

# Level 4 Potential Conservation Area (PCA) Report

Name Pasture 10A North

Site Code S.USCOHP\*9564

## IDENTIFIERS

Site ID 1542 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>
2658	S.USCOHP*27934	Comanche

## LOCATORS

Nation United States Latitude 371349N  
State Colorado Longitude 1032906W

Quad Code Quad Name  
37103-B4 Dalerose Mesa

County  
Las Animas (CO)

Watershed Code Watershed Name  
11020010 Purgatoire

## SITE DESCRIPTION

Minimum Elevation	5,715.00 Feet	1,741.93 Meters
Maximum Elevation	5,830.00 Feet	1,776.98 Meters

### Site Description

The Pasture 10A North site is a southern shortgrass prairie dissected by a highway. The site is open and relatively flat with sparse yucca and sage. Dominant plants include purple threeawn (*Aristida purpurea*), buckwheat (*Eriogonum* spp.), and stemless daisy (*Tetraneuris acaulis*).

### 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 06/12/1997

Designer Pague, C.A. and C.C. Fleming

### Boundary Justification

The boundary encompasses the plant occurrence and provides a buffer which includes the limestone outcrop, potential habitat for the species. The NE corner has been ground verified for the rare plant.

Primary Area 252.24 Acres 102.08 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

The Pasture 10A site supports an excellent (A-ranked) occurrence of the globally imperiled (G2G3/S2S3) plant species, Colorado green gentian (*Frasera coloradensis*).

Other Values Rank No Data

### Other Values Comments

No Data

## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

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## Natural Hazard Comments

No Data

## Exotics Comments

No Data

## Offsite

No Data

## Information Needs

The population of the Colorado green gentian needs to be monitored and reproductive success documented. Occurrence was last observed in 1995 so current field work is needed.

### 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>
24419	<i>Frasera coloradensis</i>	Colorado green gentian	G2G3	S2S3	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
198519	Rondeau, R.J., J.R. Sovell, J.E. Stevens, D. Clark and L. Grunau. 2010. Final Report: Southeast Colorado Survey of Critical Biological Resources 2009. Addendum to the 2007 Survey. Colorado Natural Heritage Program, Fort Collins, CO.

### ADDITIONAL TOPICS

#### Additional Topics

No Data

### VERSION

<b>Version Date</b>	06/12/1997
<b>Version Author</b>	Pague, C.A. and C.C. Fleming

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