

Level 4 Potential Conservation Area (PCA) Report

Name Eastern Colorado Agricultural Research Center Site

Site Code S.USCOHP*550

IDENTIFIERS

Site ID 450

Site Class PCA

Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID

NCA Site Code

NCA Site Name

-

No Data

LOCATORS

Nation United States

Latitude 402318N

State Colorado

Longitude 1031146W

Quad Code Quad Name

40103-D2 Buffalo Springs Ranch NW

40103-C2 Buffalo Springs Ranch

County

Washington (CO)

Watershed Code

Watershed Name

10190012

Middle South Platte-Sterling

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of alluvial bottomlands and adjacent sandhill habitats.

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 09/12/1994

Designer Pague, C.A.

Boundary Justification

Includes rare elements and approximately 2,000 acres of adjacent contiguous habitats for these elements which provides a buffer to direct disturbances and is likely to allow important natural processes to continue.

Primary Area 1,999.20 Acres 809.05 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

There is an unranked occurrence of a state rare (G4G5/S2) *Andropogon hallii* - *Calamovilfa longifolia* northern sandhill prairie. In addition, the state imperiled (G5/S1) Platte River milkvetch (*Astragalus plattensis*) has been historically documented at this site.

Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

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Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

Current field surveys are need to assess the condition of the northern sandhill prairie and to locate the Platte River milkvetch, whose presence has not been confirmed since the 1960s.

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>
24742	<i>Andropogon hallii</i> - <i>Calamovilfa longifolia</i> Herbaceous Vegetation	Northern Sandhill Prairie	G4G5	S2	Yes
18479	<i>Astragalus plattensis</i>	Platte River milkvetch	G5	S1	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	09/12/1994
Version Author	Pague, C.A.

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