

Level 4 Potential Conservation Area (PCA) Report

Name Grand Turk South

Site Code S.USCOHP*23978

IDENTIFIERS

Site ID 842 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 374530N
State Colorado Longitude 1074254W

Quad Code Quad Name

37107-G6 Silverton

County

San Juan (CO)

Watershed Code Watershed Name

14080104 Animas

SITE DESCRIPTION

Minimum Elevation	11,600.00 Feet	3,536.00 Meters
Maximum Elevation	12,600.00 Feet	3,840.00 Meters

Site Description

This site is located on the south slopes of Grand Turk Mountain. It is characterized by alpine tundra vegetation below the barren rock cliffs that form the top of the mountain. Near the top of this area, the largest known population of *Machaeranthera coloradense* in San Juan County grows at the edges of isolated rock outcrops, while *Draba streptobrachia* was found in crevices of these rocks. *Trifolium parryi* dominates the upper slopes. Lower on the same slope, *Besseya ritteriana* is abundant on the south-facing hillsides with other alpine species such as *Geum rossii*, *Phleum commutatum*, *Poa arctica*, *Sibbaldia procumbens*, *Fragaria virginiana* and *Dugaldia hoopsii*. There are also several large patches of grassland dominated by *Carex elynoides*.

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 12/13/2002

Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to include the occurrence of Colorado tansy-aster (*Machaeranthera coloradense*).

Primary Area 133.41 Acres 53.99 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site is drawn to include a good (B-ranked) population of *Machaeranthera coloradense*, a globally vulnerable (G3/S3) species. It also includes a fair (C-ranked) population of *Draba streptobrachia*, another globally vulnerable (G3/S3) plant found in the rock outcrops along with *Machaeranthera coloradense*.

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>
21234	<i>Draba streptobrachia</i>	Colorado Divide whitlow-grass	G3	S3	No
23921	<i>Machaeranthera coloradoensis</i>	Colorado tansy-aster	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	12/13/2002
Version Author	Lyon, M.J.

Disclaimer

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