

Level 4 Potential Conservation Area (PCA) Report

Name Lower Jimmy Creek Spring

Site Code S.USCOHP*25363

IDENTIFIERS

Site ID 2196 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 405320N
State Colorado Longitude 1055056W

Quad Code Quad Name

40105-G7 Deadman
40105-H7 Sand Creek Pass

County

Larimer (CO)

Watershed Code Watershed Name

10180010 Upper Laramie

SITE DESCRIPTION

Minimum Elevation	8,600.00 Feet	2,621.28 Meters
Maximum Elevation	8,700.00 Feet	2,651.76 Meters

Site Description

This site is in a small valley in the Laramie River drainage that is surrounded by rolling hills dominated by sagebrush and grassland communities with a diverse assemblage of native forbs. The soil is red and sandy, with gravel that appears to be high in quartz. The valley bottom consists of a sedge (*Carex* spp.) dominated wetland along Jimmy Creek.

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 03/03/2005

Designer Doyle, G.A.

Boundary Justification

The boundary includes the wet meadow with the rare plant occurrences and buffer of about 1,000 feet to protect from direct disturbance. The boundary does not encompass the recharge area for the springs supporting the wetland.

Primary Area 1,050.67 Acres 425.19 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site includes a fair (C-ranked) occurrence of pale blue-eyed grass (*Sisyrinchium pallidum*), a globally imperiled (G2G3/S2S3) wetland plant and a fair (C-ranked) occurrence of a Rocky Mountain ragwort (*Packeria debilis*), a state critically imperiled (G4/S1) wetland plant. As of 2005, this site is one of the few documented locations of pale blue-eyed grass (*Sisyrinchium pallidum*) in Larimer County. In Colorado, this species is known primarily from peatlands in Park County. The site is in fair condition, containing mostly native species, but with much evidence of past and current livestock grazing.

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>
21615	<i>Sisyrinchium pallidum</i>	pale blue-eyed grass	G2G3	S2	Yes
22365	<i>Packera debilis</i>	Rocky Mountain ragwort	G4	S1	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
198407	Culver, D.R., K. Decker, J. Parker, J. Bell, J. Sovell, and J. Huggins. 2010. CNHP Final Report: Identification and Assessment of Important Wetlands within the North Platte Watershed, CO. Colorado Natural Heritage Program, Fort Collins, CO.
192692	Doyle, G.A., S.L. Neid and R.J. Rondeau. 2005. Final Report: Survey of Critical Biological Resources, Larimer County, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.
166568	Kettler, S., J. Sanderson, S. Spackman, K. Fayette, C. Pague, D. Clark, and A. Hicks. 1996. Final Report: Significant plant, animal, and wetland resources of Larimer County and their conservation. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Sanderson, J.S. 1996-11-01.

VERSION

Version Date	09/12/2009
Version Author	Culver, D.R.

Disclaimer

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