

Level 4 Potential Conservation Area (PCA) Report

Name Yellowjacket Pass

Site Code S.USCOHP*26198

IDENTIFIERS

Site ID 2348 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 371546N
State Colorado Longitude 1072653W

Quad Code Quad Name
37107-C4 Baldy Mountain

County
Archuleta (CO)

Watershed Code Watershed Name
14080101 Upper San Juan
14080102 Piedra

SITE DESCRIPTION

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

Site Description

The site is on the north side of Highway 160 and the east side of Yellowjacket Pass. Ponderosa pine and Gambel oak cover the south-facing hillsides. Geologically, the area is mapped as Arkosic sandstone, shale, and conglomerate, which contains abundant volcanic materials. Openings in the forest with nearly barren light brown soils support a large population of Gray's easter-daisy (*Townsendia glabella*). Associated native species include the shrubs *Symphoricarpos oreophilus*, *Penstemon cespitosus* and *Amelanchier utahensis*; and forbs *Erigeron flagellaris*, *Allium acuminatum*, *Antennaria parviflora*, *Artemisia ludoviciana*, *Wyethia X magna*, *Eriogonum racemosum*, *Psilochenia* sp., *Lomatium dissectum*, *Achillea lanulosa*, and *Potentilla pulcherrima*. Several exotic species were found, including the ubiquitous *Alyssum parviflorum* and *Bromus tectorum*, and planted species *Poa pratensis*, *Bromus inermis* and *Melilotus officinalis*. The latter three species are often used for roadside revegetation and pose a threat to native species.

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 10/16/2005
Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to encompass the occurrence of *Townsendia glabella*, with additional surrounding area that provides potential habitat for expansion of the population.

Primary Area 36.79 Acres 14.89 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

The site supports a good (B-ranked) occurrence of Gray's townsend-daisy (*Townsendia glabella*), a globally imperiled (G2?/S2?) plant.

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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

A state highway is adjacent to the site. Introduced grasses, including *Bromus inermis*, are present. Some *Bromus tectorum* was observed.

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>
20834	<i>Townsendia glabella</i>	Gray's townsend-daisy	G2	S2	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
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

No Data

VERSION

Version Date 10/16/2005

Version Author Lyon, M.J.

Disclaimer

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