

Level 4 Potential Conservation Area (PCA) Report

Name Colorado Trail Lime Creek Headwaters

Site Code S.USCOHP*26196

IDENTIFIERS

Site ID 2346 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 374605N
State Colorado Longitude 1074413W

Quad Code Quad Name

37107-G6 Silverton

County

San Juan (CO)

Watershed Code Watershed Name

14080104 Animas

SITE DESCRIPTION

Minimum Elevation	12,200.00	Feet	3,718.56	Meters
Maximum Elevation	12,200.00	Feet	3,718.56	Meters

Site Description

The site lies within the San Juan National Forest and runs the length of a steep cliff in a band of red soil below two summits. The substrate is mapped as Precambrian. The site includes the ecological systems Rocky Mountain Dry Tundra and Rocky Mountain Alpine Bedrock and Scree (Southwest Regional GAP 2004). Colorado tansy-aster (*Machaeranthera coloradoensis*) is found growing in open, gravelly areas between clumps of Rocky Mountain clover (*Trifolium attenuatum*), yarrow (*Achillea lanulosa*), Colorado columbine (*Aquilegia coerulea*), mountain deathcamus (*Zigadenus elegans*), Thurber's fescue (*Festuca thurberi*), and goldenrod (*Solidago* sp.). Common dandelion (*Taraxacum officinale*) was the only exotic species observed. The primary uses below the site are grazing and recreation; however, the occurrence is well above the trail in a seldom accessed area.

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 10/16/2005
Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to incorporate the population of *Machaeranthera coloradoensis* and adjacent potential habitat on the southeast-facing slope above the trail to the summit.

Primary Area 149.44 Acres 60.48 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports a good (B-ranked) population of a globally vulnerable (G3/S3) plant, Colorado tansy-aster (*Machaeranthera coloradoensis*).

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>
23921	<i>Machaeranthera coloradoensis</i>	Colorado tansy-aster	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
194256	Lyon, P. and J. Hanson. 2006. Final Report: 2005 Rare Plant Survey of San Juan Public Lands, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.
193503	RS/GIS Laboratory, College of Natural Resources, Utah State University. 2004. 'PROVISIONAL' Digital Landcover Dataset for the Southwestern United States. Version 1.0. Online: http://earth.gis.usu.edu/swgap .

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 10/16/2005

Version Author Lyon, M.J.

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