

Level 4 Potential Conservation Area (PCA) Report

Name Valle Seco

Site Code S.USCOHP*23173

IDENTIFIERS

Site ID 1865 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>
2467	S.USCOHP*27036	Pagosa Springs

LOCATORS

Nation United States Latitude 370735N
State Colorado Longitude 1065946W

Quad Code Quad Name

37106-A8 Edith
37106-B8 Serviceberry Mountain
37107-B1 Oakbrush Hill

County

Archuleta (CO)

Watershed Code Watershed Name

14080101 Upper San Juan

SITE DESCRIPTION

Minimum Elevation 6,900.00 Feet 2,103.00 Meters
Maximum Elevation 7,200.00 Feet 2,195.00 Meters

Site Description

This PCA includes a sagebrush meadow and an open, east-facing hillside within a ponderosa pine (*Pinus ponderosa*) and Gambel oak (*Quercus gambelii*) forest. Soils are derived from Mancos shale, and support several shale-loving species, including Arboles milkvetch (*Astragalus oocalycis*) and Hayden's milkvetch (*Astragalus haydenianus*). Other plants at the site included squirreltail (*Elymus elymoides*), hairy golden aster (*Heterotheca villosa*), trailing fleabane (*Erigeron flagellaris*), fernleaf biscuitroot (*Lomatium dissectum*), and prickly pear cactus (*Opuntia fragilis*).

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 encompasses the location of the Pagosa phlox, with a small buffer to allow for movement of the population over time.

Primary Area 75.29 Acres 30.47 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

This PCA contains a fair (C rank) occurrence of Pagosa phlox (*Phlox caryophylla*), a plant that is vulnerable (S3) in Colorado. The total range is very small, extending from Pagosa Springs to Durango, and in only one adjacent county in New Mexico.

Other Values Rank No Data

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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

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

Version Date 02/15/2002

Version Author Lyon, M.J.

Disclaimer

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