

Level 4 Potential Conservation Area (PCA) Report

Name Lost Creek

Site Code S.USCOHP*3983

IDENTIFIERS

Site ID 1376 Site Class PCA
Site Alias Hahn 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 400530N
State Colorado Longitude 1072653W

Quad Code Quad Name

40107-A4	Lost Park
40107-A5	Fawn Creek
40107-B5	Sleepy Cat Peak
40107-B4	Slide Creek

County

Rio Blanco (CO)

Watershed Code Watershed Name

14050005	Upper White
14050001	Upper Yampa

SITE DESCRIPTION

Minimum Elevation	7,650.00	Feet	2,331.72	Meters
Maximum Elevation	10,200.00	Feet	3,108.96	Meters

Site Description

The Lost Creek site is located in the White River National Forest above the North Fork of the White River. It encompasses several tributaries of the White River: Lost Creek, Long Park Creek, and Hahn Creek. Lost Park, Little Lost Park and Long Park are located on the Mancos Shale and Frontier Sandstone outcrops. Prominent trailheads are located at Lost Creek and Long Park. The area is used for foot and horse travel as well as hunting and fishing activities. The riparian vegetation is comprised of willow carrs (*Salix boothii*, *S. monticola*) with snowberry (*Symphoricarpos rotundifolia*) and serviceberry (*Amelanchier alnifolia*).

Key Environmental Factors

Geology is comprised of shale and sandstones from the Mancos Shale and Frontier Sandstone Formations.

Climate Description

In the County, summers are warm or hot in most valleys but are much cooler in the mountains. Winters are cold in the mountains. Summer thunderstorms are prevalent; of the total precipitation, 55% usually falls between April and September. Average seasonal snowfall is 74.4 inches, average day time temperature is 45 degrees and average precipitation is 16.5 inches for Meeker between 1948 -2007 (Western Regional Climate Center 2008).

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 04/10/1996
Designer Fleming, C.C.

Boundary Justification

The planning boundary includes the full length of the creek and its tributaries to the downstream barrier. The boundary includes an upland buffer which should be sufficient to limit direct physical disturbance and local hydrologic alterations.

Primary Area	8,774.92	Acres	3,551.10	Hectares
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SITE SIGNIFICANCE

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Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports an excellent (A-ranked) occurrence of the globally vulnerable (G4T3/S3) Colorado River Cutthroat Trout (*Oncorhynchus clarkii pleuriticus*). Additionally there is an excellent (A-ranked) occurrence of the globally vulnerable (G3/S3) Booth's willow with mesic forbs shrubland (*Salix boothii* / mesic forb) plant community.

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

Hydrological processes originating outside of the planning boundary, including water quality, quantity, and timing, must be managed to maintain the population viability.

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>
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	Yes
24734	<i>Salix boothii</i> / Mesic Forbs Shrubland	Booth's Willow/Mesic Forb	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
195026	Culver, D., J. Huggins and P. Lyon. 2008. Final Report: Significant Biological Resources in Rio Blanco County, CO. Colorado Natural Heritage Program, Fort Collins, CO.
195034	WRCC. 2008. Western Regional Climate Center. Division of Atmospheric Sciences, Desert Research Institute. Reno, Nevada. < http://www.wrcc.dri.edu >.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 02/07/2008

Version Author Culver, D.R.

Disclaimer

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