

Level 4 Potential Conservation Area (PCA) Report

Name Flagler Reservoir

Site Code S.USCOHP*8572

IDENTIFIERS

Site ID 1221 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 391741N
State Colorado Longitude 1025859W

Quad Code Quad Name

39102-C8 Flagler Reservoir
39103-C1 Flagler

County

Kit Carson (CO)

Watershed Code Watershed Name

10250003 South Fork Republican

SITE DESCRIPTION

Minimum Elevation 4,650.00 Feet 1,417.00 Meters
Maximum Elevation 4,750.00 Feet 1,448.00 Meters

Site Description

Reservoir area containing drainages characterized by seeps and springs, with sand sage, tallgrass, and Carex patches. Provides suitable habitat for Speyeria idalia, Anodonta grandis, and Euphyes bimacula.

Key Environmental Factors

Flow reduction due to removal of water for irrigation, seasonal reservoir fluctuations, industrial effluents and agricultural impounding may have detrimental effect on springs.

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 04/21/1997
Designer Pineda, P.M.

Boundary Justification

Includes Flagler Reservoir with its extant population of Anodonta grandis grandis, known habitat localities for Speyeria idalia and Euphyes bimacula, other drainages, seeps, and springs which may prove to support these species' habitats.

Primary Area 1,860.65 Acres 752.98 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

The site supports a fair (C-ranked) occurrence of a globally vulnerable (G3/S1) species, regal fritillary (Speyeria idalia), a fair (C-ranked) occurrence of the state rare (G4/S2) two-spotted skipper (Euphyes bimacula) and a good (B-ranked) occurrence of the state rare (G5/S2) giant floater (Anodonta grandis).

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

No Data

Information Needs

Need to survey area more thoroughly to judge quality of area.

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>
23663	<i>Anodonta grandis</i>	Giant Floater	G5	S2	No
21896	<i>Speyeria idalia</i>	Regal Fritillary	G3	S1	Yes
21887	<i>Euphyes bimaculata</i>	Two-spotted Skipper	G4	S2	No

REFERENCES

Reference ID

Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 04/21/1997

Version Author Pineda, P.M.

Disclaimer

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