

Level 4 Potential Conservation Area (PCA) Report

Name Deer Creek West

Site Code S.USCOHP*286

IDENTIFIERS

Site ID 984 Site Class PCA
Site Alias Deer Creek

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 385058N
State Colorado Longitude 1082122W

<u>Quad Code</u>	<u>Quad Name</u>
38108-G3	Dominguez
38108-G4	Triangle Mesa

County
Mesa (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14020005	Lower Gunnison

SITE DESCRIPTION

Minimum Elevation	4,725.00 Feet	1,440.00 Meters
Maximum Elevation	5,372.00 Feet	1,637.00 Meters

Site Description

Deer Creek flows southwesterly into the Gunnison River. A gravel road follows the creek, south of Highway 50. Benches above the creek are covered with salt desert shrub vegetation: shadscale, four-wing saltbush and galleta, and are heavily invaded by cheatgrass. Colorado hookless cactus have been found in the site. Often they are hidden under shrubs, which protect them from desiccation and trampling. This site should be visited early in the season, when the flowers make the cacti more visible.

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 01/27/2011
Designer Lyon, M.J.

Boundary Justification

The boundary was drawn to include known occurrences of *Sclerocactus glaucus* and similar habitat within the Deer Creek drainage. The site was enlarged in 2010 to include a new cactus sub-population.

Primary Area 1,238.56 Acres 501.23 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports a fair (C-ranked) occurrence of Colorado hookless cactus (*Sclerocactus glaucus*), a globally imperiled plant (G2G3/S2S3).

Other Values Rank No Data

Other Values Comments

No Data

Level 4 Potential Conservation Area (PCA) Report

Name Deer Creek West

Site Code S.USCOHP*286

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>
16984	<i>Sclerocactus glaucus</i>	Colorado hookless cactus	G2G3	S2S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
168090	Lyon, P. 1997. Colorado Natural Heritage Program Field Survey of Mesa County.
198627	Lyon, P. and B. Kuhn. 2010. Rare Plant Survey of Dominguez-Escalante National Conservation Area.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/27/2011
Version Author	Kuhn, B. and M.J. Lyon

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name Deer Creek West

Site Code S.USCOHP*286

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