

Level 4 Potential Conservation Area (PCA) Report

Name North Park Natural Area

Site Code S.USCOHP*689

IDENTIFIERS

Site ID 1449 Site Class PCA
Site Alias California Gulch

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
1658	S.USCOHP1*1954	North Park

LOCATORS

Nation United States Latitude 404618N
State Colorado Longitude 1062219W

Quad Code Quad Name

40106-F4	Delaney Butte
40106-G3	Cowdrey
40106-G4	Lake John
40106-F3	Walden

County

Jackson (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10180001	North Platte Headwaters

SITE DESCRIPTION

Minimum Elevation	8,000.00 Feet	2,438.00 Meters
Maximum Elevation	8,240.00 Feet	2,511.55 Meters

Site Description

The North Park Natural Area site includes outcrops of the Coalmont Formation in the vicinity of the North Platte River. Coalmont Formation consists of arkosic sandstone, conglomerate, and shale. The California Gulch portion of the site contains a gentle southeast to northwest oriented ridge, with rolling hills broken by eroding gullies. Areas supporting the critically imperiled North Park phacelia (*Phacelia formosula*) are sparsely vegetated outcrops of the Coalmont Formation but surrounded by extensive sagebrush plains. Other rare plants occurring within the site include the state rare bitterroot (*Lewisia rediviva*).

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 10/29/2005
Designer Doyle, G.A.

Boundary Justification

The boundary encompasses the North Park phacelia occurrences and surrounding habitat. Included within the boundary are small portions of riparian areas that are not habitat for the shale barren plants. The boundary excludes the majority of the North Platte River.

Primary Area 11,486.70 Acres 4,648.52 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B1: Outstanding Biodiversity Significance

Biodiversity Significance Comments

The site includes excellent (A-ranked) and good (B-ranked) occurrences of the globally critically imperiled (G1/S1) North Park phacelia (*Phacelia formosula*). All the best known occurrences of North Park phacelia in North Park are included within the site; only a historically known, a fair (C-ranked), and a poor (D-ranked)

Level 4 Potential Conservation Area (PCA) Report

Name North Park Natural Area

Site Code S.USCOHP*689

occurrence are not included. There are an estimated 8,000 individuals of North Park phacelia documented for this species range-wide, with that figure fluctuating annually dependent on precipitation. In 2004, a phacelia appearing to be the same as North Park phacelia was collected in the Laramie River Valley in Larimer County. Investigations are underway to determine if this is a range extension for this federally listed endangered species.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

Review monitoring report written by Janet Coles.

ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
18321	<i>Phacelia formosula</i>	North Park phacelia	G1	S1	No
22471	<i>Lewisia rediviva</i>	bitterroot	G5	S2	No
18321	<i>Phacelia formosula</i>	North Park phacelia	G1	S1	No
18321	<i>Phacelia formosula</i>	North Park phacelia	G1	S1	Yes
18321	<i>Phacelia formosula</i>	North Park phacelia	G1	S1	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
170958	O'Kane, S. and J. Anderson. 1985. Field Surveys.
173852	Peterson, J.S., K. Wiley-Eberle, W.L. Baker, and J. Anderson. 1981. Field surveys.

ADDITIONAL TOPICS

Additional Topics

Original site design by Pague, C.A. 1994-09-05.

VERSION

Version Date	12/07/2005
Version Author	Doyle, G.A.

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name North Park Natural Area

Site Code S.USCOHP*689

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