The Colorado Rare Plant Technical Committee presents:

14th Annual
Colorado Rare Plant Symposium
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Sponsored by:
Colorado Native Plant Society
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Colorado Rare Plant Symposia
2006/2012/2017
SE Colorado
G2G3 Species
Location of SE Colorado G2G3 Plant Species
Land Ownership of G2G3 Plant Species of SE Colorado
Asclepias uncialis ssp. uncialis
Dwarf milkweed

- **Federal status**: BLM/USFS sensitive
- **Heritage ranks**: G3G4T2T3/S2
- **Global distribution**: Arizona, Texas, New Mexico, Wyoming, Oklahoma, Utah, and Eastern Colorado (Las Animas, Weld, Kit Carson, Huerfano, Pueblo, Otero, Prowers, Fremont, and El Paso counties)
- **Elevation range**: 3,880-7,730 ft.
- **Last observed in Colorado**: 2013
- **Colorado occurrences**: 38 (11 are historical or extirpated)
- **Colorado individuals**: ~500
- **Primary threats**: Population limitation by unknown biological requirements, altered disturbance regime, habitat loss, spread of exotic species, global climate change
- **Land ownership/management**: BLM, local government, NGO/land trust, federal, state, private, USFS
Asclepias uncialis ssp. uncialis
**Cleome multicaulis** = **Peritoma multicaulis**

Many-stemmed spider-flower

- **Federal status**: BLM sensitive
- **Heritage ranks**: G2G3/S2S3
- **Global distribution**: Mexico, Texas, Arizona, New Mexico, Wyoming and Colorado (Alamosa, Conejos, Costilla, Rio Grande, and Saguache counties)
- **Elevation range**: 7,480-8,190 ft.
- **Last observed in Colorado**: 2017
- **Colorado occurrences**: 40 (12 are historical)
- **Colorado individuals**: ~5,132,000
- **Primary threats**: draining of wetlands
- **Land ownership/management**: BLM, federal, NGO/land trust, NPS, state, private
Cleome multicaulis
**Delphinium ramosum var. alpestre**  
= *Delphinium alpestre*  
Colorado larkspur

- **Federal status**: none
- **Heritage ranks**: G2/S2
- **Global distribution**: New Mexico and Colorado (Costilla, Chaffee, Fremont, Huerfano, Las Animas, Mineral, Park, Saguache, and Summit counties)
- **Elevation range**: 10,850-14,255 ft.
- **Last observed in Colorado**: 2015
- **Colorado occurrences**: 11 (3 are historical)
- **Colorado individuals**: 100+
- **Primary threats**: Trampling from recreational activities
- **Land ownership/management**: private, USFS
Delphinium ramosum var. alpestre
Delphinium robustum
Wahatoya Creek larkspur

- **Federal status**: none
- **Heritage ranks**: G2G3/S2?
- **Global distribution**: New Mexico and Colorado (Huerfano, Las Animas, Saguache and Teller counties)
- **Elevation range**: 7,000-8,600 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 5 – (4 are historical)
- **Colorado individuals**: 100
- **Primary threats**: Some species of *Delphinium* are poisonous to cattle, so the genus as a whole is sometimes targeted for poisonous weed control
- **Land ownership/management**: BLM, private
Delphinium robustum

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www.swcoloradowildflowers.com
Draba exunguiculata
Clawless draba

- Federal status: USFS sensitive
- Heritage ranks: G2/S2
- Global distribution: endemic to Colorado (Boulder, Chaffee, Clear Creek, El Paso, Gilpin, Grand, Lake, Park and Summit counties)
- Elevation range: 10,780-14,120 ft.
- Last observed in Colorado: 2016
- Colorado occurrences: 18 (8 are historical)
- Colorado individuals: ~250
- Primary threats: Trampling from hikers and mountain goats, over-collection for gardens, acid rain, air pollution, and global warming
- Land ownership/management: local government, state, private, USFS
Draba exunguiculata
Draba grayana
Gray’s Peak whitlow-grass

- **Federal status**: USFS sensitive
- **Heritage ranks**: G2/S2
- **Global distribution**: endemic to Colorado (Chaffee, Clear Creek, Grand, Huerfano, Larimer, Park, Pitkin, Saguache, and Summit counties)
- **Elevation range**: 10,630-14,350 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 27 (10 are historical)
- **Colorado individuals**: ~200
- **Primary threats**: Trampling from hikers and mountain goats, over-collection for gardens and global warming
- **Land ownership/management**: NPS, private, USFS
Draba grayana
Draba smithii
Smith’s whitlow-grass

- Federal status: USFS sensitive
- Heritage ranks: G2/S2
- Global distribution: Colorado (Alamosa, Archuleta, Custer, Las Animas, Mineral, and Saguache counties), and NM
- Elevation range: 7,400-13,450 ft.
- Last observed in Colorado: 2017
- Colorado occurrences: 28 (6 are historical)
- Colorado individuals: ~3200
- Primary threats: Habitat modification from hiking and construction
- Land ownership/management: local government, NPS, private, USFS
Draba smithii
Frasera coloradensis
Colorado gentian

- **Federal status**: none
- **Heritage ranks**: G2G3/S2S3
- **Global distribution**: Colorado endemic; (Baca, Bent, Prowers, and Las Animas counties)
- **Elevation range**: 4070-5800 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 30 (3 are historical)
- **Colorado individuals**: 275,000
- **Primary threats**: wind energy, agriculture, and road maintenance
- **Land ownership/management**: NGO/land trust, private, state, USFS
Frasera coloradensis
Herrickia horrida
= Eurybia horrida
Canadian River spiny aster or Horrid herrickia

- **Federal status**: none
- **Heritage ranks**: G2?/S1
- **Global distribution**: New Mexico and Colorado (Las Animas County)
- **Elevation range**: 7,870-9,320 ft.
- **Last observed in Colorado**: 2010
- **Colorado occurrences**: 5 (2 historical)
- **Colorado individuals**: 500+
- **Primary threats**: unknown
- **Land ownership/management**: local government, private
Herrickia horrida
**Nuttallia chrysantha**
= **Mentzelia chrysantha**
Golden blazing star

**Conservation Action Plan**

- **Federal status**: BLM sensitive
- **Heritage ranks**: G2/S2
- **Global distribution**: endemic to Colorado (Fremont, El Paso, and Pueblo counties)
- **Elevation range**: 4,750-6,850 ft.
- **Last observed in Colorado**: 2010
- **Colorado occurrences**: 26 (5 are historical)
- **Colorado individuals**: ~4100
- **Primary threats**: Grazing, quarry activities, and subdivision and road construction
- **Land ownership/management**: BLM, federal, state, private
Nuttallia chrysantha
Nuttallia densa  
= Mentzelia densa  
Arkansas Canyon stickleaf

- **Federal status**: BLM sensitive
- **Heritage ranks**: G2/S2
- **Global distribution**: endemic to Colorado (Fremont County)
- **Elevation range**: 4,750-6,850 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 16 (2 are historical)
- **Colorado individuals**: ~13,500
- **Primary threats**: Recreational development and road construction
- **Land ownership/management**: BLM, state, private
Nuttallia densa
**Oenothera harringtonii**
Arkansas Valley evening primrose

- **Federal status**: none
- **Heritage ranks**: G3/S3
- **Global distribution**: endemic to Colorado (El Paso, Fremont, Huerfano, Las Animas, Otero, and Pueblo counties)
- **Elevation range**: 4,130-6,450 ft.
- **Last observed in Colorado**: 2010
- **Colorado occurrences**: 62 (8 are historical)
- **Colorado individuals**: 12,000+
- **Primary threats**: Habitat loss due to urbanization, road development projects, and resource extraction activities, especially quarrying and surface mining
- **Land ownership/management**: BLM, local government, federal, state, private, USFS
Oenothera harringtonii
**Oonopsis foliosa var. monocephala**
Rayless goldenweed

- **Federal status**: none
- **Heritage ranks**: G3G4T2/S2
- **Global distribution**: endemic to Colorado (Las Animas, Pueblo, and Fremont counties)
- **Elevation range**: 4,330-7,880 ft.
- **Last observed in Colorado**: 2009
- **Colorado occurrences**: 16 (4 are historical)
- **Colorado individuals**: 400,000+
- **Primary threats**: Maintenance on current roads or further developments may disturb or destroy individuals
- **Land ownership/management**: federal, state, private, USFS
Oonopsis foliosa var. monocephala
**Oonopsis “puebloensis”**

= **Oonopsis** sp. 1

**Pueblo goldenweed**

Conservation Action Plan

- **Federal status**: none
- **Heritage ranks**: G2/S2
- **Global distribution**: endemic to Colorado (El Paso, Fremont and Pueblo counties)
- **Elevation range**: 4,850-6,120 ft.
- **Last observed in Colorado**: 2009
- **Colorado occurrences**: 28
- **Colorado individuals**: ~11,000 or more
- **Primary threats**: Shale extraction by cement plants
- **Land ownership/management**: state, private
Oonopsis “puebloensis”
**Oxybaphus rotundifolius**
= **Mirabilis rotundifolia**
Round-leaf four-o’clock

- **Federal status**: none
- **Heritage ranks**: G2/S2
- **Global distribution**: endemic to Colorado (Fremont, Las Animas, El Paso and Pueblo counties)
- **Elevation range**: 4,900-5,900 ft.
- **Last observed in Colorado**: 2014
- **Colorado occurrences**: 38 (2 are historical)
- **Colorado individuals**: ~6200
- **Primary threats**: Highly threatened by residential and recreational development
- **Land ownership/management**: BLM, federal, state, private

Conservation Action Plan
Penstemon degeneri
Degener beardtongue

- Federal status: USFS & BLM sensitive
- Heritage ranks: G2/S2
- Global distribution: endemic to Colorado (Custer, Fremont, Park and Teller counties)
- Elevation range: 6,000-9,450 ft.
- Last observed in Colorado: 2016
- Colorado occurrences: 19 (2 historical)
- Colorado individuals: ~1500
- Primary threats: Motorized and non-motorized recreation, non-native plant invasion, grazing and trampling, extensive herbivory, succession, and global environmental changes
- Land ownership/management: BLM, private, state, USFS
Penstemon degeneri
Physaria calcicola
= Lesquerella calcicola
Rocky Mountain bladderpod

- **Federal status**: none
- **Heritage ranks**: G3/S3
- **Global distribution**: New Mexico and Colorado (Conejos, El Paso, Fremont, Huerfano, Las Animas, and Pueblo counties)
- **Elevation range**: 4,780-9,800 ft.
- **Last observed in Colorado**: 2013
- **Colorado occurrences**: 39 (8 are historical)
- **Colorado individuals**: 24,000
- **Primary threats**: This species occurs in areas that are experiencing rapid development pressures
- **Land ownership/management**: BLM, local government, federal, state, private
Physaria calcicola
Federal status: USFS sensitive
Heritage ranks: G2/S2
Global distribution: Colorado (El Paso, Lake, Park and Summit counties); northern NM
Elevation range: 9,070-12,470 ft.
Last observed in Colorado: 2017
Colorado occurrences: 28 (5 are historical)
Colorado individuals: ~408,000
Primary threats: Alterations to the water table resulting from increased diversion and pumping for the metropolitan front range
Land ownership/management: NGO/land trust, private, USFS
Ptilagrostis porteri
Telesonix jamesii
James’ telesonix

- **Federal status**: none
- **Heritage ranks**: G2G3/S2
- **Global distribution**: New Mexico and Colorado (El Paso, Jefferson, Larimer, Park, and Teller counties); 6700-13,700 ft.
- **Elevation range**: 6,745-13,730 ft.
- **Last observed in Colorado**: 2016
- **Colorado occurrences**: 32 (5 are historical)
- **Colorado individuals**: ~20,000
- **Primary threats**: Motorized and non-motorized recreation, trail or road construction and maintenance, invasive species introduction, and horticultural collection
- **Land ownership/management**: BLM, NGO/land trust, NPS, state, private, USFS
Telesonix jamesii
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