

# Level 4 Potential Conservation Area (PCA) Report

Name Highland Mary Lakes

Site Code S.USCOHP\*26195

## IDENTIFIERS

Site ID 2345 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 374540N  
State Colorado Longitude 1073452W

Quad Code Quad Name  
37107-G5 Howardsville

County  
San Juan (CO)

Watershed Code Watershed Name  
14080104 Animas

## SITE DESCRIPTION

Minimum Elevation - Feet - Meters  
Maximum Elevation - Feet - Meters

### Site Description

The site encompasses six connected high alpine lakes and adjacent wetlands, riparian shrubland and dry tundra.

### 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 11/11/2005  
Designer Lyon, M.J.

### Boundary Justification

The boundary is drawn to include two rare plant occurrences and additional potential habitat.

Primary Area 732.03 Acres 296.24 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

### Biodiversity Significance Comments

The site supports a good (B-ranked) occurrence of San Juan whitlow-grass (*Draba graminea*), a globally imperiled (G2/S2) plant. There are also good (B-ranked) occurrences of Altai cottongrass (*Eriophorum altaicum* var. *neogaeum*), a vulnerable (T3T4/S3) taxon and the globally secure (G4/S4) alpine wetland, *Cardamine cordifolia* - *Mertensia ciliata*.

Other Values Rank No Data

### Other Values Comments

No Data

## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

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## 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>
21874	<i>Eriophorum altaicum</i> var. <i>neogaeum</i>	Altai cottongrass	G4?T3T4	S3	No
24679	<i>Cardamine cordifolia</i> - <i>Mertensia ciliata</i> Herbaceous Vegetation	Alpine Wetlands	G4	S4	No
17247	<i>Draba graminea</i>	San Juan whitlow-grass	G2	S2	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
194256	Lyon, P. and J. Hanson. 2006. Final Report: 2005 Rare Plant Survey of San Juan Public Lands, Colorado. Colorado Natural Heritage Program, Fort Collins, CO.

### ADDITIONAL TOPICS

#### Additional Topics

No Data

### VERSION

<b>Version Date</b>	11/11/2005
<b>Version Author</b>	Lyon, M.J.

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