

# Level 4 Potential Conservation Area (PCA) Report

Name Bar NI Ranch

Site Code S.USCOFO\*50

## IDENTIFIERS

Site ID 390 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 371128N  
State Colorado Longitude 1050614W

### Quad Code Quad Name

37105-B1 Stonewall  
37105-B2 El Valle Creek

### County

Las Animas (CO)  
Costilla (CO)

### Watershed Code Watershed Name

13010002 Alamosa-Trinchera  
11020010 Purgatoire

## SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

### Site Description

Bar NI ranch is nearly 28,000 acres, covering elevation from 8,000 to over 13,000 feet. This site contains alpine tundra, alpine shrublands, subalpine plant communities, montane grasslands and mixed-conifer forests, riparian forests, piñon-juniper woodlands, and wetlands. The ranch contains a rich diversity of rare and common plants, plus outstanding elk range and other wildlife habitat. Detailed information available in two conservation easement documentation reports from the Colorado Field Office of The Nature Conservancy.

### 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 10/31/1997

Designer Carney, J.

### Boundary Justification

The site boundary contains all of the natural heritage elements of concern and an extensive matrix of associated species and plant communities. While the site is largely defined by the border of the Bar NI Ranch, it extends beyond the ranch to include a large area, representative of the upper reaches of the Purgatoire River, that is highly viable and defensible. The boundaries extend as far as the Stonewall, a natural geologic feature that likely acts as a defense against invasion of weedy species common in the overgrazed Stonewall valley immediately to the east.

Primary Area 26,806.35 Acres 10,848.19 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This PCA (Potential Conservation Area) contains three fair occurrences of globally vulnerable natural

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communities.

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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>
19228	<i>Danthonia parryi</i> Herbaceous Vegetation	Montane Grasslands	G3	S3	Yes
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20940	<i>Cypripedium calceolus</i> ssp. <i>parviflorum</i>	American yellow lady's-slipper	G5	S2	No
24620	<i>Pinus edulis</i> / <i>Quercus X pauciloba</i> Woodland	Foothills Pinyon-Juniper Woodlands	G5	S2	No
24884	<i>Populus angustifolia</i> / <i>Betula occidentalis</i> Woodland	Montane Riparian Forest	G3	S3	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
160503	Carney, J., and J. Hobert. 1997. Colorado Natural Heritage Program Field Survey for the Upper Purgatoire River Inventory.

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 10/31/1997  
Version Author Carney, J.

### Disclaimer

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