2017
Colorado Rare Plant Symposia
USFS Sensitive Species of Colorado
Forest Service Status Species

• National Forest Management Act (NFMA) – law that directs the management of NFS lands
  – NFMA is implemented in each National Forest’s or National Grassland’s Land Management Plan (LMP)

• The way we do Land Management Plans has changed, status species lists will change accordingly
  – NFS units that have revised their LMP will have Species of Conservation Concern
  – Those that have not will retain Sensitive Species until they revise

• Species protected under the Endangered Species Act are different
Sensitive Species

• What they are: Species with evidence of a current or predicted downward trend

• Threshold for management: No decision can be made that will put a Sensitive species on a trend towards listing as Threatened or Endangered or would lead to the loss of viability on the planning unit (the area that the LMP covers)

• Will continue to be updated until LMP is revised
Species of Conservation Concern (SCC)

• What they are: substantial concern about the species’ ability to persist over the long term in the plan area

• Threshold for management: Effects of a proposed project can not result in ecological conditions that will not support SCC persistence within the plan area

• Can be updated at any time after LMP revision
Species of Conservation Concern

• Management Focus: Creating or maintaining ecological conditions that promote recovery, conservation, and viability. These conditions are spelled out in the revised Land Management Plan.

• Only NFS units that have revised their plans under the 2012 Rule will transition to SCC
  – Rio Grande NF – about halfway through process
  – Grand Mesa, Uncompahgre, and Gunnison NFs – just starting
  – The rest of the NFS units in Colorado are TBD and will keep Sensitive Species until they revise, sensitive list will continue to be updated
Sensitive vs. SCC

- Focus is on threats
- Have fairly general plan components
- Threshold is trend to listing or loss of viability on unit
- Management tends to be hands off
- Region-wide list, but requirement to maintain viability is at the unit-scale

- Focus is on ecological conditions (EC)
- Have species- or ecosystem–specific plan components, specific to the unit
- Threshold is EC that won’t support persistence
- Management focuses on ecosystems
- Each unit has it’s own list tied to Land Management Plan
Aletes lithophilus
(= Neoparrya lithophila)
Rock-loving neoparrya

- **Federal status**: BLM/USFS sensitive
- **Heritage ranks**: G3/S3
- **Global distribution**: New Mexico and Colorado (Chaffee, Conejos, Fremont, Huerfano, Mineral, Rio Grande, and Saguache counties)
- **Elevation range**: 7,170 – 10,270 ft.
- **Colorado occurrences**: 30
- **Primary threats**: unregulated recreation, invasive species and treatment, grazing
Aliciella sedifolia
(= Gilia sedifolia)
Stonecrop gilia

Reviewed under Colorado G1 Species
Aquilegia chrysantha var. rydbergii
Golden columbine

- Federal status: BLM/USFS sensitive
- Heritage ranks: G4T1Q/S1
- Global distribution: Colorado endemic (Fremont, El Paso, Jefferson, and Las Animas)
- Elevation range: 5,000 – 8,200 ft.
- Colorado occurrences: 10 (2 historical)
- Primary threats: recreational activities, streambank scouring, collecting
Aquilegia chrysanthha var. rydbergii
**Armeria scabra** ssp. *sibirica*

(= *Armeria maritima* ssp. *sibirica*)

*Sea pink*

- **Federal status:** USFS sensitive
- **Heritage ranks:** G5T5/S1
- **Global distribution:** Coast of Alaska to California, Scandinavia, central to eastern Asia, also Ontario, New York, Colorado (Park and Summit counties)
- **Elevation range:** 11,900 – 13,000 ft.
- **Occurrences:** 2
- **Primary threats:** unregulated recreation, mining
Armeria scabra ssp. sibirica
Asclepias uncialis ssp. uncialis
Dwarf milkweed

Reviewed under SE & Central Colorado
G2G3 Species
Astragalus iodopetalus
violet milkvetch

- Federal status: USFS sensitive
- Heritage ranks: G2/S1
- Global distribution: New Mexico (historical) and Colorado (Archuleta, Gunnison, La Plata and Montrose counties).
- Elevation range: 6,500-7,260 ft.
- Last observed in Colorado: 2015
- Colorado occurrences: 5 (4 are historical)
- Colorado individuals: unknown
- Primary threats: unknown
- Land ownership/management: Tribal, USFS
Astragalus iodopetalus
Astragalus leptaleus
Park milkvetch

- **Federal status**: USFS sensitive
- **Heritage ranks**: G3G4/S2
- **Global distribution**: Idaho, Montana, Wyoming, and Colorado (Gunnison, Jackson, Park, and Summit counties)
- **Elevation range**: 8,000 – 13,000 ft.
- **Colorado occurrences**: 7
- **Primary threats**: habitat modification, invasive species, unregulated recreation
Astragalus leptaleus
Astragalus missouriensis var. humistratus
Missouri milkvetch

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5T1/S1
- **Global distribution**: New Mexico and Colorado (Archuleta, Hinsdale and La Plata counties)
- **Elevation range**: 6,950 – 8,320 ft.
- **Colorado occurrences**: 10 (2 historical)
- **Primary threats**: roads, housing and urban development
Astragalus missouriensis var. humistratus
**Astragalus proximus**
Aztec milkvetch

- **Federal status**: USFS sensitive
- **Heritage ranks**: G4/S2
- **Global distribution**: New Mexico and Colorado (Archuleta and La Plata counties)
- **Elevation range**: 5,400 – 7,300 ft.
- **Colorado occurrences**: 13 (5 historical)
- **Primary threats**: unknown
Astragalus ripleyi
Ripley milkvetch

- **Federal status**: BLM/USFS sensitive
- **Heritage ranks**: G3/S2
- **Global distribution**: New Mexico and Colorado (Conejos County)
- **Elevation range**: 8,200 – 9,300 ft.
- **Colorado occurrences**: 28 (6 historical)
- **Primary threats**: unknown
Astragalus ripleyi
Botrychium ascendens
Trianglelobe moonwort

- **Federal status**: USFS sensitive
- **Heritage ranks**: G3/S1
- **Global distribution**: Alaska to California, Nevada, NE to Montana, Wyoming, and Colorado (Clear Creek, Eagle, and Park counties)
- **Elevation range**: unknown
- **Colorado occurrences**: 3
- **Primary threats**: road maintenance, unregulated recreation, herbicide use
Botrychium ascendens
Botrychium campestre
Prairie moonwort

- Federal status: USFS sensitive
- Heritage ranks: G3G4/S1
- Global distribution: Canada, Iowa, Michigan, Minnesota, Oregon, Montana, Nebraska, New York, North Dakota, Wisconsin, Wyoming, and Colorado (Clear Creek and Yuma counties.)
- Elevation range: 3,700 – 10,800 ft.
- Colorado occurrences: 2
- Primary threats: unknown
Botrychium campestre
**Botrychium paradoxum**

Peculiar moonwort

- **Federal status**: USFS sensitive
- **Heritage ranks**: G3G4/S1
- **Global distribution**: Utah, Montana, Washington, Canada, California, and Colorado (Gunnison)
- **Elevation range**: unknown
- **Colorado occurrences**: 1
- **Primary threats**: unknown
Braya glabella var. glabella
(= Braya glabella ssp. glabella)
Arctic braya

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5T5?/S1
- **Global distribution**: Circumboreal; Alaska, Canada, and Colorado (Chaffee, Gunnison, Park, and Pitkin counties)
- **Elevation range**: 12,000 – 13,000 ft.
- **Colorado occurrences**: 7 (3 historical)
- **Primary threats**: unregulated recreation, mining, climate change
Braya glabella var. glabella
Calochortus flexuosus
Winding mariposa lily

- **Federal status**: USFS sensitive
- **Heritage ranks**: G4/S2
- **Global distribution**: Arizona, Utah, Nevada, California, New Mexico, and Colorado (Montrose, Montezuma, and San Miguel counties)
- **Elevation range**: 4,500 – 6,000 ft.
- **Colorado occurrences**: 16 (6 historical)
- **Primary threats**: unknown
Calochortus flexuosus
Carex diandra
Lesser panicled sedge

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S1
- **Global distribution**: Circumboreal; Canada, New Jersey, Indiana, California, and Colorado (Boulder, Chaffee, Eagle, Garfield, Grand, Gunnison, Larimer, Rio Grande, Routt, Saguache, San Juan, and Weld counties)
- **Elevation range**: 8,000 – 11,000 ft.
- **Colorado occurrences**: 13
- **Primary threats**: altered hydrology, road construction, timber management
Carex diandra
**Carex livida**
Livid sedge

- Federal status: USFS sensitive
- Heritage ranks: G5/S1
- Global distribution: Canada, south to New Jersey, Michigan, Montana, California, and Colorado (Larimer and Park counties)
- Elevation range: 9,000 – 10,000 ft.
- Colorado occurrences: 8
- Primary threats: altered hydrology, mining, heavy grazing, road construction
Carex livida
**Chenopodium cycloides**  
Sandhill goosefoot

- **Federal status**: USFS sensitive
- **Heritage ranks**: G3G4/S1
- **Global distribution**: Kansas south to Texas, west to New Mexico, and Colorado (Las Animas, Pueblo, and likely Baca county)
- **Elevation range**: 4,000 – 5,500 ft.
- **Colorado occurrences**: 17 (2 historical)
- **Primary threats**: invasive species, oil/gas development, OHVs
Chenopodium cycloides
Cylactis arctica ssp. acaulis
(= Rubus arcticus ssp. acaulis)
Nagoon berry

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5T5/S1
- **Global distribution**: Northern Europe, Asia, Alaska Canada, south to Montana, Wyoming, and Colorado (Grand and Park counties)
- **Elevation range**: 8,600 – 9,700 ft.
- **Colorado occurrences**: 5
- **Primary threats**: altered hydrology, invasive species, unregulated recreation
Cylactis arctica ssp. acaulis
Cypripedium calceolus
ssp. parviflorum
(=Cypripedium parviflorum)
American yellow lady’s-slipper

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S2
- **Global distribution**: Canada, Louisiana, Arizona, New Mexico, and Colorado (Clear Creek, Custer, Douglas, El Paso, Huerfano, Jefferson, La Plata, Larimer, Las Animas, Montrose, Park, and Pueblo counties)
- **Elevation range**: 7,400 – 8,500 ft.
- **Colorado occurrences**: 29
- **Primary threats**: collecting, unregulated recreation, invasive species
Cypripedium calceolus ssp. parviflorum
Draba exunguiculata
Clawless draba

Reviewed under SE & Central Colorado G2G3 Species
Draba grayana
Gray’s Peak whitlow-grass

Reviewed under SE & Central Colorado G2G3 Species
Draba smithii
Smith’s whitlow-grass

Reviewed under SE & Central Colorado G2G3 Species
Draba weberi
Weber’s draba

Reviewed under Colorado T, E & C Plant Species
**Drosera anglica**

**English sundew**

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S1
- **Global distribution**: Eurasia, Alaska, California, Idaho, Wyoming, the Great Lakes, and Colorado (La Plata County)
- **Elevation range**: 8,000 – 9,000 ft.
- **Occurrences**: 1
- **Primary threats**: unknown
Drosera anglica
Drosera rotundifolia
Roundleaf sundew

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S2
- **Global distribution**: Eurasia, Canada, Idaho, Montana, California, Nevada, Florida, and Colorado (Grand, Gunnison, and Jackson counties)
- **Elevation range**: 9,100 – 9,800 ft.
- **Occurrences**: 8
- **Primary threats**: altered hydrology, mining, fire
Drosera rotundifolia
Epipactis gigantea
Giant helleborine

- **Federal status**: USFS sensitive
- **Heritage ranks**: G4/S1S2
- **Global distribution**: Canada, Montana, Wyoming, South Dakota, Texas, Arizona, California, Mexico, and Colorado (Archuleta, Chaffee, Delta, Las Animas, Mesa, Moffat, Montezuma, Montrose, and Saguache counties)
- **Elevation range**: 4,800 – 8,000 ft.
- **Occurrences**: 27 (8 historical)
- **Primary threats**: Hydrologic alterations, unregulated recreation
Epipactis gigantea
Eriogonum brandegeei
Brandegee’s buckwheat

Reviewed under Colorado T, E & C Plant Species
Eriogonum exilifolium
Dropleaf wild buckwheat

- Federal status: USFS sensitive
- Heritage ranks: G3/S2
- Global distribution: Wyoming, Colorado (Grand, Jackson, and Larimer counties).
- Elevation range: 7,820-8,770 ft.
- Last observed in Colorado: 2015
- Colorado occurrences: 10 (2 are historical)
- Colorado individuals: greater than 1,000,000
- Primary threats: weeds, incompatible grazing, roads
- Land ownership/management: BLM, state, private, USFS
Eriophorum altaicum var. neogaeum
Altai cottongrass

- **Federal status**: USFS sensitive
- **Heritage ranks**: G4?T3T4/S3
- **Global distribution**: Alaska, Canada, Utah, and Colorado (Eagle, Park, San Juan, San Miguel, and Saguache counties)
- **Elevation range**: 9,500 – 14,000 ft.
- **Colorado occurrences**: 28 (4 historical)
- **Primary threats**: unknown altered hydrology, unregulated recreation, mining
Eriophorum altaicum var. neogaeum
Eriophorum chamissonis
Chamisso’s cottongrass

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S1
- **Global distribution**: Colorado (Eagle, Gunnison, La Plata, Pitkin, and San Juan counties)
- **Elevation range**: 10,000 – 12,000 ft.
- **Colorado occurrences**: 9
- **Primary threats**: unknown
Eriophorum chamissonis
Eriophorum gracile
Slender cottongrass

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S1S2
- **Global distribution**: Eurasia, Alaska, Canada, California, Nebraska, Illinois, Delaware, and Colorado (Gunnison, Huerfano, Jackson, Larimer, Las Animas, and Park counties)
- **Elevation range**: 8,100 – 12,000 ft.
- **Colorado occurrences**: 23 (5 historical)
- **Primary threats**: altered hydrology, unregulated recreation, mining
Eriophorum gracile
Festuca hallii
Hall fescue

- Federal status: USFS sensitive
- Heritage ranks: G4/S1
- Global distribution: Canada, North Dakota, Montana, Wyoming, and Colorado (Huerfano and Larimer counties)
- Elevation range: 11,000 – 12,000 ft.
- Colorado occurrences: 3
- Primary threats: unregulated recreation, invasive species and treatment
Festuca hallii
Gutierrezia elegans
Lone Mesa
snakeweed

Reviewed under Colorado G1 Species
Ipomopsis aggregata
ssp. weberi
Weber’s scarlet gilia

- **Federal status:** USFS sensitive
- **Heritage ranks:** G5T2/S2
- **Global distribution:** Regional endemic of northern Idaho, south-central Wyoming, and north-central Colorado (Grand, Routt and Jackson counties)
- **Elevation range:** 6,630-10,570 ft.
- **Last observed in Colorado:** 2009
- **Colorado occurrences:** 17 (5 are historical)
- **Colorado individuals:** >5300
- **Primary threats:** recreational use of habitat
- **Land ownership/management:** BLM, local government, private, state, USFS
Ipomopsis aggregata ssp. weberi
Kobresia simpliciuscula
Simple bog sedge

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S2
- **Global distribution**: Alaska, Greenland, Canada, Montana, Utah, Wyoming, and Colorado (Boulder, Clear Creek, Grand, and Park counties)
- **Elevation range**: 10,500 – 11,700 ft.
- **Colorado occurrences**: 13
- **Primary threats**: altered hydrology, unregulated recreation, climate change
Kobresia simpliciuscula
Physaria pruinosa
(=Lesquerella pruinosa)
Pagosa bladderpod

- Federal status: USFS and BLM sensitive
- Heritage ranks: G2/S2
- Global distribution: New Mexico and Colorado (Archuleta County, and the extreme southern portion of Hinsdale County)
- Elevation range: 6,820-8,500 ft.
- Last observed in Colorado: 2012
- Colorado occurrences: 19 (3 are historical)
- Colorado individuals: 5,000 to 20,000
- Primary threats: Residential and commercial development
- Land ownership/management: private, tribe, USFS
Physaria pruinosa
Machaeranthera coloradoensis
(= Xanthisma coloradoense)
Colorado tansy-aster

- Federal status: USFS sensitive
- Heritage ranks: G3/S3
- Global distribution: Wyoming and Colorado (Chaffee, Dolores, Fremont, Gunnison, Hinsdale, La Plata, Lake, Park, Pitkin, Rio Grande, Saguache, San Juan counties)
- Elevation range: 9,000-13,430 ft.
- Last observed in Colorado: 2016
- Colorado occurrences: 35 (4 are historical)
- Colorado individuals: unknown
- Primary threats: unregulated recreation, mining, invasive species, climate change
- Land ownership/management: BLM, state, private, USFS
Machaeranthera coloradoensis
Malaxis monophyllos ssp. brachypoda
(= Malaxis brachypoda)
White adder’s-mouth

- **Federal status:** USFS sensitive
- **Heritage ranks:** G4G5Q/S1
- **Global distribution:** Alaska, Canada, Great Lake States, New England, California, and Colorado (Boulder, El Paso, and Jefferson counties)
- **Elevation range:** 7,200 – 8,000 ft.
- **Colorado occurrences:** 4
- **Primary threats:** altered hydrology, timber harvest, fuels reduction, recreation
Malaxis monophyllos ssp. brachypoda
Mimulus gemmiparous
Budding monkeyflower
(Rocky Mtn. Monkeyflower)

- Reviewed under Colorado T, E & C Plant Species
Oreoxis humilis
(= Cymopterus humilis)
Pikes Peak alpine parsley

Reviewed under Colorado G1 Species
Packera mancosana
Mancos shale packera

Reviewed under Colorado G1 Species
Parnassia kotzebuei
Kotzebue’s grass-of-Parnassus

- **Federal status:** USFS sensitive
- **Heritage ranks:** G5/S2
- **Global distribution:** Asia, Alaska, Canada, Greenland, Washington, Nevada, Wyoming, and Colorado (Boulder, Clear Creek, Grand, Larimer, Park, San Juan, and Summit counties)
- **Elevation range:** 10,000 – 12,000 ft.
- **Occurrences:** 10
- **Primary threats:** altered hydrology, road/trail maintenance, climate change
Parnassia kotzebuei
*Penstemon degeneri*
Degener beardtongue

Reviewed under SE & Central Colorado
G2G3 Species
Penstemon harringtonii
Harrington beardtongue

- **Federal status**: BLM/USFS sensitive
- **Heritage ranks**: G3/S3
- **Global distribution**: Colorado endemic (Grand, Eagle, Routt, Garfield, Pitkin, and Summit)
- **Elevation range**: 6,200 – 9,400 ft.
- **Colorado occurrences**: 73
- **Primary threats**: Residential/agricultural development, off-road vehicle use, exotic plant species invasion, over-grazing, oil/gas development, climate change
Penstemon harringtonii
Physaria pulvinata
Cushion bladderpod

Reviewed under Colorado G1 Species
Physaria scrotiformis
West Silver bladderpod

Reviewed under Colorado G1 Species
- **Federal status**: USFS Sensitive
- **Heritage ranks**: G2/S2
- **Elevation range**: 6,240-10,930 ft.
- **Last observed in Colorado**: 2013
- **Colorado occurrences**: 25 (8 are historical)
- **Colorado individuals**: 36,000+
- **Primary threats**: weeds, residential and commercial development, road work, recreation.
- **Land ownership/management**: local government, NGO/land trust, NPS, state, private, USFS
Potentilla rupincola
Primula egaliksensis
Greenland primrose

- **Federal status:** USFS Sensitive
- **Heritage ranks:** G4G5/S2
- **Global distribution:** circumboreal; Alaska, Canada, Wyoming, and Colorado (Park)
- **Elevation range:** 9,000 – 9,800 ft.
- **Colorado occurrences:** 20 (2 historical)
- **Primary threats:** altered hydrology, unregulated recreation, mining, grazing
Primula egaliksensis
Review under SE & Central Colorado
G2G3 Species

Ptilagrostis porteri
Porter feathergrass
Ranunculus grayi
(= R. gelidus)
Ice cold buttercup

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S1S2
- **Global distribution**: Alaska, Canada, Oregon, Idaho, Utah, Montana, and Colorado (Chaffee, Clear Creek, Gunnison, Hinsdale, Lake, Park, Pitkin, and Summit counties)
- **Elevation range**: 10,500 – 14,300 ft.
- **Colorado occurrences**: 17 (10 historical)
- **Primary threats**: unregulated recreation, mining, climate change
Ranunculus grayi
Salix arizonica
Arizona willow

- **Federal status**: USFS sensitive
- **Heritage ranks**: G2G3/S1
- **Global distribution**: Arizona, New Mexico, Utah, and Colorado (Conejos Co.)
- **Elevation range**: 10,300-10,320 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 1
- **Colorado individuals**: unknown – 32 dense clumps
- **Primary threats**: incompatible grazing, hydrologic alteration
- **Land ownership/management**: USFS
Salix arizonica
Salix candida
Hoary or silver willow

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/S2
- **Global distribution**: Alaska, Canada, New Jersey, Minnesota, North Dakota, South Dakota, Washington, Idaho, Montana, Wyoming, and Colorado (Gunnison, Hinsdale, La Plata, Larimer, and Park counties)
- **Elevation range**: 8,800 – 10,600 ft.
- **Colorado occurrences**: 22
- **Primary threats**: altered hydrology, mining, unregulated recreation, grazing
Salix candida
Salix myrtillifolia
Low blueberry willow

- Federal status: USFS sensitive
- Heritage ranks: G5/S1
- Global distribution: Alaska, Canada, Montana, Wyoming and Colorado (Park County)
- Elevation range: 9,300 ft.
- Colorado occurrences: 6
- Primary threats: altered hydrology, mining, livestock grazing
Salix myrtillifolia
**Salix serissima**
Autumn willow

- **Federal status**: UFSF sensitive
- **Heritage ranks**: G5/S1
- **Global distribution**: Canada, Massachusetts, New Jersey, Indiana, Montana, Wyoming, and Colorado (Larimer, Park, and Routt)
- **Elevation range**: 7,800 – 9,300 ft.
- **Colorado occurrences**: 12 (6 historical)
- **Primary threats**: unregulated recreation, altered hydrology, mining
Salix serissima
Selaginella selaginoides
Club spikemoss

- **Federal status**: USFS sensitive
- **Heritage ranks**: G5/SNA
- **Global distribution**: Canada, Nevada, Wyoming, Michigan, and Colorado
- **Colorado occurrences**: one from Jackson Co 1978, falsely reported
- **Primary threats**: unknown
Selaginella selaginoides
Thalictrum heliophilum
Sun-loving meadowrue

- **Federal status**: BLM & UFSF sensitive
- **Heritage ranks**: G2/S2
- **Global distribution**: Colorado endemic (Garfield, Mesa, and Rio Blanco counties)
- **Elevation range**: 5,950-8,900 ft.
- **Last observed in Colorado**: 2015
- **Colorado occurrences**: 33 (18 are historical)
- **Colorado individuals**: <200,000
- **Primary threats**: Oil and gas development, grazing, weeds
- **Land ownership/management**: BLM, state, private, USFS
Thalictrum heliophilum
Triteleia grandiflora
Largeflower triteleia

- **Federal status**: UFSF sensitive
- **Heritage ranks**: G4G5/S1
- **Global distribution**: Canada, Oregon, California, Idaho, Montana, Wyoming, Utah, and Colorado (Montezuma County)
- **Elevation range**: 7,500 – 8,000 ft.
- **Colorado occurrences**: 1
- **Primary threats**: Habitat fragmentation from roads
Triteleia grandiflora
Utricularia minor
Lesser bladderwort

- **Federal status**: UFSF sensitive
- **Heritage ranks**: G5/S2
- **Global distribution**: North America south to California, Arizona, Illinois, North Carolina; Colorado (Alamosa, Boulder, Delta, Jackson, Larimer, Montezuma, and Park counties)
- **Elevation range**: 7,100 – 11,000 ft.
- **Colorado occurrences**: 10
- **Primary threats**: altered hydrology
Utricularia minor
Viola selkirkii
Selkirk violet

- **Federal status**: UFSF sensitive
- **Heritage ranks**: G5/S1
- **Global distribution**: Canada, Greenland, Washington, New Mexico, and Colorado (Douglas and Larimer counties)
- **Elevation range**: 8,500 – 9,100 ft.
- **Colorado occurrences**: 4 (3 historical)
- **Primary threats**: unregulated recreation, invasive species, streambank scouring
Viola selkirkii