

Level 4 Potential Conservation Area (PCA) Report

Name Cow Ridge

Site Code S.USCOHP*478

IDENTIFIERS

Site ID 693 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>
2470	S.USCOHP*27039	Roan

LOCATORS

Nation United States Latitude 392513N
State Colorado Longitude 1082826W

Quad Code Quad Name

39108-D3 Long Point
39108-D5 Middle Dry Fork
39108-D4 The Saddle

County

Garfield (CO)

Watershed Code Watershed Name

14010006 Parachute-Roan

SITE DESCRIPTION

Minimum Elevation 6,000.00 Feet 1,829.00 Meters
Maximum Elevation 8,428.00 Feet 2,569.00 Meters

Site Description

Cow Ridge is the upland between two east-flowing drainages, the North Dry Fork and Kimball Creek. Both flow into Roan Creek. The site takes in the south-facing slopes of the ridge, above the North Dry Fork. The top of the ridge consists of the Parachute Creek member of the Green River shale. The lower elevations are composed of Green River marlstone, while in the eastern end at lower elevations, the Wasatch and Ohio formations are found. The sparsely vegetated south slopes have much barren exposed shale, and a mixture of pinon, juniper, and mountain shrubs, including Gambel's oak, chokecherry, snowberry, mountain mahogany and serviceberry. There are a few scattered Douglas-fir and ponderosa pine.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 01/30/2001
Designer Lyon, M.J.

Boundary Justification

The boundary was revised in 2001 to include the area that supports the long-term survival of the Piceance bladderpod occurrence. It includes the south-facing slopes of Cow Ridge above the North Dry Fork, which support two rare plant species. Some adjacent suitable habitat that is presently unoccupied is included to allow for movement of the plant populations over time, as landslides open up new sites, and existing sites become too heavily vegetated for the targeted species.

Primary Area 14,606.31 Acres 5,910.99 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains excellent (A-ranked) and historical occurrences of a globally imperiled (G2/S2) plant,

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Piceance bladderpod (*Lesquerella parviflora*). There are also unranked occurrences of a globally vulnerable (G3/S3) plant, Utah fescue (*Argillochloa dasyclada*).

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>
17683	<i>Lesquerella parviflora</i>	Piceance bladderpod	G2	S2	No
18994	<i>Argillochloa dasyclada</i>	Utah fescue	G3	S3	No
18994	<i>Argillochloa dasyclada</i>	Utah fescue	G3	S3	No
17683	<i>Lesquerella parviflora</i>	Piceance bladderpod	G2	S2	No
17683	<i>Lesquerella parviflora</i>	Piceance bladderpod	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 01/30/2001

Version Author Lyon, M.J.

Disclaimer

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