

Level 4 Potential Conservation Area (PCA) Report

Name Beaver Creek at Beaver Ridge

Site Code S.USCOHP*21823

IDENTIFIERS

Site ID 1931 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 391755N
State Colorado Longitude 1060152W

Quad Code Quad Name

39106-C1 Alma

County

Park (CO)

Watershed Code Watershed Name

10190001 South Platte Headwaters

SITE DESCRIPTION

Minimum Elevation	10,400.00 Feet	3,170.00 Meters
Maximum Elevation	12,000.00 Feet	3,658.00 Meters

Site Description

This site is located in a glacially carved valley between Beaver Ridge and Mount Silverheels. It consists of a meandering high elevation riparian corridor dominated by willows and sedges. Beaver are active along the creek, creating oxbows and open water. Soils are peaty and water logged, which provides habitat for the imperiled plant species, Porter feathergrass (*Ptilagrostis porteri*). This wetland grass species is known only from Colorado, occurring within a very limited range in the mountains and fens around South Park. The adjacent upland communities are characterized by lodgepole pine (*Pinus contorta*) and Engelmann spruce (*Picea engelmannii*).

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 02/21/2001
Designer Culver, D.R.

Boundary Justification

The boundary is drawn to encompass the riparian corridor that contains the elements of concern. However, the boundary does not include the entire watershed that is important to the viability of the elements of concern.

Primary Area 869.29 Acres 351.79 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports two good (B-ranked) occurrences of a globally imperiled (G2/S2) plant species, Porter feathergrass (*Ptilagrostis porteri*), a good (B-ranked) occurrence of a globally imperiled (G2G3/S2S3) subalpine riparian willow carr community (*Salix brachycarpa* / *Carex aquatilis*) and a good (B-ranked) occurrence of a globally vulnerable (G3/S3) montane riparian willow carr community (*Salix monticola* / *Carex utriculata*).

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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>
24882	<i>Salix monticola</i> / <i>Carex utriculata</i> Shrubland	Montane Riparian Willow Carr	G3	S3	No
24828	<i>Salix brachycarpa</i> / <i>Carex aquatilis</i> Shrubland	Subalpine Riparian/Wetland Carr	G2G3	S2S3	Yes
19684	<i>Ptilagrostis porteri</i>	Porter feathergrass	G2	S2	Yes
19684	<i>Ptilagrostis porteri</i>	Porter feathergrass	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
193488	Nichols, G. 2001. Personal communication to the Colorado Natural Heritage Program.
172562	Spackman, S., D. Culver, and J. Sanderson. 2001. Final Report: Park County Inventory of Critical Biological Resources. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 02/21/2001
Version Author Culver, D.R.

Disclaimer

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