

Level 4 Potential Conservation Area (PCA) Report

Name Glacier Basin

Site Code S.USCOHP*597

IDENTIFIERS

Site ID 1429 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 401746N
State Colorado Longitude 1053828W

<u>Quad Code</u>	<u>Quad Name</u>
40105-C5	Longs Peak
40105-C6	McHenrys Peak

County

Larimer (CO)
Grand (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
14010001	Colorado headwaters
10190005	St. Vrain
10190006	Big Thompson

SITE DESCRIPTION

Minimum Elevation	8,585.00	Feet	2,616.71	Meters
Maximum Elevation	13,300.00	Feet	4,053.84	Meters

Site Description

The site is a glacially carved basin in Rocky Mountain National Park. The area includes an extensive gradation of native vegetation and includes a large number of globally and state rare species.

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 09/12/1994
Designer Pague, C.A.

Boundary Justification

Includes all of the known occurrences and appropriate buffers to include all extant ecological processes. Since the area is a heavily visited part of Rocky Mountain National Park, the site boundary will not in and of itself provide protection for the elements. Extensive management and monitoring will be necessary.

Primary Area	12,277.03	Acres	4,968.36	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site includes many occurrences of several rare and imperiled plants and animals including excellent (A-ranked) occurrences of a globally imperiled (G2/S2) plant species, Rocky Mountain cinquefoil (*Potentilla rupincola*).

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 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>			
24402	<i>Dryopteris expansa</i>	spreading wood fern	G5	S1	No
22785	<i>Botrychium hesperium</i>	western moonwort	G4	S2	No
20475	<i>Botrychium echo</i>	reflected moonwort	G3	S3	No
24402	<i>Dryopteris expansa</i>	spreading wood fern	G5	S1	No
23966	<i>Botrychium minganense</i>	Mingan's moonwort	G4	S2	No
22785	<i>Botrychium hesperium</i>	western moonwort	G4	S2	No
18213	<i>Calamagrostis canadensis</i> Western Herbaceous Vegetation	Montane Wet Meadows	G4	S4	No
19580	<i>Potentilla rupincola</i>	Rocky Mountain cinquefoil	G2	S2	Yes
17861	<i>Listera convallarioides</i>	broad-leaved twayblade	G5	S2	No
18092	<i>Aquilegia saximontana</i>	Rocky Mountain columbine	G3	S3	No
24743	<i>Alnus incana</i> - <i>Salix drummondiana</i> Shrubland	Montane Riparian Shrubland	G3	S3	No
24473	<i>Salix drummondiana</i> / <i>Calamagrostis canadensis</i> Shrubland	Lower Montane Willow Carrs	G3	S3	No
19580	<i>Potentilla rupincola</i>	Rocky Mountain cinquefoil	G2	S2	Yes
16680	<i>Oncorhynchus clarkii stomias</i>	Greenback Cutthroat Trout	G4T2T3	S2	No
21544	<i>Botrychium multifidum</i>	leathery grape fern	G5	S1	No
18092	<i>Aquilegia saximontana</i>	Rocky Mountain columbine	G3	S3	No
22774	<i>Parnassia kotzebuei</i>	Kotzebue's grass-of-parnassus	G5	S2	No
24480	<i>Abies lasiocarpa</i> / <i>Mertensia ciliata</i> Forest	Montane Riparian Forests	G5	S5	No
24402	<i>Dryopteris expansa</i>	spreading wood fern	G5	S1	No
16921	<i>Isoetes setacea</i> ssp. <i>muricata</i>	spiny-spored quillwort	G5?T5?	S2	No
17086	<i>Juncus vaseyi</i>	Vasey bulrush	G5?	S1	No
24402	<i>Dryopteris expansa</i>	spreading wood fern	G5	S1	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Version Date	09/12/1994
Version Author	Pague, C.A.

Disclaimer

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