

# Level 4 Potential Conservation Area (PCA) Report

Name Summit Pass

Site Code S.USCOHP\*26372

## IDENTIFIERS

Site ID 2359 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 372531N  
State Colorado Longitude 1063925W

Quad Code Quad Name  
37106-D6 Elwood Pass

County  
Rio Grande (CO)

Watershed Code Watershed Name  
13010001 Rio Grande headwaters  
14080101 Upper San Juan

## SITE DESCRIPTION

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

### Site Description

The site is located north of Summit Pass just at or above treeline. The Continental Divide Trail runs through the site. Geology is Tertiary volcanics, mapped as intra-ash-flow quartz latitic lavas. Outcrops of barren reddish soil support a population of Colorado tansy-aster. Forested areas below the site are dominated by Engelmann spruce.

### 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 12/05/2005  
Designer Lyon, M.J.

### Boundary Justification

The boundary was drawn to include the Colorado tansy-aster occurrence and potential habitat above treeline along the divide to the north and south. Although the rare plants were found at a high point along the divide, at 12,100 feet, in other areas they are known from as low as 7,675 ft.

Primary Area 188.51 Acres 76.29 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

The biodiversity significance rank is based on a good (B-ranked) occurrence of Colorado tansy-aster (*Machaeranthera coloradoensis*), a globally vulnerable (G3/S3) plant.

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</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.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

**Version Date** 12/05/2005

**Version Author** Lyon, M.J.

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