

# Level 4 Potential Conservation Area (PCA) Report

Name Black Mountain at Pagosa Peak

Site Code S.USCOHP\*9611

## IDENTIFIERS

Site ID 603 Site Class PCA

Site Alias Black Mountain

## 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 372615N

State Colorado Longitude 1070524W

Quad Code Quad Name  
37107-D1 Pagosa Peak

County  
Mineral (CO)

Watershed Code Watershed Name  
14080102 Piedra

## SITE DESCRIPTION

Minimum Elevation 9,720.00 Feet 2,963.00 Meters

Maximum Elevation 10,440.00 Feet 3,182.00 Meters

### Site Description

Midslope on SW aspect, shaded under a small spruce tree. The Black Mountain at Pagosa Peak site is an open Engelmann spruce (*Picea engelmannii*) forested montane site on a slope with a southwest aspect. The surface geology is comprised of a volcanic ash flow. The area was clearcut in the late 1960's. An active grazing allotment is within this site, although the area was not grazed in 1995, and had also been rested approximately 5 of the last 10 years prior to 1995 (Colorado Natural Heritage Program 1998).

### 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 07/01/1997

Designer Fleming, C.C.

### Boundary Justification

The boundary encompasses the element occurrence and provides a small buffer of approximately 1000 feet to limit direct disturbance.

Primary Area 88.99 Acres 36.01 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

This site contains an unranked occurrence of the reflected moonwort (*Botrychium echo*). The lance-leaved moonwort (*B. lanceolatum*) is also present in this site. Of these two rare moonwort species, the reflected moonwort is the most rare.

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

Monitor effects of grazing on Botrychium ssp.

## ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
20475	<i>Botrychium echo</i>	reflected moonwort	G3	S3	Yes

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	07/01/1997
<b>Version Author</b>	Fleming, C.C.

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