

Level 4 Potential Conservation Area (PCA) Report

Name Fairy Hills

Site Code S.USCOHP*20337

IDENTIFIERS

Site ID 715 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 371237N
State Colorado Longitude 1054514W

Quad Code Quad Name
37105-B7 Manassa NE

County
Conejos (CO)

Watershed Code Watershed Name
13010002 Alamosa-Trinchera

SITE DESCRIPTION

Minimum Elevation	7,700.00 Feet	2,347.00 Meters
Maximum Elevation	7,800.00 Feet	2,377.00 Meters

Site Description

The site occurs on a small rock outcrop west of the Rio Grande. Rabbitbrush (*Chrysothamnus Greenei*) and winterfat (*Krascheninnikovia lanata*) shrublands with blue grama (*Bouteloua gracilis*) in the understory dominate the area surrounding the rock outcrop. A county road occurs to the west of the site and several two-track roads run from there into the site.

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 01/12/2000
Designer Kettler, S.M.

Boundary Justification

The main threat to these two species would be physical disturbance of the habitat. The boundary was delineated to include the known extent of the plant populations 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 Weber's catseye and 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 21.24 Acres 8.60 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair (C-ranked) occurrence of two plant species which are vulnerable on a global scale (G3/S3): Weber's catseye (*Oreocarya weberi*) and rock-loving neoparrya (*Aletes lithophilus*).

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</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>
23977	<i>Oreocarya weberi</i>	Weber's catseye	G3	S3	Yes
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	01/12/2000
Version Author	Kettler, S.M.

Disclaimer

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