

Level 4 Potential Conservation Area (PCA) Report

Name South Platte River at Atwood State Wildlife Area

Site Code S.USCOHP*7892

IDENTIFIERS

Site ID 1546 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 403923N
State Colorado Longitude 1030940W

Quad Code Quad Name
40103-F2 Sterling North

County
Logan (CO)

Watershed Code Watershed Name
10190012 Middle South Platte-Sterling

SITE DESCRIPTION

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

Site Description

The site is a wide valley with a wide riparian flood plain and a braided shallow sand-gravel channel. Uplands to SE are slightly higher than adjacent agricultural uplands to the NW. To the SW exists the town of Sterling. Interstate 76 parallels the site to the east. River islands and pointbars support bands of sapling *Populus deltoides*, *Salix amygdaloides*, and *Salix exigua*. In 1995, a flood overflowed onto the floodplain depositing fine sands where the vegetation slowed the water. Elev: 3,900 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

Width is based on active floodplain of the river. Several large ditches cut across floodplain as well as agricultural fields, limiting riparian vegetative growth.

Primary Area 242.82 Acres 98.27 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports a fair (C-ranked) occurrence of a globally critically imperiled (G1/S1) *Populus deltoides* - (*Salix nigra*) / *Spartina pectinata* - *Carex* spp. plains cottonwood riparian woodland and a good to fair (BC-ranked) occurrence of a globally vulnerable (G3G4/S3) *Populus deltoides* - (*Salix amygdaloides*) / *Salix (exigua, interior)* plains cottonwood riparian woodland.

Other Values Rank No Data

Other Values Comments

No Data

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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>
24748	<i>Populus deltoides</i> - (<i>Salix nigra</i>) / <i>Spartina pectinata</i> - <i>Carex</i> spp. Woodland	Plains Cottonwood Riparian Woodland	G1	S1	Yes
24670	<i>Populus deltoides</i> - (<i>Salix amygdaloides</i>) / <i>Salix (exigua, interior)</i> Woodland	Plains Cottonwood Riparian Woodland	G3G4	S3	No

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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