

Level 4 Potential Conservation Area (PCA) Report

Name South Platte River at Bijou Creek

Site Code S.USCOHP*7842

IDENTIFIERS

Site ID 1235 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 401720N
State Colorado Longitude 1035230W

Quad Code Quad Name

40103-C7 Fort Morgan
40103-C8 Weldona

County

Morgan (CO)

Watershed Code Watershed Name

10190003 Middle South Platte-Cherry Creek

SITE DESCRIPTION

Minimum Elevation - Feet - Meters
Maximum Elevation - Feet - Meters

Site Description

This site is in terrible condition with many trespass cows. Across the river more degraded riparian forest occurs, however the site appears fully recoverable. Here the S. Platte river is confined at the narrows and, consequently, the floodplain remains very wet all year. A large Typha wetland occurs on southern floodplain ringed with Russian olives. The floodplain is narrow here and limited between between overflow channels. Terrace to south supports Populus deltoides-Salix amygdaloides/Carex spp. community type. Across the floodplain, a larger stand of Populus deltoides-Salix amygdaloides/Agropyron dasystachya occurs. This site is just upstream of the Bijou Creek (wash) confluence with the S. Platte River. There are many Russian olive and tamarisk throughout area. Wetlands occur due to water table drainage off limestone bedrock onto floodplain. Limestone outcrops occur on S. side of river. Stand description (physical): Overflow channel area runs into Bijou Creek wash confluence. Standing water. Elevation: 4290 ft.

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 03/27/1997
Designer Kittel, G.M.

Boundary Justification

This small site includes the immediate floodplain south of the South Platte River main channel where the "narrows" constricts the river and there is lateral seepage of a perched water table into the floodplain, creating pockets for these 2 wetland community occurrences.

Primary Area 36.96 Acres 14.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

Tiny degraded occurrence of one common and one rare wetland communities.

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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>
24564	<i>Schoenoplectus acutus</i> - <i>Typha latifolia</i> - (<i>Schoenoplectus tabernaemontani</i>) Sandhills Herbaceous Vegetation	Great Plains Marsh	G4	S2S3	Yes
24687	<i>Typha (latifolia, angustifolia)</i> Western Herbaceous Vegetation	Narrow-leaf Cattail Marsh	G5	S4	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/27/1997
Version Author	Kittel, G.M.

Disclaimer

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