

Level 4 Potential Conservation Area (PCA) Report

Name Lange Canyon

Site Code S.USCOHP*23170

IDENTIFIERS

Site ID 283 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 371617N
State Colorado Longitude 1072910W

Quad Code Quad Name
37107-C4 Baldy Mountain

County
La Plata (CO)

Watershed Code Watershed Name
14080101 Upper San Juan

SITE DESCRIPTION

Minimum Elevation	7,400.00 Feet	2,256.00 Meters
Maximum Elevation	7,600.00 Feet	2,316.00 Meters

Site Description

This site includes a sagebrush opening in a ponderosa pine (*Pinus ponderosa*) and Gambel oak (*Quercus gambelii*) forest. Mountain big sage (*Artemisia tridentata* ssp. *vaseyana*) and black sage (*Artemisia nova*), dominate the small opening. Other species present were Arboles milkvetch (*Astragalus oocalycis*), yellow milkvetch (*Astragalus flavus*), longflower rabbitbrush (*Chrysothamnus depressus*), rubber rabbitbrush (*Chrysothamnus nauseosus*), sandburg bluegrass (*Poa secunda*), Louisiana sagewort or foothill sagewort (*Artemisia ludoviciana*), redroot buckwheat (*Eriogonum racemosum*), tapertip onion (*Allium acuminatum*), and Gray's biscuitroot (*Lomatium grayi*). The milkvetches are commonly found on Mancos Shale derived soils containing selenium.

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 site boundary represents the area around the occurrence of the Pagosa phlox (*Phlox caryophylla*) and adjacent similar habitat that was not surveyed. It includes the entire sagebrush dominated opening in the forest, allowing for expansion of the population over time.

Primary Area 50.61 Acres 20.48 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

This site supports an excellent (A-ranked) occurrence of a plant that is considered vulnerable in Colorado (G4/S3). The species is also known from New Mexico. Of the 29 known occurrences in Colorado (as of 2004), two are in La Plata County, and all the others in Archuleta County. When this site was surveyed on June 20, 2001, most of the plants were past flowering and drying up. There were thousands of individuals present.

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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>
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.
184581	Lyon, P. 2003. Colorado Natural Heritage Program La Plata County Biological Assessment.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 01/30/2004
Version Author Lyon, M.J.

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