

Level 4 Potential Conservation Area (PCA) Report

Name Hog Point

Site Code S.USCOHP*5795

IDENTIFIERS

Site ID 1117 Site Class PCA
Site Alias Hog Park Wash

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 382435N
State Colorado Longitude 1084308W

Quad Code Quad Name
38108-D6 Atkinson Creek

County
Montrose (CO)

Watershed Code Watershed Name
14030003 San Miguel

SITE DESCRIPTION

Minimum Elevation	5,200.00 Feet	1,584.96 Meters
Maximum Elevation	5,800.00 Feet	1,767.84 Meters

Site Description

BLM personnel found the Payson lupine in 1987, on cobbly silt and sandy alluvial soils. Estimated number of plants was more than 1000. Associated species included big sagebrush, virgin's bower, yucca and Indian ricegrass. At that time the researchers noted that grazing was heavy, especially in section 14.

The riparian plant community on Atkinson Creek at this site was surveyed in 1991 by CNHP. It was evaluated as only a fair occurrence, because researchers found numerous exotic grass and forb species in an area that is apparently heavily used by cattle. In addition to the exotic species, stream banks had been eroded, the channel widened, and willows heavily grazed.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 02/07/2000
Designer Culver, D.R.

Boundary Justification

The boundary is drawn to encompass the Payson lupine and the narrowleaf cottonwood/skunkbrush element occurrences. The boundary encompasses the steep hillside of the adjacent mesas and the river bottom lands.

Primary Area 508.10 Acres 205.62 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The Payson lupine was in fair (C-ranked) condition in 1987 and was estimated to contain over 1,000 individual plants. This plant is considered globally imperiled (G2/S2). The globally vulnerable (G3/S3) narrowleaf cottonwood/skunkbrush community was evaluated as being in fair condition (C-ranked) as well. The degraded condition of the site lowers the viability of the occurrences and the biodiversity significance of the entire site.

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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

Offsite hydrology alterations need to be addressed.

Information Needs

Current field survey needed 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>
18466	<i>Lupinus crassus</i>	Payson lupine	G2	S2	Yes
24619	<i>Populus angustifolia</i> / <i>Rhus trilobata</i> Woodland	Narrowleaf Cottonwood/Skunkbrush	G3	S3	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

Original site design by Culver, D.R. 1996-09-27.

VERSION

Version Date 02/07/2000
Version Author Lyon, M.J.

Disclaimer

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