

Level 4 Potential Conservation Area (PCA) Report

Name Cotopaxi

Site Code S.USCOHP*187

IDENTIFIERS

Site ID 2047

Site Class PCA

Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID

NCA Site Code

NCA Site Name

-

No Data

LOCATORS

Nation United States

Latitude 382316N

State Colorado

Longitude 1054023W

Quad Code Quad Name

38105-D6 Arkansas Mountain

38105-C6 Cotopaxi

County

Fremont (CO)

Watershed Code Watershed Name

11020001 Arkansas Headwaters

SITE DESCRIPTION

Minimum Elevation 6,240.00 Feet 1,901.95 Meters

Maximum Elevation 7,530.00 Feet 2,295.14 Meters

Site Description

The site is characterized by outcrops of granodiorite in pinon - juniper woodland.

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 03/11/1999

Designer Spackman, S.C.

Boundary Justification

Boundary is drawn to protect the occurrence from direct impacts from surface disturbances. A buffer is drawn to provide the plants with suitable habitat where additional individuals can become established over time.

However, all of the area that has been identified as suitable habitat for the rare plant species was not included in the site because this area is very large and has not been adequately surveyed.

Primary Area 3,394.03 Acres 1,373.52 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site includes an excellent (A-ranked) occurrence of the globally imperiled (G2/S2) Arkansas Canyon stickleaf (*Nuttallia [=Mentzelia] densa*) that has multiple sub-occurrences. This species is a Colorado endemic.

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>			
16858	<i>Nuttallia densa</i>	Arkansas Canyon stickleaf	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
194663	Neid, S.L. 2007. Final Report: Rare Plant Survey of Select Bureau of Land Management Lands in the Arkansas River Canyon, Chaffee and Fremont Counties, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/11/1999
Version Author	Spackman, S.C.

Disclaimer

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