

Level 4 Potential Conservation Area (PCA) Report

Name Jones Pass

Site Code S.USCOHP*26252

IDENTIFIERS

Site ID 2353 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 394601N
State Colorado Longitude 1055313W

Quad Code Quad Name

39105-G8 Byers Peak

County

Clear Creek (CO)

Grand (CO)

Watershed Code Watershed Name

10190004	Clear
14010001	Colorado headwaters

SITE DESCRIPTION

Minimum Elevation	12,500.00	Feet	3,810.00	Meters
Maximum Elevation	12,640.00	Feet	3,852.67	Meters

Site Description

The Jones Pass site is located along the Continental Divide and county line. Alpine habitat prevails, dominated by Ross's avens (*Geum rossii*), moss campion (*Silene acaulis* ssp. *subcaulescens*), Rocky Mountain nailwort (*Paronychia pulvinata*), twinflower sandwort (*Minuartia obtusiloba*), narrow-leaf bluebells (*Mertensia lanceolata*), dwarf clover (*Trifolium nanum*), and alpine spring beauty (*Claytonia megarhiza*). The thick-leaf whitlow-grass (*Draba crassa*) is found within the granite crevices. Soils are stony sand loam, typical of alpine slopes (USDA, NRCS 1994). The granitic rocks are derived from igneous rocks of Cambrian Age (Tweto 1979). The Jones Tunnel (August P. Glimlick Tunnel) and powerline bisect the site.

Key Environmental Factors

No Data

Climate Description

Climate follows typical weather patterns of high mountain valleys, low precipitation/snowfall (<12-15 inches/year) and late summer "monsoons".

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 01/30/2006
Designer Culver, D.R.

Boundary Justification

Boundary is drawn along the Continental Divide, depicting the occurrences as well as potential habitat. It is very likely that the thick-leaf whitlow-grass occurs throughout the alpine region of Continental Divide.

Primary Area	66.40	Acres	26.87	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The Jones Pass site supports an extant occurrence of the globally imperiled (G2/S2) Gray's Peak whitlow-grass (*Draba grayana*) and a good (B-ranked) occurrence of the globally imperiled (G3/S3) thick-leaf whitlow-grass (*Draba crassa*).

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Other Values Rank V2 - High values

Other Values Comments

Excellent views of the Williams Fork Valley.

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

Pollinators are unknown.

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>
21274	<i>Draba crassa</i>	thick-leaf whitlow-grass	G3G4	S3	Yes
17794	<i>Draba grayana</i>	Gray's Peak whitlow-grass	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
193632	Culver, D.R. and Jones, J.R. 2006. Final Report: Survey of Critical Biological Resources in Grand County. Colorado Natural Heritage Program, Fort Collins, CO.
192747	Tweto, O. 1979. Geologic Map of Colorado, 1:500,000. United States Geological Survey, Department of Interior, and Geologic Survey of Colorado, Denver, CO.
193653	U.S. Department of Agriculture, Soil Conservation Service. 1994. State Soil Geographic (STATSGO) database for Colorado. Fort Worth, TX.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 01/30/2006
Version Author Culver, D.R.

Disclaimer

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