

# Level 4 Potential Conservation Area (PCA) Report

Name Soda Springs

Site Code S.USCOHP\*10272

## IDENTIFIERS

Site ID 942 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 393605N  
State Colorado Longitude 1055248W

### Quad Code Quad Name

39105-E8 Keystone  
39105-E7 Montezuma

### County

Summit (CO)

### Watershed Code Watershed Name

14010002 Blue

## SITE DESCRIPTION

Minimum Elevation	9,760.00 Feet	2,975.00 Meters
Maximum Elevation	9,760.00 Feet	2,975.00 Meters

### Site Description

The Soda Springs site is located at the base of Porcupine Peak. Thurman Gulch bisects the site and the Snake River forms the southern border. It supports an extensive willow carr (approximately 300 acres) at an elevation of 2928 m (9760 ft.). The wetland supports a series of beaver ponds that are fed by several springs that flow from the base of Porcupine Mountain. The water flow from the springs supports a small fen and a subalpine scrub (*Salix brachycarpa*/mesic forb) community. There is a powerline that bisects the site and a housing development (5-6 homes) to the west. The Montezuma Road borders the site to the south.

### 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

The boundary drawn encompasses the beaver ponds and extends south to the Snake River. The north boundary is drawn 0.5 mi. above the ponds to provide a buffer for the wetland to protect from disturbances e.g., mining and residential development. A much larger area should be considered in any long-term management or protection plan to protect the hydrology of the site.

Primary Area 208.92 Acres 84.55 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

The Soda Springs site supports a good example of a state rare montane riparian willow carr (*Salix drummondiana*/*Carex utriculata*). The site contains excellent southern Rocky Mountain boreal toad (*Bufo boreas boreas*) habitat and was searched in 1997 with negative results.

Other Values Rank No Data

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## 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>
24942	<i>Salix drummondiana</i> / <i>Carex utriculata</i> Shrubland	Montane Willow Carr	G4	S3	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

<b>Version Date</b>	12/09/1997
<b>Version Author</b>	Culver, D.R.

### Disclaimer

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