

Level 4 Potential Conservation Area (PCA) Report

Name Clinton Creek

Site Code S.USCOHP*4019

IDENTIFIERS

Site ID 201 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 392409N
State Colorado Longitude 1060838W

Quad Code Quad Name
39106-D2 Copper Mountain

County

<u>Watershed Code</u>	<u>Watershed Name</u>
10190001	South Platte Headwaters
14010002	Blue

SITE DESCRIPTION

Minimum Elevation	11,200.00 Feet	3,414.00 Meters
Maximum Elevation	12,400.00 Feet	3,780.00 Meters

Site Description

The Clinton Creek site contains two glacially carved valleys. Clinton and Mayflower creeks flow through the site. The Tenmile Range including Bartlett, Little Bartlett, and Fletcher Mountains border the site to the southeast. It consists of two subalpine riparian willow carrs (*Salix brachycarpa*/mesic forb and *Salix planifolia*/*Caltha leptosepala*) and an alpine mesic meadow (*Deschampsia cespitosa*-*Ligusticum tenuifolium*). There are a series of inactive beaver ponds along Clinton Creek before it enters Clinton Reservoir. Clinton and Mayflower creeks and their riparian communities are fed by numerous springs from both east and west slopes. Two rare plant species are known to occur in the large cirques above Mayflower Creek. The site is approximately 2,500 acres ranging in elevation from 3,360 m (11,200 ft.) to 3,720 m (12,400 ft.). There are several abandoned mines above the wetland and there is an abandoned fish weir where Clinton Creek enters the reservoir. The Clinton Reservoir was created in the 1960s with the construction of Highway 91. There are fishing access trails on both sides of the reservoir, but few venture into the thick willow carr.

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 12/09/1997
Designer Culver, D.R.

Boundary Justification

Boundaries drawn encompass the elements and the contiguous water way. A buffer of 1,000 feet is included to protect hydrology and water quality from direct impacts.

Primary Area 3,001.62 Acres 1,214.72 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains an excellent (A-ranked) occurrence of a plant community which is apparently secure on a

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global scale (G4/S4).

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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

Hydrological processes originating outside of the planning boundary, including water quality, quantity, and timing, must be managed to maintain the population viability.

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>
24527	<i>Deschampsia caespitosa</i> - <i>Ligusticum tenuifolium</i> Herbaceous Vegetation	Mesic Alpine Meadows	GU	SU	Yes
24836	<i>Salix planifolia</i> / <i>Caltha leptosepala</i> Shrubland	Subalpine Riparian Willow Carr	G4	S4	Yes

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 12/09/1997
Version Author Culver, D.R.

Disclaimer

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