

Level 4 Potential Conservation Area (PCA) Report

Name Christine State Wildlife Area

Site Code S.USCOHP*10239

IDENTIFIERS

Site ID 1982 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 392324N
State Colorado Longitude 1070246W

Quad Code Quad Name

39107-C1 Basalt
39107-D1 Leon

County

Eagle (CO)

Watershed Code Watershed Name

14010004 Roaring Fork

SITE DESCRIPTION

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

Site Description

Christine State Wildlife Area occurs at the base of Basalt Mountain and upslope from the Roaring Fork River. This site is characterized by rolling hills (7,200-8,600 feet) of diverse native shrublands and excellent wildlife habitat. This site includes a mosaic of plant communities dominated by pinon - juniper (*Pinus edulis* - *Juniperus osteosperma*), Gambel's oak (*Quercus gambelii*), or sagebrush (*Artemisia tridentata*). The sagebrush shrublands provide important habitat for a globally rare penstemon species. Approximately 1,500 acres are included within the boundaries.

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 05/05/1999
Designer Spackman, S.C.

Boundary Justification

The site boundary includes the two occurrences and a buffer which is intended to protect the occurrences from direct disturbances, such as trampling. Indirect disturbances occurring outside the site boundaries, such as unnatural erosion caused from upslope activities or the establishment of exotic species, should be limited.

Primary Area 2,810.77 Acres 1,137.48 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair (C-ranked) occurrence of a globally imperiled (G2/S2) plant community, *Pinus edulis* - (*Juniperus monosperma*, *Juniperus osteosperma*) / *Hesperositta comata*. This site also contains a fair (C-ranked) occurrence of a plant species which is vulnerable on a global scale (G3/S3). Harrington's beardtongue (*Penstemon harringtonii*) is a globally rare plant species which is restricted to Colorado and is found almost exclusively in Sagebrush habitat. In general, Harrington's beardtongue and its habitat are highly

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threatened from residential development. These threats in addition to its restricted range create an urgency for protection. Harrington's beardtongue populations are known to fluctuate in population numbers from year to year. Therefore, this specific location may be a higher priority than the current information reflects.

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</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>
24556	<i>Pinus edulis</i> - (<i>Juniperus monosperma</i> , <i>Juniperus osteosperma</i>) / <i>Hesperostipa comata</i> Woodland	Xeric Western Slope Pinyon-Juniper Woodlands	G2?	S2	Yes
19662	<i>Penstemon harringtonii</i>	Harrington beardtongue	G3	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 05/05/1999
Version Author Spackman, S.C.

Disclaimer

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