

# Level 4 Potential Conservation Area (PCA) Report

Name Stanley Mountain

Site Code S.USCOHP\*1343

## IDENTIFIERS

Site ID 1645 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 394747N  
State Colorado Longitude 1054847W

Quad Code Quad Name  
39105-G7 Berthoud Pass

### County

Grand (CO)  
Clear Creek (CO)

Watershed Code Watershed Name  
10190004 Clear  
14010001 Colorado headwaters

## SITE DESCRIPTION

Minimum Elevation 12,000.00 Feet 3,658.00 Meters  
Maximum Elevation 12,400.00 Feet 3,780.00 Meters

### Site Description

The site is a broad NW-facing tundra ridge. Generally rolling and slumping topography is parallel to the predominant slope of ridge. Elevation ranges from 12,000 to 12,400 ft, slightly higher near Stanley Mountain and other small knobs. Vegetation is well developed, wind swept and probably clear of snow in the winter. There is much *Acomostylis rossii* throughout. In places it is very abundant with *Artemisia scopulorum*. Elk droppings and tracks are throughout as well as areas of slumpy terrain with high moisture and small "ponds" with *Pedicularis* and *Carices*.

### Key Environmental Factors

No Data

### Climate Description

No Data

### Land Use History

Probably was grazed by sheep in the 1920's and 1930's.

### Cultural Features

No Data

## SITE DESIGN

Site Map P - Partial Mapped Date 09/12/1994  
Designer Pague, C.A.

### Boundary Justification

The boundaries convey only a general idea of the extent of the plant communities. The communities are a mosaic with *Paronychia* fellfield occupying the windward sides of the ridge tops. All communities extend outside of mapped boundaries north. Further investigation is needed to determine the full extent of the area to the north as far as the Twin Cones.

Primary Area 846.08 Acres 342.40 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This site contains an excellent (A-ranked) occurrence of an alpine meadow plant community which is apparently secure on a global scale (G4/S4), *Carex rupestris* - *Geum rossii*, and excellent (A-ranked) occurrences of three globally common (G5/S5) alpine communities.

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Other Values Rank No Data

## Other Values Comments

No Data

## LAND MANAGEMENT ISSUES

### Land Use Comments

Presently used by hikers and maybe cross country skiers as a gentle ridge climb from Winter Park area. Probably was grazed by sheep in the 1920's and 1930's. Trail from hikers is very faint. Increased activity from CDT users would impact the vegetation.

### Natural Hazard Comments

Lightening, windchill: extremes of weather.

### Exotics Comments

No Data

### Offsite

Grazing in area? Probably below timberline.

### Information Needs

Good area for quantitative studies of alpine vegetation patterns. The extent of these communities, especially to the north, needs to be verified. It is possible that the site boundary should be significantly larger. Needs more work - at least 1 plot and more floristic survey.

## 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>
24509	<i>Deschampsia caespitosa</i> - <i>Geum rossii</i> Herbaceous Vegetation	Mesic Alpine Meadows	G5	S5	Yes
24966	<i>Carex rupestris</i> - <i>Geum rossii</i> Herbaceous Vegetation	Alpine Meadows	G4	S4	Yes
24698	<i>Paronychia pulvinata</i> - <i>Silene acaulis</i> Dwarf-shrubland	Alpine Fellfields	G5	S5	Yes
24953	<i>Kobresia myosuroides</i> - <i>Geum rossii</i> Herbaceous Vegetation	Alpine Meadows	G5	S5	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
163342	Reid, M. 1992. Field Survey for the Continental Divide Trail Route Evaluation.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	09/12/1994
<b>Version Author</b>	Pague, C.A.

## Disclaimer

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