

Level 4 Potential Conservation Area (PCA) Report

Name Grayback Mountain

Site Code S.USCOHP*20359

IDENTIFIERS

Site ID 1164 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 372720N
State Colorado Longitude 1063358W

Quad Code Quad Name
37106-D5 Summitville

County
Rio Grande (CO)

Watershed Code Watershed Name
13010002 Alamosa-Trinchera

SITE DESCRIPTION

Minimum Elevation 11,700.00 Feet 3,566.00 Meters
Maximum Elevation 12,400.00 Feet 3,780.00 Meters

Site Description

A wet alpine valley, gently sloping benches and steep alpine slopes above treeline characterize the area. A major Forest Service road and a pipeline go through the site and there is a radio tower facility adjacent to the site.

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 01/01/2000
Designer Kettler, S.M.

Boundary Justification

The boundary was drawn to include the known extent of the plant populations, adjacent similar habitat to provide areas for the imperiled plant to colonize in the future, and to include the parts of the roads that have the greatest chance of impacting the plant occurrences. These boundaries were delineated because major changes in sedimentation and erosion, or invasion of non-native species along the roads could impact part of the plant population.

Primary Area 931.93 Acres 377.14 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site contains a good (B-ranked) occurrence of Colorado tansey-aster (*Machaeranthera coloradoensis*) which is vulnerable on a global scale (G3/S3), an extant occurrence of a *Pinus aristata* / *Ribes montigenum* plant community which is vulnerable on a global scale (G3/S1), and an excellent (A-ranked) occurrence of a common (G5/S4) plant community, *Carex aquatilis*.

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
24726	<i>Pinus aristata</i> / <i>Ribes montigenum</i> Woodland	Upper Montane Woodlands	G3	S1	No
22745	<i>Carex aquatilis</i> Herbaceous Vegetation	Montane Wet Meadows	G5	S4	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
165924	Kettler, S., J. Rocchio, R. Schorr, J. Burt. 2000. Biological Inventory of Rio Grande and Conejos Counties, Colorado. Unpublished report prepared for The Nature Conservancy. 234 pp.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/01/2000
Version Author	Kettler, S.M.

Disclaimer

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