

Level 4 Potential Conservation Area (PCA) Report

Name Low Pass Gulch at Arkansas River

Site Code S.USCOHP*9013

IDENTIFIERS

Site ID 435 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 390328N
State Colorado Longitude 1061529W

Quad Code Quad Name

39106-A3 Granite
39106-A2 South Peak

County

Lake (CO)
Chaffee (CO)

Watershed Code Watershed Name

11020001 Arkansas Headwaters

SITE DESCRIPTION

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

Site Description

Low Pass Gulch site contains a perennial stream that flows through it for about 5.5 miles down steep mountain slopes to the Arkansas River, one mile above Granite, and 13 road miles south of Leadville. There is a jeep trail running one-third of the way up the gulch and there has been heavy mining use of the area. The riparian corridor is dominated by Douglas-fir (*Pseudotsuga menziesii*) / blue spruce (*Picea pungens*) on the north-facing slope, and Geyer willow (*Salix geyeriana*) / mesic graminoid on the south-facing slope. The uplands on the south-facing slope are dominated by big sagebrush (*Artemisia tridentata*)

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 05/12/1997
Designer Kittel, G.M.

Boundary Justification

The boundary encompasses the gulch and surrounding ridge tops for immediate watershed protection.

Primary Area 263.54 Acres 106.65 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on good (B-ranked) occurrences of two globally rare plant communities, the globally vulnerable (G3/S3) *Salix geyeriana* / *Carex aquatilis* willow carr and the globally vulnerable (G3/S2?) *Picea pungens* / *Equisetum arvense* montane riparian forest.

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

This site and element occurrences were not visited during the 2008 county survey and need to be updated.

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>
24658	<i>Salix geyeriana</i> / <i>Carex aquatilis</i> Shrubland	Montane Willow Carr	G3	S3	Yes
24646	<i>Picea pungens</i> / <i>Equisetum arvense</i> Woodland	Montane Riparian Forest	G3?	S2?	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
198290	Culver, D.R., D. Malone, S.L. Neid, and J. Handwerk. 2009. Final Report: Survey of Critical Biological Resources in Chaffee County. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 05/12/1997

Version Author Kittel, G.M.

Disclaimer

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