

# Level 4 Potential Conservation Area (PCA) Report

Name Model Site Code S.USCOHP\*038

## IDENTIFIERS

Site ID 363 Site Class PCA  
Site Alias Trinidad

### 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 371901N  
State Colorado Longitude 1043007W

### Quad Code Quad Name

37104-D5	The Hogback
37104-C2	Model
37104-D2	Tyrone
37104-D4	Vega Corral
37104-D3	Seven Lakes Reservoir
37104-C5	Ludlow
37104-C4	Hoehne
37104-C3	Earl
37104-B3	Mooney Hills
37104-B2	Patterson Crossing

### County

Las Animas (CO)

### Watershed Code Watershed Name

11020007	Apishapa
11020010	Purgatoire

## SITE DESCRIPTION

Minimum Elevation	5,610.00 Feet	1,709.93 Meters
Maximum Elevation	6,135.00 Feet	1,869.95 Meters

### Site Description

This is a large area dominated by shortgrass prairie, greasewood flats, and *Frankenia* habitats. There are many county roads which dissect the landscape and support a variety of exotic plant species. Shortgrass prairie characterizes the site, and some of the more common graminoids include buffalograss, needle and thread, Indian ricegrass and galleta grass. Bitterbrush, yucca, greasewood, prickly pear cactus, and scarlet globemallow dominate the forb layer. The soils are generally of clay loam. This site contains numerous locations of the Colorado endemic and rare rayless goldenweed (*Oenopsis foliosa* var. *monocephala*).

### 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 12/10/2007  
Designer Panjabi, S.S.

### Boundary Justification

This site encompasses approximately half of the precise locations known for rayless goldenweed (*Oenopsis foliosa* var. *monocephala*) in the world. The occurrences were mostly documented from the roads, however it is suspected that the plants continue into the natural vegetation. The site boundary encompasses what is

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currently believed to be the western extent of this species range.

Primary Area 113,505.30 Acres 45,934.15 Hectares

## SITE SIGNIFICANCE

**Biodiversity Significance Rank** B3: High Biodiversity Significance

### Biodiversity Significance Comments

This site contains two excellent (A-ranked) occurrences of the globally imperiled (G3G4T2/ S2) rayless goldenweed (*Oenopsis foliosa* var. *monocephala*). A degraded occurrence of the globally imperiled (G3/S3) Arkansas Valley evening primrose (*Oenothera harringtonii*) has been documented, but the site was not drawn for this species.

**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 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>			
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	Yes
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	Yes
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	No
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	No
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	No
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	No
40463	<i>Oenopsis foliosa</i> var. <i>monocephala</i>	rayless goldenweed	G3G4T2	S2	No

## REFERENCES

### Reference ID

### Full Citation

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

Original site design by Fayette, K.K. 1998-12-18.

## VERSION

**Version Date** 12/10/2007

**Version Author** Panjabi, S.S.

## Disclaimer

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