

# Level 4 Potential Conservation Area (PCA) Report

Name Peru Creek

Site Code S.USCOHP\*10270

## IDENTIFIERS

Site ID 543 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 393618N  
State Colorado Longitude 1055111W

Quad Code Quad Name

39105-E7 Montezuma

County

Summit (CO)

Watershed Code Watershed Name

14010002 Blue

## SITE DESCRIPTION

Minimum Elevation	10,252.00 Feet	3,125.00 Meters
Maximum Elevation	10,280.00 Feet	3,133.00 Meters

### Site Description

The Peru Creek site is located on the south side of Lenawee Mountain. The site is fed by numerous springs that flow from the base of Lenawee Mountain. Peru Creek borders the wetland to the south. It supports a small montane riparian willow carr (*Salix planifolia* / *Carex aquatilis*) that supports a series of small beaver ponds located on the southside of the Peru Creek Road. The abandoned Maid of Orleans mine and a private residence are located within the site. The site is approximately 300 acres ranging in elevation from 10,252 ft. to 10,280 ft.

### 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 12/03/1997

Designer Culver, D.R.

### Boundary Justification

The boundary is drawn to encompass the elements, beaver ponds and upslope area along Lenawee Mountain to protect the occurrence and the hydrology which is the keystone to the viability of the boreal toad. Upslope of the ponds is included to provide an area of post-dispersal for the boreal toad.

Primary Area 293.19 Acres 118.65 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

The Peru Creek site supports the best example of a breeding population of the globally critically imperiled (G4T1/S1) southern Rocky Mountain boreal toad (*Bufo boreas boreas*) observed on private lands in Summit County (Horstman 1996). Toads were first discovered on June 20, 1996 by Greg Horstman. Eight juveniles were observed on that date. On July 24, 1996, 150-200 tadpoles were observed in one of the beaver ponds. During 1996 the Peru Creek site was highly successful with definite recruitment in high numbers (Horstman 1996). The 1997 survey documented approximately 150-200 tadpoles in the same beaver pond. There were two juveniles observed on the survey date.

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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

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>
20351	<i>Bufo boreas</i> pop. 1	Boreal Toad (Southern Rocky Mountain Population)	G4T1Q	S1	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.
176257	Horstman. 1996. Personal communication to the Colorado Natural Heritage Program.

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 12/03/1997

Version Author Culver, D.R.

### Disclaimer

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