

# Level 4 Potential Conservation Area (PCA) Report

Name Colorado River Seeps

Site Code S.USCOHP\*19288

## IDENTIFIERS

Site ID 1913 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 395015N  
State Colorado Longitude 1065729W

Quad Code Quad Name  
39106-G8 Burns South

County  
Eagle (CO)

Watershed Code Watershed Name  
14010001 Colorado headwaters

## SITE DESCRIPTION

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

### Site Description

Melt-off from the spectacular Flat Top Mountains runs east down to Derby Mesa. Some of this water apparently goes underground, later to emerge seeping from a steep red sandstone canyon wall above the Colorado River. There are two parallel seeps that trickle down this slope for approximately one mile as it drops almost 2,000 feet (from 8,400-6,500 feet). The seeps are dominated by river birch (*Betula occidentalis*) and several riparian grasses. This oasis seems out of place in the pinon - juniper dominated surroundings. Between these two wet areas there is an "island" approximately 30 to 50 meters across dominated by big sagebrush (*Artemisia tridentata* var. *tridentata*) and Great Basin wildrye (*Leymus cinereus*). This site includes approximately 400 acres.

### 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 02/28/2000

Designer Fayette, K.K.

### Boundary Justification

The boundary strictly encompasses the seeps. The hydrology creating these springs is unique and more research is needed to fully understand the significance. While similar additional seeps may be discovered in the area, the boundaries do not account for the full extent of potential area along this slope north to Derby Mesa.

Primary Area 464.55 Acres 188.00 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

This site contains an excellent (A-ranked) occurrence of the globally imperiled (G2/S1) *Artemisia tridentata* ssp. *tridentata* / *Leymus cinereus* shrubland and an excellent (A-ranked) occurrence of the globally vulnerable (G3/S2) *Betula occidentalis* / mesic graminoids shrubland.

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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

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>
24637	<i>Betula occidentalis</i> / Mesic Graminoids Shrubland	Lower Montane Riparian Shrublands	G3	S2	No
24677	<i>Artemisia tridentata</i> ssp. <i>tridentata</i> / <i>Leymus</i> <i>cinereus</i> Shrubland	Sagebrush Bottomland Shrublands	G2	S1	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
194407	Fayette, K., Wunder, M. and S. Schneider. 2000. Final Report: Biological Survey of Eagle County 2000. Colorado Natural Heritage Program, Fort Collins, CO.

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 02/28/2000  
Version Author Fayette, K.K.

### Disclaimer

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