

# Level 4 Potential Conservation Area (PCA) Report

Name Greenie Mountain Foothills

Site Code S.USCOHP\*20308

## IDENTIFIERS

Site ID 2009 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 372612N  
State Colorado Longitude 1061131W

Quad Code Quad Name  
37106-D2 Fulcher Gulch

County  
Rio Grande (CO)  
Conejos (CO)

Watershed Code Watershed Name  
13010002 Alamosa-Trinchera

## SITE DESCRIPTION

Minimum Elevation	7,700.00 Feet	2,347.00 Meters
Maximum Elevation	8,500.00 Feet	2,591.00 Meters

### Site Description

The site encompasses the lower slopes of Greenie Mountain, below the lower tree line, east to near the Monte Vista Canal. At higher elevations scattered piñon pine (*Pinus edulis*) and juniper are scattered along rocky outcrops. Just below the tree line, winterfat (*Krascheninnikovia lanata*) shrublands dominate with good cover of Indian ricegrass (*Oryzopsis hymenoides*). Near to the valley floor the shrublands appear to be more degraded with more abundant rabbitbrush (*Chrysothamnus Greenei*) and snakeweed (*Gutierrezia sarothrae*). Here, Indian ricegrass is sparse and blue grama (*Bouteloua gracilis*) is much more common, probably from past grazing practices.

### 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 boundary was drawn to include the known extent of the high quality plant community on the upper slopes and down to the irrigated part of the Valley Floor to provide habitat for large populations of the thirteen-lined ground squirrel and silky pocket mouse subspecies.

Primary Area 7,817.03 Acres 3,163.45 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

### Biodiversity Significance Comments

The site contains an excellent (A-ranked) occurrence of an animal subspecies vulnerable on a global scale (G5T3/S3), silky pocket mouse subspecies (*Perognathus flavus sanluisi*), an excellent (A-ranked) occurrence of another animal subspecies vulnerable on a global scale (G5T3/S3), thirteen-lined ground squirrel subspecies (*Spermophilus tridecemlineatus blanca*), and a good (B-ranked) occurrence of a plant

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community apparently secure on a global scale (G4/S3), *Krascheninnikovia lanata* / *Achnatherum hymenoides*.

Other Values Rank No Data

## Other Values Comments

No Data

## 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>
24826	<i>Krascheninnikovia lanata</i> / <i>Achnatherum hymenoides</i> Dwarf-shrubland	Western Slope Grasslands	G4	S3?	No
17332	<i>Perognathus flavus sanluisi</i>	Silky Pocket Mouse Subsp	G5T3	S3	Yes
19797	<i>Spermophilus tridecemlineatus blanca</i>	Thirteen-lined Ground Squirrel Subsp	G5T3	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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