

Level 4 Potential Conservation Area (PCA) Report

Name North Poudre River at Trails End

Site Code S.USCOHP*25360

IDENTIFIERS

Site ID 2193 Site Class PCA

Site Alias North Fork Cache la Poudre River at Trails End

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 405402N

State Colorado Longitude 1052700W

Quad Code Quad Name
40105-H4 Cherokee Park

County
Larimer (CO)

Watershed Code Watershed Name
10190007 Cache La Poudre

SITE DESCRIPTION

Minimum Elevation 6,800.00 Feet 2,072.64 Meters

Maximum Elevation 7,200.00 Feet 2,194.56 Meters

Site Description

Granitic rocks form a steep, sinuous canyon through which the North Fork of the Cache la Poudre River flows. The riparian corridor is approximately 40 meters wide. The slopes above the canyon support ponderosa pine (*Pinus ponderosa*) woodland ecological system; dominant tree species include ponderosa pine, Douglas-fir (*Pseudotsuga menziesii*), and limber pine (*Pinus flexilis*). Outcrops of Silver Plume granite occur and are occupied by the globally rare plant species Larimer aletes (*Aletes humilis*) and Rocky Mountain cinquefoil (*Potentilla effusa* var. *rupicola*).

Key Environmental Factors

Regular flood scouring maintains the early successional status of this site.

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 01/25/2005

Designer Neid, S.L.

Boundary Justification

The boundary includes the riparian area and an approximately 300 meter buffer to protect from direct disturbance. Modifications to the upstream hydrology should be avoided as this may affect the hydrologic regime upon which the targeted plant community depends.

Primary Area 368.06 Acres 148.95 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site was drawn for a good (B-ranked) occurrence of a globally vulnerable (G3/S3) riparian shrubland, alder/mesic graminoid (*Alnus incana*/mesic graminoid) shrubland.

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

Smooth brome (*Bromus inermis*) has become established along the flats above the stream and may need to be controlled to prevent degradation of the riparian shrubland. Further increase of non-native species may decrease the biodiversity significance of the site by altering the native floral and faunal species composition.

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>
24976	<i>Alnus incana</i> / Mesic Graminoids Shrubland	Montane Riparian Shrubland	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192692	Doyle, G.A., S.L. Neid and R.J. Rondeau. 2005. Final Report: Survey of Critical Biological Resources, Larimer County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.
166568	Kettler, S., J. Sanderson, S. Spackman, K. Fayette, C. Pague, D. Clark, and A. Hicks. 1996. Final Report: Significant plant, animal, and wetland resources of Larimer County and their conservation. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/25/2005
Version Author	Neid, S.L.

Disclaimer

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