

Level 4 Potential Conservation Area (PCA) Report

Name Saint Vrain Creek

Site Code S.USCOHP4*2447

IDENTIFIERS

Site ID 1093 Site Class PCA
Site Alias St. Vrain at 75th

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 401008N
State Colorado Longitude 1050831W

Quad Code Quad Name

40105-B2 Hygiene
40105-B1 Longmont

County

Watershed Code Watershed Name

10190005 St. Vrain

SITE DESCRIPTION

Minimum Elevation	4,850.00 Feet	1,478.28 Meters
Maximum Elevation	5,110.00 Feet	1,557.53 Meters

Site Description

The site includes an approximately 12 mile reach of Saint Vrain Creek including surrounding riparian areas. Much of the site extends through urban/suburban areas of Longmont and the creek is influenced by associated channelization and water diversion. Cylindrical papershell (*Anodontooides ferussacianus*) was documented in the 1970s and northern redbelly dace (*Phoxinus eos*) was documented in the early 1900s. An occurrence of hornyhead chub (*Nocomis biguttatus*) was also documented in the early 1900s. This species has been extirpated from Colorado.

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial Mapped Date 10/30/2008
Designer Siemers, J.L.

Boundary Justification

The boundary includes all occurrences and incorporates hydrological processes directly along the creek. The boundary follows the extent of the riparian vegetation. Some ecological processes that support the fish are included, though inclusion of additional portions of uplands and ditches beyond site boundaries may be necessary for long-term protection.

Primary Area 1,439.98 Acres 582.74 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

This site is drawn for occurrences of four globally secure (G5), state rare fish species: southern redbelly dace (*Phoxinus erythrogaster*; S1), stonecat (*Noturus flavus*, S1), brassy minnow (*Hybognathus hankinsoni*, S3), and the common shiner (*Notropis cornutus*, S2). There is also a nesting occurrence of Bald Eagle (*Haliaeetus leucocephalus*, G5/S1B,S3N).

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Other Values Rank No Data

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>
19970	<i>Phoxinus erythrogaster</i>	Southern Redbelly Dace	G5	S1	Yes
19760	<i>Hybognathus hankinsoni</i>	Brassy Minnow	G5	S3	Yes
17455	<i>Notropis cornutus</i>	Common Shiner	G5	S2	Yes
18320	<i>Noturus flavus</i>	Stonecat	G5	S1	Yes
21249	<i>Haliaeetus leucocephalus</i>	Bald Eagle	G5	S1B,S3N	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
195190	Neid, S., J. Lemly, K. Decker and D. Culver. 2009. Final Report: Survey of Critical Biological Resources in Boulder County 2007-2008. Colorado Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

Original site design by Pague, C.A. 1995-06-06.

VERSION

Version Date 10/30/2008
Version Author Siemers, J.L.

Disclaimer

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