

Level 4 Potential Conservation Area (PCA) Report

Name Basalt Mountain

Site Code S.USCOHP*10119

IDENTIFIERS

Site ID 1134 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 392646N
State Colorado Longitude 1070354W

Quad Code Quad Name

39107-D1 Leon

County

Eagle (CO)

Watershed Code Watershed Name

14010004 Roaring Fork

SITE DESCRIPTION

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

Site Description

This PCA ranges in elevation from about 7300 feet along Cattle Creek, to about 9000 feet in the National Forest on the mid slopes of Basalt Mountain. The PCA is significant because of the Gambel's oak-serviceberry (*Quercus gambelii*-*Amelanchier utahensis*) shrublands. These shrublands are dense and also include low cover of snowberry (*Symphoricarpos rotundifolia*) and sagebrush (*Artemisia tridentata*). Adjacent uplands are gradually to steeply sloping with sagebrush shrublands at the lower elevations and mixed aspen (*Populus tremuloides*) and conifer forests at higher elevations. There is a paved road along Cattle Creek and a dirt road on Basalt Mountain as well as trails that fragment the PCA. The activity along these thorough-ways are creating erosion and weed problems. A total of 2795 acres are included in the PCA boundary.

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 05/07/1999
Designer Spackman, S.C.

Boundary Justification

This PCA includes some of each of the mosaic of community types in which the element occurrence is found. Some of the surrounding high quality habitat is included to act as a buffer to direct disturbances, such as trampling, and indirect disturbances, such as unnatural erosion. The PCA also provides additional suitable habitat to allow for natural migration of the community.

Primary Area 2,796.82 Acres 1,131.84 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A good occurrence of a globally secure shrubland plant community is found within this PCA. This community type is documented in only thirteen locations in Colorado.

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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>
24702	<i>Quercus gambelii</i> / <i>Amelanchier utahensis</i> Shrubland	Mixed Mountain Shrubland	G3G5	SU	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 05/07/1999

Version Author Spackman, S.C.

Disclaimer

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