

Level 4 Potential Conservation Area (PCA) Report

Name Los Mogotes Peak

Site Code S.USCOHP*065

IDENTIFIERS

Site ID 398 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 370440N
State Colorado Longitude 1061012W

Quad Code Quad Name

37106-A2 Fox Creek

County

Conejos (CO)

Watershed Code Watershed Name

13010002 Alamosa-Trinchera
13010005 Conejos

SITE DESCRIPTION

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

Site Description

The site encompasses a large peak rising up from the gently sloping lower San Juan Mountain foothills. Numerous conifer trees occur on protected slopes. The surrounding landscape is dominated by grasslands and desert shrublands.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 02/03/1999
Designer Kettler, S.M.

Boundary Justification

The boundary encompasses the plant locations and some adjacent suitable habitat, including open grasslands or savanna-like vegetation and the numerous small drainages downstream from known Ripley milkvetch locations. Seed dispersal mechanisms considered important for this species are small mammals (presumably kangaroo rats) caching the seed pods and precipitation events washing the seeds downhill. A suspected pollinator of this plant is a common bee which could nectar on species other than Ripley milkvetch in the same habitat. This boundary is intended to allow some seed dispersal into currently unoccupied but apparently suitable habitat and provide habitat for plant pollinators.

Primary Area 317.70 Acres 128.57 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site includes a good occurrence of a globally vulnerable plant species.

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>
18485	<i>Astragalus ripleyi</i>	Ripley milkvetch	G3	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
162351	Naumann, T. and J. Coles. 1989 Field Survey to San Luis Valley.
170960	Naumann, T.S. 1990 a. Status report for <i>Astragalus ripleyi</i> Unpublished report prepared for the Colorado Natural Areas Program, Denver, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 03/06/2000

Version Author Kettler, S.M.

Disclaimer

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