

# Level 4 Potential Conservation Area (PCA) Report

Name Snowmass Creek at Snowmass Peak

Site Code S.USCOHP\*2401

## IDENTIFIERS

Site ID 454 Site Class PCA  
Site Alias Snowmass 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 390636N  
State Colorado Longitude 1070050W

Quad Code Quad Name  
39107-A1 Snowmass Mountain

County  
Pitkin (CO)

Watershed Code Watershed Name  
14010004 Roaring Fork

## SITE DESCRIPTION

Minimum Elevation	-	Feet	-	Meters
Maximum Elevation	-	Feet	-	Meters

### Site Description

Snowmass Creek flows south from its headwaters in the Maroon Bells, and meets the Roaring Fork River at Old Snowmass. The riparian areas include a combination of high quality willow carrs and spruce-fir (*Picea engelmannii*-*Abies lasiocarpa*) forests with alder (*Alnus incana*). Adjacent communities are dominated by spruce-fir forests. A pack trail crosses the creek in the PCA. The only non-native species that were noted are downstream of the PCA. A total of 481 acres are included in the PCA boundaries, and the elevation range is about 10,200 to 11,000 feet.

### 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 04/09/1996  
Designer Ellingson, A.R.

### Boundary Justification

This PCA includes some of each of the mosaic of community types in which the element occurrence is found. The surrounding high quality habitat is included to act as a buffer to direct disturbances, such as trampling, and indirect disturbances, such as unnatural erosion.

Primary Area 481.91 Acres 195.02 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

An excellent example of a globally common riparian community was documented in this PCA. This community type has been documented in good to excellent condition in 39 locations in Colorado.

Other Values Rank No Data

### Other Values Comments

No Data

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## 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 maintained to ensure population viability.

### Information Needs

No Data

## ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
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>
-	No Data

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	04/09/1996
<b>Version Author</b>	Ellingson, A.R.

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