

Level 4 Potential Conservation Area (PCA) Report

Name Paradox Valley North

Site Code S.USCOHP*895

IDENTIFIERS

Site ID 1839 Site Class PCA
Site Alias Paradox Valley

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 382310N
State Colorado Longitude 1085450W

Quad Code Quad Name

38108-C8	Paradox
38108-D8	Roc Creek
38108-C7	Davis Mesa
38108-D7	Red Canyon

County

Montrose (CO)

Watershed Code Watershed Name

14030002	Upper Dolores
14030004	Lower Dolores

SITE DESCRIPTION

Minimum Elevation	5,200.00	Feet	1,585.00	Meters
Maximum Elevation	7,000.00	Feet	2,134.00	Meters

Site Description

The Paradox Valley North site is located on the north side of Paradox Valley and west of the Dolores River at the base of Carpenter Ridge, on dark red soils derived from the Chinle Formation. The Payson lupine and Paradox breadroot are both locally common in the bottoms and on the sides of draws at the base of the south-facing slopes. There are many thousands of individuals of each species, with a variety of ages represented. Vegetation consists of Utah juniper woodland, with galleta and snakeweed. The plant community is in good condition with few exotic species present. The Abajo penstemon occurs on the slopes with pinon, juniper, cliffrose, Mormon tea, and serviceberry. Other associated species are mountain big sagebrush, yellow cats-eye, rough-seed cat's-eye, blue grama, Spanish bayonet, Wingate milkvetch, three-awn, Townsend's Easter daisy, prickly pear cactus, and hedgehog cactus. The area experiences light vehicle use. Ownership is mostly BLM with some private land on the south side.

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 03/13/2000
Designer Lyon, M.J. and J.R. Sovell

Boundary Justification

The boundary is drawn to include the lower edge of the pinon - juniper community which support the Payson lupine and Paradox breadroot, and includes the cliff faces to the canyon rim, which are the site of Peregrine Falcon eyries. It encompasses the known occupied sites of Payson lupine and Paradox breadroot, while allowing adequate additional habitat for these species to move or expand over time. The site does not allow for all of the needs such as foraging area for the bird species.

Primary Area	6,567.60	Acres	2,657.82	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains an excellent (A-ranked) occurrence, a fair (C-ranked) occurrence and historical occurrences of a globally imperiled (G2/S2) plant, Payson lupine (*Lupinus crassus*). It also contains an excellent (A-ranked) occurrence of a globally vulnerable (G3/S2) plant, Paradox breadroot (*Pediomelum aromaticum*).

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 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>			
18584	<i>Aspidoscelis velox</i>	Plateau Striped Whiptail	G5	S4	No
18466	<i>Lupinus crassus</i>	Payson lupine	G2	S2	Yes
18466	<i>Lupinus crassus</i>	Payson lupine	G2	S2	No
18466	<i>Lupinus crassus</i>	Payson lupine	G2	S2	No
18466	<i>Lupinus crassus</i>	Payson lupine	G2	S2	No
18115	<i>Pediomelum aromaticum</i>	Paradox breadroot	G3	S2	No
21725	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	G4T4	S2B	No
21725	<i>Falco peregrinus anatum</i>	American Peregrine Falcon	G4T4	S2B	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192792	Lyon, P. and J. Sovell. 2000. Final Report: A Natural Heritage Assessment, San Miguel and Western Montrose Counties, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/13/2000
Version Author	Lyon, M.J. and J.R. Sovell

Disclaimer

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