

Level 4 Potential Conservation Area (PCA) Report

Name Buffalo Mountain-Steamboat Springs

Site Code S.USCOHP*27894

IDENTIFIERS

Site ID 2653 Site Class PCA
Site Alias None

Network of Conservation Areas (NCA)

| <u>NCA Site ID</u> | <u>NCA Site Code</u> | <u>NCA Site Name</u> |
|--------------------|----------------------|----------------------|
| - | | No Data |

LOCATORS

Nation United States Latitude 403107N
State Colorado Longitude 1064619W

Quad Code Quad Name

| | |
|----------|-------------------|
| 40106-E7 | Rocky Peak |
| 40106-D6 | Mount Werner |
| 40106-D7 | Steamboat Springs |
| 40106-E6 | Buffalo Pass |

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

SITE DESCRIPTION

| | | |
|-------------------|----------------|-----------------|
| Minimum Elevation | 6,853.00 Feet | 2,088.79 Meters |
| Maximum Elevation | 10,859.00 Feet | 3,309.82 Meters |

Site Description

This site includes a mosaic of aspen forests, spruce - fir forests, montane and subalpine meadows. Associated taxa include aster (*Aster foliaceus*), mountain brome (*Bromus carinatus*), sulphur-flower buckwheat (*Eriogonum subalpinum*), hairy false goldenaster (*Heterotheca villosa*), silvery lupine (*Lupinus argenteus*), Richardson's geranium (*Geranium richardsonii*), Whipple's penstemon (*Penstemon whippleanus*), gooseberry currant (*Ribes montegenum*), Amelanchier, thimbleberry (*Rubacer parviflorus*), rose (*Rosa*), and orchardgrass (*Dactylis glomerata*). Parent material is granite.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 08/10/2009
Designer Panjabi, S.S.

Boundary Justification

The boundary is drawn to include the known occurrences, additional potential habitat, and the local mosaic of plant communities. The boundary was digitized while referencing a one meter digital color orthophoto quad.

Primary Area 36,611.44 Acres 14,816.18 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports three good (B-ranked) occurrences, and several sub-occurrences, of the globally imperiled (G5T2/S2) Rabbit Ears gilia (*Ipomopsis aggregata* ssp. *weberi*). There is also a poor (D-ranked) occurrence of the globally vulnerable (G3?Q/S1) large-flower globe-mallow (*Iliamna grandiflora*).

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Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

| <u>Element</u> | | | <u>Global</u> | <u>State</u> | <u>Driving</u> |
|-----------------|---|---------------------------|---------------|--------------|------------------|
| <u>State ID</u> | <u>State Scientific Name</u> | <u>State Common Name</u> | <u>Rank</u> | <u>Rank</u> | <u>Site Rank</u> |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | Yes |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
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| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
| 19359 | <i>Iliamna grandiflora</i> | large-flower globe-mallow | G3?Q | S1 | No |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | No |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | Yes |
| 18031 | <i>Ipomopsis aggregata</i> ssp. <i>weberi</i> | Rabbit Ears gilia | G5T2 | S2 | Yes |

REFERENCES

| <u>Reference ID</u> | <u>Full Citation</u> |
|---------------------|----------------------|
| - | No Data |

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

| | |
|-----------------------|---------------|
| Version Date | 08/10/2009 |
| Version Author | Panjabi, S.S. |

Disclaimer

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