

Level 4 Potential Conservation Area (PCA) Report

Name Case Reservoir Bluffs

Site Code S.USCOHP8*3285

IDENTIFIERS

Site ID 1568 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>
1658	S.USCOHP1*1954	North Park

County

Jackson (CO)

SITE DESCRIPTION

Site Description

The Case Reservoir Bluffs site is located on bluffs above Potter Creek between 8,100 feet and 8,240 feet in elevation. Potter Creek flows northeast into the Illinois River. The site includes bluffs with outcrops of the Coalmont Formation above a new reservoir and stretches north into BLM land. The area is sparsely vegetated where *Phacelia formosula* occurs but is surrounded by extensive sagebrush plains. Evidence of past grazing exists on the Wildlife Refuge part of this occurrence. There is some recreational use associated with the Refuge, but currently it does not seem to have impacted the site. Heavy grazing and trampling were observed on the BLM land. There is much potential habitat on BLM land that may support *Phacelia formosula* once grazing levels are reduced.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

Minimum Elevation	8,100.00 Feet	2,469.00 Meters
Maximum Elevation	8,240.00 Feet	2,512.00 Meters

SITE DESIGN

Site Map P - Partial Mapped Date 11/20/1995
Designer Culver, D.R.

Boundary Justification

The primary boundary protects habitat and ecological processes to support the occurrence of *Phacelia formosula*.

Primary Area 2,097.81 Acres 848.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good to excellent (AB-ranked) occurrence of North Park phacelia (*Phacelia formosula*), a globally critically imperiled (G1/S1) plant species. Potential habitat extends north and west intermittently. There are only eight known locations and only two of those sites with significant numbers. There are an estimated 8,000 individuals documented for this species range-wide, with that figure fluctuating annually depending 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

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ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
18321	<i>Phacelia formosula</i>	North Park phacelia	G1	S1	Y

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
173855	Burt, J. and L. Carsten. 1995. Field survey to Jackson County of June 26-30 and July 4-12.
173856	Carsey, K. and J. Coles. 1995. Field surveys.

ADDITIONAL TOPICS

Additional Topics

No Data

LOCATORS

Nation	United States	Latitude	404140N
State	Colorado	Longitude	1061847W

Quad Code Quad Name

40106-F3 Walden

Watershed Code Watershed Name

10180001 North Platte Headwaters

VERSION

Version Date 11/20/1995

Version Author Culver, D.R.

DISCLAIMER

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