

Level 4 Potential Conservation Area (PCA) Report

Name Endlich Mesa Basin

Site Code S.USCOHP*8461

IDENTIFIERS

Site ID 747 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 373034N
State Colorado Longitude 1073632W

Quad Code Quad Name
37107-E5 Columbine Pass

County
La Plata (CO)

Watershed Code Watershed Name
14080104 Animas

SITE DESCRIPTION

Minimum Elevation	11,760.00 Feet	3,584.00 Meters
Maximum Elevation	12,080.00 Feet	3,682.00 Meters

Site Description

The site is a peat bog on a glaciated mountain slope, located above timberline in a pristine basin. Vegetation is dominated by water sedge (*Carex aquatilis*). Other plants at the site include tufted hairgrass (*Deschampsia cespitosa*), tall cottongrass (*Eriophorum angustifolium*), Parry's primrose (*Primula parryi*), silvery sedge (*Carex canescens*), elephant head lousewort (*Pedicularis groenlandica*), and march marigold (*Caltha leptosepala*). Soils consist of 26 cm. of organic soil over mollic soils.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 04/11/1997
Designer Fayette, K.K.

Boundary Justification

This site includes the occurrence and a buffer of similar habitat to protect against direct impacts such as trampling or erosional disturbances. The hydrology of the site is important to the element and should be considered during any modifications in the watershed.

Primary Area 129.82 Acres 52.54 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

The biodiversity rank for the site is based on an excellent (A-ranked) occurrence of a plant that is globally secure (G5), but rare in Colorado (S1). Originally identified as Altai cottongrass (*Eriophorum altaicum* ssp. *neogaeum*), the specimen collected in 1995 was annotated to *E. chamissonis* in 2001.

Other Values Rank No Data

Other Values Comments

No Data

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LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

[Fayette 1997:] Hydrological processes originating outside of the planning boundary, including water quality, quantity, timing and flow must be managed to maintain site viability.

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>
20214	<i>Eriophorum chamissonis</i>		G5	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
184581	Lyon, P. 2003. Colorado Natural Heritage Program La Plata County Biological Assessment.
170844	Randolph, D., Smith, Kettler, Redders, Roy, and Aitken. 1994. San Juan National Forest Riparian Site Survey.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 01/30/2004

Version Author Lyon, M.J.

Disclaimer

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