

Level 4 Potential Conservation Area (PCA) Report

Name Pine/Piedra Stock Trail

Site Code S.USCOHP*23165

IDENTIFIERS

Site ID 1306 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 371419N
State Colorado Longitude 1072805W

Quad Code Quad Name
37107-B4 Pargin Mountain

County
Archuleta (CO)

Watershed Code Watershed Name
14080101 Upper San Juan
14080102 Piedra

SITE DESCRIPTION

Minimum Elevation 8,000.00 Feet 2,438.00 Meters
Maximum Elevation 8,750.00 Feet 2,667.00 Meters

Site Description

This site is located along a section of the historic Pine-Piedra Stock Trail. The trail follows a north-south ridge top through mixed conifer forest of ponderosa pine (*Pinus ponderosa*), Douglas-fir (*Pseudotsugo menziesii*), pinon pine (*Pinus edulis*) and Rocky Mountain juniper (*Juniperus scopulorum*). The forest understory consists of a mixed shrub community. The ridgetop is composed of the Tertiary San Juan Formation.

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 include two subpopulations of Missouri milkvetch (*Astragalus missouriensis* var. *humistratus*) and Pagosa phlox (*Phlox caryophylla*). A small amount of additional potential habitat around the occurrences is included to allow for movement of the plants over time.

Primary Area 234.82 Acres 95.03 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The Pine Piedra Stock Trail site contains a good (B-ranked) occurrence of Missouri milkvetch (*Astragalus missouriensis* var. *humistratus*), a Colorado endemic plant subspecies considered globally critically imperiled (G5T1/S1). The site also contains an excellent (A-ranked) occurrence of Pagosa phlox (*Phlox caryophylla*), a species that is considered vulnerable in Colorado (G4/S3). Pagosa phlox is known from Colorado and New Mexico. Of the many occurrences in Colorado, all but a few are in Archuleta County.

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

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>
22922	<i>Astragalus missouriensis</i> var. <i>humistratus</i>	Missouri milkvetch	G5T1	S1	Yes
18375	<i>Phlox caryophylla</i>	Pagosa phlox	G4	S3	No

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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