

# Level 4 Potential Conservation Area (PCA) Report

Name Mill Creek at Chattanooga

Site Code S.USCOHP\*23983

## IDENTIFIERS

Site ID 139 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 375214N  
State Colorado Longitude 1074453W

### Quad Code Quad Name

37107-G6 Silverton  
37107-G7 Ophir

### County

San Juan (CO)

### Watershed Code Watershed Name

14080104 Animas

## SITE DESCRIPTION

Minimum Elevation	10,800.00 Feet	3,292.00 Meters
Maximum Elevation	11,800.00 Feet	3,597.00 Meters

### Site Description

A waterfall in a steep sided canyon of Mill Creek provides the moisture from spray to support ferns and mosses that thrive on wet rock surfaces. Slender rock brake (*Cryptogramma stelleri*) was found on the north side of the canyon, in deeply shaded crevices of vertical rock faces. There is much more potential habitat for the rare slender rock higher up on cliffs that were not surveyed. Two other more common ferns found at the site are *Cryptogramma acrostichoides* and *Cystopteris fragilis*. The site is located above a mine and a tailings pile, and is accessed by a county road.

### 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 12/13/2002  
Designer Lyon, M.J.

### Boundary Justification

The boundary is drawn to include the occurrence of slender rock brake (*Cryptogramma stelleri*), and some additional area upstream which is essential for the water supply for the ferns.

Primary Area 17.97 Acres 7.27 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

### Biodiversity Significance Comments

This site supports a good (B-ranked) occurrence of slender rock brake (*Cryptogramma stelleri*), a fern that is rare in Colorado (G5/S2).

Other Values Rank No Data

### Other Values Comments

No Data

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## 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 Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
22152	<i>Cryptogramma stelleri</i>	slender rock-brake	G5	S2	Yes

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

Version Date 12/13/2002

Version Author Lyon, M.J.

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