceous plants complete the impression of unreality among the corrugated and fluted limestone columns and steep talus slopes. Delicate blue dwarf columbines and penstemons add contrast to the sparse yellow composites. Aspen trees cling to the steep slopes where underground water seeps out of the cliffs. Narrow-leafed cottonwood and blue spruce trees line the stream channels in the bottoms of ravines. Douglas fir, limber pine, ponderosa pine, and Rocky Mountain juniper are found on more exposed slopes. Occupying the driest sites are twisted and dwarfed bristlecone pine trees. The photo on the cover is a view of a portion of this fascinating community.

The submontane forest above the canyon rim occupies gentle or moderately steep

slopes of thin soils at elevations varying from 7700 to 8200 feet. The ponderosa pine trees are dominant in this forest, with Douglas fir, limber pine, and Rocky Mountain juniper also present. The manzanita, bitterbrush, and ceanothus are dominant shrubs in the understory. Ground cover is often sparse on the fragile soil. Pedastled plants, rills and rock pavement are common indications of rapid and prolonged erosion, as seen in Figs. 1 and 2. A sagebrush community occupies the relatively flat depressions between the hills of the northern part of Paunsaugunt Plateau. The soils are deeper and the ground cover more continuous. Erosion is still rapid in these openings, however. Fig. 3 is a typical scene in a sagebrush opening.

The densest forest in the park is the montane forest of spruce and fir. Numerous stands of aspen are present, usually on the lower slopes of drainage systems. Aspen trees are being replaced by conifers as plant succession takes place. Undercover shrubs are typically heavily browsed by mule deer and other groundcover is typically sparse and dwarfed. Fig. 4 is a typical montane forest scene.

The checklist of plants is to be considered a working list. It is anticipated that plant species will be found which are not included. This is especially true of the foothill forest area, which has been less thoroughly studied than the other plant communities of the park.

To facilitate the use of the checklist, plant species have been grouped into four sections: fern-like plants; grasses and grass-like plants; forbs; and trees and shrubs. Within each group, families are arranged alphabetically. Genera and species are arranged alphabetically in each family.

The following authority was used for the scientific names and most of the common names: Holmgren, Arthur H. and James L. Reveal, Checklist of the Vascular Plants of the Intermountain Region, U. S. Forest Service Research Paper INT-32, 1966.



Fig. 1 Roots of living trees and rock pavement exposed by rapid erosion of topsoil in the submontane forest.



Fig. 2 The submontane forest is typically "open" with sparse undercover of manzanita.



Fig. 3 The sagebrush plant community occupies the depressions between forested hills of the northern part of the Paunsaugunt Plateau.



Fig. 4 The montane forest of the southern portion of the Paunsaugunt Plateau is dense with very sparse ground cover.

PRIMITIVE VASCULAR PLANTS

Botanical name

Common name

EQUISETACEAE

Horsetail Family

Equisetum arvense L.

Field Horsetail

Equisetum laevigatum A. Br.

Smooth Horsetail

ck - WATER CANYON - WATERFALL

GRASSES AND GRASS-LIKE PLANTS

Botanical name	Common name
GRAMINAE	Grass Family
<u>Agropyron cristatum</u> (L.) Gaertn.	Crested Wheatgrass
<u>Agropyron riparium</u> Scribn. & Smith X <u>Elymus triticoides</u> Buckl.	(Hybrid)
<u>Agropyron smithii</u> Rydb. var. <u>molle</u> (Scribn. & Smith) M. E. Jones	Western Wheatgrass
<u>Agropyron spicatum</u> (Pursh.) Scribn. & Smith var. <u>inerme</u> (Scribn. & Smith) Heller	Bluebunch Wheatgrass
<u>Agropyron trachycaulum</u> (Link) Malte	Slender Wheatgrass
<u>Agrostis alba</u> L.	Redtop Bentgrass
<u>Bouteloua gracilis</u> (HBK.) Lag.	Blue Grama
<u>Bromus anomalus</u> Rupr.	Nodding Brome
<u>Bromus ciliatus</u> L.	Fringed Brome
<u>Bromus frondosus</u> (Shear) Woot. & Standl.	
<u>Bromus inermis</u> Leyss.	Smooth Brome
<u>Bromus pumpellianus</u> Scribn.	
<u>Bromus tectorum</u> L.	Downy Chess, Cheat Grass
<u>Calamagrostis scropulorum</u> M. E. Jones	Reedgrass
<u>Dactylis glomerata</u> L.	Orchardgrass
<u>Elymus triticoides</u> Buckl. var. <u>simplex</u> (Scribn. & Williams) A. S. Hitchc.	Wildrye
<u>Festuca elatior</u> L.	Meadow Fesque
<u>Glyceria striata</u> (Lam.) A. S. Hitchc.	Fowl Mannagrass
<u>Hilaria Jamesii</u> (Torr.) Benth	Galleta
<u>Hordeum jubatum</u> L.	Foxtail Barley

GRASSES AND GRASS-LIKE PLANTS

Botanical name	Common name
<u>Koeleria cristata</u> (L.) Pers.	Junegrass
<u>Lolium perenne</u> L.	Perennial Ryegrass
<u>Muhlenbergia montana</u> (Nutt.) A. S. Hitchc.	Mountain Muhly
<u>Muhlenbergia richardsonis</u> (Trin.) Rydb.	Mat Muhly
<u>Oryzopsis hymenoides</u> (Roem. & Schult.) Ricker	Indian Ricegrass
<u>Poa fendleriana</u> (Steud.) Vasey	Mutton Grass
<u>Poa interior</u> Rydb.	Indian Bluegrass
<u>Poa pratensis</u> L.	Kentucky Bluegrass
<u>Sitanion hystrix</u> (Nutt.) J. G. Smith	Squirreltail
<u>Stipa columbiana</u> Macoun	Columbia Needlegrass
<u>Stipa comata</u> Trin. & Rupr.	Needle-and-Thread Grass
<u>Stipa lettermani</u> Vasey	Letterman Needle-grass
CYPERACEAE	Sedge Family
<u>Carex douglasii</u> Boott.	Douglas Sedge
<u>Carex nebraskensis</u> Dewey	Nebraska Sedge
<u>Carex praegracilis</u> W. Boott.	Sedge
<u>Carex rostrata</u> Stokes	Beaked Sedge
JUNCACEAE	Rush Family
<u>Juncus balticus</u> L.	
<u>Juncus filiformis</u> L.	
<u>Juncus saximontanus</u> A. Nels.	Rocky Mountain Rush.

Botanical name	Common name
AMARANTHACEAE	Amaranth Family
<u>Amaranthus</u> <u>graecizans</u> L.	Tumbleweed Amaranthus
APOCYNACEAE	Dogbane Family
<u>Apocynum</u> <u>androsaemifolium</u> L.	Spreading Dogbane
<u>Apocynum</u> <u>cannabinum</u> L.	Dogbane
BERBERIDACEAE	Barberry Family
<u>Berberis</u> <u>repens</u> Lindl.	Creeping Barberry
BORAGINACEAE	Borage Family
<u>Cryptantha</u> <u>abata</u> I. M. Johnst.	Cryptantha
<u>Cryptantha</u> <u>confertiflora</u> (Greene) Payson	Cryptantha
<u>Cryptantha</u> <u>flava</u> (A. Nels.) Payson	Cryptantha
<u>Cryptantha</u> <u>flavoculata</u> (A. Nels.) Payson	Cryptantha
<u>Cryptantha</u> <u>fulvocanescens</u> (A. Gray) Payson	Cryptantha
<u>Cryptantha</u> <u>humilis</u> (Gray) Payson	Cryptantha
<u>Cryptantha</u> <u>ochroleuca</u> Higgens	Cryptantha
<u>Cryptantha</u> <u>setosissima</u> (A. Gray) Payson	Cryptantha
<u>Cryptantha</u> <u>virginensis</u> (M. E. Jones) Payson	Cryptantha
<u>Lappula</u> <u>redowskii</u> (Hornem.) Greene	Stickseed
<u>Lithospermum</u> <u>incisum</u> Lehm.	Gromwell
<u>Lithospermum</u> <u>multiflorum</u> Torr.	Manyflower Gromwell
<u>Lithospermum</u> <u>ruderales</u> Dougl.	Wayside Gromwell
CACTACEAE	Cactus Family
<u>Opuntia</u> <u>rhodantha</u> K. Schum.	Prickley-Pear

Botanical name	Common name
CAMPANULACEAE	Bellflower Family
<u>Campanula</u> <u>parryi</u> A. Gray	Parry Bellflower
<u>Campanula</u> <u>rotundifolia</u> L.	Bluebell
CAPPARIDACEAE	Caper Family
<u>Cleome</u> <u>lutea</u> Hook.	Yellow Beeplant
<u>Cleome</u> <u>serrulata</u> Pursh.	Rocky Mountain Beeplant
CARYOPHYLLACEAE	Pink Family
<u>Arenaria</u> <u>kingii</u> (S. Wats.) M. E. Jones ssp. <u>compacta</u> (Cov.) Maguire	Compact Sandwort
<u>Arenaria</u> <u>rubella</u> (Wahl.) Smith	Sandwort
<u>Lychnis</u> <u>drummondii</u> (Hook.) S. Wats.	Drummond Campion
<u>Silene</u> <u>douglasii</u> Hook.	Douglas Silene
CHENOPODIACEAE	Goosefoot Family
<u>Chenopodium</u> <u>atrovirens</u> Rydb.	Goosefoot
<u>Chenopodium</u> <u>fremontii</u> Wats.	Fremont Goosefoot
<u>Salsola</u> <u>kali</u> L.	Russian Thistle
COMPOSITAE	Sunflower Family
<u>Achillea</u> <u>millefolium</u> L.	Yarrow
<u>Agoseris</u> <u>aurantiaca</u> (Hook.) Greene	Orange Agoseris
<u>Agoseris</u> <u>glauca</u> (Pursh) Raf.	Pale Agoseris
<u>Antennaria</u> <u>parviflora</u> Nutt.	Pussytoes
<u>Antennaria</u> <u>rosea</u> Greene	Rose Pussytoes
<u>Antennaria</u> <u>rosulata</u> Rydb.	Pussytoes
<u>Arnica</u> <u>cordifolia</u> Hook.	Heartleaf Arnica

Botanical name	Common name
<u>Aster chilensis</u> Nees	Aster
<u>Aster glaucodes</u> Blake	Aster
<u>Aster hesperius</u> A. Gray	Siskiyou Aster
<u>Aster integrifolius</u> Nutt.	Thickstem Aster
<u>Aster occidentalis</u> (Nutt.) Torr. & Gray	Western Aster
<u>Balsamorhiza sagittata</u> (Pursh) Nutt.	Arrowleaf Balsamroot
<u>Chaenactis douglasii</u> (Hook.) Hook. & Arn.	Chaenactis
<u>Cirsium arizonicum</u> (A. Gray) Petrak	Thistle
<u>Cirsium canovirens</u> (Rydb.) Petrak	Thistle
<u>Cirsium pulchellum</u> (Greene) Woot. & Standl.	Thistle
<u>Cirsium undulatum</u> (Nutt.) Spreng.	Wavyleaf Thistle
<u>Crepis intermedia</u> A. Gray	Gray Hawk's Beard
<u>Crepis runcinata</u> (James) Torr. & Gray	Dandelion Hawk's Beard
<u>Erigeron canus</u> A. Gray	Hoary Fleabane
<u>Erigeron divergens</u> Torr. & Gray	Spreading Fleabane
<u>Erigeron flagellaris</u> A. Gray	Trailing Fleabane
<u>Erigeron pulcherrimus</u> Heller	Fleabane
<u>Erigeron speciosus</u> (Lindl.) DC.	Oregon Fleabane
<u>Grindelia squarrosa</u> (Pursh) Dunal	Gumweed
<u>Haplopappus armerioides</u> (Nutt.) A. Gray	Goldenweed
<u>Haplopappus parryi</u> A. Gray	Goldenweed
<u>Helianthus annuus</u> L.	Sunflower
<u>Hymenopappus filifolius</u> Hook. var. <u>cinereus</u> (Rydb.) I. M. Johnst.	Fineleaf Hymenopappus

Botanical name	Common name
<u>Hymenopappus filifolius</u> Hook. var. <u>lugens</u> (Greene) Jeps.	Hymenopappus
<u>Hymenoxys acaulis</u> (Pursh) Parker	Stemless Hymenoxys
<u>Hymenoxys richardsonii</u> (Hook.) Cockerell	Pingue Hymenoxys
<u>Lactuca pulchella</u> (Pursh) DC.	Chicory Lettuce
<u>Leucelene ericoides</u> (Torr.) Greene	Leucelene
<u>Lygodesmia grandiflora</u> (Nutt.) Torr. & Gray	Rush Pink
<u>Lygodesmia spinosa</u> Nutt.	Thorn Skeleton-weed
<u>Machaeranthera glabriuscula</u> (Nutt.) Crong.	Machaeranthera
<u>Machaeranthera grindelioides</u> (Nutt.) Shinnery	Machaeranthera
<u>Senecio atratus</u> Greene	Black Groundsel
<u>Senecio millelobatus</u> Rydb.	Groundsel
<u>Senecio multilobatus</u> Torr. & Gray	Lobeleaf Groundsel
<u>Senecio neomexicanus</u> A. Gray	Groundsel
<u>Senecio spartioides</u> Torr. & Gray	Broom Groundsel
<u>Solidago spathulata</u> DC.	Goldenrod
<u>Stephanomeria tenuifolia</u> (Torr.) Hall	Wirelettuce
<u>Taraxacum officinale</u> Weber	Common Dandelion
<u>Townsendia excapa</u> (Richards.) Porter	Stemless Townsendia
<u>Townsendia incana</u> Nutt.	Hoary Townsendia
<u>Townsendia montana</u> M. E. Jones var. <u>minima</u> (Eastw.) Beaman	Townsendia
<u>Tragopogon dubius</u> Scop.	Salsify
<u>Verbesina encelioides</u> (Cav.) Benth. & Hook.	Crownbeard
<u>Viguiera multiflora</u> (Nutt.) Blake	Showy Goldeneye

Botanical name

Common name

CRUCIFERAE

Mustard Family

<u>Arabis demissa</u> Greene	Rock Cress
<u>Arabis fendleri</u> (S. Wats.) Greene	Fendler Rock Cress
<u>Arabis holboellii</u> Hornem	Rock Cress
<u>Arabis lemmoni</u> S. Wats.	Lemmons Rock Cress
<u>Descurainia obtusa</u> (Greene) O. E. Schulz	Tansymustard
<u>Descurainia sophia</u> (L.) Webb	Flixweed Tansymustard
<u>Draba fladnizensis</u> Wulfen	Arctic Draba
<u>Draba nivalis</u> Lilj.	Draba
<u>Erysimum capitatum</u> (Dougl.) Greene	Coastal Wallflower
<u>Erysimum inconspicuum</u> (S. Wats.) Mac Mill.	Smallflower Wallflower
<u>Lepidium montanum</u> Nutt.	Pepperweed
<u>Lesquerella hitchcockii</u> Munz ssp. <u>rubicundula</u> (Roll.) Maguire & Holmgren	Hitchcock Bladderpod
<u>Lesquerella intermedia</u> (S. Wats.) Heller	Bladderpod
<u>Physaria chambersii</u> Roll. var. <u>chambersii</u> Roll.	Twinpod
<u>Physaria chambersii</u> Roll. var. <u>membranacea</u> Roll.	Twinpod
<u>Sisymbrium linifolium</u> Nutt.	Tumblemustard
<u>Streptanthus cordatus</u> Nutt.	Heartleaf Twistflower

EUPHORBIACEAE

Spurge Family

<u>Euphorbia fendleri</u> Torr. & Gray	Fendler Spurge
<u>Euphorbia robusta</u> (Engelm.) Small	Robust Spurge

Botanical name

Common name

FUMARIACEAE

Fumitory Family

Corydalis aurea Willd.

Golden Corydalis

GENTIANACEAE

Gentian Family

Frasera speciosa Dougl.

Elkweed, Showy Green Gentian

Gentiana affinis Griseb.

Rocky Mountain Pleated Gentian

Gentiana amarella L.

Annual Gentian

Gentiana parryi Engelm.

Parry Gentian

GERANIACEAE

Geranium Family

Geranium fremontii Torr.

Fremont Geranium

Geranium marginale Rydb.

Geranium

Geranium richardsonii Fisch. & Trautv.

Richardson Geranium

HYDROPHYLLACEAE

Waterleaf Family

Phacelia neomexicana Thurber

Phacelia

IRIDACEAE

Iris Family

Iris missouriensis Nutt.

Rocky Mountain Iris

LABIATAE

Mint Family

Hedeoma nanum (Torr.) Brig.

Mock Pennyroyal

Marrubium vulgare L.

Common Horehound

Moldavica parviflora (Nutt.) Britton

American Dragonhead

Monardella odoratissima Benth.

Pacific Monardella

Prunella vulgaris L.

Common Selfheal

LEGUMINOSAE

Pea Family

Astragalus amphioxys A. Gray

Locoweed

Botanical name	Common name
<u>Astragalus calycosus</u> Torr.	Locoweed
<u>Astragalus convallarius</u> Greene	Timber Poisonweed
<u>Astragalus cronquistii</u> Barneby	Locoweed
<u>Astragalus diversifolius</u> A. Gray	Locoweed
<u>Astragalus geyeri</u> A. Gray	Locoweed
<u>Astragalus humistratus</u> A. Gray	Locoweed
<u>Astragalus kentrophyta</u> A. Gray	Locoweed
<u>Astragalus megacarpus</u> (Nutt.) A. Gray	Locoweed
<u>Astragalus miser</u> Dougl. var. <u>decumbens</u> (Nutt.) Cronquist	Locoweed
<u>Astragalus platytropis</u> A. Gray	Bladderpod
<u>Astragalus sabulonum</u> A. Gray	Locoweed
<u>Astragalus tegetarius</u> S. Wats.	Mat Milkvetch
<u>Astragalus tenellus</u> Pursh	Looseflower Milkvetch
<u>Hedysarum boreale</u> Nutt.	Northern Sweetvetch
<u>Lotus wrightii</u> (A. Gray) Green	Wright Bird's Foot Trefoil
<u>Lupinus argenteus</u> Pursh	Silvery Lupine
<u>Lupinus kingii</u> S. Wats.	Kings Lupine
<u>Medicago lupulina</u> L.	Black Medic
<u>Melilotus alba</u> Desr.	White Sweet Clover
<u>Melilotus officinalis</u> (L.) Lam.	Yellow Sweet Clover
<u>Oxytropis oreophila</u> A. Gray	Crazyweed
<u>Psoralea castorea</u> S. Wats.	Beaverhead Scurfpea
<u>Psoralea megalantha</u> Woot. & Standl.	Scurfpea

Botanical name	Common name
<u>Trifolium repens</u> L.	White Clover
<u>Vicia americana</u> Muhl.	American Vetch
LILIACEAE	Lily Family
<u>Allium acuminatum</u> Hook	Tapertip Onion
<u>Allium palmeri</u> S. Wats.	Wild Onion
<u>Calochortus flexuosus</u> S. Wats.	Weakstem Mariposa Lily
<u>Calochortus nuttallii</u> Torr.	Sego Lily
<u>Fritillaria atropurpurea</u> Nutt.	Purplespot Fritillary
<u>Leucocrinum montanum</u> Nutt.	Common Starlily
<u>Smilacina stellata</u> (L.) Desf.	Starry Solomon Plume
<u>Yucca angustissima</u> Engelm.	Fineleaf Yucca
<u>Yucca baileyi</u> Woot. & Standl.	
<u>Zigadenus elegans</u> Pursh	Mountain Death Camas
LINACEAE	Flax Family
<u>Linum kingii</u> S. Wats.	Yellow Flax
<u>Linum lewisii</u> Pursh.	Lewis Flax, Blue Flax
MALVACEAE	Mallow Family
<u>Sphaeralcea coccinea</u> (Pursh.) Rydb.	Scarlet Globemallow
ONAGRACEAE	Evening-Primrose Family
<u>Epilobium adenocaulon</u> Hausskn.	Sticky Willow-weed
<u>Epilobium minutum</u> Lindl.	Willow-weed
<u>Oenothera brachycarpa</u> A. Gray	Evening Primrose
<u>Oenothera caespitosa</u> Nutt.	Tufted Evening-Primrose

Botanical name	Common name
<u>Oenothera coronopifolia</u> Torr. & Gray	Evening Primrose
<u>Oenothera flava</u> (A. Nels.) Garrett	Yellow Evening-Primrose
<u>Oenothera lavandulaefolia</u> Torr. & Gray	Lavenderleaf Evening-Primrose
OROBANCHACEAE	Broomrape Family
<u>Orobanche fasciculata</u> Nutt.	Broomrape
ORCHIDACEAE	Orchid Family
<u>Corallorhiza wisteriana</u> Conrad	Wister Coralroot
<u>Habenaria sparsiflora</u> S. Wats.	Canyon Habenaria
POLEMONIACEAE	Phlox Family
<u>Gilia aggregata</u> (Pursh) Spreng.	Skyrocket Gilia
<u>Gilia tenuituba</u> Rydb.	Gilia
<u>Leptodactylon pungens</u> (Torr.) Nutt.	Prickly Phlox
<u>Phlox muscoides</u> Nutt.	Phlox
<u>Phlox longifolia</u> Nutt.	Longleaf Phlox
<u>Phlox diffusa</u> Benth.	Spreading Phlox
POLYGONACEAE	Buckwheat Family
<u>Eriogonum alatum</u> Torr. var. <u>alatum</u> J. L. Reveal	Winged Eriogonum
<u>Eriogonum chrysocephalum</u> A. Gray	
<u>Eriogonum corymbosum</u> Benth. var. <u>corymbosum</u> J. L. Reveal	Corymbed Eriogonum
<u>Eriogonum panguiecense</u> (M. E. Jones) Reveal var. <u>panguiecense</u> J. L. Reveal	
<u>Eriogonum microthecum</u> Nutt. var. <u>laxiflorum</u> (Nutt.) S. Stokes	

Botanical name	Common name
<u>Eriogonum racemosum</u> Nutt. var. <u>racemosum</u> J. L. Reveal	Redroot Eriogonum
<u>Eriogonum umbellatum</u> Torr. var. <u>subaridum</u> (S. Stokes) Munz	
<u>Polygonum aviculare</u> L.	Prostrate Knotweed
<u>Polygonum douglasii</u> Greene var. <u>johnstonii</u> Munz	Sawatch Knotweed
<u>Rumex triangulivalvis</u> (Danser) Rech.	Dock, Sorrel
PRIMULACEAE	Primrose Family
<u>Androsace septentrionalis</u> L.	Rockjasmine
<u>Dodecatheon pulchellum</u> (Raf.) Merrill	Shooting Star
PYROLACEAE	Wintergreen Family
<u>Pterospora andromedea</u> Nutt.	Woodland Pinedrops
<u>Pyrola dentata</u> Smith	Toothleaf Pyrola
<u>Pyrola picta</u> Smith	Whitevein Pyrola
RANUNCULACEAE	Buttercup Family
<u>Anemone multifida</u> Poir.	Pacific Anemone
<u>Aquilegia caerulea</u> James	Columbine
<u>Aquilegia scopulorum</u> Tidestrom	Blue Columbine
<u>Clematis pseudoalpina</u> (Kuntze) A. Nels.	Rocky Mountain Clematis
<u>Ranunculus cymbalaria</u> Pursh.	Rocky Mountain Buttercup
<u>Ranunculus flammula</u> L. var. <u>ovalis</u> (Bigel.) L. Benson	Buttercup
<u>Thalictrum fendleri</u> Engelm.	Fendler Meadow-Rue

Botanical name	Common name
ROSACEAE	Rose Family
<u>Fragaria vesca</u> L. var. <u>bracteata</u> (Heller) R. J. Davis	Strawberry
<u>Ivesia sabulosa</u> (M. E. Jones) Keck	Ivesia
<u>Potentilla anserina</u> L.	Silverweed Cinquefoil
<u>Potentilla concinna</u> Richards	Elegant Cinquefoil
<u>Potentilla crinita</u> A. Gray	Cinquefoil
<u>Potentilla quinquefolia</u> (Rydb.) Rydb.	Cinquefoil
SANTALACEAE	Sandlewood Family
<u>Comandra pallida</u> A. DC	Common Comandra or Bastard Toadflax
SAXIFRAGACEAE	Saxifrage Family
<u>Parnassia parviflora</u> DC.	Smallflower Parnassus
SCROPHULARIACEAE	Figwort Family
<u>Castilleja chromosa</u> A. Nels.	Indian Paintbrush
<u>Castilleja lineaeifolia</u> Benth	Wyoming Painted Cup
<u>Cordylanthus wrightii</u> A. Gray	Wright Birdbeak
<u>Orthocarpus luteus</u> Nutt.	Owlclover
<u>Orthocarpus purpureo-albus</u> A. Gray	Purplewhite Owlclover
<u>Pedicularis centranthera</u> A. Gray	Dwarf Lousewort
<u>Penstemon caespitosus</u> Nutt.	Mat Penstemon
<u>Penstemon comarrhenus</u> A. Gray	Dusty Penstemon
<u>Penstemon leiophyllus</u> Pennell	Penstemon
SOLANACEAE	Potato or Nightshade Family
<u>Solanum triflorum</u> Nutt.	Cutleaf Nightshade

Botanical name

Common name

UMBELLIFERAE

Parsley Family

Cymopterus purpureus S. Wats.

Cymopterus

Ligusticum filicinum S. Wats.

Ligusticum

Pseudocymopterus montanus (A. Gray) Coult

Pseudocymopterus

VERBENACEAE

Verbena or Vervain Family

Verbena bracteata Lag. & Rodr.

Bigbracht Verbena

VIOLACEAE

Violet Family

Viola adunca J. E. Smith

Hook Violet

TREES AND SHRUBS

Botanical name	Common Name
ACERACEAE	Maple Family
<u>Acer glabrum</u> Torr.	Rocky Mountain Maple
<u>Acer grandidentatum</u> Nutt.	Bigtooth Maple
ANACARDIACEAE	Sumac Family
<u>Rhus trilobata</u> Nutt.	Skunkbush Sumac or Squawbush
BERBERIDACEAE	Barberry Family
<u>Berberis fremontii</u> Torr.	Fremont Mahonia
BETULACEAE	Birch Family
<u>Betula occidentalis</u> Hook.	Water Birch
CAPRIFOLIACEAE	Honeysuckle Family
<u>Sambucus caerulea</u> Raf.	Elderberry
<u>Symphoricarpos oreophilus</u> A. Gray	Mountain Snowberry
CELASTRACEAE	Staff-tree Family
<u>Pachistima myrsinites</u> (Pursh.) Raf.	Myrtle Pachistima or Mountain Lover
CHENOPODIACEAE	Goosefoot Family
<u>Atriplex canescens</u> (Pursh.) Nutt.	Fourwing Saltbush
<u>Eurotia lanata</u> (Pursh.) Moq.	Common Winterfat

TREES AND SHRUBS

Botanical name

Common name

COMPOSITAE

Sunflower Family

Artemisia arbuscula Nutt. var.
nova (A. Nels) Cronq.

Black Sagebrush

Artemisia dracunculus L.

Tarragon

Artemisia Frigida Willd.

Fringed Sagebrush

Artemisia ludoviciana Nutt.

Louisiana Sagebrush

Artemisia tridentata Nutt.

Big Sagebrush

Brickellia oblongifolia Nutt.

Brickellia

Chrysothamnus depressus Nutt.

Dwarf Rabbitbrush

Chrysothamnus nauseosus (Pall.) Britton

Rubber Rabbitbrush

Chrysothamnus parryi (A. Gray) Greene

Parry Rabbitbrush

Chrysothamnus pulchellus (A. Gray) Greene

Southwest Rabbitbrush

Chrysothamnus viscidiflorus (Hook.) Nutt.

Yellowbrush

Gutierrezia Sarothrae (Pursh) Britton &
Rusby

Broom Snakeweed

Petradoria pumila (Nutt.) Greene

Rock Goldenrod

Tetradymia canescens DC.

Gray Horsebrush

CORNACEAE

Dogwood Family

Cornus stolonifera Michx.

Redosier Dogwood

CUPRESSACEAE

Cypress Family

Juniperus communis L.

Mt. Common Juniper

Juniperus osteosperma (Torr.) Little

Utah Juniper

Juniperus scopulorum Sarg.

Rocky Mountain Juniper

TREES AND SHRUBS

Botanical name	Common name
ELEAGNACEAE	Oleaster Family
<u>Shepherdia argentea</u> (Pursh) Nutt.	Silver Buffaloberry
<u>Shepherdia canadensis</u> (L.) Nutt.	Russet Buffaloberry
<u>Shepherdia rotundifolia</u> Parry	Roundleaf Buffaloberry
EPHEDRACEAE	Ephedra Family
<u>Ephedra viridis</u> Cov.	Green Ephedra
ERICACEAE	Heath Family
<u>Arctostaphylos patula</u> Greene	Greenleaf Manzanita
<u>Arctostaphylos uva-ursi</u> (L.) Spreng.	Bearberry
FAGACEAE	Beech Family
<u>Quercus gambelii</u> Nutt.	Gambel Oak
LORANTHACEAE	Mistletoe Family
<u>Arceuthobium campylopodum</u> Engelm. forma <u>cyanocarpum</u> (A. Nels.) Gill on <u>Pinus flexilis</u>	Western Dwarfmistletoe
<u>Arceuthobium campylopodum</u> Engelm. forma <u>divaricatum</u> (Engelm.) Gill on <u>Pinus edulis</u>	Dwarfmistletoe
<u>Arceuthobium douglasii</u> Engelm. on <u>Pseudotsuga menziesii</u>	Douglas Dwarfmistletoe
<u>Arceuthobium vaginatum</u> (Willd.) Presl. forma <u>cryptopodum</u> (Engelm.) Gill on <u>Pinus ponderosa</u>	Dwarfmistletoe
<u>Phoradendron juniperinum</u> Engelm. on <u>Juniperus osteosperma</u>	Juniper Mistletoe
PINACEAE	Pine Family
<u>Abies concolor</u> (Gord. & Glend.) Lind.	White Fir

TREES AND SHRUBS

Botanical name	Common name
<u>Picea</u> <u>pungens</u> Engelm.	Blue Spruce
<u>Pinus</u> <u>aristata</u> Engelm.	Bristlecone Pine
<u>Pinus</u> <u>edulis</u> Engelm.	Pinyon Pine
<u>Pinus</u> <u>flexilis</u> James	Limber Pine
<u>Pinus</u> <u>ponderosa</u> Laws	Ponderosa Pine
<u>Pseudotsuga</u> <u>menziesii</u> (Mirb.) Franco	Douglas-Fir
RANUNCULACEAE	Buttercup Family
<u>Clematis</u> <u>ligusticifolia</u> Nutt.	Western Virgin's Bower
RHAMNACEAE	Buckthorn Family
<u>Ceanothus</u> <u>martini</u> M. E. Jones	Martin Ceanothus or Mountain Lilac
ROSACEAE	Rose Family
<u>Amelanchier</u> <u>utahensis</u> Koehne	Utah Serviceberry
<u>Cercocarpus</u> <u>ledifolius</u> Nutt.	Curlleaf Mountain Mahogany
<u>Cercocarpus</u> <u>montanus</u> Raf.	True Mountain Mahogany
<u>Cowania</u> <u>mexicana</u> D. Don	Stansbury Cliffrose
<u>Holodiscus</u> <u>dumosus</u> (Hook.) Heller	Bush Oceanspray
<u>Peraphyllum</u> <u>ramosissimum</u> Nutt.	Squawapple
<u>Potentilla</u> <u>Fruticosa</u> L.	Bush Cinquefoil
<u>Purshia</u> <u>tridentata</u> (Pursh) DC.	Antelope Bitterbrush
<u>Rosa</u> <u>nutkana</u> Presl.	Bristly Nootka Rose
<u>Rosa</u> <u>woodsii</u> Lindl.	Wild Rose
SALICACEAE	Willow Family
<u>Populus</u> <u>angustifolia</u> James	Narrowleaf Cottonwood

TREES AND SHRUBS

Botanical name	Common name
<u>Populus fremontii</u> Wats. var. <u>wislizenii</u> S. Wats.	Rio Grande Cottonwood
<u>Populus tremuloides</u> Michx.	Quaking Aspen
<u>Salix exigua</u> Nutt.	Coyote Willow
<u>Salix lasiandra</u> Benth. var. <u>caudata</u> (Nutt.) Sudw.	Willow
<u>Salix drummondiana</u> Barratt	Drummond Willow
SAXIFRAGACEAE	Saxifrage Family
<u>Ribes aureum</u> Pursh	Golden Gooseberry
<u>Ribes cereum</u> Dougl.	Wax Currant

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