

Level 4 Potential Conservation Area (PCA) Report

Name North Tenmile Creek

Site Code S.USCOHP3*2467

IDENTIFIERS

Site ID 1341 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 393505N
State Colorado Longitude 1061156W

Quad Code Quad Name

39106-E2 Vail Pass
39106-E1 Frisco

County

Summit (CO)

Watershed Code Watershed Name

14010002 Blue

SITE DESCRIPTION

Minimum Elevation	9,200.00 Feet	2,804.16 Meters
Maximum Elevation	12,000.00 Feet	3,657.60 Meters

Site Description

North Tenmile Creek is one of the primary drainages that flows from the east slope of the Gore Range. The riparian areas are dominated by willows (*Salix* spp.), open wet meadows, and scattered beaver ponds. The north-facing slopes of the drainage support mature forests dominated by Engelmann spruce (*Picea engelmannii*) and subalpine fir (*Abies lasiocarpa*). The site ranges in elevation from about 9,200 feet to about 12,000 feet above sea level, and is about 3,600 acres in size.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 04/05/1996
Designer Ellingson, A.R.

Boundary Justification

The boundary includes the contiguous aquatic and riparian areas which support habitat for the boreal toad (*Bufo boreas boreas*), as well as some adjacent north-facing spruce - fir (*Picea engelmannii* - *Abies lasiocarpa*) forests which provide habitat for the northern twayblade (*Listera borealis*). A narrow buffer is provided to prevent direct disturbance to these habitats and to include additional suitable habitat where the species of concern may become established over time. The boundary was drawn following a 1997 site visit by CNHP scientists. A 1988 NAPP 1:40,000 aerial photograph was referenced to more precisely delineate the boundary.

Primary Area	3,035.64 Acres	1,228.48 Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains the only occurrence in Summit County of a state rare orchid, Northern twayblade (*Listera borealis*), and two occurrences of a globally rare Boreal toad subspecies (*Bufo boreas boreas*). The site also

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includes additional suitable habitat for both species in good to excellent condition.

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 site 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>
18558	<i>Listera borealis</i>	northern twayblade	G4	S2	Yes
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>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	04/05/1996
Version Author	Ellingson, A.R.

Disclaimer

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