

Level 4 Potential Conservation Area (PCA) Report

Name Rolling Mountain

Site Code S.USCOHP*26194

IDENTIFIERS

Site ID 2344 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 374528N
State Colorado Longitude 1074825W

Quad Code Quad Name

37107-G7 Ophir
37107-F7 Engineer Mountain

County

San Juan (CO)
San Miguel (CO)

Watershed Code Watershed Name

14030003 San Miguel
14080104 Animas

SITE DESCRIPTION

Minimum Elevation	12,400.00 Feet	3,779.52 Meters
Maximum Elevation	12,400.00 Feet	3,779.52 Meters

Site Description

The Rolling Mountain site is a high alpine basin with rocky slabs and thin gravelly soils. Areas where the snow lasts until late in the year are habitat for two rare mustard species, San Juan whitlow-grass (*Draba graminea*) and Colorado divide whitlow-grass (*Draba streptobrachia*). The habitat continues all around the basin at lower elevations on north-facing slopes, where it reaches almost down to a large wetland known as South Park. The rocky tundra is dominated by mosses, lichens and alpine species including *Lidia obtusiloba*, *Potentilla diversifolia*, *Draba graminea*, *Draba aurea*, *Draba crassifolia*, *Oreobrama pygmaea*, *Micranthes rhomboidea*, *Erigeron simplex*, *Silene acaulis*, *Rydbergii grandiflora*, *Artemisia scopulorum* and *Podistera eastwoodiae*.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

Hiking trail

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 10/16/2005
Designer Lyon, M.J.

Boundary Justification

The boundary includes occurrences of *Draba graminea* and *D. streptobrachia* documented in 2005, as well as the location of two historical records for the same species.

Primary Area 4,860.24 Acres 1,966.88 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports an excellent (A-ranked) occurrence of a globally imperiled (G2/S2) plant, San Juan whitlow-grass (*Draba graminea*), and a good (B-ranked) occurrence of a globally vulnerable (G3/S3) plant, Colorado Divide whitlow-grass (*Draba streptobrachia*). Historical occurrences of both of these species have

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been previously documented.

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Other Values Rank No Data

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>
17247	<i>Draba graminea</i>	San Juan whitlow-grass	G2	S2	No
21234	<i>Draba streptobrachia</i>	Colorado Divide whitlow-grass	G3	S3	No
21234	<i>Draba streptobrachia</i>	Colorado Divide whitlow-grass	G3	S3	No
17247	<i>Draba graminea</i>	San Juan whitlow-grass	G2	S2	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 10/16/2001
Version Author Lyon, M.J.

Disclaimer

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