

Level 4 Potential Conservation Area (PCA) Report

Name Badger Creek Tunnel

Site Code S.USCOHP*8790

IDENTIFIERS

Site ID 1186 Site Class PCA
Site Alias Badger Creek

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 382818N
State Colorado Longitude 1055147W

Quad Code Quad Name

38105-D7 Howard
38105-D8 Wellsville

County

Fremont (CO)

Watershed Code Watershed Name

11020001 Arkansas Headwaters

SITE DESCRIPTION

Minimum Elevation	6,775.00 Feet	2,065.02 Meters
Maximum Elevation	7,115.00 Feet	2,168.65 Meters

Site Description

This site contains dry, open cliffs and rock outcrops above the north side of the Arkansas River where it winds around steep, rugged hillslopes before its confluence with Badger Creek. The steep hillsides above the river are sparsely-vegetated with rocky pinon - juniper woodland (*Pinus edulis* - *Juniperus* spp. / *Cercocarpus montanus* woodland). There is a railroad corridor on this side of the river with a tunnel through the hillside. The river winds around a point of land where Colorado State Parks has established a campground.

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 03/08/2007
Designer Neid, S.L.

Boundary Justification

The boundary includes known occurrences of rare plants as well as adjacent suitable natural habitat (cliffs; outcrops; dry, sandy washes).

Primary Area 143.01 Acres 57.88 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site includes an excellent to good (AB-ranked) and a fair (C-ranked) occurrence of the globally imperiled (G2/S2) Arkansas Canyon stickleaf (*Nuttallia [=Mentzelia] densa*). Arkansas Canyon stickleaf is a Colorado endemic restricted to the Arkansas River drainage.

Other Values Rank No Data

Other Values Comments

No Data

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LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

There are several infestations of exotic weeds such as cheatgrass (*Bromus tectorum*), Russian thistle (*Salsola australis*), Jim Hill mustard (*Sisymbrium altissimum*), and others.

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>
16858	<i>Nuttallia densa</i>	Arkansas Canyon stickleaf	G2	S2	No
16858	<i>Nuttallia densa</i>	Arkansas Canyon stickleaf	G2	S2	Yes

REFERENCES

Reference ID

Full Citation

194663

Neid, S.L. 2007. Final Report: Rare Plant Survey of Select Bureau of Land Management Lands in the Arkansas River Canyon, Chaffee and Fremont Counties, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Spackman, S.C. 1997-05-07.

VERSION

Version Date 03/08/2007

Version Author Neid, S.L.

Disclaimer

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