

Level 4 Potential Conservation Area (PCA) Report

Name South Saint Vrain

Site Code S.USCOHP1*2740

IDENTIFIERS

Site ID 810 Site Class PCA
Site Alias Cannon Mountain North
Site Alias Berry Ridge

Network of Conservation Areas (NCA)

NCA Site ID NCA Site Code NCA Site Name
2526 S.USCOHP*27434 North Saint Vrain-Hermit Park

LOCATORS

Nation United States Latitude 400932N
State Colorado Longitude 1052458W

Quad Code Quad Name

40105-B3 Lyons
40105-B4 Raymond

County

Watershed Code Watershed Name

10190005 St. Vrain

SITE DESCRIPTION

Minimum Elevation 6,790.00 Feet 2,069.59 Meters
Maximum Elevation 8,470.00 Feet 2,581.66 Meters

Site Description

Exposed gravelly ridges of Silver Plume Granite within the South St. Vrain Canyon support mixed conifer woodlands and shrublands. Much of the site supporting the rare Larimer aletes (*Aletes humilis*) is bare ground with small amounts of woodland, shrubland, forbs and mosses. Other common species in the site include ponderosa pine (*Pinus ponderosa*), Douglas-fir (*Pseudotsuga menziesii*), common juniper (*Juniperus communis*) and cliffbush (*Jamesia americana*). Fruticose lichen was noted on the gravel in some areas.

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 12/22/2005

Designer Doyle, G.A.

Boundary Justification

The boundary is drawn to protect the occurrences and surrounding similar habitat. There is unsurveyed habitat within and outside of the site boundary.

Primary Area 1,806.24 Acres 730.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports excellent (A-ranked) and good (B-ranked) occurrences of a globally imperiled (G2G3/S2S3) plant, Larimer aletes (*Aletes humilis*) and a fair (C-ranked) occurrence of the globally vulnerable (G3/S3) wavy-leaf stickleaf (*Nuttallia sinuata*).

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

More habitat exists along the ridgetop which should be surveyed for *A. humilis*.

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
21778	<i>Nuttallia sinuata</i>	wavy-leaf stickleaf	G3	S3	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
195190	Neid, S., J. Lemly, K. Decker and D. Culver. 2009. Final Report: Survey of Critical Biological Resources in Boulder County 2007-2008. Colorado Natural Heritage Program, Fort Collins, CO.
174873	Scully, R.W. and M.J. Howell. 1993. Field Surveys.
184760	Van Huysen, T. and L. Cavaille. 2003. USFS field surveys.

ADDITIONAL TOPICS

Additional Topics

Original site design by Burt, J. 1995-04-06.

VERSION

Version Date 12/22/2005

Version Author Doyle, G.A.

Disclaimer

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