

Level 4 Potential Conservation Area (PCA) Report

Name Horse Mountain

Site Code S.USCOHP*447

IDENTIFIERS

Site ID 2007 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>
2470	S.USCOHP*27039	Roan

LOCATORS

Nation United States Latitude 392309N
State Colorado Longitude 1082816W

Quad Code Quad Name

39108-D4 The Saddle
39108-D5 Middle Dry Fork

County

Garfield (CO)

Watershed Code Watershed Name

14010006 Parachute-Roan

SITE DESCRIPTION

Minimum Elevation	7,400.00 Feet	2,256.00 Meters
Maximum Elevation	8,362.00 Feet	2,549.00 Meters

Site Description

Horse Mountain is the highland between two east-flowing tributaries of Roan Creek, the Middle Dry Fork and McKay Fork. The site is confined to the south-facing slopes of Green River shale, which are the home of the three shale endemic plants. The plants grow in abundance on barren shale surfaces with large, loose fragments.

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 01/30/2001

Designer Lyon, M.J.

Boundary Justification

The boundary is drawn to include the area that supports the long-term survival of the three rare plants. It encompasses the upper slopes of the south-facing side of Horse Mountain, where the three endemic plants are found. It also includes some adjacent suitable habitat to allow for movement of the plant populations over time, as landslides open up new sites, and existing sites become too heavily vegetated for the targeted species.

Primary Area	2,668.91 Acres	1,080.07 Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains historical occurrences of the globally imperiled (G2/S2) Piceance bladderpod (*Lesquerella parviflora*), the globally vulnerable (G3/S3) sun-loving meadowrue (*Thalictrum heliophilum*) and the globally vulnerable (G3/S3) Utah fescue (*Argillochloa dasyclada*).

Other Values Rank No Data

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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

Current field surveys needed to verify quality of rare plant populations.

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>
18994	<i>Argilochloa dasyclada</i>	Utah fescue	G3	S3	No
21414	<i>Thalictrum heliophilum</i>	sun-loving meadowrue	G2	S2	Yes
17683	<i>Lesquerella parviflora</i>	Piceance bladderpod	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/30/2001
Version Author	Lyon, M.J.

Disclaimer

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