

# Level 4 Potential Conservation Area (PCA) Report

Name Johnson Canyon

Site Code S.USWRO1\*712

## IDENTIFIERS

Site ID 1774 Site Class PCA  
Site Alias Johnson Canyon

### Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

## LOCATORS

Nation United States Latitude 402757N  
State Colorado Longitude 1084756W

Quad Code Quad Name  
40108-D7 Tanks Peak

County  
Moffat (CO)

Watershed Code Watershed Name  
14050002 Lower Yampa

## SITE DESCRIPTION

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

### Site Description

The site consists of wet sandy soils of the Weber formation; 10% slopes. Some associated taxa include *Aquilegia micrantha*, *Carex*, *Poa*, *Calamagrostis*, *Rhus*, and *Cirsium*.

### 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 09/25/1996  
Designer Loar, A.M.

### Boundary Justification

The site boundary includes the known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 1,096.84 Acres 443.88 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

The site supports excellent (A-ranked) and good (B-ranked) occurrences of the globally vulnerable (G3/S2) Ownbey's thistle (*Cirsium ownbeyi*), an excellent (A-ranked) occurrence of the globally vulnerable (G3G4/S2) park rockcress (*Boechera fernaldiana*) and an excellent (A-ranked) occurrence of the state rare (G5T4?/S2) smooth cliff-brake (*Pellaea suksdorfiana*). There are also historical occurrences of the globally imperiled (G2/S2) alcove death camas (*Anticlea vaginatus*), documented in excellent condition in 1987, the globally imperiled (G1/S1) Wilken fleabane (*Erigeron wilkenii*) and the globally imperiled (G4T2/S2) subspecies, plateau penstemon (*Penstemon scariosus* var. *cyanomontanus*).

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

No Data

### Offsite

No Data

### Information Needs

Current field surveys are needed to update historical rare plant populations.

## 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>
24174	<i>Boechera fernaldiana</i>	park rockcress	G3G4	S2	Yes
17396	<i>Cirsium ownbeyi</i>	Ownbey's thistle	G3	S2	Yes
22147	<i>Penstemon scariosus</i> var. <i>cyanomontanus</i>	plateau penstemon	G4T2	S2	No
24174	<i>Boechera fernaldiana</i>	park rockcress	G3G4	S2	No
17396	<i>Cirsium ownbeyi</i>	Ownbey's thistle	G3	S2	No
21939	<i>Pellaea suksdorfiana</i>	smooth cliff-brake	G5T4?	S2	No
24174	<i>Boechera fernaldiana</i>	park rockcress	G3G4	S2	No
17396	<i>Cirsium ownbeyi</i>	Ownbey's thistle	G3	S2	Yes
22147	<i>Penstemon scariosus</i> var. <i>cyanomontanus</i>	plateau penstemon	G4T2	S2	No
22637	<i>Anticlea vaginatus</i>	alcove death camas	G2	S2	No
17295	<i>Erigeron wilkenii</i>	Wilken fleabane	G1	S1	No

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	09/25/1996
<b>Version Author</b>	Loar, A.M.

## Disclaimer

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