

Level 4 Potential Conservation Area (PCA) Report

Name Cold Spring Mountain

Site Code S.USCOHP*7462

IDENTIFIERS

Site ID 1905 **Site Class** PCA
Site Alias Bassett Spring
Site Alias Cold Spring Mountain Spring
Site Alias No Name Spring
Site Alias Willow Spring
Site Alias Willow Spring at Cold Spring Mountain

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** 405432N
State Colorado **Longitude** 1085454W

Quad Code Quad Name

40108-H8	Beaver Basin
40108-G8	Lodore School
40109-H1	Willow Creek Butte
40108-H7	Sparks
40108-G7	Big Joe Basin

County

Moffat (CO)

Watershed Code

Watershed Name

14040106	Upper Green-Flaming Gorge Reservoir
14040109	Vermilion

SITE DESCRIPTION

Minimum Elevation	6,614.00	Feet	2,015.95	Meters
Maximum Elevation	9,521.00	Feet	2,902.00	Meters

Site Description

Cold Spring Mountain, in northwestern Colorado, is characterized by numerous springs and ephemeral drainages. Wyoming big sagebrush is the dominant habitat with Utah juniper on the upper slopes. Some of the springs have been converted to stock ponds and are used heavily by domestic livestock and wildlife. The mesic meadows that surround the springs are often composed of hay grasses. The site contains sandy red sandstone slopes and includes the following associated taxa: Wyoming big sagebrush (*Artemisia tridentata* ssp. *wyomingensis*), yarrow (*Achillea millefolium*), *Polygonum*, *Iris*, *Orthocarpus*, *Cirsium coloradense*, cinquefoil (*Potentilla*), muskflower (*Mimulus moschatus*), *Eremogone*, curly dock (*Rumex crispus*), muhly (*Muhlenbergia filiformis*), Arizona fescue (*Festuca arizonica*), muttongrass (*Poa fendleriana*), prairie Junegrass (*Koeleria macrantha*), baby goldenrod (*Solidago nana*), Woods' rose (*Rosa woodsii*), and *Stipa*. Rare plant critical habitat includes drainages or reservoirs on rocky, red sandstone, which get intermittent rains or runoff.

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** 07/16/2009
Designer Panjabi, S.S.

Boundary Justification

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The boundary is drawn to include the known occurrences, additional potential habitat, and the local mosaic of plant communities. The boundary was digitized while referencing a one meter digital color orthophoto quad and a 1:100,000 USGS quadrangle.

Primary Area 36,707.34 Acres 14,854.99 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports five occurrences of a globally imperiled (G2/S2) plant, narrow-leaf evening primrose (*Oenothera acutissima*), one of which is in good (B-ranked) condition.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

Hazards include steep cliffs and presence of rattlesnakes.

Exotics Comments

Hay grasses are present.

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>			
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	No
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	Yes
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	No
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	No
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

Original site design by A. Loar 1997-02-25.

VERSION

Version Date 07/16/2009
Version Author Panjabi, S.S.

Disclaimer

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