

Level 4 Potential Conservation Area (PCA) Report

Name Irish Canyon

Site Code S.USWRO1*596

IDENTIFIERS

Site ID 1990 **Site Class** PCA
Site Alias Ink Springs
Site Alias Irish Canyon Macrosite
Site Alias Irish Canyon Ridge
Site Alias Irish Lakes
Site Alias Limestone Ridge

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** 404933N
State Colorado **Longitude** 1084402W

Quad Code Quad Name

40108-G6	Irish Canyon
40108-G7	Big Joe Basin
40108-H7	Sparks
40108-F6	Vermillion Mesa

County

Moffat (CO)

Watershed Code Watershed Name

14040109	Vermilion
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SITE DESCRIPTION

Minimum Elevation	7,499.00	Feet	2,285.70	Meters
Maximum Elevation	8,500.00	Feet	2,590.80	Meters

Site Description

This site is a ridgetop of the Weber formation with 0-20 degree sandstone slopes at 7,499-8,500 ft.

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** 09/25/1996
Designer Loar, A.M.

Boundary Justification

This site includes all known occurrences and a buffer zone to protect from direct disturbances. It includes and extends the boundaries of the Limestone Ridge Designated NA and Irish Canyon DNA.

Primary Area	19,651.66	Acres	7,952.77	Hectares
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SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site includes 32 element occurrences and 15 species or significant plant communities. The most significant elements include an excellent (A-ranked) occurrence of the globally vulnerable (G3/S1) mountain clover (*Trifolium andinum*), an excellent (A-ranked) occurrence of the globally vulnerable (G3/S2) ligulate feverfew (*Bolophyta ligulata*), an excellent to good (AB-ranked) occurrence of the globally vulnerable (G3/S3) *Pinus edulis* - *Juniperus osteosperma* / *Cercocarpus intricatus* woodland community and a good (B-ranked)

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occurrence of a globally vulnerable (G3?/S2?) *Artemisia nova* / *Hesperostipa comata* shrubland community.

The concentration of 4 or more excellent and good occurrences of globally vulnerable elements merits the very high biodiversity significance rank assigned to this site.

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 State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
24714	<i>Artemisia nova</i> / <i>Hesperostipa comata</i> Shrubland	Western Slope Sagebrush Shrublands	G3?	S2?	Yes
21905	<i>Oreocarya caespitosa</i>	Caespitose cat's-eye	G4	S2	No
24616	<i>Cercocarpus ledifolius</i> / <i>Pseudoroegneria spicata</i> Shrubland	Mixed Mountain Shrublands	G4Q	S2	No
24616	<i>Cercocarpus ledifolius</i> / <i>Pseudoroegneria spicata</i> Shrubland	Mixed Mountain Shrublands	G4Q	S2	No
24309	<i>Eriogonum tumulosum</i>	woodside buckwheat	G3Q	S2	No
24881	<i>Pinus edulis</i> / <i>Pseudoroegneria spicata</i> Woodland	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
23377	<i>Draba oligosperma</i>	woods draba	G5	S2	No
20145	<i>Pascopyrum smithii</i> Herbaceous Vegetation	Western Slope Grasslands	G3G5Q	S2	No
40649	<i>Cercocarpus ledifolius</i> / <i>Artemisia tridentata</i> ssp. <i>vaseyana</i> Woodland		G3	SNR	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Yampa beardtongue	G3Q	S3	No
23470	<i>Tamias dorsalis</i>	Cliff Chipmunk	G5	S2	No
24584	<i>Artemisia nova</i> / <i>Pseudoroegneria spicata</i> Shrubland	Western Slope Sagebrush Shrublands	G4G5	S2?	No
24881	<i>Pinus edulis</i> / <i>Pseudoroegneria spicata</i> Woodland	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Yampa beardtongue	G3Q	S3	No
23998	<i>Bolophyta ligulata</i>	ligulate feverfew	G3	S2	No
23998	<i>Bolophyta ligulata</i>	ligulate feverfew	G3	S2	No
24584	<i>Artemisia nova</i> / <i>Pseudoroegneria spicata</i> Shrubland	Western Slope Sagebrush Shrublands	G4G5	S2?	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Yampa beardtongue	G3Q	S3	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Yampa beardtongue	G3Q	S3	No
24829	<i>Pinus edulis</i> - <i>Juniperus osteosperma</i> / <i>Cercocarpus intricatus</i> Woodland	Mesic Western Slope Pinyon-Juniper Woodlands	G3	S3	Yes
24881	<i>Pinus edulis</i> / <i>Pseudoroegneria spicata</i> Woodland	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
23998	<i>Bolophyta ligulata</i>	ligulate feverfew	G3	S2	No
24309	<i>Eriogonum tumulosum</i>	woodside buckwheat	G3Q	S2	No
21905	<i>Oreocarya caespitosa</i>	Caespitose cat's-eye	G4	S2	No
24881	<i>Pinus edulis</i> / <i>Pseudoroegneria spicata</i> Woodland	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No

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24309	<i>Eriogonum tumulosum</i>	woodside buckwheat	G3Q	S2	No
19115	<i>Pseudoroegneria spicata</i> Herbaceous Vegetation	Western Slope Grasslands	G2	S2?	No
17163	<i>Trifolium andinum</i>	mountain clover	G3	S1	No
19115	<i>Pseudoroegneria spicata</i> Herbaceous Vegetation	Western Slope Grasslands	G2	S2?	No

REFERENCES

Reference ID	Full Citation
-	No Data

ADDITIONAL TOPICS

Additional Topics
No Data

VERSION

Version Date	09/25/1996
Version Author	Loar, A.M.

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