Level 4 Potential Conservation Area (PCA) Report

Name Pine Park Reservoir **Site Code** S.USCOHP*28157

IDENTIFIERS

Site ID 2703 **Site Class** PCA

Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID	NCA Site Code	NCA Site Name
-		No Data

LOCATORS

Nation United States **Latitude** 390452N

State Colorado **Longitude** 1080437W

Quad Code	Quad Name
39108-A1	Mesa Lakes

County

Mesa (CO)

Watershed Code	Watershed Name
14010005	Colorado headwaters-Plateau

SITE DESCRIPTION

Minimum Elevation - **Feet** - **Meters**

Maximum Elevation - **Feet** - **Meters**

Site Description

The site comprises open meadows of serviceberry and diverse grass and forb species surrounded by aspen forest. Associated species include silvery lupine (*Lupinus argenteus*), scarlet gilia (*Ipomopsis aggregata*), sulphur-flower buckwheat (*Eriogonum umbellatum*), subalpine buckwheat (*E. subalpinum*), geranium (*Geranium viscosissimum*), sugarbowls (*Coriflora hirsutissima*), silky phacelia (*Phacelia sericea*), Rydberg's penstemon (*Penstemon rydbergii*), Woods' rose (*Rosa woodsii*), and tobacco root (*Valeriana edulis*). A primitive forest road and a little used 2-track road are within the site. There are also three reservoirs in the site and many others in the vicinity. Unlike many of the occurrences of Grand Mesa penstemon (*Penstemon mensarum*), the plant is growing here in a natural setting away from roads or other disturbance. Over 500 individuals were counted in 12 subpopulations, and a total of over 2,000 is estimated for the site. There is cattle grazing in the area, but no negative effects were noted.

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** 08/23/2010

Designer Lyon, M.J.

Boundary Justification

The boundary includes twelve sub-populations of *Penstemon mensarum*, with adjacent suitable habitat.

Primary Area 742.09 **Acres** 300.31 **Hectares**

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site includes an excellent (A-ranked) occurrence of Grand Mesa penstemon (*Penstemon mensarum*), a globally vulnerable (G3/S3) species.

Other Values Rank No Data

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Other Values Comments

One of few occurrences in a natural setting away from roads and other disturbances.

LAND MANAGMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

Some *Bromus inermis*.

Offsite

No Data

Information Needs

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
19689	*Penstemon mensarum*	Grand Mesa penstemon	G3	S3	Yes

REFERENCES

Reference ID	Full Citation
198684	Lyon, P. and B. Kuhn. 2010. CNHP Final Report: Grand Mesa National Forest Rare Plant and Boreal Toad Survey 2010. Colorado Natural Heritage Program. Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 08/23/2010

Version Author Lyon, M.J.

Disclaimer

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