

Level 4 Potential Conservation Area (PCA) Report

Name Canon City Hogback

Site Code S.USCOHP*8045

IDENTIFIERS

Site ID 1239 Site Class PCA
Site Alias Canon City

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
2466	S.USCOHP*27035	Arkansas Valley Barrens

LOCATORS

Nation United States Latitude 382830N
State Colorado Longitude 1051507W

Quad Code Quad Name

38105-D2	Canon City
38105-D3	Royal Gorge
38105-E3	Rice Mountain
38105-E2	Cooper Mountain

County

Fremont (CO)

Watershed Code Watershed Name

11020002 Upper Arkansas

SITE DESCRIPTION

Minimum Elevation	5,377.00 Feet	1,638.91 Meters
Maximum Elevation	6,217.00 Feet	1,894.94 Meters

Site Description

The site is characterized by a north-south running hogback and adjacent foothills habitat. The hogback is on the edge of the Canon City Embayment, a geological feature derived during the inland seas of the Cretaceous; it curves around the base of the foothills just west of Canon City. The hogbacks are blanketed by pinon - juniper woodlands with both grassland and barrens openings. The intervening valleys are grasslands. The dominant plant community adjacent to the relatively barren shale outcrops is pinon pine (*Pinus edulis*) - juniper (*Juniperus* spp.) / mountain mahogany (*Cercocarpus montanus*) woodlands. Additional associated plant species include branched noseburn (*Tragia ramosa*), desert pricklypear (*Opuntia phaeacantha*), James' buckwheat (*Eriogonum jamesii*), purple threeawn (*Aristida purpurea*), Colorado four o'clock (*Mirabilis multiflora*), blackfoot daisy (*Melampodium leucanthum*), James' galleta (*Hilaria jamesii*), and spider milkweed (*Asclepias asperula*).

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 09/24/2009

Designer Panjabi, S.S.

Boundary Justification

The boundary is drawn to include the known occurrences, additional potential habitat, and the local mosaic of plant communities. The boundary was digitized while referencing a one meter digital color orthophoto quad and a 1:100,000 digital quad.

Primary Area 1,622.29 Acres 656.52 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

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Biodiversity Significance Comments

The site supports a good (B-ranked) and a fair to poor (CD-ranked) occurrence of the globally imperiled (G2/S2) round-leaf four-o'clock (*Oxybaphus rotundifolius*), a good (B-ranked) occurrence of the globally vulnerable (G3/S3) Rocky Mountain bladderpod (*Lesquerella calcicola*), a good to fair (BC-ranked) occurrence of the globally imperiled (G2/S2) Fendler's townsend-daisy (*Townsendia fendleri*), and a good (B-ranked) occurrence of the globally imperiled (G2/S2) golden blazing star (*Nuttallia chrysantha*).

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>
19348	<i>Nuttallia chrysantha</i>	golden blazing star	G2	S2	No
23147	<i>Oxybaphus rotundifolius</i>	round-leaf four-o'clock	G2	S2	Yes
21031	<i>Lesquerella calcicola</i>	Rocky Mountain bladderpod	G3	S3	No
17481	<i>Townsendia fendleri</i>	Fendler's townsend-daisy	G2	S2	No
23147	<i>Oxybaphus rotundifolius</i>	round-leaf four-o'clock	G2	S2	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

Original site design by Spackman, S.C. 1997-04-01.

VERSION

Version Date	09/24/2009
Version Author	Panjabi, S.S.

Disclaimer

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