

# Level 4 Potential Conservation Area (PCA) Report

Name North Garber Creek

Site Code S.USCOHP\*6112

## IDENTIFIERS

Site ID 1249 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 392056N  
State Colorado Longitude 1050412W

Quad Code Quad Name

39105-C1 Devils Head

County

Douglas (CO)

Watershed Code Watershed Name

10190002 Upper South Platte

## SITE DESCRIPTION

Minimum Elevation	7,105.00 Feet	2,165.60 Meters
Maximum Elevation	8,080.00 Feet	2,462.78 Meters

### Site Description

This site is a very narrow canyon with a dense canopy cover including *Pseudotsuga menziesii* and diverse shrubs. The understory is sparse mesic forbs. This is a very nice, undisturbed, natural community that probably does not get much use at all. This area is mostly used by motorbikers and the riparian area is not really impacted by them. There is a bridge crossing the stream which minimizes any impacts from bikes. The upslope to the south is dense *Pseudotsuga menziesii* with a mesic understory. To the immediate north is *Pseudotsuga menziesii* and some granite boulders. Beyond that, to the north, is a *Pinus ponderosa* upslope with an arid understory and more granite outcroppings.

### Key Environmental Factors

The steep gradient and un-altered hydrology of this first-order stream allows natural flow and flooding disturbance. The narrow character of the canyon probably excludes heavy livestock use.

### Climate Description

No Data

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map P - Partial Mapped Date 11/08/1996

Designer Kittel, G.M. and E. VanWie

### Boundary Justification

This boundary encompasses the immediate watershed and the habitats of the foothill interface with the plains environment. It includes all the known occurrences as well as a buffer that includes the locally continuous habitat of the riparian corridor. Activities within this boundary have potential to directly impact this imperiled plant association by directly altering the hydrologic regime, fragmenting the occurrence, or disrupting natural geomorphic processes. Any motorbike use within the boundary should be restricted to the trails.

Primary Area 722.05 Acres 292.20 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

This site is a good example of a relatively small, unfragmented A-ranked occurrence of this imperiled (G3/S3) *Alnus incana* / *Equisetum arvense* community along a narrow, steep and diverse foothill canyon.

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Other Values Rank No Data

## Other Values Comments

No Data

### LAND MANAGEMENT ISSUES

#### Land Use Comments

This area is primarily used by motorbikers, but also some hikers.

#### Natural Hazard Comments

No Data

#### Exotics Comments

No exotics found.

#### Offsite

Much of this part of the Rampart Range area is managed for motorbike use.

#### Information Needs

History of landuse within immediate watershed.

### 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>
24502	<i>Alnus incana</i> / <i>Equisetum arvense</i> Shrubland	Montane Riparian Shrublands	G3	S3	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
170776	McMullen, Amy and Erika VanWie. 1996. Field survey of riparian vegetation of the Upper South Platte Watershed.

### ADDITIONAL TOPICS

#### Additional Topics

No Data

### VERSION

<b>Version Date</b>	11/08/1996
<b>Version Author</b>	Kittel, G.M. and E. VanWie

### Disclaimer

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