

Level 4 Potential Conservation Area (PCA) Report

Name Goose Pasture

Site Code S.USCOHP*10250

IDENTIFIERS

Site ID 1958 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 392636N
State Colorado Longitude 1060228W

Quad Code Quad Name
39106-D1 Breckenridge

County
Summit (CO)

Watershed Code Watershed Name
14010002 Blue

SITE DESCRIPTION

Minimum Elevation	9,880.00	Feet	3,011.00	Meters
Maximum Elevation	10,000.00	Feet	3,048.00	Meters

Site Description

The Goose Pasture wetland is located directly south (upstream) of Goose Pasture Tarn. The site is located in a glaciated valley between the Tenmile Range to the west and Boreas Pass to the east. The Blue River meanders through the wetland creating several riverlets and ponds. There are numerous, active beaver ponds within the wetland, as well as natural depressions. There are several kettle ponds interspersed in the spruce - fir uplands that support submerged vegetation. The site is approximately 700 acres and ranges in elevation from 2,964 m (9,880 ft.) to 3,000 m (10,000 ft.). The main portion of the site is bordered to the west by Highway 9 and to the east by subdivisions. The kettle ponds (glacial ice depressions) are located west above Goose Pasture Tarn within the Spruce Creek subdivision. The Town of Blue River is located adjacent to the wetland. There is no grazing within the site. There is little pedestrian traffic or fishing within the wetland.

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 12/10/1997

Designer Culver, D.R.

Boundary Justification

The boundary is drawn to encompass the elements and provide a buffer of at least 1,000 ft. The boundary includes the wetlands and the kettle ponds located to the west upslope of the wetland. A buffer zone is intended to protect the elements from immediate impacts such as development and road expansion operations. A much larger area should be considered in any long-term management or protection plan to protect the hydrology.

Primary Area 586.71 Acres 237.43 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The Goose Pasture wetland supports excellent (A-ranked) examples of a montane riparian willow carr (*Salix*

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drummondiana / mesic forb) and an alpine willow scrub (*Salix brachycarpa* / mesic forb). It is the most extensive willow carr observed on private lands in Summit County. A good (B-ranked) example of a floating / submergent palustrine (freshwater marsh) wetland (*Nuphar luteum* ssp. *polysepalum*) is located upslope of the riverine wetland. A historical record (1961) for the state endangered southern Rocky Mountain boreal toad (*Bufo boreas boreas*) was documented within the site. It was searched for the boreal toad in 1997, but none were observed.

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 Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>			
17073	<i>Nuphar lutea</i> ssp. <i>polysepalum</i> Herbaceous Vegetation	Western Slope Floating/Submergent Palustrine Wetlands	G5	S3	No
24806	<i>Salix brachycarpa</i> / Mesic Forbs Shrubland	Alpine Willow Scrub	G4	S4	Yes
24961	<i>Salix drummondiana</i> / Mesic Forbs Shrubland	Drummonds Willow/Mesic Forb	G4	S4	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
165258	Culver, D.R. 1997. Colorado Natural Heritage Program Wetland Assessments for the 1997 Summit County Wetlands Inventory.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date 12/10/1997
Version Author Culver, D.R.

Disclaimer

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