

# Level 4 Potential Conservation Area (PCA) Report

Name Red Dirt Creek

Site Code S.USCOHP\*20316

## IDENTIFIERS

Site ID 1961 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 395035N  
State Colorado Longitude 1070343W

<u>Quad Code</u>	<u>Quad Name</u>
39107-G1	Sugarloaf Mountain
39106-G8	Burns South
39107-G2	Sweetwater Lake
39107-H1	Dome Peak

### County

Eagle (CO)  
Garfield (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14010001	Colorado headwaters

## SITE DESCRIPTION

Minimum Elevation	-	Feet	-	Meters
Maximum Elevation	-	Feet	-	Meters

### Site Description

Spectacular scenery marks the western portions of this site, where cliffs tower above a mixed forest of a subalpine and montane nature. Red Dirt Creek winds its way down from here through a pinyon-juniper forest at the eastern end of the site. The boundaries of this potential conservation area encircle 17,407 acres that range in elevation from 6,400-11,300 feet.

### 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 02/28/2000  
Designer Wunder, M.B.

### Boundary Justification

Since the majority of the elements present at this site depend exclusively on the local hydrology for their life needs, the extent of the watershed was included from the headwaters along the eastern cliffs of the Flat Tops to the confluence of Red Dirt Creek and the Colorado River. Activities within these boundaries have the potential to impact the local hydrology and dependent ecology.

Primary Area 17,414.20 Acres 7,047.31 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This large area supports a number of state-rare elements, including nesting areas for Barrow's Goldeneye, while the eastern portion supports a common riparian community in excellent condition. The streams within this area support two moderately hybridized populations of Colorado River cutthroat trout, a globally rare

# Level 4 Potential Conservation Area (PCA) Report

Name Red Dirt Creek

Site Code S.USCOHP\*20316

subspecies. The occurrence of Barrow's Goldeneye is noteworthy as it represents the only area of Eagle County from which they are known. Further, although Barrow's Goldeneye was reportedly very common throughout central Colorado in the late 1800's, breeding is now restricted to a small area of the Flat Tops. This potential conservation area supports the southeastern limit of the current-day breeding range in Colorado.

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>
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	Yes
22472	<i>Bucephala islandica</i>	Barrow's Goldeneye	G5	S2B	No
24860	<i>Populus angustifolia</i> / <i>Cornus sericea</i> Woodland	Cottonwood Riparian Forest	G4	S3	No
24480	<i>Abies lasiocarpa</i> / <i>Mertensia ciliata</i> Forest	Montane Riparian Forests	G5	S5	No
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	No
22472	<i>Bucephala islandica</i>	Barrow's Goldeneye	G5	S2B	No

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

Version Date 02/28/2000  
Version Author Wunder, M.B.

## Disclaimer

# Level 4 Potential Conservation Area (PCA) Report

Name Red Dirt Creek

Site Code S.USCOHP\*20316

These data are a product and property of Colorado State University, Colorado Natural Heritage Program (CNHP). These data are strictly "on loan" and should be considered "works in progress". Data maintained in the Colorado Natural Heritage Program database are an integral part of ongoing research at CSU and reflect the observations of many scientists, institutions and our current state of knowledge. These data are acquired from various sources, with varying levels of accuracy, and are continually being updated and revised. Many areas have never been surveyed and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. These data should not be regarded as a substitute for on-site surveys required for environmental assessments. Absence of evidence is NOT evidence of absence. Absence of any data does not mean that other resources of special concern do not occur, but rather CNHP files do not currently contain information to document this presence. CNHP is not responsible for whether other, non-CNHP data providers have secured landowner permission for data collected.

**These data are provided for non-commercial purposes only.** Under no circumstances are data to be distributed in any fashion to outside parties. To ensure accurate application of data, tabular and narrative components must be evaluated in conjunction with spatial components. Failure to do so constitutes a misuse of the data. The Colorado Natural Heritage Program shall have no liability or responsibility to the data users, or any other person or entity with respect to liability, loss, or damage caused or alleged to be caused directly or indirectly by the data, including but not limited to any interruption of service, loss of business, anticipatory profits or indirect, special, or consequential damages resulting from the use of operation of the data. Data users hereby agree to hold CNHP, Colorado State University, and the State of Colorado harmless from any claim, demand, cause of action, loss, damage or expense from or related to data users use of or reliance on the data, regardless of the cause or nature thereof, and even in the event that such cause is attributable to the negligence or misconduct of CNHP.

These data are provided on an as-is basis, as-available basis without warranties of any kind, expressed or implied, INCLUDING (BUT NOT LIMITED TO) WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Although CNHP maintains high standards of data quality control, CNHP, Colorado State University, and the State of Colorado further expressly disclaim any warranty that the data are error-free or current as of the date supplied