

# Level 4 Potential Conservation Area (PCA) Report

Name Bard Creek

Site Code S.USCOHP1\*2467

## IDENTIFIERS

Site ID 1612 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 394356N  
State Colorado Longitude 1054453W

### Quad Code Quad Name

39105-F7 Grays Peak  
39105-F6 Georgetown

### County

Clear Creek (CO)

### Watershed Code Watershed Name

10190004 Clear

## SITE DESCRIPTION

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

### Site Description

The Bard Creek drainage is a generally unfragmented area with good water quality (in upper reaches) and inhabited by a transplanted population of greenback cutthroat trout (*Oncorhynchus clarki stomias*). An undeveloped hiking trail parallels the stream course for a short distance. The area is forested except for the upper reaches of the stream (at or above treeline). Forest composition is typical of the area and includes *Picea engelmannii* and *Abies lasiocarpa* stands. The site was used as a transplant site, but the fish are not reproducing adequately.

### 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 02/18/1993  
Designer Pague, C.A.

### Boundary Justification

The boundary includes the entire element occurrence and a narrow buffer on adjacent slopes to provide protection from any significant impacts (e.g., heavy camping activity, pack animals, and trail development). We have approximated the boundary as 300 meters. Additional considerations for complete watershed impacts should be incorporated into a site conservation plan. This boundary should be adequate to protect the stream from degradation by maintaining the natural streamside vegetation and runoff.

Primary Area 2,686.29 Acres 1,087.11 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

This site contains a fair (C-ranked) occurrence of a globally imperiled (G2/S2) community, *Pinus aristata* / *Trifolium dasyphyllum* upper montane woodland, and poor (D-ranked) and historical occurrences of the globally imperiled (G4T2T3/S2) Greenback cutthroat trout (*Oncorhynchus clarkii stomias*).

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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

Barriers to exotic species downstream are unknown. Inholdings and mining activity potentially threaten the integrity of the watershed.

## Information Needs

No Data

### ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	No
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	No
24835	<i>Pinus aristata</i> / <i>Trifolium dasyphyllum</i> Woodland	Upper Montane Woodlands	G2	S2	Yes

### REFERENCES

## Reference ID      Full Citation

-      No Data

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 02/18/1993

Version Author Pague, C.A.

### Disclaimer

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