

Level 4 Potential Conservation Area (PCA) Report

Name Head of Spanish Creek

Site Code S.USCOHP*1559

IDENTIFIERS

Site ID 1397 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>
1956	S.USCOHP*5778	Sangre de Cristo

LOCATORS

Nation United States Latitude 375813N
State Colorado Longitude 1053708W

Quad Code Quad Name
37105-H5 Crestone Peak

County
Saguache (CO)

Watershed Code Watershed Name
13010003 San Luis

SITE DESCRIPTION

Minimum Elevation	11,400.00 Feet	3,475.00 Meters
Maximum Elevation	12,200.00 Feet	3,719.00 Meters

Site Description

This site encompasses the ridge and south-facing open slopes above Spanish Creek and below Kit Carson Peak (Challenger Point). The elevation is approximately 11,400 to 12,200 feet. It encompasses approximately 100 acres. The site is dominated by unstable talus slopes near timberline with common juniper (*Juniperus communis*), bristle cone pine (*Pinus aristata*), fleabane (*Erigeron pinnatisectus*) and shrubby cinquefoil (*Pentaptyloides floribunda*). This site is within the Baca Grant.

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 02/16/1998
Designer Rondeau, R.J.

Boundary Justification

This site includes the occurrence and the adjacent slopes with suitable habitat. This site was not visited by CNHP in 1997. The boundary was drawn using the 7.5 minute topographic map and a 1988 NAPP 1:40,000 color infrared photograph along with satellite imagery.

Primary Area 109.50 Acres 44.31 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site includes an extant occurrence of a globally rare mustard species within a pristine and hard-to-access setting. This species is restricted to south-central Colorado and only known from eight occurrences over five counties: Custer, Las Animas, Mineral, Saguache, and Lake. Five of the eight occurrences have not been reportedly observed since 1978 (CNHP 1997).

Other Values Rank No Data

Other Values Comments

No Data

Level 4 Potential Conservation Area (PCA) Report

Name Head of Spanish Creek

Site Code S.USCOHP*1559

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>			
21624	<i>Draba smithii</i>	Smith whitlow-grass	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	02/16/1998
Version Author	Rondeau, R.J.

Disclaimer

These data are a product and property of Colorado State University, Colorado Natural Heritage Program (CNHP). These data are strictly "on loan" and should be considered "works in progress". Data maintained in the Colorado Natural Heritage Program database are an integral part of ongoing research at CSU and reflect the observations of many scientists, institutions and our current state of knowledge. These data are acquired from various sources, with varying levels of accuracy, and are continually being updated and revised. Many areas have never been surveyed and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. These data should not be regarded as a substitute for on-site surveys required for environmental assessments. Absence of evidence is NOT evidence of absence. Absence of any data does not mean that other resources of special concern do not occur, but rather CNHP files do not currently contain information to document this presence. CNHP is not responsible for whether other, non-CNHP data providers have secured landowner permission for data collected.

These data are provided for non-commercial purposes only. Under no circumstances are data to be distributed in any fashion to outside parties. To ensure accurate application of data, tabular and narrative components must be evaluated in conjunction with spatial components. Failure to do so constitutes a misuse of the data. The Colorado Natural Heritage Program shall have no liability or responsibility to the data users, or any other person or entity with respect to liability, loss, or damage caused or alleged to be caused directly or indirectly by the data, including but not limited to any interruption of service, loss of business, anticipatory profits or indirect, special, or consequential damages resulting from the use of operation of the data. Data users hereby agree to hold CNHP, Colorado State University, and the State of Colorado harmless from any claim, demand, cause of action, loss, damage or expense from or related to data users use of or reliance on the data, regardless of the cause or nature thereof, and even in the event that such cause is attributable to the negligence or misconduct of CNHP.

These data are provided on an as-is basis, as-available basis without warranties of any kind, expressed or implied, INCLUDING (BUT NOT LIMITED TO) WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Although CNHP maintains high standards of data quality control, CNHP, Colorado State University, and the State of Colorado further expressly disclaim any warranty that the data are error-free or current as of the date supplied