

Level 4 Potential Conservation Area (PCA) Report

Name Willow and Beaver Creeks

Site Code S.USCOHP*5898

IDENTIFIERS

Site ID 1105 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 404643N
State Colorado Longitude 1065508W

Quad Code Quad Name

40106-G8 Hahns Peak

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

SITE DESCRIPTION

Minimum Elevation	7,920.00 Feet	2,414.00 Meters
Maximum Elevation	8,160.00 Feet	2,487.00 Meters

Site Description

The Steamboat Lake site encompasses approximately 8.8 km (5.5 mi.) of wetland habitat. The site is located in a broad valley south of Steamboat Lake and west of Pearl Lake. Willow, Beaver, and Larson Creeks meander through the site. The willow carr on Willow and Larson Creeks is one of the best examples observed for Routt County. The willow carr on Beaver Creek is small, and located between two forks of Beaver Creek. It is separated from the Willow Creek carr by housing development. Both carrs are located downslope from reservoirs and are moderately to heavily impacted by grazing and subdivisions.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 10/15/1996

Designer Culver, D.R.

Boundary Justification

Boundaries are drawn to encompass the elements and provide a buffer of at least 100 feet.

Primary Area 1,784.13 Acres 722.01 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a community which is vulnerable on a global scale. This site encompasses a B-ranked occurrence of a G3/S3 community of Salix boothii-Salix geyeriana and BC-ranked occurrences of G3/S3 community (Salix wolfii/mesic forb) and a G3/S3 community (Salix boothii/mesic graminoid). There is a B-ranked occurrence of Grus canadensis tabida (greater sandhill crane) within the site. The sandhill crane is a federally sensitive and a Colorado threatened species. The site contains one of the most extensive and highest quality occurrence of a willow carr observed along the Elk River and within Routt County. This wetland is important for flood abatement, groundwater recharge, wildlife and fish habitat, and contributes to the aesthetic quality of this portion of Routt County.

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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

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>
24614	<i>Salix boothii</i> / Mesic Graminoids Shrubland	Riparian Willow Carr	G3?	S3	Yes
24614	<i>Salix boothii</i> / Mesic Graminoids Shrubland	Riparian Willow Carr	G3?	S3	No
24572	<i>Salix wolfii</i> / Mesic Forbs Shrubland	Subalpine Riparian Willow Carr	G3	S3	No
24614	<i>Salix boothii</i> / Mesic Graminoids Shrubland	Riparian Willow Carr	G3?	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
170859	Culver, D.R. 1996. Colorado Natural Heritage Program Field Survey of Routt County Wetlands.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 10/15/1996
Version Author Culver, D.R.

Disclaimer

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