

# Level 4 Potential Conservation Area (PCA) Report

Name Simpson Mesa

Site Code S.USCOHP\*7766

## IDENTIFIERS

Site ID 2005 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>
1198	S.USVAHQ*484	Western High Plains

## LOCATORS

Nation United States Latitude 405701N  
State Colorado Longitude 1044413W

Quad Code Quad Name  
40104-H6 Chalk Bluffs West

County  
Weld (CO)

Watershed Code Watershed Name  
10190008 Lone Tree-Owl

## SITE DESCRIPTION

Minimum Elevation - Feet - Meters  
Maximum Elevation - Feet - Meters

### Site Description

Population on edge of narrow point. Surrounded by shortgrass prairie in fair-good condition. Geology is White River formation with shallow, skeletal fine sand soil at approximately 6000 feet. The associated taxa include Chondrosium gracile, Stipa comata, Artemisia frigida, Stenotus armerioides, Astragalus spatulatus, Phlox hoodii, Paronychia sessiliflora. Cushion plant community. Stenotus armerioides is the most dependable co-occurring species and is the most diagnostic.

### 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 03/20/1997  
Designer Fayette, K.K.

### Boundary Justification

Boundary is drawn to protect occurrence from direct impacts such as trampling or other surface disturbances. A buffer is drawn to provide plants with suitable habitat where additional individuals can become established over time.

Primary Area 97.53 Acres 39.47 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

### Biodiversity Significance Comments

A fair (C-ranked) occurrence of a state rare (G5S2) plant species.

Other Values Rank No Data

### Other Values Comments

No Data

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## 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 Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
17096	<i>Oreocarya cana</i>	mountain cat's-eye	G5	S2	Yes

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	03/20/1997
<b>Version Author</b>	Fayette, K.K.

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