

Level 4 Potential Conservation Area (PCA) Report

Name Silveys Pocket

Site Code S.USCOHP*243

IDENTIFIERS

Site ID 1477 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 381155N
State Colorado Longitude 1085841W

Quad Code Quad Name
38108-B8 Anderson Mesa

County
Montrose (CO)

Watershed Code Watershed Name
14030002 Upper Dolores

SITE DESCRIPTION

Minimum Elevation	5,300.00 Feet	1,615.00 Meters
Maximum Elevation	5,800.00 Feet	1,768.00 Meters

Site Description

The Silvey's Pocket PCA includes mesa tops and a broad bench south of Coyote Wash. A rough four-wheel drive road leads to the site from Little Gypsum Valley. The area has numerous old uranium mines and is entirely within BLM owned lands. Most of the PCA is in the Morrison and Dakota geologic formations. Vegetation is a mosaic of pinyon-juniper woodland, sagebrush and greasewood flats. The pinyon-juniper community also contains mountain mahogany, snakeweed, yucca, Mormon tea, and spiny greasewood. Common grasses are galleta, blue grama, needle-and-thread, three-awn and Indian ricegrass. Herbaceous species include Wingate milkvetch, cats-eye, Townsend's Easter daisy, sand aster, scarlet globemallow, prickly-pear cactus, four o'clocks, and many-lobed groundsel. The Naturita milkvetch was found in this community, in soil pockets and crevices of exposed sandstone pavements, often close to the rims of small canyons. The plants were sparsely scattered throughout this habitat. The Paradox breadroot was observed in the area in 1982, but was not seen in 1999. Sagebrush and greasewood occupied more level areas with deeper soils. Associated species were galleta, six weeks fescue, Eastwood's paintbrush, wooly milkvetch, evening primrose, and skyrocket gilia. Disturbed areas had wooly plantain. Benches in the Navajo Formation were identified by BLM as high quality, relic examples of the native bunchgrass community that is typical of western Montrose and San Miguel counties.

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 03/13/2000
Designer Lyon, M.J. and J.R. Sovell

Boundary Justification

The boundary was drawn to include the good examples of the Western Slope grasslands and circumscribes the occurrences of the Naturita milkvetch and the Paradox breadroot. Unoccupied habitat between the occurrences can serve as a site for expansion of the rare plant populations.

Primary Area 706.80 Acres 286.03 Hectares

SITE SIGNIFICANCE

Level 4 Potential Conservation Area (PCA) Report

Name Silveys Pocket

Site Code S.USCOHP*243

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair (C-ranked) occurrence of a plant species which is imperiled on a global scale (G2G3/S2S3), Naturita milkvetch (*Astragalus naturitensis*). It also contains a historical occurrence of a plant species which is vulnerable on a global scale and an historical occurrence of a plant community which is vulnerable on a global scale.

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 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>			
18115	<i>Pediomelum aromaticum</i>	Paradox breadroot	G3	S2	No
24857	<i>Hesperostipa comata</i> Great Basin Herbaceous Vegetation	Western Slope Grasslands	G2G4	S2	No
21647	<i>Astragalus naturitensis</i>	Naturita milkvetch	G2G3	S2S3	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	03/13/2000
Version Author	Lyon, M.J. and J.R. Sovell

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name Silveys Pocket

Site Code S.USCOHP*243

These data are a product and property of Colorado State University, Colorado Natural Heritage Program (CNHP). These data are strictly "on loan" and should be considered "works in progress". Data maintained in the Colorado Natural Heritage Program database are an integral part of ongoing research at CSU and reflect the observations of many scientists, institutions and our current state of knowledge. These data are acquired from various sources, with varying levels of accuracy, and are continually being updated and revised. Many areas have never been surveyed and the absence of data in any particular geographic area does not necessarily mean that species or ecological communities of concern are not present. These data should not be regarded as a substitute for on-site surveys required for environmental assessments. Absence of evidence is NOT evidence of absence. Absence of any data does not mean that other resources of special concern do not occur, but rather CNHP files do not currently contain information to document this presence. CNHP is not responsible for whether other, non-CNHP data providers have secured landowner permission for data collected.

These data are provided for non-commercial purposes only. Under no circumstances are data to be distributed in any fashion to outside parties. To ensure accurate application of data, tabular and narrative components must be evaluated in conjunction with spatial components. Failure to do so constitutes a misuse of the data. The Colorado Natural Heritage Program shall have no liability or responsibility to the data users, or any other person or entity with respect to liability, loss, or damage caused or alleged to be caused directly or indirectly by the data, including but not limited to any interruption of service, loss of business, anticipatory profits or indirect, special, or consequential damages resulting from the use of operation of the data. Data users hereby agree to hold CNHP, Colorado State University, and the State of Colorado harmless from any claim, demand, cause of action, loss, damage or expense from or related to data users use of or reliance on the data, regardless of the cause or nature thereof, and even in the event that such cause is attributable to the negligence or misconduct of CNHP.

These data are provided on an as-is basis, as-available basis without warranties of any kind, expressed or implied, INCLUDING (BUT NOT LIMITED TO) WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Although CNHP maintains high standards of data quality control, CNHP, Colorado State University, and the State of Colorado further expressly disclaim any warranty that the data are error-free or current as of the date supplied