

Level 4 Potential Conservation Area (PCA) Report

Name Castle Peak

Site Code S.USCOHP*17396

IDENTIFIERS

Site ID 1718 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 394638N
State Colorado Longitude 1064832W

Quad Code Quad Name

39106-G8	Burns South
39106-F7	Eagle
39106-G6	State Bridge
39106-G7	Castle Peak

County

Eagle (CO)

Watershed Code Watershed Name

14010001	Colorado headwaters
14010003	Eagle

SITE DESCRIPTION

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

Site Description

Castle Peak is defined by subalpine and montane habitats on a volcanic uplift in the middle of otherwise sagebrush rangelands. The subalpine and montane forests are marked by stands of second growth Engelmann's spruce and subalpine fir and grade into climax forests of mature aspen. Wetland pockets are scattered throughout this area. The potential conservation area delimits approximately 17,124 acres and ranges in elevation from 8,200-11,100 feet.

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 02/28/2000
Designer Wunder, M.B. and J.L. Siemers

Boundary Justification

The boundaries encompass the extent of the watershed immediate to the occurrence of Colorado River cutthroat trout and the mesic area that supports the globally rare riparian communities.

Primary Area 17,131.11 Acres 6,932.74 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site encompasses a good (B-ranked) occurrence of a globally vulnerable (G3/S3) *Alnus incana* / mesic forb riparian shrubland, a fair (C-ranked) occurrence of the globally rare (G4T3/S3) Colorado River cutthroat trout (*Oncorhynchus clarkii pleuriticus*) and a good (B-ranked) occurrence of a state rare *Populus angustifolia* / *Cornus sericea* cottonwood riparian forest.

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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>
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	No
24645	<i>Alnus incana</i> / Mesic Forbs Shrubland	Thinleaf Alder/Mesic Forb Riparian Shrubland	G3	S3	Yes
24860	<i>Populus angustifolia</i> / <i>Cornus sericea</i> Woodland	Cottonwood Riparian Forest	G4	S3	No

REFERENCES

Reference ID

Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

Original site design by Siemers, J. L. 1999-04-06.

VERSION

Version Date 02/28/2000

Version Author Wunder, M.B. and J.L. Siemers

Disclaimer

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