

Level 4 Potential Conservation Area (PCA) Report

Name North Tarryall Creek at Como

Site Code S.USCOHP*1689

IDENTIFIERS

Site ID 1231 Site Class PCA
Site Alias North Tarryall Creek

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 391844N
State Colorado Longitude 1054829W

Quad Code Quad Name
39105-C7 Milligan Lakes

County
Park (CO)

Watershed Code Watershed Name
10190001 South Platte Headwaters

SITE DESCRIPTION

Minimum Elevation	9,300.00	Feet	2,835.00	Meters
Maximum Elevation	9,700.00	Feet	2,957.00	Meters

Site Description

This site includes the riparian and wetland habitat adjacent to Tarryall Creek and Packer Gulch. Several playa lakes as well as Milligan Lakes are included in the site. It also includes areas that are irrigated and grazed by cattle. Highway 285 forms the northwest boundary.

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 12/09/2000

Designer Culver, D.R.

Boundary Justification

This site includes Tarryall Creek, Packer Gulch and the playa lakes between the two drainages. The boundary is drawn to incorporate an area where natural processes (such as groundwater recharge, species reproduction) function in a manner that maintains viable populations of the elements of concern. However, all hydrological processes necessary to the elements are not fully contained in the boundary. Upstream activities that alter hydrology or sediment loads could detrimentally affect the elements.

Primary Area 3,389.51 Acres 1,371.69 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site includes a good (B-ranked) and a fair (C-ranked) occurrence of a globally imperiled (G2/S1) plant community, *Kobresia myosuroides* - *Thalictrum alpinum* extreme rich fen, and a fair (C-ranked) occurrence of the globally imperiled (G2/S1) plant community, *Kobresia simpliciuscula* - *Trichophorum pumilum* extreme rich fen. The globally imperiled (G2G3/S2S3) pale blue-eyed grass (*Sisyrinchium pallidum*), the globally imperiled (G2/S2) Porter feathergrass (*Ptilagrostis porteri*) and the state rare (G4/S2) Greenland primrose (*Primula egalikensis*) have been historically documented at this location.

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 are needed to locate 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>
22057	<i>Primula egalikensis</i>	Greenland primrose	G4	S2	No
21615	<i>Sisyrinchium pallidum</i>	pale blue-eyed grass	G2G3	S2	No
19684	<i>Ptilagrostis porteri</i>	Porter feathergrass	G2	S2	No
24980	<i>Kobresia myosuroides</i> - <i>Thalictrum alpinum</i> Herbaceous Vegetation	Extreme Rich Fens	G2	S1	Yes
17508	<i>Packera pauciflora</i>	few-flowered ragwort	G4G5	S1S2	No
24977	<i>Kobresia simpliciuscula</i> - <i>Trichophorum pumilum</i> Saturated Herbaceous Vegetation	Extreme Rich Fen	G2	S1	No
21615	<i>Sisyrinchium pallidum</i>	pale blue-eyed grass	G2G3	S2	No
24980	<i>Kobresia myosuroides</i> - <i>Thalictrum alpinum</i> Herbaceous Vegetation	Extreme Rich Fens	G2	S1	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	02/15/2001
Version Author	Spackman, S.C.

Disclaimer

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