

Level 4 Potential Conservation Area (PCA) Report

Name Pass Creek at Ute Peak

Site Code S.USCOHP*402

IDENTIFIERS

Site ID 59 Site Class PCA
Site Alias Pass Creek

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 394841N
State Colorado Longitude 1060755W

<u>Quad Code</u>	<u>Quad Name</u>
39106-G2	Squaw Creek
39106-G1	Ute Peak

County

Summit (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14010002	Blue
14010001	Colorado headwaters

SITE DESCRIPTION

Minimum Elevation	8,146.00	Feet	2,483.00	Meters
Maximum Elevation	9,568.00	Feet	2,916.00	Meters

Site Description

The Pass Creek site is located at the southern base of Flat Top and Eagle Roost mountains. Pasture Creek, Hole Creek, and Pass Creek drain the site. Ute Pass borders the site to the east and Highway 9 forms the west border. The site consists of visible outcrops of Pierre Shale, common within the Williams Fork Mountains. The headwaters of Pass Creek are contained within the site. Pass Creek flows through a riparian area that is moderately to heavily grazed. There are several intact and active beaver ponds within the willow carr (*Salix monticola*-*Salix geyeriana*/mesic forb). The site is approximately 1,300 acres and ranges in elevation from 2870 m (9,568 ft.) to 2444 m (8,146 ft.). There is a human-made pond located between a two-track road and Pass Creek. Ditches flow adjacent on both sides of Pass Creek. There is a pipeline and powerline that bisect the site.

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 12/09/1996
Designer Culver, D.R.

Boundary Justification

The boundary drawn encompasses the elements found within the site. The boundary includes the Pass Creek watershed west of Ute Pass and extends south to the Ute Pass Road and west to Highway 9. A much larger area should be considered in any long-term management plan to protect the hydrology.

Primary Area	1,027.40	Acres	415.78	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The Pass Creek site includes good examples of the globally rare riparian forest (*Populus angustifolia*-*Picea*

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pungens/*Alnus incana*) and state rare lower montane forest (*Pseudotsuga menziesii*/*Acer glabrum*) communities. There is an imprecise location of the globally rare Williams bishop cap (*Conimitella williamsii*) that was not relocated during the 1997 survey. There are only two known occurrences in Colorado for the Williams bishop cap, both from the Ute Pass area (CNHP 1997). Additionally, there is a historical record (1876) of Wolverine (*Gulo gulo*) from the Ute Pass area. The site was searched for Southern Rocky Mountain boreal toad (*Bufo boreas boreas*) in 1997; none were found.

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</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>
24823	<i>Populus angustifolia</i> - <i>Picea pungens</i> / <i>Alnus incana</i> Woodland	Montane Riparian Forests	G3	S3	Yes
19854	<i>Gulo gulo</i>	Wolverine	G4	S1	No
24528	<i>Pseudotsuga menziesii</i> / <i>Acer glabrum</i> Forest	Lower Montane Forests	G4?	S1	No
24528	<i>Pseudotsuga menziesii</i> / <i>Acer glabrum</i> Forest	Lower Montane Forests	G4?	S1	No
23769	<i>Conimitella williamsii</i>	Williams bishop's cap	G3?	S1	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
165258	Culver, D.R. 1997. Colorado Natural Heritage Program Wetland Assessments for the 1997 Summit County Wetlands Inventory.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 12/09/1996

Version Author Culver, D.R.

Disclaimer

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