

Level 4 Potential Conservation Area (PCA) Report

Name Tozer Canyon

Site Code S.USCOHP*25387

IDENTIFIERS

Site ID 2214 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 372151N
State Colorado Longitude 1085107W

Quad Code Quad Name

37108-C7 Battle Rock

County

Montezuma (CO)

Watershed Code Watershed Name

14080202 Mcelmo

SITE DESCRIPTION

Minimum Elevation	5,323.00 Feet	1,622.45 Meters
Maximum Elevation	6,000.00 Feet	1,828.80 Meters

Site Description

The Tozer Canyon site occupies an open, level area in a desert shrub community dominated by four-wing saltbush, galleta and alkali sacaton (*Atriplex canescens*, *Pleuraphis jamesii* and *Sporobolus airoides*). Although the parent material is mapped as the Jurassic Morrison, Summerville and Entrada formations, soils appear to be clay derived from Mancos shale. Newberry's milkvetch (*Astragalus newberryi*) was observed here in 1998. Although only a few plants were seen, further survey is needed to determine the full extent of the population.

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 12/08/2004
Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to include the treeless area surrounding the Newberry's milkvetch (*Astragalus newberryi*) occurrence, and includes sufficient area within the same habitat to allow for future colonization.

Primary Area 363.32 Acres 147.03 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

This site supports an unranked occurrence of Newberry's milkvetch (*Astragalus newberryi*) a plant that is extremely rare (S1) in Colorado although globally common (G5). As of 2005, this occurrence is one of only two known in Colorado.

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 Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
19045	<i>Astragalus newberryi</i>	Newberry's milkvetch	G5	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
192772	Lyon, M.J. 2005. Final Report: Survey of Rare Plants. San Juan Public Lands in Dolores and Montezuma counties, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 12/08/2004

Version Author Lyon, M.J.

Disclaimer

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