

Level 4 Potential Conservation Area (PCA) Report

Name Cow Creek at Boulder Ridge

Site Code S.USCOHP*7945

IDENTIFIERS

Site ID 1238 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 405339N
State Colorado Longitude 1054453W

<u>Quad Code</u>	<u>Quad Name</u>
40105-H7	Sand Creek Pass
40105-H6	Eaton Reservoir

County

Larimer (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190007	Cache La Poudre

SITE DESCRIPTION

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

Site Description

This site has upslopes dominated by Pinus contorta forests with a moderately entrenched creek. The valley bottom has an overstory of Picea engelmannii and Pinus contorta and Salix spp.-these blanket the floodplain of the creek. The undergrowth is lush with many aquatic forbs and graminoids. The surrounding area is National Forest land with several logging roads accessing clearcut sites in the watershed. Roads are also used by recreationists. On the north bank of creek is a meadow with Carex spp., mesic forbs, and Artemisia spp. The soil of this meadow is dry and granitic gravel occurs at the surface. Elevation: 9,180 ft. Where plot is located there are hummocks from beaver activity- ponds and rivulets running through willows. The lower end of transect hits a pond. One or two blue spruce trees do occur, but mostly pine on the higher hummocks.

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 03/28/1997
Designer Kittel, G.M.

Boundary Justification

Basically the immediate watershed. Boundaries encompass the surrounding upslopes for approximately 1/4 mile to protect the hydrology of the site. Upstream boundary is the ridge top, downstream the confluence with Sheep Creek.

Primary Area 921.57 Acres 372.95 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

The site supports a fair (C-ranked) occurrence of a globally vulnerable (G3S3) plant community, Salix geyeriana-Salix monticola/Calamagrostis canadensis.

Other Values Rank No Data

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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>
24489	<i>Salix geyeriana</i> - <i>Salix monticola</i> / <i>Calamagrostis canadensis</i> Shrubland	Montane Willow Carrs	G3	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/28/1997
Version Author	Kittel, G.M.

Disclaimer

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