

Level 4 Potential Conservation Area (PCA) Report

Name Bull Creek

Site Code S.USCOHP*7150

IDENTIFIERS

Site ID 724 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 405254N
State Colorado Longitude 1052917W

<u>Quad Code</u>	<u>Quad Name</u>
40105-H4	Cherokee Park
40105-H5	Diamond Peak

County

Larimer (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190007	Cache La Poudre

SITE DESCRIPTION

Minimum Elevation	7,400.00 Feet	2,255.52 Meters
Maximum Elevation	8,040.00 Feet	2,450.59 Meters

Site Description

Silver Plume granite outcrops and ponderosa pine (*Pinus ponderosa*) woodlands characterize this Front Range foothills site. Larimer aletes (*Aletes humilis*) and Rocky Mountain cinquefoil (*Potentilla rupincola*) occur in shallow granitic soils and granite crevices within the open montane forest and on exposed outcrops. Associated woody vegetation includes Douglas-fir (*Pseudotsuga menziesii*), waxflower (*Jamesia americana*), and common juniper (*Juniperus communis*). Associated forbs include cinquefoil (*Potentilla effusa* and *Drymocallis fissa*), alum-root (*Heuchera* spp.), buttercup (*Ranunculus ranunculinus*), penstemon (*Penstemon virens*), and stonecrop (*Sedum lanceolatum*).

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 03/01/2005
Designer Doyle, G.A.

Boundary Justification

The boundary encompasses the rare plant occurrences, intervening potential habitat, and a buffer to protect from direct disturbance. Unsurveyed potential habitat occurs outside of the site boundary. Future surveys will likely lead to revisions of the boundary.

Primary Area 791.91 Acres 320.48 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains excellent (A-ranked) occurrences of two globally imperiled plants: Larimer aletes (*Aletes humilis*) (G2G3/S2S3) and Rocky Mountain cinquefoil (*Potentilla rupincola*) (G2/S2). These species are endemic to Colorado and restricted to areas with large Silver Plume granite outcrops.

Other Values Rank No Data

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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>
17408	<i>Aletes humilis</i>	Larimer aletes	G2G3	S2S3	Yes
17408	<i>Aletes humilis</i>	Larimer aletes	G2G3	S2S3	Yes
19580	<i>Potentilla rupincola</i>	Rocky Mountain cinquefoil	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192692	Doyle, G.A., S.L. Neid and R.J. Rondeau. 2005. Final Report: Survey of Critical Biological Resources, Larimer County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Fayette, K.K. 1997-02-13.

VERSION

Version Date	03/01/2005
Version Author	Doyle, G.A.

Disclaimer

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