

Level 4 Potential Conservation Area (PCA) Report

Name Bondad

Site Code S.USCOHP*24742

IDENTIFIERS

Site ID 2107 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 370426N
State Colorado Longitude 1074843W

Quad Code Quad Name
37107-A7 Bondad Hill

County
La Plata (CO)

Watershed Code Watershed Name
14080104 Animas

SITE DESCRIPTION

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

Site Description

This site comprises barren shale badlands of the Tertiary San Jose formation. The area contains many gas wells and service roads. County Road 212 passes through the site. Dry washes and steep eroded slopes support the two rare plants. Pinyon and juniper woodlands clothe the less steep areas. Associated species include spearleaf buckwheat (*Eriogonum lonchophyllum*), rushy milkvetch (*Astragalus lonchocarpus*), yellow milkvetch (*Astragalus flavus*), Arboles milkvetch (*Astragalus oocalycis*), Spanish bayonet (*Yucca harrimaniae*), and sharpleaf twinpod (*Physaria acutifolia*).

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 01/30/2004
Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to encompass the occurrence of the New Mexico false carrot (*Aletes sessiliflorus*). It takes in the barren clay slopes that provide habitat for the rare plant, as well as some of the surrounding pinyon-juniper woodland. The San Juan gilia (*Gilia haydenii*), plateau striped whiptail (*Cnemidophorus velox*) and gray vireo (*Vireo vicinior*) were found within this boundary, although the site does not include the entire area that would be necessary to support the Gray vireo.

Primary Area 512.95 Acres 207.59 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports an excellent (A-ranked) occurrence of a globally vulnerable (G3/S1?) plant.

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

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>
17400	<i>Gilia haydenii</i>	San Juan gilia	G3	S2	No
24137	<i>Aletes sessiliflorus</i>	New Mexico false carrot	G3	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
184581	Lyon, P. 2003. Colorado Natural Heritage Program La Plata County Biological Assessment.

ADDITIONAL TOPICS

Additional Topics

Other Heritage elements within the site: Pinus edulis/Cercocarpus montanus (Pinyon Pine/Mountain Mahogany), G5/S4, B-ranked.

VERSION

Version Date 01/30/2004

Version Author Lyon, M.J.

Disclaimer

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