

# Level 4 Potential Conservation Area (PCA) Report

Name Upper Fourmile Creek

Site Code S.USCOHP\*362

## IDENTIFIERS

Site ID 1196 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 391134N  
State Colorado Longitude 1060426W

<u>Quad Code</u>	<u>Quad Name</u>
39106-B1	Fairplay West
39106-B2	Mount Sherman

County  
Park (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190001	South Platte Headwaters

## SITE DESCRIPTION

Minimum Elevation	10,060.00 Feet	3,066.29 Meters
Maximum Elevation	11,710.00 Feet	3,569.21 Meters

### Site Description

The site is within the upper reaches of a subalpine stream and includes the riparian vegetation for approximately four-five miles of stream. Much of the riparian zone includes willow and graminoid-dominated communities. Associated species include *Carex utriculata*, *Salix wolfii*, *Betula nana*, *Deschamsia caespitosa*, *Kobresia myosuroides*, *Juncus spp.* The stream meanders through a glacially carved valley, and is dammed in many areas by beaver. The upland communities are dominated by Engelmann spruce, Bristlecone pine, and Aspen.

### 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 10/31/2009  
Designer Panjabi, S.S.

### Boundary Justification

Includes the element and suitable habitat up and downstream of the occurrence. Hydrological processes that originate upstream of this site will need management to assure that the occurrence is protected in the long term.

Primary Area	2,345.91 Acres	949.36 Hectares
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## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

The site supports a good (B-ranked) occurrence of a globally imperiled (G2/S2) plant, Porter feathergrass (*Ptilagrostis porteri*), and a good (B-ranked) occurrence of a globally rare (G3/S3) plant community, *Salix monticola* / *Carex aquatilis*. In addition, there are occurrences of several state rare (G5/S2) plants including an extant and a historical occurrence of little bulrush (*Trichophorum pumilum*), an extant occurrence of hoary willow (*Salix candida*), and an extant occurrence of simple kobresia (*Kobresia simpliciuscula*).

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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

Bighorn sheep and possible peregrine sightings- need to be confirmed.

## 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>
21527	<i>Trichophorum pumilum</i>	little bulrush	G5	S2	No
24965	<i>Salix monticola</i> / <i>Carex aquatilis</i> Shrubland	Montane Riparian Willow Carr	G3	S3	No
22645	<i>Salix candida</i>	hoary or silver willow	G5	S2	No
21450	<i>Kobresia simpliciuscula</i>	simple kobresia	G5	S2	No
19684	<i>Ptilagrostis porterii</i>	Porter feathergrass	G2	S2	Yes
21527	<i>Trichophorum pumilum</i>	little bulrush	G5	S2	No

## REFERENCES

### Reference ID                      Full Citation

-                                      No Data

## ADDITIONAL TOPICS

### Additional Topics

Original site design by Pague, C.A. 1994-09-12. Updated by Fleming, C.C. 1997-09-05.

## VERSION

Version Date      11/05/2009

Version Author    Panjabi, S.S.

## Disclaimer

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