

# Level 4 Potential Conservation Area (PCA) Report

Name Boggs Creek

Site Code S.USCOHP\*157

## IDENTIFIERS

Site ID 386 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 381439N  
State Colorado Longitude 1044402W

<u>Quad Code</u>	<u>Quad Name</u>
38104-B6	Southwest Pueblo
38104-C6	Northwest Pueblo

County  
Pueblo (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
11020002	Upper Arkansas

## SITE DESCRIPTION

Minimum Elevation	-	Feet	-	Meters
Maximum Elevation	-	Feet	-	Meters

### Site Description

This site contains sedimentary bluffs and rolling hills in shortgrass prairie vegetation with scattered juniper and patches of sagebrush shrublands. Although not designed for this species, dwarf milkweed (*Asclepias uncialis* spp. *uncialis*), a globally vulnerable plant subspecies, is found in the shortgrass prairie, often in gravelly or rocky soils. Beautiful sandstone mesas support scattered pinon and juniper trees (*Pinus edulis* and *Juniperus monosperma*), especially along the steep slopes. The bases of slopes give way to shrub-dominated communities with four-winged saltbush (*Atriplex canescens*) or rabbitbrush (*Chrysothamnus* sp.). Toe slopes support yucca (*Yucca glauca*), needle and thread grass (*Hesperostipa comata*), blue grama (*Bouteloua gracilis*), cholla (*Cylindropuntia imbricata*), prickly pear cactus (*Opuntia* sp.), snakeweed (*Gutierrezia sarothrae*), wild buckwheat (*Eriogonum* sp.), and beardtongue (*Penstemon* sp.). Pinon - juniper woodlands also contain yucca, blue grama, little bluestem (*Schizachyrium scoparium*), and three-awn grass (*Aristida purpurea*). Mesa tops support a globally rare plant community dominated by Bigelow sage (*Artemisia bigelovii*) and Indian ricegrass (*Oryzopsis hymenoides*), as well as small patches of New Mexico feathergrass (*Stipa neomexicana*). Currently this area is used for recreation, and provides views to the Wet Mountains and Pikes Peak.

### 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 04/28/1997  
Designer Spackman, S.C.

### Boundary Justification

The boundary encompasses the element occurrence, plus unsurveyed, apparently suitable habitat in the vicinity of the occurrence. In general, this represent our best estimate of the primary area needed for the survival of the occurrence. This area is sufficiently large to protect intact (or at least allow simulation of) most of the natural ecological processes necessary for survival of the communities, including fire, herbivory, and hydrology.

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Primary Area 880.52 Acres

356.33 Hectares

## SITE SIGNIFICANCE

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

### Biodiversity Significance Comments

This site includes a good (B-ranked) occurrence of a globally vulnerable (G3/S3) plant community, *Artemisia bigelovii* / *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>
24800	<i>Artemisia bigelovii</i> / <i>Achnatherum hymenoides</i> Shrubland	Plains Escarpment Prairies (Limestone Breaks)	G3	S3	Yes

## REFERENCES

**Reference ID** **Full Citation**

- No Data

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

**Version Date** 09/15/2003

**Version Author** Spackman, S.C.

## Disclaimer

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