

# Level 4 Potential Conservation Area (PCA) Report

Name Moody Hill

Site Code S.USCOHP1\*2748

## IDENTIFIERS

Site ID 968 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 403333N  
State Colorado Longitude 1052136W

Quad Code Quad Name  
40105-E3 Buckhorn Mountain

County  
Larimer (CO)

Watershed Code Watershed Name  
10190006 Big Thompson

## SITE DESCRIPTION

Minimum Elevation - Feet - Meters  
Maximum Elevation - Feet - Meters

### Site Description

At the core of this site are very steep (70%) slopes with cliffs and bedrock ledges. Talus covers the lower slopes. The ground cover consists of 90% rock, with very dry, shallow, gravelly soil between the rocks. Vegetation occurs in patches on the slope. Trees (*Juniperus scopulorum*, *Pinus ponderosa*, and *Pseudotsuga menziesii*) are widely scattered across the site. The *Ribes cereum* / *Leymus ambiguus* community is patchy but extensive. Several non-native weeds are present but with low cover. Natural rockfalls and rockslides regularly disturb this 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 04/24/1995  
Designer Sanderson, J.S.

### Boundary Justification

The boundary includes the occurrences and buffers of up to a few hundred feet that incorporate the entire steep, southeast-facing slope, up to the top of the ridge to the northwest and northeast. Steep slopes naturally protect the site. Boundaries to the tops of the ridges will protect the site from direct physical disturbance. Boundaries now include the canyon bottom to encompass a high quality riparian community. Downstream boundary stops at the county road and the upstream boundary is just a few hundred yards above the known occurrence. This boundary may be expanded with further field surveys.

Primary Area 460.82 Acres 186.49 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

This site contains an excellent to good (AB-ranked) occurrence of a community which is imperiled (G2/S2?) on a global scale, *Ribes cereum* / *Lymus ambiguus*. It also supports an excellent (A-ranked) occurrence of a natural community whose global imperilment status is unknown (GU/SU), *Picea pungens* / *Alnus incana* -

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*Corylus cornuta*.

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>
24934	<i>Ribes cereum</i> / <i>Leymus ambiguus</i> Shrubland	Mixed Foothill Shrublands	G2	S2?	Yes
24733	<i>Picea pungens</i> / <i>Alnus incana</i> - <i>Corylus cornuta</i> Woodland	Foothills Riparian Forest	GU	SU	No

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192848	Bustos. 1995. U.S. Forest Service. Personal communication to the Colorado Natural Heritage Program, Fort Collins, CO.

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 04/24/1995  
Version Author Sanderson, J.S.

### Disclaimer

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