

Level 4 Potential Conservation Area (PCA) Report

Name San Luis Hills at Emory Orr Spring

Site Code S.USCOHP*20335

IDENTIFIERS

Site ID 502 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 370930N
State Colorado Longitude 1054948W

Quad Code Quad Name
37105-B7 Manassa NE

County
Conejos (CO)

Watershed Code Watershed Name
13010005 Conejos

SITE DESCRIPTION

Minimum Elevation	7,940.00 Feet	2,420.00 Meters
Maximum Elevation	8,670.00 Feet	2,643.00 Meters

Site Description

The site encompasses a steep, rocky ridge just west of Emory Orr Spring and some adjacent habitat dominated by rabbitbrush (*Chrysothamnus Greenei*), winterfat (*Krascheninnikovia lanata*), and sagebrush (*Artemisia tridentata*). To the north rabbitbrush (*Chrysothamnus Greenei*) and winterfat (*Krascheninnikovia lanata*) with blue grama (*Bouteloua gracilis*) in the understory generally dominate the lower valley. To the south the Piñon Hills rise above the site to over 9,000 feet elevation.

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 02/15/2000
Designer Kettler, S.M.

Boundary Justification

The main threat to rock-loving neoparrya would be physical disturbance of the habitat. The boundary was delineated to include the known extent of the plant population and enough of the adjacent area to incorporate portions of other habitat types. This additional habitat was included based on the assumption that pollinators of the rock-loving neoparrya may also require other types of habitat. The pollinators are unknown, consequently we are not certain that the amount of adjacent habitat is sufficient to support those species. With more information, these boundaries may change.

Primary Area 95.27 Acres 38.56 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

The site contains a fair occurrence of a plant species vulnerable on a global scale.

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>			
22904	<i>Aletes lithophilus</i>	rock-loving neoparrya	G3	S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
165924	Kettler, S., J. Rocchio, R. Schorr, J. Burt. 2000. Biological Inventory of Rio Grande and Conejos Counties, Colorado. Unpublished report prepared for The Nature Conservancy. 234 pp.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 02/15/2000
Version Author Kettler, S.M.

Disclaimer

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