

Level 4 Potential Conservation Area (PCA) Report

Name Rock Creek Gaging Station

Site Code S.USCOHP*20303

IDENTIFIERS

Site ID 549 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 372935N
State Colorado Longitude 1061543W

Quad Code Quad Name
37106-D3 Greenie Mountain

County
Rio Grande (CO)

Watershed Code Watershed Name
13010002 Alamosa-Trinchera

SITE DESCRIPTION

Minimum Elevation	8,300.00 Feet	2,530.00 Meters
Maximum Elevation	8,600.00 Feet	2,621.00 Meters

Site Description

The site includes a steep, southwest facing cliff above Rock Creek. Scattered ponderosa pine (*Pinus ponderosa*) trees are present but the site is mostly dominated by blue grama (*Bouteloua gracilis*) grasslands with scattered shrubs along the cliffs. A gaging station occurs along the creek below and numerous recreational trails and unofficial campgrounds are present.

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 01/06/2000
Designer Kettler, S.M.

Boundary Justification

The main threat to the 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 uncertain if the amount of adjacent habitat is sufficient to support those species. With more information, these boundaries may change.

Primary Area 57.26 Acres 23.17 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a plant species which is 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 01/06/2000

Version Author Kettler, S.M.

Disclaimer

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