

Level 4 Potential Conservation Area (PCA) Report

Name East Plum Creek

Site Code S.USCOHP8*3252

IDENTIFIERS

Site ID 1536 Site Class PCA
Site Alias East Plum Creek Macrosite

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 391448N
State Colorado Longitude 1045252W

Quad Code Quad Name

39104-C7	Castle Rock South
39104-C8	Dawson Butte
39104-B8	Larkspur
39104-B7	Greenland

County

Douglas (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
10190002	Upper South Platte

SITE DESCRIPTION

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

Site Description

No Data

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 01/09/1996
Designer Pague, C.A.

Boundary Justification

The boundary encompasses all riparian and aquatic habitats that contain permanent or semi-permanent stream flows. Furthermore, this boundary includes a small buffer on the surrounding uplands that generally extends 1,000 feet from the edge of the riparian vegetation, which corresponds with the edge of the primary floodplain. Not only does this include the majority of the available habitat for the significant species found here, but such a buffer is necessary to maintain the quality of riparian and aquatic habitats by reducing opportunities for adjacent disturbances that are likely to directly affect these sensitive habitats. When existing roads or structures fall within this 1,000 foot buffer, they have generally been excluded from the site since they retain little of their natural value and probably do not act as an effective buffer.

Primary Area 1,868.71 Acres 756.24 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site supports a good (B-ranked), fair (C-ranked) and unranked occurrence of the globally imperiled (G5T2/S1) and federally Threatened Preble's meadow jumping mouse (*Zapus hudsonius preblei*).

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

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>
21289	<i>Zapus hudsonius preblei</i>	Meadow Jumping Mouse Subsp	G5T2	S1	No
21289	<i>Zapus hudsonius preblei</i>	Meadow Jumping Mouse Subsp	G5T2	S1	Yes
21289	<i>Zapus hudsonius preblei</i>	Meadow Jumping Mouse Subsp	G5T2	S1	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	01/09/1996
Version Author	Pague, C.A.

Disclaimer

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