

# Level 4 Potential Conservation Area (PCA) Report

Name Hells Half Mile

Site Code S.USCOHP\*27874

## IDENTIFIERS

Site ID 2652 Site Class PCA  
Site Alias Limestone Draw  
Site Alias Rippling Brook

## Network of Conservation Areas (NCA)

NCA Site ID 606 NCA Site Code S.USCOHP\*749 NCA Site Name Yampa River in Dinosaur

## LOCATORS

Nation United States Latitude 403451N  
State Colorado Longitude 1085750W

Quad Code 40108-E8 Quad Name Canyon of Lodore South

County  
Moffat (CO)

Watershed Code 14040106 Watershed Name Upper Green-Flaming Gorge Reservoir

## SITE DESCRIPTION

Minimum Elevation 5,075.00 Feet 1,546.86 Meters  
Maximum Elevation 7,732.00 Feet 2,356.71 Meters

### Site Description

The site encompasses a dramatic canyon in Dinosaur National Monument. A few of the associated taxa are *Phragmites*, reedgrass (*Calamagrostis scopulorum*), *Clematis*, boxelder (*Acer negundo*), *Amelanchier*, and *Holodiscus*.

### 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 07/15/2009  
Designer Panjabi, S.S.

### Boundary Justification

The boundary is drawn to include the known occurrences, additional potential habitat, and the local mosaic of plant communities. The boundary was digitized while referencing a one meter digital color orthophoto quad.

Primary Area 4,527.42 Acres 1,832.19 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

The site supports an excellent to good (AB-ranked) occurrence of the globally imperiled (G2G3/S2) and federally Threatened Ute ladies' tresses (*Spiranthes diluvialis*). There is also an historical occurrence of the globally vulnerable (G3G4/S2) park rockcress (*Boechera fernaldiana*), historical occurrences of the state rare (G5T4/S2) smooth cliff-brake (*Pellaea suksdorfiana*), and a historical occurrence of the globally vulnerable (G3/S2) Ownbey's thistle (*Cirsium ownbeyi*).

Other Values Rank No Data

### Other Values Comments

No Data

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## LAND MANAGEMENT ISSUES

### Land Use Comments

National Park, hiking, river rafting, kayaking, camping.

### Natural Hazard Comments

No Data

### Exotics Comments

No Data

### Offsite

No Data

### Information Needs

Up-to-date surveys are needed.

## 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> |
| 17396           | <i>Cirsium ownbeyi</i>       | Ownbey's thistle         | G3            | S2           | No               |
| 21939           | <i>Pellaea suksdorfiana</i>  | smooth cliff-brake       | G5T4?         | S2           | No               |
| 21939           | <i>Pellaea suksdorfiana</i>  | smooth cliff-brake       | G5T4?         | S2           | No               |
| 17998           | <i>Spiranthes diluvialis</i> | Ute ladies' tresses      | G2G3          | S2           | Yes              |
| 24174           | <i>Boechera fernaldiana</i>  | park rockcress           | G3G4          | S2           | No               |

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

|                       |               |
|-----------------------|---------------|
| <b>Version Date</b>   | 07/15/2009    |
| <b>Version Author</b> | Panjabi, S.S. |

## Disclaimer

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