

Level 4 Potential Conservation Area (PCA) Report

Name Woody Creek Headwaters

Site Code S.USCOHP*16579

IDENTIFIERS

Site ID 277 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 391405N
State Colorado Longitude 1064200W

Quad Code Quad Name
39106-B6 Thimble Rock

County
Pitkin (CO)

Watershed Code Watershed Name
14010004 Roaring Fork

SITE DESCRIPTION

Minimum Elevation	8,800.00 Feet	2,682.24 Meters
Maximum Elevation	11,600.00 Feet	3,535.68 Meters

Site Description

This site includes a roughly six mile stretch of Woody Creek, between 8,800 and 11,600 feet. The riparian vegetation includes a mosaic of spruce - fir with alder (*Picea engelmannii* - *Abies lasiocarpa* / *Alnus incana*), spruce - fir with bluebells (*Picea engelmannii* - *Abies lasiocarpa* / *Mertensia ciliata*), willow carrs, and open meadows. A trail follows the river. The adjacent upland areas support spruce - fir (*Picea engelmannii* - *Abies lasiocarpa*) forests with patches of aspen (*Populus tremuloides*) and areas with lodgepole pine (*Pinus contorta*). This area was observed to support elk. A total of 4,512 acres are included.

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 04/26/1999
Designer Spackman, S.C.

Boundary Justification

The boundary is drawn to include the five community occurrences and adjacent potential habitat up and down stream to allow the communities to move into suitable habitat over time. This area is intended to act as a buffer for the occurrences and protect them from direct disturbances. Hydrological processes originating outside the planning boundary, including water quality, quantity, and timing should be managed to maintain site viability.

Primary Area 4,514.73 Acres 1,827.06 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains five excellent (A-ranked) occurrences of riparian plant communities, most notably the willow carrs dominated by plain leaf willow and marsh marigold (*Salix planifolia* / *Caltha leptosepala*) (G4/S4). Other communities include *Abies lasiocarpa* / *Mertensia ciliata* (G5/S5), *Abies lasiocarpa* / *Alnus incana* (G5/S5) and *Salix planifolia* / *Carex aquatilis* (G5/S4). This high concentration of excellent quality

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communities supports the overall importance of this site.

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

Fairly low cover of Kentucky bluegrass (*Poa pratensis*), timothy (*Phleum pratense*), red clover (*Trifolium pratense*), and dandelion (*Taraxacum officinale*) occur along the trail.

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>
24480	<i>Abies lasiocarpa</i> / <i>Mertensia ciliata</i> Forest	Montane Riparian Forests	G5	S5	Yes
24480	<i>Abies lasiocarpa</i> / <i>Mertensia ciliata</i> Forest	Montane Riparian Forests	G5	S5	Yes
24684	<i>Abies lasiocarpa</i> / <i>Alnus incana</i> Forest	Montane Riparian Forests	G5	S5	Yes
24836	<i>Salix planifolia</i> / <i>Caltha leptosepala</i> Shrubland	Subalpine Riparian Willow Carr	G4	S4	Yes
24850	<i>Salix planifolia</i> / <i>Carex aquatilis</i> Shrubland	Subalpine Riparian Willow Carr	G5	S4	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	04/26/1999
Version Author	Spackman, S.C.

Disclaimer

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