

Level 4 Potential Conservation Area (PCA) Report

Name Sheep Mountain in San Juans

Site Code S.USCOHP*27856

IDENTIFIERS

Site ID 2651 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 374712N
State Colorado Longitude 1073043W

Quad Code Quad Name

37107-G5 Howardsville
37107-G4 Pole Creek Mountain

County

San Juan (CO)

Watershed Code Watershed Name

13010001 Rio Grande headwaters

SITE DESCRIPTION

Minimum Elevation	11,742.00 Feet	3,578.96 Meters
Maximum Elevation	13,277.00 Feet	4,046.83 Meters

Site Description

This is an alpine area with large expanse of barren, cobbly volcanic rock, in the San Juan Mountains. Associated plant species include alpine sandwort (*Minuartia obtusiloba*), Bering chickweed (*Cerastium beeringianum*), alpine springbeauty (*Claytonia megarhiza*), mountain parsley (*Cymopterus lemmonii*), alpine mountainsorrel (*Oxyria digyna*), smallflower fescue (*Festuca minutiflora*), Rocky Mountain clover (*Trifolium attenuatum*), alpine smelowskia (*Smelowskia calycina*), moss campion (*Silene acaulis*), Colorado ragwort (*Ligularia soldanella*), nodding saxifrage (*Saxifraga cernua*), and alpine poppy (*Papaver kluanense*).

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 07/07/2009
Designer Panjabi, S.S.

Boundary Justification

Boundary is drawn to include the rare plant occurrences, some adjacent potentially suitable habitat, and the local mosaic of plant communities, including some small areas below treeline. The boundary was digitized while referencing a one meter digital color orthophoto quad.

Primary Area 1,444.04 Acres 584.38 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports a fair (C-ranked) occurrence of the globally critically imperiled (G1/S1) stonecrop gilia (*Aliciella sedifolia*) and an extant occurrence of the globally imperiled (G2G3/S2S3) Rothrock townsend-daisy (*Townsendia rothrockii*). This site includes one of only two known occurrences of the stonecrop gilia in the world.

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>
23143	<i>Townsendia rothrockii</i>	Rothrock townsend-daisy	G2G3	S2S3	No
18710	<i>Aliciella sedifolia</i>	stonecrop gilia	G1	S1	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 07/07/2009

Version Author Panjabi, S.S.

Disclaimer

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