

# Level 4 Potential Conservation Area (PCA) Report

Name Turkey Creek Road

Site Code S.USCOHP\*23172

## IDENTIFIERS

Site ID 1779 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 371004N  
State Colorado Longitude 1072349W

Quad Code Quad Name  
37107-B4 Pargin Mountain

County  
Archuleta (CO)

Watershed Code Watershed Name  
14080102 Piedra

## SITE DESCRIPTION

Minimum Elevation	6,800.00 Feet	2,073.00 Meters
Maximum Elevation	7,000.00 Feet	2,134.00 Meters

### Site Description

This PCA includes a grassy sagebrush opening in ponderosa pine (*Pinus ponderosa*) and Gambel oak (*Quercus gambelii*) forest at the end of Forest Road 615A. About 200 individuals of Pagosa phlox (*Phlox caryophylla*), a state rare (S2) plant, were observed at the PCA. Some of the other plants found in the open area include black sage (*Artemisia nova*), Arboles milkvetch (*Astragalus oocalycis*), longflower rabbitbrush (*Chrysothamnus depressus*), King's lupine (*Lupinus kingii*), western wheatgrass (*Pascopyrum smithii*), Rocky Mountain milkvetch (*Astragalus scopulorum*), trailing fleabane (*Erigeron flagellaris*), redroot buckwheat (*Eriogonum racemosum*) and mule's ears (*Wyethia* sp.). Exotic species at the site were cheatgrass (*Bromus tectorum*) and yellow sweet clover (*Melilotus officinalis*).

### 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 02/15/2002

Designer Lyon, M.J.

### Boundary Justification

The boundary is drawn to encompass the area where the Pagosa phlox was found.

Primary Area 138.46 Acres 56.03 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

This PCA contains a good (B rank) occurrence of Pagosa phlox (*Phlox caryophylla*), a plant that is considered rare (S2) in Colorado. This plant species occurs in New Mexico and Colorado and is known from 32 locations in Colorado.

Other Values Rank No Data

### Other Values Comments

No Data

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## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

### Natural Hazard Comments

No Data

### Exotics Comments

No Data

### Offsite

No Data

### Information Needs

Further surveys during the flowering season (April and May) of the Pagosa phlox could reveal that the population is more extensive.

## 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>
18375	<i>Phlox caryophylla</i>	Pagosa phlox	G4	S3	Yes

## REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
166839	Lyon, P. 2001. Colorado Natural Heritage Program Field Surveys.

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	02/15/2002
<b>Version Author</b>	Lyon, M.J.

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