

Level 4 Potential Conservation Area (PCA) Report

Name Clear Creek

Site Code S.USCOHP*1356

IDENTIFIERS

Site ID 702 Site Class PCA
Site Alias Garfield County Clear Creek Macrosite

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 393343N
State Colorado Longitude 1082035W

Quad Code Quad Name

39108-E3	Mount Blaine
39108-E4	Desert Gulch
39108-F3	Bull Fork
39108-F4	Figure Four Spring
39108-D3	Long Point

County

Garfield (CO)

Watershed Code Watershed Name

14010006 Parachute-Roan

SITE DESCRIPTION

Minimum Elevation	5,513.00	Feet	1,680.00	Meters
Maximum Elevation	8,000.00	Feet	2,438.00	Meters

Site Description

Clear Creek, a tributary of Roan Creek, is a major drainage of the Roan Plateau, and includes numerous small side drainages. The lower part of the drainage is composed of the Wasatch formation, while the upper part and the steep sides are in the Green River formation, marlstones below and Parachute Creek member above. Significant areas within this large PCA include Red Point, Sheep Gulch, Mud Springs Creek, Camp Gulch, Deer Park Gulch, Scott Gulch, Buck Gulch, Doe Gulch, and Tom's Creek Canyon. The PCA is almost completely privately owned, primarily by large oil companies. There are a few small BLM parcels included.

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 02/01/2001
Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to include Clear Creek and its tributaries, with their Green River shale canyonsides, to the rim, but does not include the mesa tops. It includes springs at the head of tributaries that support the hanging garden sullivania. Some unoccupied habitat for the shale endemic plants 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	14,173.85	Acres	5,735.98	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

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Biodiversity Significance Comments

This site contains good (B-ranked) and excellent (A-ranked) occurrences of several plant species which are vulnerable on a global scale. It also contains occurrences of plant communities which are imperiled or vulnerable on a global scale.

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

Many occurrences are historical. Need current field survey to verify 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>
24683	<i>Atriplex confertifolia</i> / <i>Achnatherum hymenoides</i> Shrubland	Cold Desert Shrublands	G3	S2	No
24592	<i>Pseudotsuga menziesii</i> / <i>Symphoricarpos oreophilus</i> Forest	Western Slope Douglas Fir Forests	G5	S4	No
17361	<i>Mentzelia rhizomata</i>	Roan Cliffs blazing star	G2	S2	No
18994	<i>Argilochloa dasyclada</i>	Utah fescue	G3	S3	No
21414	<i>Thalictrum heliophilum</i>	sun-loving meadowrue	G2	S2	No
19708	<i>Vulpes macrotis</i>	Kit Fox	G4	S1	No
24862	<i>Catabrosa aquatica</i> - <i>Mimulus</i> ssp. Spring Wetland	Spring Wetland	GU	S3	No
17361	<i>Mentzelia rhizomata</i>	Roan Cliffs blazing star	G2	S2	No
18994	<i>Argilochloa dasyclada</i>	Utah fescue	G3	S3	No
21414	<i>Thalictrum heliophilum</i>	sun-loving meadowrue	G2	S2	Yes
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
18994	<i>Argilochloa dasyclada</i>	Utah fescue	G3	S3	No
24554	<i>Pseudoroegneria spicata</i> - <i>Achnatherum hymenoides</i> Herbaceous Vegetation	Western Slope Grasslands	G3G4	SU	No
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
24830	<i>Pinus edulis</i> - <i>Juniperus</i> spp. / <i>Cercocarpus montanus</i> Woodland	Mesic Western Slope Pinyon-Juniper Woodlands	G5	S4	No
21414	<i>Thalictrum heliophilum</i>	sun-loving meadowrue	G2	S2	No
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
24619	<i>Populus angustifolia</i> / <i>Rhus trilobata</i> Woodland	Narrowleaf Cottonwood/Skunkbrush	G3	S3	No
24683	<i>Atriplex confertifolia</i> / <i>Achnatherum hymenoides</i> Shrubland	Cold Desert Shrublands	G3	S2	No
22214	<i>Sullivantia hapemanii</i> var. <i>purpusii</i>	Hanging Garden sullivantia	G3T3	S3	No
24522	<i>Atriplex confertifolia</i> / <i>Pseudoroegneria spicata</i> Shrubland	Cold Desert Shrublands	G3	S2S3	No
18994	<i>Argilochloa dasyclada</i>	Utah fescue	G3	S3	No
24592	<i>Pseudotsuga menziesii</i> / <i>Symphoricarpos oreophilus</i> Forest	Western Slope Douglas Fir Forests	G5	S4	No

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REFERENCES

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

ADDITIONAL TOPICS

Additional Topics
No Data

VERSION

Version Date 02/01/2001
Version Author Lyon, M.J.

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