

Level 4 Potential Conservation Area (PCA) Report

Name Moon Hill

Site Code S.USCOHP*693

IDENTIFIERS

Site ID 1222 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 404012N
State Colorado Longitude 1065649W

Quad Code Quad Name

40106-F8 Clark

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

SITE DESCRIPTION

Minimum Elevation	7,166.00 Feet	2,184.00 Meters
Maximum Elevation	7,234.00 Feet	2,205.00 Meters

Site Description

The Elk River site contains approximately 8 km (5 mi) stretch of wetland/riparian habitat. The site ranges in elevation from 2150 to 2170 m (7166 to 7234 ft). County Road 129 forms the eastern boundary and County Roads 56 and 58 bisect the site. The Campbell and Keller ditches divert water in the southern portion of site. There is a subdivision located on the eastern bank of the Elk River as well as several ranches with hay fields along the stream corridor. There is a small boggy area located just south of the Moon Hill bridge on the north end of the subdivision. The town of Clark is located at the northern boundary of site. The area is heavily manipulated by development and agricultural activities

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 01/25/1995

Designer Ellingson, A.R.

Boundary Justification

The boundary includes occurrences and buffer of suitable habitat to protect from local disturbance, including but not limited to vegetation trampling, habitat fragmentation, or local hydrologic or geomorphological alteration.

Primary Area 815.26 Acres 329.93 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a plant community which is vulnerable on a global scale (G3G4). This site also contains an excellent occurrence of plant community whose global rank is unknown at this time (GU).

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

Hydrology is important to riparian vegetation and therefore the animals of concern. Activities that alter hydrology and could alter vegetation structure should be evaluated for influence on known elements.

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>
24860	<i>Populus angustifolia</i> / <i>Cornus sericea</i> Woodland	Cottonwood Riparian Forest	G4	S3	No
24614	<i>Salix boothii</i> / Mesic Graminoids Shrubland	Riparian Willow Carr	G3?	S3	No
18213	<i>Calamagrostis canadensis</i> Western Herbaceous Vegetation	Montane Wet Meadows	G4	S4	No
24773	<i>Alnus incana</i> / <i>Cornus sericea</i> Shrubland	Thinleaf Alder-Red-osier Dogwood Riparian Shrubland	G3G4	S3	Yes
24942	<i>Salix drummondiana</i> / <i>Carex utriculata</i> Shrubland	Montane Willow Carr	G4	S3	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
168083	Culver, D.R. and J. Sanderson. 1996. Final Report: A Natural Heritage Assessment of Wetlands and Riparian Areas in Routt County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/25/1995
Version Author	Ellingson, A.R.

Disclaimer

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