

Level 4 Potential Conservation Area (PCA) Report

Name East Fork Rock Creek

Site Code S.USCOHP*25374

IDENTIFIERS

Site ID 2201 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 372208N
State Colorado Longitude 1084912W

Quad Code Quad Name

37108-C7 Battle Rock
37108-D7 Woods Canyon

County

Montezuma (CO)

Watershed Code Watershed Name

14080202 Mcelmo

SITE DESCRIPTION

Minimum Elevation	5,520.00 Feet	1,682.50 Meters
Maximum Elevation	6,400.00 Feet	1,950.72 Meters

Site Description

The site comprises steep slickrock cliffs of Jurassic sandstones above the East Fork of Rock Creek. The southern maidenhair fern (*Adiantum capillus-veneris*) at this site was documented in 2002. It was not visited in 2004, and needs further inventory to determine the full extent of the occurrence. The botanists noted that a dense colony of the ferns occupied 100% of a crevice in Dakota sandstone, just above a talus slope. The plants were associated with a seasonal seep that was not flowing at the time of the survey. The site is on a southeast-facing slope with open exposure to light. Associated species could not be determined as the visit was made off-season. Further survey is planned for summer of 2005.

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 02/01/2005

Designer Lyon, M.J.

Boundary Justification

The boundary was drawn to include the cliff areas above East Fork of Rock Creek where the southern maidenhair fern (*Adiantum capillus-veneris*) was found. Additional area of potential habitat and uplands known as Big Point, which are the source of the water in the seep, are included.

Primary Area 854.62 Acres 345.85 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

The site supports an unranked occurrence of southern maidenhair fern (*Adiantum capillus-veneris*), a plant that is globally secure (G5), but rare in Colorado (S2).

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>
23491	<i>Adiantum capillus-veneris</i>	southern maiden-hair	G5	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192772	Lyon, M.J. 2005. Final Report: Survey of Rare Plants. San Juan Public Lands in Dolores and Montezuma counties, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 12/08/2004

Version Author Lyon, M.J.

Disclaimer

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