

Level 4 Potential Conservation Area (PCA) Report

Name Cedar Creek

Site Code S.USCOHP*5841

IDENTIFIERS

Site ID 485 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>
2465	S.USCOHP*27034	Adobe Hills

LOCATORS

Nation United States Latitude 382902N
State Colorado Longitude 1074522W

<u>Quad Code</u>	<u>Quad Name</u>
38107-D6	Cerro Summit
38107-D7	Montrose East
38107-E7	Red Rock Canyon
38107-E6	Grizzly Ridge

County

Montrose (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14020006	Uncompahange
14020002	Upper Gunnison

SITE DESCRIPTION

Minimum Elevation	6,200.00 Feet	1,890.00 Meters
Maximum Elevation	6,776.00 Feet	2,065.00 Meters

Site Description

The site is located on slopes of mancos shale, at the eastern end of this formation. Vegetation of the area consists primarily of desert shrubs including *Atriplex confertifolia*, *Artemisia nova*, *Tetradymia spinescens*, with grasses including *Elymus elymoides* and *Elymus salina*. *Eriogonum pelinophilum* is often found in shallow swales. Much of the area has been heavily grazed. *Penstemon retrorsus* was found mostly on northwest to northeast facing slopes. Associated species include *Artemisia tridentata* ssp. *tridentata*, *Elymus salina*, *E. elymoides*, *Xylorhiza venusta*, *Astragalus flava*, and *A. asclepiadoides*. Many canals and roads are in the area. Vegetation along Cedar Creek and canals consists of *Sarcobatus vermiculatus*, *Phalaris arundinacea*, *Tamarix ramosissima*, *Salix exigua*, *Rhus trilobata*, *Acer negundo*, knapweed, and *Rosa*.

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 11/20/1998
Designer Lyon, M.J.

Boundary Justification

The site contains a cluster of known element occurrences and adjacent potential habitat within the Uncompahgre Badlands site.

Primary Area 4,641.48 Acres 1,878.35 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains excellent (A-ranked) and good (B-ranked) occurrences of the globally imperiled

Level 4 Potential Conservation Area (PCA) Report

Name Cedar Creek

Site Code S.USCOHP*5841

(G2G3/S2S3) Colorado desert-parsley (*Lomatium concinnum*), a fair (C-ranked) occurrence of the globally imperiled (G2/S2) clay-loving wild buckwheat (*Eriogonum pelinophilum*) and fair (C-ranked) and historical occurrences of the globally vulnerable (G3/S3) adobe beardtongue (*Penstemon retrorsus*).

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 State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
23232	<i>Lomatium concinnum</i>	Colorado desert-parsley	G2G3	S2S3	Yes
23232	<i>Lomatium concinnum</i>	Colorado desert-parsley	G2G3	S2S3	Yes
23232	<i>Lomatium concinnum</i>	Colorado desert-parsley	G2G3	S2S3	No
17458	<i>Eriogonum pelinophilum</i>	clay-loving wild buckwheat	G2	S2	No
16795	<i>Penstemon retrorsus</i>	adobe beardtongue	G3	S3	No
23232	<i>Lomatium concinnum</i>	Colorado desert-parsley	G2G3	S2S3	No
17458	<i>Eriogonum pelinophilum</i>	clay-loving wild buckwheat	G2	S2	No
16795	<i>Penstemon retrorsus</i>	adobe beardtongue	G3	S3	No
16795	<i>Penstemon retrorsus</i>	adobe beardtongue	G3	S3	No
23232	<i>Lomatium concinnum</i>	Colorado desert-parsley	G2G3	S2S3	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	05/10/1999
Version Author	Lyon, M.J.

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name Cedar Creek

Site Code S.USCOHP*5841

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