

Level 4 Potential Conservation Area (PCA) Report

Name Mount Logan Road

Site Code S.USCOHP*5906

IDENTIFIERS

Site ID 784 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>
2470	S.USCOHP*27039	Roan

LOCATORS

Nation United States Latitude 392450N
State Colorado Longitude 1081008W

Quad Code Quad Name
39108-D2 Red Pinnacle

County
Garfield (CO)

Watershed Code Watershed Name
14010005 Colorado headwaters-Plateau
14010006 Parachute-Roan

SITE DESCRIPTION

Minimum Elevation 7,000.00 Feet 2,134.00 Meters
Maximum Elevation 8,044.00 Feet 2,452.00 Meters

Site Description

This site includes the roadside of a narrow dirt road which switchbacks up Mt. Logan. The site is an unnatural one for the Parachute penstemon, Arapien stickleaf and Utah fescue, which normally grow on steep south-facing slopes. The roadcut exposes the Green River shale on a north-facing slope which, except for the roadcut, is heavily vegetated. The Utah mountain lilac, on the other hand, is at home in the dense growth of shrubs above the roadcut. Over 100 large plants of this species were counted in a small area with a diverse assortment of mountain shrubs including Gambel's oak, serviceberry, snowberry, bitterbrush, mountain mahogany, currant and wild rose.

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 10/22/1996
Designer Fayette, K.K.

Boundary Justification

The site includes occurrences of four rare plant species on a roadcut and a small buffer up and downslope of the road. Because the adjacent habitat outside the roadcut is not suitable for the species, additional area was not included.

Primary Area 649.74 Acres 262.94 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good (B-ranked) and a fair (C-ranked) occurrence of the globally critically imperiled (G1/S1) Parachute penstemon (*Penstemon debilis*), a fair (C-ranked) occurrence of the globally imperiled (G2/S2) Roan Cliffs blazing star (*Mentzelia rhizomata*), an unranked occurrence of the state rare (G4/S1) Utah mountain lilac (*Ceanothus martinii*) and a historical occurrence of the globally vulnerable (G3/S3) Utah

Level 4 Potential Conservation Area (PCA) Report

Name Mount Logan Road

Site Code S.USCOHP*5906

fescue (*Argillochloa dasyclada*), last observed in the 1970s.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

Road traffic.

Natural Hazard Comments

Road is extremely dangerous when wet.

Exotics Comments

Bromus inermis is on the roadside.

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>
20696	<i>Penstemon debilis</i>	Parachute penstemon	G1	S1	Yes
17361	<i>Mentzelia rhizomata</i>	Roan Cliffs blazing star	G2	S2	No
18994	<i>Argillochloa dasyclada</i>	Utah fescue	G3	S3	No
19965	<i>Ceanothus martinii</i>	Utah mountain lilac	G4	S1	No
20696	<i>Penstemon debilis</i>	Parachute penstemon	G1	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
193460	Lyon, P., J. Sovell, and J. Rocchio. 2001. Final Report: Survey of Critical Biological Resources, Garfield County, Colorado. Vol. 1. Colorado Natural Heritage Program, Fort Collins, CO.
193549	Spackman, S., K. Fayette, K. Carsey and R.J. Rondeau. 1997. Final Report: Field Survey and Protection Recommendations for the Globally Imperiled Parachute Penstemon, <i>Penstemon debilis</i> O'Kane and Anderson. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 03/14/2001

Version Author Lyon, M.J.

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name Mount Logan Road

Site Code S.USCOHP*5906

These data are a product and property of Colorado State University, Colorado Natural Heritage Program (CNHP). These data are strictly "on loan" and should be considered "works in progress". Data maintained in the Colorado Natural Heritage Program database are an integral part of ongoing research at CSU and reflect the observations of many scientists, institutions and our current state of knowledge. These data are acquired from various sources, with varying levels of accuracy, and are continually being updated and revised. Many areas have never been surveyed and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. These data should not be regarded as a substitute for on-site surveys required for environmental assessments. Absence of evidence is NOT evidence of absence. Absence of any data does not mean that other resources of special concern do not occur, but rather CNHP files do not currently contain information to document this presence. CNHP is not responsible for whether other, non-CNHP data providers have secured landowner permission for data collected.

These data are provided for non-commercial purposes only. Under no circumstances are data to be distributed in any fashion to outside parties. To ensure accurate application of data, tabular and narrative components must be evaluated in conjunction with spatial components. Failure to do so constitutes a misuse of the data. The Colorado Natural Heritage Program shall have no liability or responsibility to the data users, or any other person or entity with respect to liability, loss, or damage caused or alleged to be caused directly or indirectly by the data, including but not limited to any interruption of service, loss of business, anticipatory profits or indirect, special, or consequential damages resulting from the use of operation of the data. Data users hereby agree to hold CNHP, Colorado State University, and the State of Colorado harmless from any claim, demand, cause of action, loss, damage or expense from or related to data users use of or reliance on the data, regardless of the cause or nature thereof, and even in the event that such cause is attributable to the negligence or misconduct of CNHP.

These data are provided on an as-is basis, as-available basis without warranties of any kind, expressed or implied, INCLUDING (BUT NOT LIMITED TO) WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Although CNHP maintains high standards of data quality control, CNHP, Colorado State University, and the State of Colorado further expressly disclaim any warranty that the data are error-free or current as of the date supplied