

Level 4 Potential Conservation Area (PCA) Report

Name Big Kline Creek

Site Code S.USCOHP*16224

IDENTIFIERS

Site ID 1009 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 390857N
State Colorado Longitude 1071420W

Quad Code Quad Name

39107-B2 Redstone

County

Pitkin (CO)

Watershed Code Watershed Name

14010004 Roaring Fork

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Big Kline Creek flows northwest to the Crystal River. Riparian vegetation along this creek supports a globally-vulnerable riparian plant community dominated by blue spruce (*Picea pungens*) and alder (*Alnus incana*). Other associates include narrowleaf cottonwood (*Populus angustifolia*) and mountain lover (*Paxistima myrinites*). A total of 508 acres are included in the PCA boundaries. The elevation ranges from 7400 to 9500 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 05/03/1999

Designer Spackman, S.C.

Boundary Justification

The high quality habitat surrounding the occurrence is included in the PCA to protect the occurrence from direct disturbances, such as trampling, and indirect disturbances, such as unnatural erosion. Hydrological processes originating outside of the planning boundary still need to be considered.

Primary Area 508.36 Acres 205.73 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This PCA contains a good example of a globally-vulnerable riparian community. This community type is known from 34 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

No Data

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>			
24518	<i>Picea pungens</i> / <i>Alnus incana</i> Woodland	Montane Riparian Forests	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	05/03/1999
Version Author	Spackman, S.C.

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