

Level 4 Potential Conservation Area (PCA) Report

Name Jacks Creek Cemetary

Site Code S.USCOHP*10851

IDENTIFIERS

Site ID 442 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 381131N
State Colorado Longitude 1062107W

Quad Code Quad Name
38106-B3 Lake Mountain NE

County
Saguache (CO)

Watershed Code Watershed Name
13010004 Saguache

SITE DESCRIPTION

Minimum Elevation	8,400.00 Feet	2,560.00 Meters
Maximum Elevation	8,600.00 Feet	2,621.00 Meters

Site Description

The Jack's Cemetery site is centered around the old Cordova Homestead on Jacks Creek. The riparian community is a narrow strip right along the creek and consists of a very dense occurrence of narrowleaf cottonwood (*Populus angustifolia*) with a dense shrub cover comprised of alder (*Alnus incana*), currant (*Ribes montigenum*) and willows (*Salix monticola* and *S. geyeriana*). Although the woody community covers most of the corridor, open meadows of Baltic rush (*Juncus balticus*) and beaked sedge (*Carex utriculata*) occur on both sides of the creek. The surrounding hillslopes are covered in a dry shortgrass prairie and pinyon pine-juniper (*Pinus edulis*-*Juniperus monosperma*) woodlands. The site is approximately 280 acres in size and ranges in elevation from 8400 to 8600 feet (2560-2620 meters). The land is grazed with an appropriate regime for this riparian community, as little soil compaction, stream bank erosion, or species compositional shifts were observed. Details of this management regime should be obtained for future application to similar riparian areas.

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 02/15/1998

Designer Kittel, G.M.

Boundary Justification

This boundary is drawn to include the riparian complex that supports the elements of biodiversity found at the site. It is designed to protect the riparian occurrences from direct impacts such as trampling or other surface disturbances; and to include the immediate slopes which contribute surface and groundwater flow to the wetlands. The boundary was delineated, using 1988 NAPP 1:40,000 aerial photographs and satellite imagery at a scale of approximately 1:100,000.

Primary Area 277.90 Acres 112.46 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The Jacks Creek Cemetery site contains a narrowleaf cottonwood forest and a montane wet meadow in

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good to excellent condition. The narrowleaf cottonwood with alder plant association is known from the West Slope of Colorado in the Yampa and Gunnison River Basins, and the San Juan National Forest (Kittel et al. 1993, Kittel et al. 1994, Richard et al. 1996). It also occurs along the Front Range in the Arkansas and South Platte river basins (Kittel et al. 1996, Kittel et al. 1997). Although this community is considered a common riparian forest type for the lower montane zone of the Rocky Mountain region, excellent examples of this association which are structurally diverse, self perpetuating, and contain a native understory, are uncommon. This site is one of the best examples of a montane riverine wetland observed on private lands in Saguache County.

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 Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
18795	<i>Carex utriculata</i> Herbaceous Vegetation	Beaked Sedge Montane Wet Meadows	G5	S4	No
24541	<i>Populus angustifolia</i> / <i>Alnus incana</i> Woodland	Montane Riparian Forest	G3	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 02/15/1998

Version Author Kittel, G.M.

Disclaimer

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