

Level 4 Potential Conservation Area (PCA) Report

Name Pot Creek

Site Code S.USCOHP*5821

IDENTIFIERS

Site ID 1174 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>
606	S.USCOHP*749	Yampa River in Dinosaur

LOCATORS

Nation United States Latitude 403806N
State Colorado Longitude 1085938W

Quad Code Quad Name

40108-F8	Canyon of Lodore North
40109-E1	Jones Hole
40109-F1	Hoy Mountain
40108-E8	Canyon of Lodore South

County

Moffat (CO)

Watershed Code

Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

SITE DESCRIPTION

Minimum Elevation	6,568.00 Feet	2,001.93 Meters
Maximum Elevation	7,657.00 Feet	2,333.85 Meters

Site Description

The site includes narrow ephemeral drainages surrounded by quartzite slick rock of Brown's Park Formation sandstone. Dominant plant communities include Utah juniper (*Juniper osteosperma*), Wyoming big sagebrush (*Artemisia tridentata* ssp. *wyomingensis*), Kentucky bluegrass (*Poa pratensis*), western wheatgrass (*Pascopyrum smithii*), broom snakeweed (*Gutierrezia sarothrae*), Douglas' sedge (*Carex douglasii*), and baltic rush (*Juncus balticus*).

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 07/15/2009

Designer Panjabi, S.S.

Boundary Justification

The boundary is drawn to include the known occurrence, additional potential habitat, and the local mosaic of plant communities. The boundary was digitized while referencing a one meter digital color orthophoto quad.

Primary Area 5,580.78 Acres 2,258.47 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

Biodiversity rank is based on an excellent (A-ranked) occurrence of a globally imperiled (G2/S2) plant species, narrowleaf evening primrose (*Oenothera acutissima*). This area supports one of the highest quality occurrences known of this species.

Other Values Rank No Data

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Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

Primary land use is cattle grazing.

Natural Hazard Comments

No Data

Exotics Comments

Cheatgrass is present.

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>
22445	<i>Oenothera acutissima</i>	narrow-leaf evening primrose	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	07/15/2009
Version Author	Panjabi, S.S.

Disclaimer

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