

Level 4 Potential Conservation Area (PCA) Report

Name Ismay Trading Post

Site Code S.USCOHP*25380

IDENTIFIERS

Site ID 2207 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 372007N
State Colorado Longitude 1090137W

Quad Code Quad Name
37109-C1 Wickiup Canyon

County
Montezuma (CO)

Watershed Code Watershed Name
14080202 Mcelmo

SITE DESCRIPTION

Minimum Elevation	4,920.00 Feet	1,499.62 Meters
Maximum Elevation	5,000.00 Feet	1,524.00 Meters

Site Description

The site includes the valley at the mouth of Yellowjacket Canyon and some of the adjacent rocky hillsides. The valley floor is dominated by greasewood (*Sarcobatus vermiculatus*) with a weedy understory. Hillsides that are ungrazed are in better condition, and support a community of shadscale and galleta (*Atriplex confertifolia* / *Pleuraphis jamesii*). Associated species include *Phlox longifolia*, *Thelypodopsis aurea*, *Physaria acutifolia*, *Calochortus flexuosus*, *Cryptantha flavoculata*, and *Phacelia crenulata*.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

Cattle grazing.

Cultural Features

No Data

SITE DESIGN

Site Map Y - Yes Mapped Date 10/16/2005

Designer Lyon, M.J.

Boundary Justification

The site includes the rare plant occurrences and some additional area in the same habitat that is suitable for the plants. USGS 1:24,000 scale topographic maps and on-site surveys were used to determine suitable habitat: level areas in the semi-desert shrub zone, excluding the areas dominated by greasewood.

Primary Area 409.93 Acres 165.89 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

The site supports a fair (C-ranked) occurrence of a globally secure (G4) but state rare (S2) plant, Utah penstemon (*Penstemon utahensis*), and a fair (C-ranked) occurrence of a state rare (G4/S2) plant, weak-stemmed mariposa lily (*Calochortus flexuosus*).

Other Values Rank No Data

Other Values Comments

No Data

Level 4 Potential Conservation Area (PCA) Report

Name Ismay Trading Post

Site Code S.USCOHP*25380

LAND MANAGEMENT ISSUES

Land Use Comments

Private land may be acquired in trade.

Natural Hazard Comments

No Data

Exotics Comments

Weedy valley bottoms with potential to spread *Bromus tectorum*, *Erodium cicutarium*, *Sisymbrium altissimum*, plus native increasers.

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>
22171	<i>Calochortus flexuosus</i>	weak-stemmed mariposa lily	G4	S2	Yes
19001	<i>Penstemon utahensis</i>	Utah penstemon	G4	S2	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.
194256	Lyon, P. and J. Hanson. 2006. Final Report: 2005 Rare Plant Survey of San Juan Public Lands, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Lyon, M.J. 2004-12-08.

VERSION

Version Date	10/16/2005
Version Author	Lyon, M.J.

Disclaimer

Level 4 Potential Conservation Area (PCA) Report

Name Ismay Trading Post

Site Code S.USCOHP*25380

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