

Level 4 Potential Conservation Area (PCA) Report

Name Berrian Mountain

Site Code S.USCOHP*1698

IDENTIFIERS

Site ID 353 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 393424N
State Colorado Longitude 1051735W

Quad Code Quad Name

39105-E3 Conifer

County

Jefferson (CO)

Watershed Code Watershed Name

10190002 Upper South Platte

SITE DESCRIPTION

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

Site Description

The Berrian Mountain potential conservation area is a steep-sloped ravine which runs south and drains into north Turkey Creek. It is a small linear site supporting a unique mid-montane riparian habitat. The upper and mid slopes of the ravine are forested with Douglas-fir, ponderosa pine, and lodgepole pine, each dominating in different places. The understories of these slopes are primarily common juniper and kinikini. The creek bottom has a narrow perennial stream bounded on both sides with Colorado blue spruce, alder, maple, and dogwood. A dense mesic understory consisting of ferns, orchids, bellwort, horsetails, monkshood, buttercups, meadowrue, and many other riparian species making this creek bottom exceedingly lush. As the topography becomes less steep at both the upper and lower ends of the drainage, the vegetation becomes less dense. Exotic plants are a problem in these open areas, but become choked out in the steep part of the ravine. Signs of black bear, elk, mountain lion (including a den), and other mammals were seen, along with an abundant and diverse bird life, including goshawks, juncos, flickers, chickadees, and others. The lower end of the drainage has been cleared and one house has been built, while the upper slopes just outside the site is a residential area. Two area Denver mountain park sites are adjacent to 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 09/12/1994

Designer Pague, C.A.

Boundary Justification

The boundaries of this conservation site include the creek bottom and its adjacent slopes. The riparian corridor with the rare plant association, the goshawk nesting site, and the mountain lion den are all within this boundary. A forested buffer is included to protect the water source. The extent of buffer required for long term protection of the area as a goshawk nesting site is unknown.

Primary Area 176.32 Acres 71.35 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

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Biodiversity Significance Comments

A fair (BC-ranked) occurrence of a globally vulnerable (G3S3) plant community.

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>
24518	<i>Picea pungens</i> / <i>Alnus incana</i> Woodland	Montane Riparian Forests	G3	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 09/12/1994

Version Author Pague, C.A.

Disclaimer

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