

Level 4 Potential Conservation Area (PCA) Report

Name Porcupine Gulch

Site Code S.USCOHP*10397

IDENTIFIERS

Site ID 1156 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 393854N
State Colorado Longitude 1055541W

Quad Code Quad Name
39105-F8 Loveland Pass

County
Summit (CO)

Watershed Code Watershed Name
14010002 Blue

SITE DESCRIPTION

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

Site Description

Porcupine Gulch is a south-facing drainage on the North Fork of the Snake River. The Gulch flows south over about three miles from about 12,000 feet above sea level to about 10,000 feet, through a mixed coniferous forest dominated by lodgepole pine (*Pinus contorta*), Engelmann spruce (*Picea engelmannii*), subalpine fir (*Abies lasiocarpa*), blueberry (*Vaccinium* sp.), and heart leaved arnica (*Arnica cordifolia*). The riparian area is dominated by willow species (*Salix* spp.) and sedge (*Carex* sp.) dominated mossy meadows. This site includes approximately 2000 acres.

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 06/18/1998
Designer Fayette, K.K.

Boundary Justification

The boundary is drawn to protect the riparian systems along Porcupine Gulch. The site includes the Gulch, all of its main tributaries, and the adjacent uplands to the nearest ridgeline. High elevation areas of the site should be visited to determine more specific boundary recommendations. The boundary was drawn using a 1988 National Aerial Photography Program 1:40,000 infrared aerial photograph. CNHP scientists visited the site in 1993.

Primary Area 2,147.82 Acres 869.19 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site includes a good (B-ranked) occurrence of a globally apparently secure (G4) but vulnerable (S3) in Colorado montane riparian willow carr (*Salix monticola*/mesic forb).

Other Values Rank No Data

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Other Values Comments

No Data

LAND MANAGMENT 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>
24809	<i>Salix monticola</i> / Mesic Forbs Shrubland	Montane Riparian Willow Carr	G4	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 06/27/2003

Version Author Bell, J.B.

Disclaimer

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