

Level 4 Potential Conservation Area (PCA) Report

Name North Sand Dunes

Site Code S.USCOHP*26152

IDENTIFIERS

Site ID 2339 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>
-		No Data

LOCATORS

Nation United States Latitude 405206N
State Colorado Longitude 1061142W

Quad Code Quad Name

40106-G2 Eagle Hill
40106-H2 Kings Canyon

County

Jackson (CO)

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

SITE DESCRIPTION

Minimum Elevation	8,500.00 Feet	2,590.80 Meters
Maximum Elevation	8,700.00 Feet	2,651.76 Meters

Site Description

The North Sand Dunes are an active dune system at the eastern edge of North Park. Government Creek forms the northern boundary of the dunes and North Sand Creek the southern boundary. The North Sand Dunes and East Sand Dunes (located 8 miles south) of North Park are the only cold-climate dunes in Colorado (Colorado State Parks 2006). The dunes formed as winds carrying sediments across North Park hit the Medicine Bow Range and drop their sediment (Colorado State Parks 2006).

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 03/01/2006
Designer Doyle, G.A.

Boundary Justification

The boundary includes the main sand dune mass as mapped by CDOW Basinwide Vegetation Mapping (2001).

Primary Area	428.08 Acres	173.24 Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports a good (B-ranked) occurrence of the globally imperiled (G1?/S1) North Park bugseed (*Corispermum navicula*). This is one of two known locations of this species in the world.

Other Values Rank No Data

Other Values Comments

No Data

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LAND MANAGEMENT ISSUES

Land Use Comments

Off-road vehicle use is permitted on the dunes.

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

East Sand Dunes Natural Area is eight miles southeast of North Sand Dunes.

Information Needs

No Data

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>			
20362	<i>Corispermum navicula</i>	North Park bugseed	G1?	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
193570	Colorado Division of Wildlife. 2001-2003. Basinwide Vegetation Classification. Online at http://www.ndis.nrel.colostate.edu .
194254	Colorado State Parks. 2006. Online at http://parks.state.co.us .

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 03/01/2006

Version Author Doyle, G.A.

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