

Level 4 Potential Conservation Area (PCA) Report

Name Greenhorn Creek at I-25

Site Code S.USCOHP*24065

IDENTIFIERS

Site ID 1748 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>
-		No Data

LOCATORS

Nation United States Latitude 380245N
State Colorado Longitude 1044406W

Quad Code Quad Name
38104-A6 Verde School

County
Pueblo (CO)

Watershed Code Watershed Name
11020002 Upper Arkansas

SITE DESCRIPTION

Minimum Elevation	5,340.00 Feet	1,628.00 Meters
Maximum Elevation	5,700.00 Feet	1,737.00 Meters

Site Description

Adjacent to an abandoned rest area along I-25, this site consists of sedimentary bluffs in shortgrass prairie vegetation with scattered juniper. The rock outcrops support the rare Rocky Mountain bladderpod (*Lesquerella calycicola*), as well as blazing star (*Nuttallia decapetala*) and prickly poppy (*Argemone* sp.). The shortgrass prairie includes blue grama (*Bouteloua gracilis*), three-awn grass (*Aristida purpurea*), needle-and-thread grass (*Hesperostipa comata*), Indian ricegrass (*Oryzopsis hymenoides*), rabbitbrush (*Chrysothamnus* sp.), yucca (*Yucca glauca*), and cholla (*Cylindropuntia imbricata*). A couple of rough dirt roads cross the area, and some intermittent streams drain toward the east. The site has good views of the Wet Mountains.

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 01/24/2003
Designer Spackman, S.C.

Boundary Justification

The boundary encompasses the element occurrence, plus unsurveyed, apparently suitable habitat in the vicinity of the occurrence (shaly hills that have not been surveyed but that have been included as potential habitat). In general, site boundaries are drawn to represent our best estimate of the primary area needed for the survival of the occurrence. This area is estimated to be sufficiently large to protect intact (or at least allow simulation of) most of the natural ecological processes necessary for survival of the species, including reproduction ecology, and hydrology. The boundaries also include the mosaic of community types on which the species may rely (knowledge of this species is incomplete).

Primary Area 990.88 Acres 401.00 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains an unranked (E-ranked) occurrence of a globally vulnerable (G3/S3) plant species, Rocky

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Mountain bladderpod (*Lesquerella calcicola*).

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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

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>
21031	<i>Lesquerella calcicola</i>	Rocky Mountain bladderpod	G3	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/24/2003
Version Author	Spackman, S.C.

Disclaimer

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