

# Level 4 Potential Conservation Area (PCA) Report

Name Kelso Gulch

Site Code S.USCOHP\*10591

## IDENTIFIERS

Site ID 71 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 384225N  
State Colorado Longitude 1081236W

### Quad Code Quad Name

38108-F2 Roubideau

### County

Delta (CO)

### Watershed Code Watershed Name

14020005 Lower Gunnison

## SITE DESCRIPTION

Minimum Elevation	5,240.00 Feet	1,597.00 Meters
Maximum Elevation	5,600.00 Feet	1,707.00 Meters

### Site Description

This site is based on a Colorado hookless cactus population documented by BLM surveys in the early 1990s. However, the plants were not relocated in 1997 or 2010. The vegetation of the site is dominated by shadscale with galleta and broom snakeweed. Condition of the plant community is varied, with patches of abundant grass interspersed with patches having less grass and more snakeweed. There is some invasion by halogeton along the roads.

### Key Environmental Factors

No Data

### Climate Description

Arid semi-desert.

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map Y - Yes Mapped Date 12/01/1997

Designer Lyon, M.J.

### Boundary Justification

The site is drawn to include a cluster of ten sub-populations of the Uinta Basin hookless cactus, as mapped by BLM researchers.

Primary Area 1,376.71 Acres 557.14 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

The site includes a good (B-ranked) occurrence of Colorado hookless cactus (*Sclerocactus glaucus*), a globally imperiled (G2G3/S2S3) plant. However, there have been unsuccessful attempts to locate these populations in 1997 and 2010.

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</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>
16984	<i>Sclerocactus glaucus</i>	Colorado hookless cactus	G2G3	S2S3	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
198627	Lyon, P. and B. Kuhn. 2010. Rare Plant Survey of Dominguez-Escalante National Conservation Area.
178765	Lyon, P. and E. Williams. 1997. Final Report: Natural Heritage Biological Survey of Delta County. Colorado Natural Heritage Program, Fort Collins, CO.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	12/09/2010
<b>Version Author</b>	Kuhn, B. and M.J. Lyon

## Disclaimer

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