

Level 4 Potential Conservation Area (PCA) Report

Name Reeder Mesa

Site Code S.USCOHP*6815

IDENTIFIERS

Site ID 636 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 385657N
State Colorado Longitude 1082129W

<u>Quad Code</u>	<u>Quad Name</u>
38108-H3	Juniata Reservoir
38108-H4	Whitewater

County
Mesa (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14020005	Lower Gunnison

SITE DESCRIPTION

Minimum Elevation	5,000.00 Feet	1,524.00 Meters
Maximum Elevation	5,300.00 Feet	1,615.00 Meters

Site Description

This site, on the lower slopes of Grand Mesa, has Mancos shale littered with basalt cobbles. There is a diversity of species of the desert shrub community, including Gardner saltbush, woody aster, longleaf phlox, paper flower, scarlet globemallow, and Indian rice grass. The hookless cactus (*Sclerocactus glaucus*) population found here seems to be intermediate with fishhook cactus (*Sclerocactus parviflorus*), in that some plants have hooked central spines, while adjacent plants have straight spines.

Key Environmental Factors

No Data

Climate Description

arid semi-desert

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 07/07/2009
Designer Panjabi, S.S.

Boundary Justification

The boundary was drawn to include occurrences of *Sclerocactus glaucus* and *Oreocarya longiflora* with adjacent habitat in the same community type.

Primary Area 2,036.71 Acres 824.23 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

The site supports an extant occurrence of the globally vulnerable (G3/S3) long-flower cat's-eye (*Oreocarya longiflora*). An historical occurrence from the early 1980s was documented near the southern end of the site. There is also an unrankable occurrence of the globally imperiled (G2G3/S2S3) Colorado hookless cactus (*Sclerocactus glaucus*) and a good to fair (BC-ranked) occurrence of the globally vulnerable to globally secure (G3G5/S3) *Atriplex confertifolia* / *Leymus salinus* cold desert shrubland.

Other Values Rank No Data

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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

Current field surveys are needed to document quality of rare plant populations.

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>
24362	<i>Oreocarya longiflora</i>	long-flower cat's-eye	G3	S3	Yes
24655	<i>Atriplex confertifolia</i> / <i>Leymus salinus</i> Shrubland	Cold Desert Shrublands	G3G5	S3	No
16984	<i>Sclerocactus glaucus</i>	Colorado hookless cactus	G2G3	S2S3	Yes

REFERENCES

Reference ID

Full Citation

173289

Lyon, P., C. Pague, R. Rondeau, L. Renner, C. Slater, and C. Richard. 1996. Final Report: Natural Heritage Inventory of Mesa County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 12/01/1996

Version Author Lyon, M.J.

Disclaimer

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