

Level 4 Potential Conservation Area (PCA) Report

Name Cedar Hill Flats

Site Code S.USCOHP*26874

IDENTIFIERS

Site ID 2434 Site Class PCA
Site Alias Northeast Pinon Canyon Maneuver Site

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 373748N
State Colorado Longitude 1034305W

<u>Quad Code</u>	<u>Quad Name</u>
37103-F5	Riley Canyon
37103-E7	Stage Canyon
37103-F7	Sheep Canyon
37103-E6	O V Mesa
37103-E5	Beaty Canyon
37103-F6	Packers Gap

County

Las Animas (CO)
Otero (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
11020010	Purgatoire
11020005	Upper Arkansas-Lake Meredith

SITE DESCRIPTION

Minimum Elevation	4,470.00 Feet	1,362.46 Meters
Maximum Elevation	5,175.00 Feet	1,577.34 Meters

Site Description

This site is characterized by open grasslands dissected by juniper woodlands, mesas, and canyons. Dominant plants include *Hesperostipa* sp., blue grama (*Bouteloua gracilis*), James' galleta (*Hilaria jamesii*), and juniper (*Juniperus monosperma*). Parts of the surrounding area are strongly dominated by cheatgrass (*Bromus tectorum*) with scattered cholla (*Opuntia imbricata*), pricklypear (*O. polyacantha*), broom snakeweed (*Gutierrezia sarothrae*), daisy (*Tetraeneuris acaulis*), buffalo grass (*Buchloe dactyloides*), yucca (*Yucca glauca*), and sideoats grama (*Bouteloua curtipendula*).

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 02/01/2010
Designer Panjabi, S.S. and R.J. Rondeau

Boundary Justification

This site includes occurrences of *Asclepias uncialis* ssp. *uncialis* and *Oenothera harringtonii*, adjacent potential habitat, and some representation of the local mosaic of plant communities.

Primary Area	24,255.91 Acres	9,816.06 Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

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Biodiversity Significance Comments

This site contains two good (B-ranked) occurrences of the globally imperiled (G3G4T2T3/S2) dwarf milkweed (*Asclepias uncialis* ssp. *uncialis*). There are few good to excellent examples of this subspecies known from Colorado. The globally vulnerable (G3/S3) Arkansas Valley evening primrose (*Oenothera harringtonii*) has also been documented in good to fair (BC-ranked) condition.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

Bromus tectorum is the only state-listed noxious weed that has been documented at the site.

Offsite

No Data

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>			
23798	<i>Asclepias uncialis</i> ssp. <i>uncialis</i>	dwarf milkweed	G3G4T2T3	S2	Yes
23798	<i>Asclepias uncialis</i> ssp. <i>uncialis</i>	dwarf milkweed	G3G4T2T3	S2	Yes
19476	<i>Oenothera harringtonii</i>	Arkansas Valley evening primrose	G3	S3	No
19476	<i>Oenothera harringtonii</i>	Arkansas Valley evening primrose	G3	S3	No
24511	<i>Bouteloua gracilis</i> - <i>Pleuraphis jamesii</i> Herbaceous Vegetation	Shortgrass Prairie	G2G4	S3	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
195013	Neid, S., K. Decker, J. Handwerk, and S. Spackman Panjabi. 2007. Final Report: Rare Plant Surveys on Pinon Canyon Maneuver Site 2006-2007. Colorado Natural Heritage Program, Fort Collins, CO.
198519	Rondeau, R.J., J.R. Sovell, J.E. Stevens, D. Clark and L. Grunau. 2010. Final Report: Southeast Colorado Survey of Critical Biological Resources 2009. Addendum to the 2007 Survey. Colorado Natural Heritage Program, Fort Collins, CO.
194961	Spackman Panjabi, S. and K. Decker. 2007. Front Range Eco-regional Partnership Invasive Plant Species Strategic Plan. Unpublished report prepared for the U.S. Department of Defense by the Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Panjabi, S.S. 2007-12-12.

VERSION

Version Date	02/01/2010
Version Author	Panjabi, S.S. and R.J. Rondeau

Disclaimer

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