

Level 4 Potential Conservation Area (PCA) Report

Name Cougar Springs

Site Code S.USCOHP*27577

IDENTIFIERS

Site ID 2570 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 383529N
State Colorado Longitude 1060036W

Quad Code Quad Name
38106-E1 Salida West

County
Chaffee (CO)

Watershed Code Watershed Name
11020001 Arkansas Headwaters

SITE DESCRIPTION

Minimum Elevation	7,400.00 Feet	2,255.52 Meters
Maximum Elevation	8,350.00 Feet	2,545.08 Meters

Site Description

Cougar Springs is located above Sand Park within the Arkansas Hills. There are scattered stabilized sand dunes throughout the site. The area is sparsely vegetated with scattered pinon pine (*Pinus edulis*), one-seeded juniper (*Juniperus monosperma*), blue gilia (*Aliciella pinnatifida*), golden aster (*Heterotheca villosa*), fringed sage (*Artemisia frigida*), mountain mahogany (*Cercocarpus montanus*), prickly pear cactus (*Opuntia polyacantha*), needle-and-thread grass (*Hesperostipa comata*), narrow leaf yucca (*Yucca glauca*), buckwheat (*Eriogonum jamesii*), and rice grass (*Achnatherum hymenoides*). The uplands consist of pinon pine (*Pinus edulis*) woodland with Douglas fir (*Pseudotsuga menzeisii*) forest on the north facing slopes and drainages.

Key Environmental Factors

No Data

Climate Description

The site receives an average of 300 days of sunshine each year. A typical summer day is sunny, in the high 70's to low 80's with evening temperatures in the high 40's and low 50's. Annual rainfall is 10.15" and annual snowfall is 30.4" with most snow occurring from the end of October through April.

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 01/20/2009

Designer Culver, D.R.

Boundary Justification

Boundary is drawn to capture the rare plants and the sand dunes. A buffer against direct disturbances also provides potential habitat for future recruitment.

Primary Area 708.18 Acres 286.59 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports a good (B-ranked) occurrence of the globally imperiled (G2/S2) Fendler's townsend-daisy (*Townsendia fendleri*).

Other Values Rank No Data

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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</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>
17481	<i>Townsendia fendleri</i>	Fendler's townsend-daisy	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
198290	Culver, D.R., D. Malone, S.L. Neid, and J. Handwerk. 2009. Final Report: Survey of Critical Biological Resources in Chaffee County. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/20/2009
Version Author	Culver, D.R.

Disclaimer

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