

Conservation Site Report

Name Ace-in-the-Hole Draw

Site Code S.USCOHP*813

IDENTIFIERS

Site ID 1823 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H3 Powder Wash

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
011N097W	03	6P	
011N097W	04	6P	
011N097W	10	6P	
011N097W	15	6P	
011N097W	16	6P	
011N097W	21	6P	
011N097W	22	6P	
011N097W	28	6P	
012N097W	33	6P	
012N097W	34	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Cathedral Bluffs member of the Wasatch formation on quaternary alluvium.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,284.68 Acres 519.89 Hectares

SITE SIGNIFICANCE

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Ace-in-the-Hole Draw

Site Code S.USCOHP*813

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a fair (C-ranked) occurrence of a globally imperiled (G2G3S1) natural community and an unranked occurrence of a globally imperiled (G2S2) plant species..

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
22405	<i>Astragalus nelsonianus</i>	Nelson Milkvetch	G3	S1	No
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	No
24677	<i>ARTEMISIA TRIDENTATA SSP. TRIDENTATA/LEYMUS CINEREUS</i>	Sagebrush Bottomland Shrublands	G2	S1	Yes

REFERENCES

Reference ID **Full Citation**

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Aiger Shallows

Site Code S.USCOHP*4619

IDENTIFIERS

Site ID 1372 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F3 Slide Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

009N088W

28

009N088W

33

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of willow-lined beaver ponds at 7200 feet in elevation.

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 06/01/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the occurrence from direct disturbances.

Primary Area 250.17 Acres 101.24 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

An historical occurrence of a state rare (G5T4S2) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Aiger Shallows

Site Code S.USCOHP*4619

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 06/01/1996

Version Author Loar, A.M.

Conservation Site Report

Name Bassett Spring

Site Code S.USCOHP*808

IDENTIFIERS

Site ID 1486 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
010N102W	01	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

This site consists of a small drainage area with several springs included upstream of occurrence.

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

The boundary includes the known occurrence and a buffer zone to protect from direct disturbances.

Primary Area 79.94 Acres 32.35 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

A "B" ranked occurrence of a G2 element.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Conservation Site Report

Name Bassett Spring

Site Code S.USCOHP*808

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Beaver Slide Draw

Site Code S.USCOHP*814

IDENTIFIERS

Site ID 1939 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H3 Powder Wash

40108-H4 Coffeepot Spring

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

012N098W	25	6P	
----------	----	----	--

012N098W	26	6P	
----------	----	----	--

012N098W	27	6P	
----------	----	----	--

012N098W	34	6P	
----------	----	----	--

012N098W	35	6P	
----------	----	----	--

012N098W	36	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Laney member of the Green River formation.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,033.47 Acres 418.23 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good to fair occurrence of a globally critically imperiled (G1G2 S1S1) natural community.

Conservation Site Report

Name Beaver Slide Draw

Site Code S.USCOHP*814

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24677	ARTEMISIA TRIDENTATA SSP. TRIDENTATA/LEYMUS CINEREUS	Sagebrush Bottomland Shrublands	G2	S1	No
24522	ATRIPLEX CONFERTIFOLIA/PSEUDOROEGNERIA SPICATA	Cold Desert Shrublands	G3	S2S3	No
24878	ATRIPLEX CONFERTIFOLIA/STIPA COMATA	Cold Desert Shrublands	G2	S1S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Black Meadow

Site Code S.USCOHP*4618

IDENTIFIERS

Site ID 1223 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F3 Slide Mountain

County

Moffat (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

008N089W

01

008N089W

02

008N089W

11

008N089W

12

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located at 7200 feet in elevation and is dominated within a shrub habitat.

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 06/01/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the occurrence from direct disturbances.

Primary Area 695.60 Acres 281.50 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

An unranked occurrence of a globally vulnerable (G4T3) subspecies.

Other Values Rank No Data

Conservation Site Report

Name Black Meadow

Site Code S.USCOHP*4618

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	21307	<i>Tympanuchus phasianellus columbianus</i>	Columbian Sharp-tailed Grouse	G4T3	S2	Yes

REFERENCES

Reference ID

Full Citation

-

No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 06/01/1996

Version Author Loar, A.M.

Conservation Site Report

Name Boston Hill

Site Code S.USCOHP*772

IDENTIFIERS

Site ID 385 Site Class Standard site

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

Site Relations Contained within the Middle Yampa River PCA (S.USCOHP*7521).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E2 Sunbeam

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

007N096W

14

6P

007N096W

15

6P

007N096W

21

6P

007N096W

22

6P

007N096W

23

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes a gravel river terrace with sandy soils and in association with Artemisia, Chrysothamnus, Phlox, Castelleja, and Opuntia.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 351.11 Acres 142.09 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

An unranked occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Conservation Site Report

Name Boston Hill

Site Code S.USCOHP*772

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name Browns Draw

Site Code S.USCOHP*777

IDENTIFIERS

Site ID 135 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E6 Greystone

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

007N101W	13	6P	
----------	----	----	--

007N101W	24	6P	
----------	----	----	--

007N101W	25	6P	
----------	----	----	--

007N100W	19	6P	
----------	----	----	--

007N100W	30	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Silty, sandy soils.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 466.74 Acres 188.88 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on an extant occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Conservation Site Report

Name Browns Draw

Site Code S.USCOHP*777

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name Browns Park North

Site Code S.USCOHP2*1638

IDENTIFIERS

Site ID 890 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40109-G1 Swallow Canyon

40109-H1 Willow Creek Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

010N103W 06 6P

011N103W 30 6P

011N103W 31 6P

011N104W 25 6P

011N104W 36 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 02/05/1997

Designer Loar, A.M.

Boundary Justification

The site contains the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 582.87 Acres 235.88 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A good (B-ranked) occurrence of a state rare (G4S3) plant community.

Other Values Rank No Data

Conservation Site Report

Name Browns Park North

Site Code S.USCOHP2*1638

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24872	<i>SALIX EXIGUA/MESIC GRAMINOID</i>	Coyote Willow/Mesic Graminoid	G5	S5	No
22403	<i>CAREX NEBRASCENSIS</i>	Wet Meadows	G4	S3	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 02/05/1997

Version Author Loar, A.M.

Conservation Site Report

Name Buffham Place

Site Code S.USCOHP*6608

IDENTIFIERS

Site ID 85 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Canyon of Lodore PCA (S.USCOHP*793) and the Yampa River in Dinosaur megasites (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E8 Canyon of Lodore South

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

14040106 Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

008N102W 31 6P

008N102W 32 6P

007N102W 05 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Uinta Mountain Group on red sandstone soil and in association with *Pinus edulis*, *Heterotheca*, *Sedum*, *Danthonia*, and *Gutierrezia*.

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 01/15/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 340.99 Acres 138.00 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site supports an excellent (A-ranked) occurrence of a state rare (G4T? S2) subspecies.

Other Values Rank No Data

Conservation Site Report

Name Buffham Place

Site Code S.USCOHP*6608

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	22147	<i>Penstemon scariosus</i> var. <i>cyanomontanus</i>	Plateau Penstemon	G4T2	S2	Yes

REFERENCES

Reference ID

Full Citation

-

No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/15/1997

Version Author Loar, A.M.

Conservation Site Report

Name Bull Canyon at Big Joe Basin

Site Code S.USCOHP*806

IDENTIFIERS

Site ID 1977 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
009N101W	04	6P	
009N101W	05	6P	
009N101W	06	6P	
009N101W	07	6P	
009N101W	08	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of a 30 degree sideslope of the Brown Park formation with a N to NW aspect.

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

The boundary includes all known occurrences with a buffer zone to protect from direct disturbances.

Primary Area 684.88 Acres 277.16 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

An "A" ranked occurrence of a G3 element.

Other Values Rank No Data

Conservation Site Report

Name Bull Canyon at Big Joe Basin

Site Code S.USCOHP*806

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	Yes
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	Yes
24584	ARTEMISIA NOVA/PSEUDOROEGNERIA SPICATA	Western Slope Sagebrush Shrublands	G4G5	S2?	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24584	ARTEMISIA NOVA/PSEUDOROEGNERIA SPICATA	Western Slope Sagebrush Shrublands	G4G5	S2?	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Bull Canyon Knob

Site Code S.USCOHP*807

IDENTIFIERS

Site ID 1494 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N101W

32

6P

010N101W

33

6P

009N101W

04

6P

009N101W

05

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on gypiferous shale and is in association with *Penstemon acaulis* var. *yampaensis*, *Stenotus acaulis*, *Antennaria*, *Astragalus*, *Artemesia*, and asters.

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 11/06/1996

Designer Loar, A.M.

Boundary Justification

The site includes all known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 161.71 Acres 65.44 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Unranked occurrences of globally vulnerable (G3S2) elements.

Other Values Rank No Data

Conservation Site Report

Name Bull Canyon Knob

Site Code S.USCOHP*807

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	No
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 11/06/1996

Version Author Loar, A.M.

Conservation Site Report

Name Cedar Springs Draw

Site Code S.USCOHP*742

IDENTIFIERS

Site ID 1153 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D3 Cross Mountain Canyon

40108-D2 Cedar Knob

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

Township/Range Section Meridian Note

006N097W 23 6P

006N097W 24 6P

006N097W 25 6P

006N097W 26 6P

006N097W 27 6P

006N097W 33 6P

006N097W 34 6P

006N097W 35 6P

005N097W 03 6P

005N097W 04 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on sand hills and in association with Artemisia, Purshia, Chrysothamnus, Oryzopsis, and Erysium.

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 12/17/1996

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbance.

Conservation Site Report

Name Cedar Springs Draw

Site Code S.USCOHP*742

Primary Area 1,777.51 Acres 719.34 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Extant occurrences of state rare elements.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
20295	<i>Oxytropis besseyi</i> var. <i>obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
20295	<i>Oxytropis besseyi</i> var. <i>obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
20295	<i>Oxytropis besseyi</i> var. <i>obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/17/1996

Version Author Loar, A.M.

Conservation Site Report

Name Chicken Springs

Site Code S.USCOHP*5824

IDENTIFIERS

Site ID 3 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E7 Zenobia Peak

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

14050002 Lower Yampa

Township/Range Section Meridian Note

007N102W

01

6P

007N102W

02

6P

008N102W

35

6P

008N102W

36

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on sandstone with ponderosa pine and Artemisia tridentata.

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 09/24/1996

Designer Fayette, K.K.

Boundary Justification

The boundary includes the known occurrences and at least a 500 foot buffer to protect the site from direct disturbances. The road is considered a population barrier and is part of the boundary.

Primary Area 200.17 Acres 81.01 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

An excellent to good (AB-ranked) occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Conservation Site Report

Name Chicken Springs

Site Code S.USCOHP*5824

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
22147	<i>Penstemon scariosus</i> var. <i>cyanomontanus</i>	Plateau Penstemon	G4T2	S2	No
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/24/1996

Version Author Fayette, K.K.

Conservation Site Report

Name Deception Creek

Site Code S.USCOHP*747

IDENTIFIERS

Site ID 1858 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D2 Cedar Knob

40108-D1 Juniper Mountain

County

Moffat (CO)

Watershed Code Watershed Name

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
005N096W	01	6P	
005N096W	11	6P	
005N096W	12	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on a quaternary alluvium stream floodplain at 6200 feet in elevation.

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 12/17/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 421.55 Acres 170.60 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair to good occurrence of a plant community which is imperiled on a global scale.

Other Values Rank No Data

Other Values Comments

No Data

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Deception Creek

Site Code S.USCOHP*747

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
24677	ARTEMISIA TRIDENTATA SSP. TRIDENTATA/LEYMUS CINEREUS	Sagebrush Bottomland Shrublands	G2	S1	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/17/1996

Version Author Loar, A.M.

Conservation Site Report

Name Dry Creek at Irish Canyon

Site Code S.USCOHP*804

IDENTIFIERS

Site ID 319 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G6 Irish Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N100W

16

6P

010N100W

20

6P

010N100W

21

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

This site consists of a clay loam Cathedral Bluffs tongue of the Wasatch formation. On these 3-20 degree slopes the associated taxa are as follows: elymus, atriplex, and oryopsis at 6200 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

The boundary includes the known occurrence and a buffer zone to protect direct disturbances.

Primary Area 167.17 Acres 67.65 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

An "A" ranked occurrence of a globally imperiled (G2S1) element.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Dry Creek at Irish Canyon

Site Code S.USCOHP*804

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
22893	<i>Cymopterus duchesnensis</i>	Uinta Basin Spring-parsley	G3	S1	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Dry Creek at Powder Wash

Site Code S.USCOHP*7463

IDENTIFIERS

Site ID 1661 Site Class Standard site

Site Alias Dry Creek

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H4 Coffeepot Spring

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N099W

01

011N099W

02

012N099W

36

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes the Cathedral Bluffs member of the Wasatch formation at 6850 feet in elevation on very reddish soils.

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 02/25/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 63.29 Acres 25.61 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good to fair occurrence of a globally vulnerable (G3S2) natural community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Dry Creek at Powder Wash

Site Code S.USCOHP*7463

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
24864	<i>ATRIPLEX GARDNERI</i> / <i>ORYZOPSIS</i> <i>HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 02/25/1997

Version Author Loar, A.M.

Conservation Site Report

Name Dry Meadow

Site Code S.USCOHP*4615

IDENTIFIERS

Site ID 15 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F2 Quaker Mountain

40107-E2 Hooker Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

Township/Range Section Meridian Note

008N087W	19		
008N087W	30		
008N088W	23		
008N088W	24		
008N088W	25		
008N088W	26		

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 06/01/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the occurrence from direct disturbances. The site is located within a meadow near a creek at 7000 feet in elevation. There is a clearing in the shrub on top of a knoll.

Primary Area 559.52 Acres 226.43 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Conservation Site Report

Name Dry Meadow

Site Code S.USCOHP*4615

Biodiversity Significance Comments

An unranked occurrence of a globally vulnerable (G4T3) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
21307	<i>Tympanuchus phasianellus columbianus</i>	Columbian Sharp-tailed Grouse	G4T3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 06/01/1996

Version Author Loar, A.M.

Conservation Site Report

Name East Boone Draw

Site Code S.USCOHP*773

IDENTIFIERS

Site ID 24 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E4 Lone Mountain

40108-F4 Clay Buttes

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

008N098W	16	6P	
----------	----	----	--

008N098W	17	6P	
----------	----	----	--

008N098W	19	6P	
----------	----	----	--

008N098W	20	6P	
----------	----	----	--

008N098W	21	6P	
----------	----	----	--

008N098W	27	6P	
----------	----	----	--

008N098W	28	6P	
----------	----	----	--

008N098W	29	6P	
----------	----	----	--

008N098W	30	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes sandy soils on the Browns Park formation and in association with *Artemisia tridentata*, *Juniperus osteosperma*, *Poa*, *Lupinus*, and *Astragalus*.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,956.08 Acres 791.60 Hectares

SITE SIGNIFICANCE

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name East Boone Draw

Site Code S.USCOHP*773

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site supports a fair occurrence of a globally vulnerable (G3QS3) plant species and an unranked occurrence of a globally imperiled (G5T2S2) plant subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
20295	<i>Oxytropis besseyi</i> var. <i>obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	No

REFERENCES

Reference ID **Full Citation**

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name Elkhead Creek

Site Code S.USCOHP2*2699

IDENTIFIERS

Site ID 271 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F2 Quaker Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

009N088W

26

6P

009N088W

35

6P

009N088W

36

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 01/12/1995

Designer Ellingson, A.R.

Boundary Justification

The boundary encompasses the nest site and the surrounding contiguous breeding and foraging habitat, as well as a 500 foot forested buffer. This should be adequate to prevent direct disturbance to the nest and fledglings.

Primary Area 657.89 Acres 266.24 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

Biodiversity rank is based on a historical occurrence of a state rare breeder.

Other Values Rank No Data

Conservation Site Report

Name Elkhead Creek

Site Code S.USCOHP2*2699

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data
Version Date 01/12/1995
Version Author Ellingson, A.R.

Conservation Site Report

Name Elkhead Creek at Aigner Mountain

Site Code S.USCOHP*5806

IDENTIFIERS

Site ID 1448 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F3 Slide Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

008N088W

04

008N088W

05

008N088W

07

008N088W

08

008N088W

18

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Site is located along Elkhead Creek in a steep, narrow canyon.

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 Culver, D.R.

Boundary Justification

The boundary encompasses the element and a buffer upslope to protect against direct disturbances.

Primary Area 308.68 Acres 124.92 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair occurrence of a plant community which is vulnerable on a global scale.

Other Values Rank No Data

Conservation Site Report

Name Elkhead Creek at Aigner Mountain

Site Code S.USCOHP*5806

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24773	ALNUS INCANA-CORNUS SERICEA	Thinleaf Alder-Red-osier Dogwood Riparian Shrubland	G3Q	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Culver, D.R.

Conservation Site Report

Name Fonce Flat

Site Code S.USCOHP*821

IDENTIFIERS

Site ID 1935 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H7 Sparks

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

012N101W

17

6P

012N101W

18

6P

012N101W

20

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Niland Tongue member of the Wasatch formation on a gently rolling plateau above a creek.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known natural community and a buffer to protect the site from direct disturbances.

Primary Area 327.78 Acres 132.65 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a fair (C-ranked) occurrence of a globally vulnerable (G3S2) natural community.

Other Values Rank No Data

Conservation Site Report

Name Fonce Flat

Site Code S.USCOHP*821

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Fourmile Creek Mudspring Draw

Site Code S.USCOHP*1332

IDENTIFIERS

Site ID 1697 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-H5 Fortification NE

40107-G5 Fortification

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

Township/Range Section Meridian Note

010N091W	01	6P	
010N091W	12	6P	
011N091W	02	6P	
011N091W	11	6P	
011N091W	12	6P	
011N091W	13	6P	
011N091W	14	6P	
011N091W	23	6P	
011N091W	24	6P	
011N091W	25	6P	
011N091W	26	6P	
011N091W	35	6P	
011N091W	36	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on a flat floodplain of quaternary alluvium and eolian sand from the Holocene/Pleistocene at 6500 feet in elevation and in association with *Salix lasiandra*, and *Carex* spp.

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 12/09/1996

Designer Loar, A.M.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Fourmile Creek Mudspring Draw

Site Code S.USCOHP*1332

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbance and allow for longitudinal riparian movement.

Primary Area 2,047.84 Acres 828.73 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A good occurrence of a globally vulnerable (G3Q) natural community.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Grazing up and downstream.

Information Needs

No Data

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>
16815	<i>SALIX LUCIDA SSP. CAUDATA</i>	Montane Riparian Shrubland	G3Q	S2S3	No
24986	<i>ARTEMISIA CANA-PURSHIA TRIDENTATA</i>	Western Slope Sagebrush Shrublands	G3	S2S3	No
22403	<i>CAREX NEBRASCENSIS</i>	Wet Meadows	G4	S3	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/09/1996

Version Author Loar, A.M.

Conservation Site Report

Name Freeman Creek

Site Code S.USCOHP*4625

IDENTIFIERS

Site ID 1750 Site Class Standard site

Site Alias Willow Creek

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-G4 Freeman Reservoir

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
010N089W	05		
010N089W	06		
010N089W	07		
010N089W	08		
010N089W	17		
010N089W	20		
010N090W	01		
011N089W	31		
011N090W	35		
011N090W	36		

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes a stream at 8600 feet in elevation.

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 06/01/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the occurrence from direct disturbances.

Primary Area 1,121.10 Acres 453.69 Hectares

SITE SIGNIFICANCE

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Freeman Creek

Site Code S.USCOHP*4625

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

An unranked occurrence of a globally vulnerable (G4T3) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 06/01/1996

Version Author Loar, A.M.

Conservation Site Report

Name G Gap

Site Code S.USWRO1*1492

IDENTIFIERS

Site ID 699 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G6 Irish Canyon

40108-G5 G Spring

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

14050003 Little Snake

Township/Range Section Meridian Note

010N100W 26 6P

010N100W 27 6P

010N100W 34 6P

010N100W 35 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of 0-15% slopes on loney member of the Green River formation at 6720-6980 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

The boundary includes all known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 556.80 Acres 225.33 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on an excellent (A-ranked) occurrence of a globally imperiled (G2S1) plant species.

Other Values Rank No Data

Conservation Site Report

Name G Gap

Site Code S.USWRO1*1492

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24470	ARTEMISIA TRIDENTATA SSP. WYOMINGENSIS/PSEUDOROEGNERIA SPICATA	Xeric Sagebrush Shrublands	G4	S3?	No
22893	<i>Cymopterus duchesnensis</i>	Uinta Basin Spring-parsley	G3	S1	Yes
24881	PINUS EDULIS/PSEUDOROEGNERIA SPICATA	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name G Gap Southwest

Site Code S.USCOHP*902

IDENTIFIERS

Site ID 800 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G6 Irish Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
010N100W	32	6P	
010N100W	33	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Cathedral Bluffs member of the Green River formation on silty, sandy soils and in association with Astragalus, Penstemon, and Leptodactylon.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 232.16 Acres 93.95 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on an extant occurrence of a globally imperiled (G2S1) plant species.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name G Gap Southwest

Site Code S.USCOHP*902

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
22893	<i>Cymopterus duchesnensis</i>	Uinta Basin Spring-parsley	G3	S1	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Gates of Lodore

Site Code S.USCOHP*792

IDENTIFIERS

Site ID 1768

Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID

NCA Site Code

NCA Site Name

606

S.USCOHP*749

Yampa River in Dinosaur

Site Relations Overlaps the Canyon of Lodore site (S.USCOHP*793) and the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-F8 Canyon of Lodore North

40108-F7 Jack Springs

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

009N102W 20 6P

009N102W 21 6P

009N102W 28 6P

009N102W 29 6P

SITE DESCRIPTION

Minimum Elevation - **Feet** - **Meters**

Maximum Elevation - **Feet** - **Meters**

Site Description

The site is located on the Browns Park formation with sandy soils and in association with *Stipa comata*, *Aristida*, *Juniperus*, *Cryptantha flava*, *Oryzopsis*, *Hilaria*, *Penstemon*, and *Euphorbia*.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 919.46 **Acres** 372.09 **Hectares**

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports an excellent (A-ranked) occurrence of a globally vulnerable (G3S2) plant species as well as

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Gates of Lodore

Site Code S.USCOHP*792

two good (B-ranked) occurrences of a globally imperiled (G5T2/S2) plant subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
20295	<i>Oxytropis besseyi var. obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	Yes
20295	<i>Oxytropis besseyi var. obnapiformis</i>	Bessey Locoweed	G5T2	S2	No
23982	<i>Astragalus duchesnensis</i>	Duchesne Milkvetch	G3	S1S2	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Good Spring Creek

Site Code S.USCOHP*5812

IDENTIFIERS

Site ID 1360 Site Class Standard site

Site Alias Good Spring Creek

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-B7 Ninemile Gap

40107-C7 Axial

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

003N093W	01		
003N093W	02		
003N093W	11		
003N093W	12		
003N093W	14		

SITE DESCRIPTION

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

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

Site Description

Site is a narrow riparian area adjacent to Good Spring Creek. It is bordered to the east and west by steep hillsides. Site is bisected by Hwy 13/789.

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 09/26/1996

Designer Culver, D.R.

Boundary Justification

The boundary encompasses the narrow valley for one mile to provide a buffer from direct disturbances.

Primary Area	267.49	Acres	108.25	Hectares
---------------------	--------	--------------	--------	-----------------

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Two good occurrences of globally secure plant communities. Although globally common, the occurrences represent the best examples of these elements in Moffat County, CO.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Good Spring Creek

Site Code S.USCOHP*5812

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
18795	CAREX UTRICULATA	Beaked Sedge Montane Wet Meadows	G5	S4	No
24872	SALIX EXIGUA/MESIC GRAMINOID	Coyote Willow/Mesic Graminoid	G5	S5	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/26/1996

Version Author Culver, D.R.

Conservation Site Report

Name Hackings Draw

Site Code S.USCOHP*826

IDENTIFIERS

Site ID 922 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40109-E1 Jones Hole

County

Moffat (CO)

Watershed Code Watershed Name

14060001 Lower Green-Diamond

Township/Range Section Meridian Note

007N103W 06 6P

007N103W 07 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located in a limestone valley with unstable rocky, silty clay soils and in association with Juncus, Rosa, Glyceria, Poa, and Juniperus.

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 02/05/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 165.92 Acres 67.14 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site supports an excellent occurrence of a globally vulnerable (G3S2) plant species.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Hackings Draw

Site Code S.USCOHP*826

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
17396	<i>Cirsium ownbeyi</i>	Ownbey's Thistle	G3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 02/05/1997

Version Author Loar, A.M.

Conservation Site Report

Name Hanging Tree Draw at G Flats

Site Code S.USCOHP*819

IDENTIFIERS

Site ID 405 Site Class Standard site

Site Alias Hanging Tree Draw

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H7 Sparks

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N102W

01

6P

011N102W

02

6P

011N102W

11

6P

011N102W

12

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Wikins Peak member of the Green River formation and in association with Artemisia nova and Agropyron spicatum.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 223.11 Acres 90.29 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A good (B-ranked) occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Conservation Site Report

Name Hanging Tree Draw at G Flats

Site Code S.USCOHP*819

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Hells Canyon

Site Code S.USWRO1*345

IDENTIFIERS

Site ID 155 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H5 Hiawatha

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

012N099W

16

6P

012N099W

17

6P

012N099W

20

6P

012N099W

21

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes the Tipton member of the Green River formation with whitish, silty soils and in association with Eriogonum acuale, Haplopappus, Agropyron, and Atriplex.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 221.50 Acres 89.64 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Biodiversity rank is based on a good (B-ranked) occurrence of a globally vulnerable natural community.

Other Values Rank No Data

Conservation Site Report

Name Hells Canyon

Site Code S.USWRO1*345

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Hiawatha

Site Code S.USCOHP*818

IDENTIFIERS

Site ID 1375 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H6 Sugarloaf Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

Township/Range Section Meridian Note

012N101W 24 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Laney member of the Green River formation on a gently rolling plateau.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 71.45 Acres 28.91 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A poor occurrence of a globally vulnerable (G3S2) plant community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Hiawatha

Site Code S.USCOHP*818

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	Yes

REFERENCES

Reference ID

Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Horse Draw

Site Code S.USWRO1*777

IDENTIFIERS

Site ID 1389 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H2 Reservoir Draw

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
011N096W	05	6P	
011N096W	08	6P	
011N096W	09	6P	
011N096W	17	6P	
011N096W	19	6P	
011N096W	20	6P	
011N096W	21	6P	
011N096W	29	6P	
011N096W	30	6P	
011N097W	24	6P	
011N097W	25	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of a flat ridgetop of the Laney member of the Green River formation on 0-3% slopes at 6900 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

The site boundary consists of the known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 2,254.93 Acres 912.54 Hectares

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Horse Draw

Site Code S.USWRO1*777

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

Good (B-ranked) occurrences of a globally critically imperiled (G1G2S1S2) natural community.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24633	<i>ATRIPLEX GARDNERI/LEYMUS SALINUS</i>	Gardner's Mat Saltbush Shrublands	G2?	S2?	Yes
24878	<i>ATRIPLEX CONFERTIFOLIA/STIPA COMATA</i>	Cold Desert Shrublands	G2	S1S2	Yes
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	No
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
24878	<i>ATRIPLEX CONFERTIFOLIA/STIPA COMATA</i>	Cold Desert Shrublands	G2	S1S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Irish Canyon

Site Code S.USWRO1*596

IDENTIFIERS

Site ID 1990 **Site Class** Standard site
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

Site Relations Sitecode was changed from S.USCOHP*1835 to match COFO's 2/97.

LOCATORS

Nation United States

State Colorado

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

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
009N100W	06	6P	
009N100W	07	6P	
010N100W	19	6P	
010N100W	30	6P	
010N100W	31	6P	
009N101W	01	6P	
009N101W	02	6P	
009N101W	03	6P	
009N101W	04	6P	
009N101W	10	6P	
009N101W	11	6P	
009N101W	12	6P	
009N101W	14	6P	
009N101W	15	6P	
010N101W	02	6P	
010N101W	03	6P	
010N101W	04	6P	
010N101W	05	6P	
010N101W	08	6P	
010N101W	09	6P	
010N101W	10	6P	
010N101W	11	6P	
010N101W	12	6P	
010N101W	13	6P	
010N101W	14	6P	
010N101W	15	6P	

Conservation Site Report

Name Irish Canyon

Site Code S.USWRO1*596

010N101W	16	6P
010N101W	21	6P
010N101W	22	6P
010N101W	23	6P
010N101W	24	6P
010N101W	25	6P
010N101W	26	6P
010N101W	27	6P
010N101W	33	6P
010N101W	34	6P
010N101W	35	6P
010N101W	36	6P
011N101W	17	6P
011N101W	18	6P
011N101W	19	6P
011N101W	20	6P
011N101W	28	6P
011N101W	29	6P
011N101W	30	6P
011N101W	31	6P
011N101W	32	6P
011N101W	33	6P
011N101W	34	6P
011N101W	35	6P
009N101W	09	6P
010N101W	17	6P
010N101W	28	6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

This site is a ridgetop of the Weber formation with 0-20 degree sandstone slopes at 7499-8500 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. This site includes and extends the boundaries of the Limestone Ridge Designated NA and Irish Canyon DNA.

Primary Area 19,610.36 Acres 7,936.06 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Irish Canyon

Site Code S.USWRO1*596

Biodiversity Significance Comments

This site includes 36 element occurrences and 15 species or significant plant communities. The rank is based on a high quality globally rare plant community occurrence.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
24881	<i>PINUS EDULIS/PSEUDOROEGNERIA SPICATA</i>	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
24829	<i>PINUS EDULIS/CERCOCARPUS LEDIFOLIUS</i>	Mesic Western Slope Pinyon-Juniper Woodlands	G3	S3	No
24616	<i>CERCOCARPUS LEDIFOLIUS/PSEUDOROEGNERIA SPICATA</i>	Mixed Mountain Shrublands	G4Q	S2	No
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	No
24714	<i>ARTEMISIA NOVA/STIPA COMATA</i>	Western Slope Sagebrush Shrublands	G3?	S2?	No
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	Yes
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes
23377	<i>Draba oligosperma</i>	Woods Draba	G5	S2	No
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
24616	<i>CERCOCARPUS LEDIFOLIUS/PSEUDOROEGNERIA SPICATA</i>	Mixed Mountain Shrublands	G4Q	S2	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
23470	<i>Tamias dorsalis</i>	Cliff Chipmunk	G5	S2	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24584	<i>ARTEMISIA NOVA/PSEUDOROEGNERIA SPICATA</i>	Western Slope Sagebrush Shrublands	G4G5	S2?	No
24881	<i>PINUS EDULIS/PSEUDOROEGNERIA SPICATA</i>	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24656	<i>CERCOCARPUS LEDIFOLIUS/PSEUDOROEGNERIA SPICATA</i>	Mixed Mountain Shrublands	GU	SNR	No
24584	<i>ARTEMISIA NOVA/PSEUDOROEGNERIA SPICATA</i>	Western Slope Sagebrush Shrublands	G4G5	S2?	No
20145	<i>PASCOPYRUM SMITHII</i>	Western Slope Grasslands	G3G5Q	S2	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	Yes
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24829	<i>PINUS EDULIS/CERCOCARPUS LEDIFOLIUS</i>	Mesic Western Slope Pinyon-Juniper Woodlands	G3	S3	No
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	No

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name	Irish Canyon	Site Code	S.USWRO1*596		
24881	<i>PINUS EDULIS/PSEUDOROEGNERIA SPICATA</i>	Xeric Western Slope	G4	S4	No
		Pinyon-Juniper Woodlands			
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	Yes
24790	<i>PSEUDOROEGNERIA SPICATA PHASE</i>	Western Slope Grasslands	GU	SU	No
	<i>ARENARIA HOOKERI</i>				
24829	<i>PINUS EDULIS/CERCOCARPUS LEDIFOLIUS</i>	Mesic Western Slope	G3	S3	Yes
		Pinyon-Juniper Woodlands			
24881	<i>PINUS EDULIS/PSEUDOROEGNERIA SPICATA</i>	Xeric Western Slope	G4	S4	No
		Pinyon-Juniper Woodlands			
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes
24829	<i>PINUS EDULIS/CERCOCARPUS LEDIFOLIUS</i>	Mesic Western Slope	G3	S3	Yes
		Pinyon-Juniper Woodlands			
17163	<i>Trifolium andinum</i>	Mountain Clover	G3	S1	Yes
24790	<i>PSEUDOROEGNERIA SPICATA PHASE</i>	Western Slope Grasslands	GU	SU	No
	<i>ARENARIA HOOKERI</i>				

REFERENCES

Reference ID	Full Citation
-	No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Juniper Mountain

Site Code S.USCOHP*745

IDENTIFIERS

Site ID 16 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D1 Juniper Mountain

40108-E1 Maybell

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

006N095W	02	6P	
----------	----	----	--

006N095W	03	6P	
----------	----	----	--

006N095W	04	6P	
----------	----	----	--

006N095W	09	6P	
----------	----	----	--

006N095W	10	6P	
----------	----	----	--

006N095W	11	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located from 6080 to 6200 feet in elevation on sandy soil and contains the following plant species; Artemisia tridentata, Oryzopsis hymenoides, Aster spp., Haplopappus acaulis (Stenotus acaulis), and Ipomopsis congesta.

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 12/17/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrences and additional associated habitat. The highway borders the western edge of the site.

Primary Area 1,340.29 Acres 542.40 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Juniper Mountain

Site Code S.USCOHP*745

Biodiversity Significance Comments

An extant occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/17/1996

Version Author Loar, A.M.

Conservation Site Report

Name Little Snake River at Cross Mountain

Site Code S.USCOHP*5809

IDENTIFIERS

Site ID 419 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E4 Lone Mountain

40108-D4 Twelvemile Mesa

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

006N098W

05

007N098W

28

007N098W

29

007N098W

32

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Site is a riparian area on the Little Snake River at the base of Cross Mountain. Site is 0.5 mile long before it cliffs out. Site includes islands on the river and is bisected by a county road.

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 09/26/1996

Designer Culver, D.R.

Boundary Justification

The boundaries encompass the community and plant elements. It includes the riverine wetlands at the base of the mountain and a buffer to protect from direct disturbances.

Primary Area 664.56 Acres 268.94 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on fair (C-ranked) occurrences of globally imperiled (G2S2) natural communities.

Conservation Site Report

Name Little Snake River at Cross Mountain

Site Code S.USCOHP*5809

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24659	<i>SALIX EXIGUA/BARE GROUND</i>	Coyote Willow/Bare Ground	G5	S5	No
16839	<i>RHUS TRILOBATA</i>	Skunkbrush Riparian Shrubland	G2	S2	Yes
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24659	<i>SALIX EXIGUA/BARE GROUND</i>	Coyote Willow/Bare Ground	G5	S5	No
24600	<i>POPULUS DELTOIDES SSP. WISLIZENI/RHUS TRILOBATA</i>	Fremont's Cottonwood Riparian Forests	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/26/1996

Version Author Culver, D.R.

Conservation Site Report

Name Little Snake River at South Nipple Gulch

Site Code S.USCOHP*5810

IDENTIFIERS

Site ID 420 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G2 The Nipple

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

Township/Range Section Meridian Note

009N096W

04

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Site is an alluvial deposit located on the east bank of Little Snake River. A two track road borders it to the south. It is at the base of a hill that supports several intermittent streams.

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 09/26/1996

Designer Culver, D.R.

Boundary Justification

The boundary encompasses elements and provides a buffer to protect site from direct disturbances.

Primary Area 142.25 Acres 57.57 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair (C-ranked) occurrence of a globally vulnerable (G3G4/S1) plant community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Little Snake River at South Nipple Gulch

Site Code S.USCOHP*5810

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
17439	<i>SHEPHERDIA ARGENTEA</i>	Foothills Riparian Shrubland	G3G4	S1	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/26/1996

Version Author Culver, D.R.

Conservation Site Report

Name Little Snake River South of Powder Wash

Site Code S.USCOHP*5811

IDENTIFIERS

Site ID 999 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H1 The Nipple NE

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N095W

03

6P

012N095W

34

6P

011N095W

05

6P

011N095W

04

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Site contains alluvial deposit is from Little Snake River. It is located at the base of bluffs to the north. There are several intermittent streams and seeps that flow into the site.

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 09/26/1996

Designer Culver, D.R.

Boundary Justification

The boundary encompasses element and a buffer to protect site from direct disturbances.

Primary Area 593.17 Acres 240.05 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a wetland plant community which is vulnerable on a global scale and a fair occurrence of a grassland community whose global rank is unknown. The scientist re-evaluated the site and determined that it should remain a B4 site.

Other Values Rank No Data

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Little Snake River South of Powder Wash

Site Code S.USCOHP*5811

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Offsite hydrology alterations and improper grazing practices should be addressed.

Information Needs

No Data

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>
18654	<i>SCHOENOPLECTUS PUNGENS</i>	Bulrush	G3G4	S3	No
21592	<i>MUHLENBERGIA ASPERIFOLIA</i>	Great Plains Salt Meadows	GU	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/26/1996

Version Author Culver, D.R.

Conservation Site Report

Name Little Trout Creek

Site Code S.USCOHP*701

IDENTIFIERS

Site ID 649 Site Class Standard site

Site Alias Trout Creek at Rattlesnake Butte

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C1 Rattlesnake Butte

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
004N086W	14	6P	
004N086W	15	6P	
004N086W	22	6P	
004N086W	23	6P	
004N086W	26	6P	
004N086W	27	6P	
004N086W	35	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

This site consists of 3 degree slopes of Quaternary alluvium along a stream floodplain at 7200 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

The site boundary includes all known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 1,719.15 Acres 695.72 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A fair (C-ranked) occurrence of a globally vulnerable (G3S3) plant community.

Conservation Site Report

Name Little Trout Creek

Site Code S.USCOHP*701

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24860	POPULUS ANGUSTIFOLIA/CORNUS SERICEA	Cottonwood Riparian Forest	G4	S3	No
18795	CAREX UTRICULATA	Beaked Sedge Montane Wet Meadows	G5	S4	No
24473	SALIX DRUMMONDIANA/CALAMAGROSTIS CANADENSIS	Lower Montane Willow Carrs	G3	S3	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Lookout Mountain

Site Code S.USWRO1*1640

IDENTIFIERS

Site ID 1424 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G4 Shepherd Springs

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N099W	35	6P	
----------	----	----	--

010N099W	02	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Laney member of the Green River formation with shallow, rocky soils and in association with Agropyron, Atriplex, and Astragalus.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 214.89 Acres 86.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

This site supports an excellent (A-ranked) occurrence of a state rare (G4S2) plant species.

Other Values Rank No Data

Conservation Site Report

Name Lookout Mountain

Site Code S.USWRO1*1640

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Middle Yampa River

Site Code S.USCOHP*7521

IDENTIFIERS

Site ID 1092 Site Class Standard site

Site Alias Middle Yampa River Megasite

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations This PCA encompasses two other PCAs: Yampa River at Little Juniper Canyon (S.USCOHP*5804), and Boston Hill (S.USCOHP*772).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D1	Juniper Mountain
40108-D3	Cross Mountain Canyon
40108-E1	Maybell
40108-E2	Sunbeam
40108-E3	Peck Mesa
40107-D5	Castor Gulch
40107-D7	Horse Gulch
40107-E5	Craig
40107-D8	Juniper Hot Springs
40107-D6	Round Bottom

County

Moffat (CO)

Watershed Code Watershed Name

14050002	Lower Yampa
14050001	Upper Yampa

Township/Range Section Meridian Note

006N095W		6P	
006N097W		6P	
007N095W		6P	
007N096W		6P	
007N097W		6P	
006N094W		6P	
005N094W		6P	
006N093W		6P	
005N093W		6P	
006N092W		6P	
005N092W		6P	
006N091W		6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

Key Environmental Factors

No Data

Climate Description

No Data

Conservation Site Report

Name Middle Yampa River

Site Code S.USCOHP*7521

Land Use History

No Data

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial

Mapped Date 01/10/1997

Designer Pague, C.A.

Boundary Justification

The site begins at Craig, where the river starts its path through the sagebrush country of NW Colorado. The site is designed primarily to support the summering grounds and migration routes of the Colorado River fishes. Therefore, it includes most of the floodplain of the entire reach.

Primary Area 28,982.90 Acres 11,729.01 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

Historically, this reach of the Yampa supported large populations of the G1 Colorado Pikeminnow and the G1 Humpback Chub. Today it supports sparse numbers with little if any reproduction.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
18783	<i>ELEOCHARIS PALUSTRIS</i>	Emergent Wetland	G5	S4	No
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
19424	<i>Gila cypha</i>	Humpback Chub	G1	S1	Yes
21247	<i>SPARTINA GRACILIS</i>	Western Slope Salt Meadows	GU	S2	No
23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	No
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
24659	<i>SALIX EXIGUA/BARE GROUND</i>	Coyote Willow/Bare Ground	G5	S5	No
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	No
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name	Middle Yampa River	Site Code	S.USCOHP*7521		
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
18654	<i>SCHOENOPLECTUS PUNGENS</i>	Bulrush	G3G4	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics
No Data

VERSION

Lead Responsibility No Data
Version Date 01/10/1997
Version Author Pague, C.A.

Conservation Site Report

Name Milk Creek-Moffat County

Site Code S.USCOHP2*1634

IDENTIFIERS

Site ID 527 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C7 Axial

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

005N092W

31

6P

005N092W

32

6P

005N092W

30

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes sandbars along a flooded stream channel dominated by *Scleroproctus* and *Eleolaris*.

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 12/05/1996

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrence and a buffer to protect the site from direct disturbance and longitudinal movement of the riparian community.

Primary Area 293.37 Acres 118.72 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good (B-ranked) occurrence of a globally vulnerable (G3G4 S3) plant community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Milk Creek-Moffat County

Site Code S.USCOHP2*1634

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
18654	<i>SCHOENOPLECTUS PUNGENS</i>	Bulrush	G3G4	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/05/1996

Version Author Loar, A.M.

Conservation Site Report

Name No Name Spring

Site Code S.USCOHP*7461

IDENTIFIERS

Site ID 208 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H8 Beaver Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

012N103W

21

012N103W

22

012N103W

27

012N103W

28

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 02/25/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 111.87 Acres 45.27 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on an extant occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Other Values Comments

No Data

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name No Name Spring

Site Code S.USCOHP*7461

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 02/25/1997

Version Author Loar, A.M.

Conservation Site Report

Name North Elk Ranch

Site Code S.USCOHP*6649

IDENTIFIERS

Site ID 1127 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H7 Sparks

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N102W

03

6P

011N102W

04

6P

011N102W

09

6P

011N102W

10

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on gravelly, sandy loam soils and in association with Ipomopsis, Lesquerella, Poa, Linum, Arenaria, and Draba.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 391.34 Acres 158.37 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A good (B-ranked) occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Conservation Site Report

Name North Elk Ranch

Site Code S.USCOHP*6649

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name North Vermillion Bluffs

Site Code S.USCOHP*6679

IDENTIFIERS

Site ID 619 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G5 G Spring

40108-H5 Hiawatha

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

Township/Range Section Meridian Note

011N099W 32 6P

011N099W 33 6P

010N099W 04 6P

010N099W 05 6P

010N099W 06 6P

010N099W 07 6P

010N099W 08 6P

010N099W 09 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Cathedral Bluffs member of the Wasatch formation on a quaternary alluvium sloping bench and in association with Atriplex, Cymopterus, Phlox, Haplopappus, and Agropyron.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site contains the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,707.57 Acres 691.03 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name North Vermillion Bluffs

Site Code S.USCOHP*6679

Biodiversity Significance Comments

This PCA supports good (B-ranked) occurrences of globally vulnerable (G3) elements.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
21203	<i>Astragalus detritalis</i>	Debris Milkvetch	G3	S2	Yes
24522	ATRIPLEX CONFERTIFOLIA/PSEUDOROEGNERIA SPICATA	Cold Desert Shrublands	G3	S2S3	Yes
21203	<i>Astragalus detritalis</i>	Debris Milkvetch	G3	S2	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Pablo Spring

Site Code S.USCOHP*809

IDENTIFIERS

Site ID 766 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

009N101W	07	6P	
----------	----	----	--

009N102W	12	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Brown's Park formation on gently rolling hills at 5,720 feet in elevation.

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 11/06/1996

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbance.

Primary Area 267.50 Acres 108.25 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains a fair occurrence of a plant community which is critically imperiled on a global scale.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Pablo Spring

Site Code S.USCOHP*809

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24878	ATRIPLEX CONFERTIFOLIA/STIPA COMATA	Cold Desert Shrublands	G2	S1S2	Yes
24309	Eriogonum tumulosum	Woodside Buckwheat	G3Q	S2	No
24584	ARTEMISIA NOVA/PSEUDOROEGNERIA SPICATA	Western Slope Sagebrush Shrublands	G4G5	S2?	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 11/06/1996

Version Author Loar, A.M.

Conservation Site Report

Name Phillips Creek

Site Code S.USCOHP*5897

IDENTIFIERS

Site ID 818 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40106-B8 Yampa

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

002N085W

10

6P

002N085W

11

6P

002N085W

13

6P

002N085W

14

6P

002N085W

23

6P

002N085W

24

6P

SITE DESCRIPTION

Minimum Elevation 7,642.00 Feet 2,329.00 Meters

Maximum Elevation 7,940.00 Feet 2,420.00 Meters

Site Description

Phillips Creek is one of three rivers that feed the headwaters of the Yampa River. Phillips Creek begins in the foothills just south of the town of Yampa. The site encompasses 6.4 km (4 mi) of riparian habitat ranging from 2293 to 2382 m (7642 to 7940 ft). The confluence of Phillips Creek with the Bear River and Wheeler Creek is extremely boggy and supports a dense willow carr and sedge community. Haying and grazing activities currently occur on the drier slopes but not within the boggy area. The remainder of the site, north of the boggy area, extends for 6.4 km (4 mi) encompassing an extensive willow carr at the base of the foothills. Irrigated hay meadows and grazing pastures dominate the floodplain adjacent to the willow communities throughout the site.

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 12/23/1996

Designer Culver, D.R.

Boundary Justification

Boundaries drawn to encompass the riparian and wetland areas necessary to maintain the viability of the element occurrences.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Phillips Creek

Site Code S.USCOHP*5897

Primary Area 690.29 Acres 279.35 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A good (B-ranked) occurrence of a state rare (G4/S1) plant community. This site encompasses good quality occurrences of *Salix serissima* (G4/S1), *Salix bebbiana* (G3/SU) riparian shrubland, and *Carex nebrascensis* wet meadow (G4/S3). It also encompasses fair occurrences of *Populus angustifolia*/*Salix exigua* (G3/S3) and *Carex utriculata* (G5/S4). All the elements, except *Ardea herodias* (Great Blue Heron) were located, are viable and intact. This area is unique not only with respect to community structure, but it encompasses both a slope and riverine wetland. The hydrology appears intact and minimally impacted by agricultural activities

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
22403	<i>CAREX NEBRASCENSIS</i>	Wet Meadows	G4	S3	No
18795	<i>CAREX UTRICULATA</i>	Beaked Sedge Montane Wet Meadows	G5	S4	No
17561	<i>Salix serissima</i>	Autumn Willow	G4	S1	No

REFERENCES

Reference ID	Full Citation
168083	Culver, D. and J. Sanderson. 1996. A Natural Heritage Assessment of Wetlands and Riparian Areas in Routt County, CO. Unpublished report prepared for the CO Department of Natural Resources, Denver, CO. by the CO Natural Heritage Program, Fort Collins, CO.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/23/1996

Version Author Culver, D.R.

Conservation Site Report

Name Pleasant Valley

Site Code S.USCOHP2*1626

IDENTIFIERS

Site ID 286 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40106-C7 Blacktail Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
004N084W	08	6P	
004N084W	09	6P	
004N084W	10	6P	
004N084W	15	6P	
004N084W	16	6P	
004N084W	17	6P	
004N084W	21	6P	
004N084W	22	6P	
004N084W	27	6P	
004N084W	28	6P	
005N084W	33	6P	

SITE DESCRIPTION

Minimum Elevation 6,915.00 Feet 2,108.00 Meters

Maximum Elevation 7,050.00 Feet 2,149.00 Meters

Site Description

Pleasant Valley is a broad valley located south of Steamboat Springs. The Yampa River meanders across a wide floodplain encompassing a 4.8 km (3 mi.) floodplain. The Stagecoach Reservoir is located to the south and Lake Catamount is located to the north. Sarvis (Service) and Green Creeks enter the Yampa River in Pleasant Valley from the Gore Range. Irrigated hay meadows and grazing pastures dominate the floodplain adjacent to the riparian communities. Cottonwood saplings are establishing along the point bars. Irrigated hay fields and grazing pastures dominate the adjacent floodplain.

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 10/15/1996

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Pleasant Valley

Site Code S.USCOHP2*1626

Designer Culver, D.R.

Boundary Justification

Boundary drawn to include all elements and a buffer of at least 100 feet.

Primary Area 1,906.64 Acres 771.59 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site encompasses B-ranked occurrences of a G2/S2 community, (*Picea pungens*-*Populus angustifolia*/*Alnus incana*-*Lonicera involucrata*), and of a G3/S1 community (*Alnus incana*-*Cornus sericea*). There are C-ranked occurrences of a G3/S2? community (*Populus angustifolia*/*Cornus sericea*) and a GU/SU community (*Salix monticola*-*Salix geyeriana*/mesic forbs). A new occurrence of *Bufo boreas* (Boreal toad) was documented. The Boreal toad is a candidate for federal listing. Currently, it is a federally sensitive species and a Colorado endangered species. The occurrence for *Ardea herodias* (Great Blue Heron) was not located, the rookery was last observed in 1994. The Great blue heron has no federal or state status. This wetland is important for flood abatement, groundwater recharge, and possible nutrient removal from agricultural runoff. It is part of the extensive Yampa River riparian corridor that is one of the last remaining intact riverine systems in the west.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24573	<i>SALIX GEYERIANA-SALIX MONTICOLA/MESIC FORB</i>	Geyer's Willow-Rocky Mountain Willow/Mesic Forb	G3	S3	No
24860	<i>POPULUS ANGUSTIFOLIA/CORNUS SERICEA</i>	Cottonwood Riparian Forest	G4	S3	No
24773	<i>ALNUS INCANA-CORNUS SERICEA</i>	Thinleaf Alder-Red-osier Dogwood Riparian Shrubland	G3Q	S3	Yes
24823	<i>POPULUS ANGUSTIFOLIA-PICEA PUNGENS/ALNUS INCANA</i>	Montane Riparian Forests	G4	S4	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
170859	Culver, D.R. 1996. Colorado Natural Heritage Program Field Survey of Routt County Wetlands.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 10/15/1996

Version Author Culver, D.R.

Conservation Site Report

Name Pond Lily Lakes

Site Code S.USCOHP2*2685

IDENTIFIERS

Site ID 540 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40106-F8 Clark

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
009N086W	25	6P	
009N086W	26	6P	
009N086W	35	6P	
009N086W	36	6P	
008N086W	01	6P	
008N086W	02	6P	
009N085W	31	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Complex of isolated ponds in montane forest.

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 01/12/1995

Designer Ellingson, A.R.

Boundary Justification

This boundary encompasses the complex of ponds that support the occurrence. It should be adequate to prevent disturbance and maintain adjacent foraging habitat.

Primary Area 770.08 Acres 311.64 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Conservation Site Report

Name Pond Lily Lakes

Site Code S.USCOHP2*2685

Biodiversity Significance Comments

Rank is based on a historical occurrence of a state rare breeder.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Maintaining natural hydrologic regime will be important and will require careful evaluation of activities upstream from this site. Also, maintaining foraging areas and other local occurrences will be required for persistence at this site.

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/12/1995

Version Author Ellingson, A.R.

Conservation Site Report

Name Pot Creek

Site Code S.USCOHP*5821

IDENTIFIERS

Site ID 1174 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-F8 Canyon of Lodore North

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

008N103W	08	6P	
----------	----	----	--

008N103W	17	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Ephemeral narrow drainage surrounded by quartzite slick rock.

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 09/22/1996

Designer Fayette, K.K.

Boundary Justification

The site includes the two known elements and a buffer zone to protect from direct disturbances. The hydrology of the site should be maintained.

Primary Area 62.39 Acres 25.25 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Biodiversity rank is based on an unranked occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Pot Creek

Site Code S.USCOHP*5821

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/22/1996

Version Author Fayette, K.K.

Conservation Site Report

Name Sellers Hole Ridge

Site Code S.USCOHP*788

IDENTIFIERS

Site ID 186 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-F2 Ninemile Hill

40108-F3 Sevenmile Draw

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

Township/Range Section Meridian Note

009N097W 23 6P

009N097W 24 6P

009N097W 25 6P

009N097W 26 6P

009N097W 34 6P

009N097W 35 6P

009N097W 36 6P

008N097W 02 6P

008N097W 03 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Bridger formation and the Laney member of the Green River formation on a gently sloping flat ridgetop.

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 01/17/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,460.08 Acres 590.88 Hectares

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Sellers Hole Ridge

Site Code S.USCOHP*788

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on good to fair (BC-ranked) occurrences of a globally imperiled (G2?S2?) natural community.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24633	<i>ATRIPLEX GARDNERI/LEYMUS SALINUS</i>	Gardner's Mat Saltbush Shrublands	G2?	S2?	Yes
24633	<i>ATRIPLEX GARDNERI/LEYMUS SALINUS</i>	Gardner's Mat Saltbush Shrublands	G2?	S2?	Yes
24633	<i>ATRIPLEX GARDNERI/LEYMUS SALINUS</i>	Gardner's Mat Saltbush Shrublands	G2?	S2?	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/17/1997

Version Author Loar, A.M.

Conservation Site Report

Name Shell Creek

Site Code S.USCOHP*815

IDENTIFIERS

Site ID 327 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H4 Coffeepot Spring

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
012N099W	24	6P	
012N099W	25	6P	
012N099W	36	6P	
012N098W	19	6P	
012N098W	30	6P	
012N098W	31	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site consists of 0-5% Wasatch formation slopes at 6820 ft. with reddish soils and whitish soil interspersed.

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

The site includes the known occurrence and a buffer zone to protect from direct disturbances.

Primary Area 370.57 Acres 149.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

A "B" ranked occurrence of a G1 natural community.

Other Values Rank No Data

Conservation Site Report

Name Shell Creek

Site Code S.USCOHP*815

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	24878	<i>ATRIPLEX CONFERTIFOLIA/STIPA COMATA</i>	Cold Desert Shrublands	G2	S1S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Slater Park

Site Code S.USCOHP*715

IDENTIFIERS

Site ID 1321 Site Class Standard site

Site Alias Slater Park Macrosite

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-G2 Bears Ears Peaks

40107-G1 Meaden Peak

40107-G3 Buck Point

40107-H3 Fly Creek

County

Routt (CO)

Moffat (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

14050003 Little Snake

Township/Range Section Meridian Note

010N087W 02 6P

010N087W 03 6P

010N087W 04 6P

010N087W 05 6P

010N087W 06 6P

010N087W 07 6P

010N087W 08 6P

010N087W 09 6P

010N087W 10 6P

010N087W 11 6P

010N087W 12 6P

010N087W 13 6P

010N087W 14 6P

010N087W 15 6P

010N087W 16 6P

010N087W 17 6P

010N087W 18 6P

010N087W 22 6P

010N087W 23 6P

010N087W 24 6P

010N087W 25 6P

010N087W 26 6P

011N087W 31 6P

011N087W 32 6P

011N087W 33 6P

011N087W 34 6P

010N088W 01 6P

010N088W 02 6P

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Slater Park

Site Code S.USCOHP*715

010N088W	03	6P
010N088W	04	6P
010N088W	05	6P
010N088W	06	6P
010N088W	07	6P
010N088W	08	6P
010N088W	09	6P
010N088W	10	6P
010N088W	11	6P
010N088W	12	6P
010N088W	13	6P
010N088W	14	6P
010N088W	15	6P
010N088W	17	6P
010N088W	18	6P
010N088W	23	6P
010N088W	24	6P
010N088W	25	6P
010N088W	26	6P
010N088W	35	6P
010N088W	36	6P
010N089W	01	6P
010N089W	12	6P
010N089W	13	6P
011N088W	31	6P
011N088W	32	6P
011N088W	35	6P
011N088W	36	6P
011N089W	25	6P
011N089W	36	6P
010N087W	21	6P
010N088W	19	6P
010N088W	20	6P

SITE DESCRIPTION

Minimum Elevation 8,000.00 **Feet** 2,438.00 **Meters**

Maximum Elevation 8,250.00 **Feet** 2,515.00 **Meters**

Site Description

Slater Park site encompasses a 9.6 km (6 mi) long area of wetland habitat located north of the Elkhead Mountains within an elevational range of 2,400 to 2,475 m (8,000 to 8,250 ft). The site is located in a narrow to moderately wide floodplain at the base of several 2,700-3,000 m (9,000-10,000 ft) peaks such as: Columbus Mountain, Brush Mountain, Middle Mountain, and Sawtooth Mountain. Slater Creek drains the site flowing west to its confluence with the Little Snake River. There are several first and second order creeks which flow through the site: Adams, Crawford, Chicken, Douglas, Grizzly, and Green. Moderate beaver activity is evident

Key Environmental Factors

No Data

Climate Description

No Data

Land Use History

No Data

Conservation Site Report

Name Slater Park

Site Code S.USCOHP*715

Cultural Features

No Data

SITE DESIGN

Site Map P - Partial

Mapped Date 01/13/1995

Designer Ellingson, A.R.

Boundary Justification

This boundary encompasses the park and a small forested buffer on adjacent slopes. It should be sufficient to protect the significant natural communities and the breeding habitat of wetland and upland birds and amphibians from direct disturbance or degradation including nest disturbance, fragmentation of habitat, local invasion of exotic plants, local hydrologic alterations or pollution.

Primary Area 16,608.86 Acres 6,721.39 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site encompasses fair occurrences of *Salix boothii*/Mesic graminoids(G3?/S3) and *Carex aquatilis* wetland (G5/S4) and a good quality occurrence of *Grus canadensis tabida* (G5T4/S2B,S4N). The Sandhill crane is a federal sensitive species and a Colorado threatened species. This site is significant because of the good quality occurrence of nesting Sandhill cranes.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

The wetland and riparian systems that support these elements are inextricably related to hydrology in the watershed. Any activities within the watershed that have potential to affect hydrology should be evaluated for possible impacts on elements present.

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element State ID	State Scientific Name	State Common Name	Global Rank	State Rank	Driving Site Rank
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	No
22745	<i>CAREX AQUATILIS</i>	Montane Wet Meadows	G5	S4	No
24518	<i>PICEA PUNGENS/ALNUS INCANA</i>	Montane Riparian Forests	G3	S3	No
23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	No
24517	<i>SALIX BOOTHII/CAREX UTRICULATA</i>	Booth's Willow/Beaked Sedge	G4	S3	No
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	No
24572	<i>SALIX WOLFII/MESIC FORB</i>	Subalpine Riparian Willow Carr	G3	S3	No

REFERENCES

Reference ID	Full Citation
168083	Culver, D. and J. Sanderson. 1996. A Natural Heritage Assessment of Wetlands and Riparian Areas in Routt County, CO. Unpublished report prepared for the CO Department of Natural Resources, Denver, CO. by the CO Natural Heritage Program, Fort Collins, CO.

Conservation Site Report

Name Slater Park

Site Code S.USCOHP*715

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/13/1995

Version Author Ellingson, A.R.

Conservation Site Report

Name South Fork Park

Site Code S.USCOHP3*2409

IDENTIFIERS

Site ID 107 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-G2 Bears Ears Peaks

40107-H2 Tumble Mountain

40107-G1 Meaden Peak

40107-H1 Shield Mountain

County

Routt (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
011N086W	19	6P	
011N086W	31	6P	
011N086W	30	6P	
011N086W	20	6P	
011N086W	21	6P	
011N086W	32	6P	
011N086W	33	6P	
011N087W	14	6P	
011N087W	13	6P	
011N087W	21	6P	
011N087W	23	6P	
011N087W	24	6P	
011N087W	25	6P	
011N087W	26	6P	
011N087W	27	6P	
011N087W	28	6P	
011N087W	35	6P	
011N087W	36	6P	
011N087W	34	6P	
011N087W	33	6P	
011N087W	22	6P	
010N087W	03	6P	
010N087W	01	6P	
010N087W	02	6P	
010N087W	12	6P	
010N087W	11	6P	
010N086W	04	6P	
010N086W	05	6P	
010N086W	06	6P	
010N086W	07	6P	

Conservation Site Report

Name South Fork Park

Site Code S.USCOHP3*2409

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 01/13/1995

Designer Ellingson, A.R.

Boundary Justification

The boundary includes the elements and their habitat with a buffer of 500m. This should protect the occurrence from direct impacts and the majority of indirect impacts. See offsite considerations.

Primary Area 6,647.20 Acres 2,690.04 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A historically verified, "D" ranked (poor quality) occurrences of globally vulnerable (G4T3/S3) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Many of the elements in this site are associated with aquatic and riparian habitats, which may be affected by hydrologic change within the watershed. Any activities within the watershed that have potential to affect hydrology should be evaluated for their impacts on the elements.

Information Needs

Check Johnson Creek for trout. It has not been well surveyed.

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>
21307	<i>Tympanuchus phasianellus columbianus</i>	Columbian Sharp-tailed Grouse	G4T3	S2	No
23668	<i>Grus canadensis tabida</i>	Greater Sandhill Crane	G5T4	S2B,S4N	No
21796	<i>Oncorhynchus clarkii pleuriticus</i>	Colorado River Cutthroat Trout	G4T3	S3	No

REFERENCES

Conservation Site Report

Name South Fork Park

Site Code S.USCOHP3*2409

Reference ID **Full Citation**

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/13/1995

Version Author Ellingson, A.R.

Conservation Site Report

Name South Vermillion Bluffs

Site Code S.USCOHP*6680

IDENTIFIERS

Site ID 620 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G5 G Spring

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N099W	08	6P	
----------	----	----	--

010N099W	09	6P	
----------	----	----	--

010N099W	10	6P	
----------	----	----	--

010N099W	15	6P	
----------	----	----	--

010N099W	16	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Laney member of the Green River formation with sandy loam soil on an open rolling ridge and in association with Juniperus, Artemisia, and Agropyron spicatum.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 697.43 Acres 282.24 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good(B-ranked) occurrence of a globally vulnerable (G3S3) element.

Conservation Site Report

Name South Vermillion Bluffs

Site Code S.USCOHP*6680

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24470	ARTEMISIA TRIDENTATA SSP. WYOMINGENSIS/PSEUDOROEGNERIA SPICATA	Xeric Sagebrush Shrublands	G4	S3?	No
24881	PINUS EDULIS/PSEUDOROEGNERIA SPICATA	Xeric Western Slope Pinyon-Juniper Woodlands	G4	S4	No
21203	Astragalus detritalis	Debris Milkvetch	G3	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Spitzie Draw

Site Code S.USCOHP*811

IDENTIFIERS

Site ID 821 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G8 Lodore School

40109-G1 Swallow Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

010N103W	02	6P	
010N103W	03	6P	
010N103W	04	6P	
010N103W	05	6P	
010N103W	06	6P	
010N103W	07	6P	
010N103W	08	6P	
010N103W	09	6P	
010N103W	10	6P	
010N103W	11	6P	
010N103W	14	6P	
010N103W	15	6P	
010N103W	16	6P	
010N103W	17	6P	
010N103W	18	6P	
010N103W	21	6P	
010N103W	22	6P	
011N103W	31	6P	
011N103W	32	6P	
011N103W	33	6P	
011N103W	34	6P	
011N103W	35	6P	
010N104W	12		
010N104W	13		

SITE DESCRIPTION

Minimum Elevation 5,360.00 Feet 1,634.00 Meters

Maximum Elevation 6,200.00 Feet 1,890.00 Meters

Site Description

The site consists of 10% shale and tuffaceous slopes on the Brown's Park formation with grey-white fine sandy loam soils. This PCA includes barren outcrops of white shale within rolling hills of sagebrush shrublands and pinyon juniper woodlands. Small drainages cut down through the shale exposing dramatic cliffs.

Greasewood flats are found at the base of the cliffs, and are degraded from grazing pressures and the spread

Conservation Site Report

Name Spitzie Draw

Site Code S.USCOHP*811

of cheat grass (*Anisantha tectorum*). The shale barrens are fairly pristine, with large areas of rock gardens with mat-forming species and other native flowering plants. Cryptogamic soil crusts are found throughout the area, particularly in the Spitzie Draw drainage. The pinyon juniper woodlands appear to be in good condition with mountain mahogany (*Cercocarpus montanus*), sagebrush (*Serphidium* sp.), native grasses and soil crusts in the understory. This PCA includes four suboccurrences of *Penstemon gibbensii*. Two of the suboccurrences are located on the shale cliffs north of Hog Lake and are contained within the Brown's Park National Wildlife Refuge. The other two suboccurrences are located on BLM property along Spitzie Draw and a tributary to the east. Vegetative and flowering stems had been grazed on some individuals, but in most cases no hoofprints of cattle were found in the immediate vicinity. Rabbits were seen on two occasions and may be grazing opportunistically on *Penstemon gibbensii*.

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 05/16/2000

Designer Spackman, S.C. and D.G. Anderson

Boundary Justification

This PCA includes all of the known populations of *Penstemon gibbensii* in the immediate area. Also included within the area is potential habitat for *Penstemon gibbensii* as determined in the present study and by Dorn (1990). Some of the potential habitat was searched for the species in this and in previous studies with negative results. Much potential habitat for *Penstemon gibbensii* within the PCA remains to be searched and should be visited during future investigations and monitoring programs. The PCA also includes an occurrence of a *Rhus trilobata* (skunkbrush) riparian shrubland, a historic occurrence of *Ptychocheilus lucius* (Colorado pikeminnow), and an occurrence of *Bolophyta ligula* (feverfew).

Primary Area 8,172.26 Acres 3,307.21 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B1: Outstanding Biodiversity Significance

Biodiversity Significance Comments

This site contains an excellent occurrence of a plant species which is critically imperiled on a global scale. This site also contains an occurrence of a plant species which is vulnerable on a global scale, a good occurrence of a plant community which is imperiled on a global scale, and a historical occurrence of a fish species which is critically imperiled on a global scale.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

Weeds are uncommon within the shale barrens where *Penstemon gibbensii* is found, but are abundant in the a

Offsite

No Data

Information Needs

Further surveys are needed to search for new occurrences of this species. A rangewide survey of all potential

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Spitzie Draw

Site Code S.USCOHP*811

habitat for this species is needed to identify all extant occurrences, and to establish baseline data on the population size, range, and degree of rarity of this species. Areas of apparently suitable habitat delineated in Spackman and Anderson (1999) should be visited. This will facilitate the development of effective protective measures for this species. A detailed autecological study of *Penstemon gibbensii* is needed to address more completely the conservation needs of this species. Such a study would include an investigation into all of the ecological parameters of *Penstemon gibbensii*, including pollination, seed dispersal, competition with other species, and nutrient relations. The preliminary investigations on the relationships between *Penstemon gibbensii* and other closely related taxa such as *Penstemon fremontii* and *Penstemon penlandii* need to be followed up with more detailed genetic analyses.

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>
16839	<i>RHUS TRILOBATA</i>	Skunkbrush Riparian Shrubland	G2	S2	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
23998	<i>Bolophyta ligulata</i>	Ligulate Feverfew	G3	S2	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	Yes

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
164144	Dorn, R.D. 1990. Report on the status of <i>Penstemon gibbensii</i> , a candidate threatened species. Unpublished.
173217	Spackman, S. and D. Anderson. 1999. Field Survey and Protection Recommendations for the Globally Imperiled Gibben's Beardtongue, <i>Penstemon gibbensii</i> Dorn in Colorado. Unpublished report for the Colorado Natural Areas Program. 36pp.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 05/16/2000

Version Author Spackman, S.C. and D.G. Anderson

Conservation Site Report

Name Sterling Place

Site Code S.USCOHP*810

IDENTIFIERS

Site ID 767 Site Class Standard site

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

Site Relations Encompasses most of the Green River at Hoy Bottom site (S.USCOHP*1750).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G8 Lodore School

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

14040106 Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

010N102W	16	6P	
010N102W	17	6P	
010N102W	18	6P	
010N102W	19	6P	
010N102W	20	6P	
010N102W	21	6P	
010N102W	28	6P	
010N102W	29	6P	
010N102W	30	6P	
010N102W	31	6P	
010N102W	32	6P	
010N102W	33	6P	
010N103W	23		
010N103W	24		
010N103W	25		
010N103W	26		
010N103W	36		
009N102W	05		
009N102W	06		

SITE DESCRIPTION

Minimum Elevation 5,400.00 Feet 1,646.00 Meters

Maximum Elevation 6,092.00 Feet 1,857.00 Meters

Site Description

This PCA consists primarily of flat bottomlands, with a prominent bluff running north-south through its center. The southern flank of Cold Spring Mountain also enters the north side of this PCA. The low elevation bottomlands in the southern part of the PCA support large areas of greasewood and sagebrush shrublands. Drainages with ephemeral creeks cut down through the surrounding uplands, exposing dramatic cliffs. Water from these drainages feeds the greasewood shrublands in the lowlands. Outcrops of whitish gray shale support a shale barrens plant community, in which a good quality occurrence of *Penstemon gibbensii* is found. The upland areas in the northern part of the PCA support pinyon/juniper woodlands. Pinyons and junipers are also found to a limited extent growing on the white shale substrate with *Penstemon gibbensii*, but they are a minor component of the community. Elevation in this PCA ranges from 5400 to 6200 feet. Roughly 2000 acres

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Sterling Place

Site Code S.USCOHP*810

are included within this PCA. The largest suboccurrence of *Penstemon gibbensii* in this PCA is found on the prominent white shale bluffs. Plants are only found on the steep, barren west facing slopes, growing in very fine textured powdery soil. The flat top of the bluff is capped with a layer of denser, reddish sandstone. No plants were found growing in this strata anywhere in Brown's Park. However, cobbles and gravel from this layer have washed into the lower white strata in which *Penstemon gibbensii* is found. Soils on the slopes of this bluff are highly susceptible to erosion because of their friability and the paucity of vegetation. Cryptogamic crusts were found in many places which probably lend some stability to the surface. This suboccurrence continues into rolling hills of shale-derived soils which are surrounded by greasewood flats, sagebrush, and scattered pinyons and junipers. Two other small suboccurrences of *Penstemon gibbensii* are found in this PCA. One is known only from an herbarium specimen label and has not been visited since 1978. Species associated with *Penstemon gibbensii* in the shale barrens habitat at Sterling Place include mule's ears (*Wyethia scabra*), locoweed (*Oxytropis lambertii*), milk vetch (*Astragalus* sp.), chainpod (*Hedysarum boreale*), phlox (*Phlox* sp.), rabbitbrush (*Chrysothamnus viscidiflorus*), milkweed (*Asclepias cryptoceras*), prince's plume (*Stanleya pinnata*), prickly gilia (*Leptodactylon* sp.), snakeweed (*Gutierrezia sarothrae*), wild buckwheat (*Eriogonum* spp.), Indian ricegrass (*Oryzopsis hymenoides*), spurge (*Euphorbia* sp.), bedstraw (*Galium* sp.), twinpod (*Physaria* sp.), mountain mahogany (*Cercocarpus montanus*), horsebrush (*Tetradymia canescens*), Utah juniper (*Juniperus osteosperma*), and pinyon pine (*Pinus edulis*). The full extent of this occurrence as drawn on maps by Neely (1986) and Dorn (1990) was apparently not occupied by *Penstemon gibbensii* in 1999. This observation may be due to failure to find plants when they are not in flower, normal shifts in plant distribution from year to year, or localized extirpation of plants. [Neely 1994:]Site is located on 0-15 degree sandy loam slopes on the Browns Park shale formation and Tuffaceous SS. Additional associated taxa of *Juniperus*, *Pinus*, *Wyethia*, *Hedysarum*, and *Eriogonum* can be found here.

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 05/16/2000

Designer Spackman, S.C. and D.G. Anderson

Boundary Justification

The boundary is drawn to include the extent of the occurrences of *Penstemon gibbensii* in the PCA. Potential habitat for *Penstemon gibbensii* that was identified during this and previous surveys is also included within the boundary. Potential habitat areas include the shale barrens southwest of State Route 318, the southern flank of Cold Spring Mountain, and in shale barrens south of the known occurrences and east of State Route 318 (ir section 29). Management decisions in the adjacent greasewood, sagebrush, and pinyon/juniper communities included within this PCA can easily have effects on the small shale barren areas among them. Trampling, increased erosion, and grazing by cattle within the PCA pose potential threats to *Penstemon gibbensii*. Thus, adjacent areas are included within the PCA in which management decisions must be made to insure the security of this occurrence. Also included within this PCA are an occurrence of *Spea intermontana* (Great Basin spadefoot), a *Scirpus maritimus* emergent wetland, and an occurrence of *Perognathus parvus* (Great Basin pocket mouse).

Primary Area 5,584.46 Acres

2,259.96 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a plant species which is critically imperiled on a global scale. This site also contains historical occurrences of mammal and amphibian species which are critically imperiled to vulnerable in Colorado.

Other Values Rank No Data

Conservation Site Report

Name Sterling Place

Site Code S.USCOHP*810

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

Weed species found within the PCA that pose a threat to *Penstemon gibbensii* are cheat grass (*Anisantha tect*

Offsite

No Data

Information Needs

No Data

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>
16988	<i>Perognathus fasciatus callistus</i>	Olive-backed Pocket Mouse Subsp	G5T3T4	S2?	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
21598	<i>Spea intermontana</i>	Great Basin Spadefoot	G5	S3	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	Yes
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
20176	<i>Penstemon gibbensii</i>	Gibben's Beardtongue	G1	S1	No
24171	<i>Perognathus parvus</i>	Great Basin Pocket Mouse	G5	S1	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
164144	Dorn, R.D. 1990. Report on the status of <i>Penstemon gibbensii</i> , a candidate threatened species. Unpublished.
173217	Spackman, S. and D. Anderson. 1999. Field Survey and Protection Recommendations for the Globally Imperiled Gibben's Beardtongue, <i>Penstemon gibbensii</i> Dorn in Colorado. Unpublished report for the Colorado Natural Areas Program. 36pp.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 05/16/2000

Version Author Spackman, S.C. and D.G. Anderson

Conservation Site Report

Name Stinking Gulch

Site Code S.USCOHP*5803

IDENTIFIERS

Site ID 2032 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C6 Monument Butte

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

005N092W	33	6P	
----------	----	----	--

005N092W	34	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Alkaline basin located between Stinking Gulch and intermittent stream. Stinking Gulch flows at the base of Iles Mountain. Highway 13/789 borders site to the south.

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 Culver, D.R.

Boundary Justification

The boundary encompasses the element and a buffer of at least 1000 ft. to protect site from direct disturbances.

Primary Area 393.08 Acres 159.07 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A fair (C-ranked) occurrence of a state rare (G5S3) plant community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Stinking Gulch

Site Code S.USCOHP*5803

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Offsite alterations of hydrology need to be addressed.

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>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>
	17188	<i>DISTICHLIS SPICATA</i>	Salt Meadows	G5	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Culver, D.R.

Conservation Site Report

Name Stinking Gulch at Monument Butte

Site Code S.USCOHP*5813

IDENTIFIERS

Site ID 780 Site Class Standard site

Site Alias Stinking Gulch

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C6 Monument Butte

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

003N091W	06		
003N092W	01		
004N092W	23		
004N092W	25		
004N092W	26		
004N092W	35		
004N092W	36		

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site contains a small and narrow strip of an element and many introduced 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 09/25/1996

Designer Culver, D.R.

Boundary Justification

The boundary encompasses the element and provides a buffer for direct disturbances.

Primary Area 951.23 Acres 384.95 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A good (B-ranked) occurrence of a globally vulnerable (G3QS3) plant community.

Conservation Site Report

Name Stinking Gulch at Monument Butte

Site Code S.USCOHP*5813

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Altered hydrology upstream might be a concern.

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
19429	<i>SPOROBOLUS AIROIDES SOUTHERN PLAINS</i>	Great Plains Salt Meadows	G3Q	S3	No
24138	<i>JUNCUS BALTICUS</i>	Western Slope Wet Meadows	G5	S5	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Culver, D.R.

Conservation Site Report

Name Sugarloaf Butte Southeast

Site Code S.USCOHP*6646

IDENTIFIERS

Site ID 664 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H6 Sugarloaf Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N101W	26	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Brown's Park formation and in association with Artemisia nova, Stipa comata, and Oryzopsis.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 108.99 Acres 44.10 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

An extant occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Sugarloaf Butte Southeast

Site Code S.USCOHP*6646

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
21409	<i>Penstemon acaulis</i> var. <i>yampaensis</i>	Penland's Beardtongue	G3Q	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name Sugarloaf Buttes South

Site Code S.USCOHP*817

IDENTIFIERS

Site ID 1216 Site Class Standard site

Site Alias Sugarloaf Buttes Macrosite

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H6 Sugarloaf Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N101W	21	6P	
----------	----	----	--

011N101W	22	6P	
----------	----	----	--

011N101W	27	6P	
----------	----	----	--

011N101W	28	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Brown's Park formation and in association with Astragalus artoides, Artemisia nova, and Stipa comata.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 136.51 Acres 55.25 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

A good (B-ranked) occurrence of a globally vulnerable (G3QS3) element.

Other Values Rank No Data

Conservation Site Report

Name Sugarloaf Buttes South

Site Code S.USCOHP*817

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
21409	<i>Penstemon acaulis var. yampaensis</i>	Penland's Beardtongue	G3Q	S3	No
24714	ARTEMISIA NOVA/STIPA COMATA	Western Slope Sagebrush Shrublands	G3?	S2?	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Talamantes Creek

Site Code S.USCOHP*822

IDENTIFIERS

Site ID 574 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H7 Sparks

40108-H6 Sugarloaf Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N101W	08	6P	
----------	----	----	--

011N101W	09	6P	
----------	----	----	--

011N101W	16	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Laman Tongue of the Green River formation on a gently sloping footslope.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 285.63 Acres 115.59 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a fair (C-ranked) occurrence of a globally vulnerable (G3S2) natural community.

Other Values Rank No Data

Conservation Site Report

Name Talamantes Creek

Site Code S.USCOHP*822

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name Talamantes Creek South

Site Code S.USCOHP*6651

IDENTIFIERS

Site ID 1692 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H7 Sparks

40108-H6 Sugarloaf Butte

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

Township/Range Section Meridian Note

011N101W 21 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the small flat basin along a creek. The geology of the area consists of quaternary alluvium.

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 01/21/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 152.50 Acres 61.71 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good (B-ranked) occurrence of a state imperiled (G4S2) plant community.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Talamantes Creek South

Site Code S.USCOHP*6651

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
20145	<i>PASCOPYRUM SMITHII</i>	Western Slope Grasslands	G3G5Q	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/21/1997

Version Author Loar, A.M.

Conservation Site Report

Name The Nipple

Site Code S.USCOHP*794

IDENTIFIERS

Site ID 318 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G2 The Nipple

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N096W	05	6P	
----------	----	----	--

010N096W	06	6P	
----------	----	----	--

010N096W	07	6P	
----------	----	----	--

010N096W	08	6P	
----------	----	----	--

010N096W	17	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on 3-5 degree slopes of the Laney member of the Green River formation at 6800 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

The site includes the known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 695.74 Acres 281.56 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a good to fair occurrence of a globally imperiled (G2? S2?) natural community and a good occurrence of a globally vulnerable (G3 S2S3) natural community.

Other Values Rank No Data

Conservation Site Report

Name The Nipple

Site Code S.USCOHP*794

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24522	<i>ATRIPLEX CONFERTIFOLIA/PSEUDOROEGNERIA SPICATA</i>	Cold Desert Shrublands	G3	S2S3	No
24655	<i>ATRIPLEX CONFERTIFOLIA/LEYMUS SALINUS</i>	Cold Desert Shrublands	G3G5	S3	No
24633	<i>ATRIPLEX GARDNERI/LEYMUS SALINUS</i>	Gardner's Mat Saltbush Shrublands	G2?	S2?	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name The Steps

Site Code S.USCOHP*751

IDENTIFIERS

Site ID 734 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D5 Indian Water Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

006N099W

16

6P

006N099W

17

6P

006N099W

19

6P

006N099W

20

6P

006N099W

21

6P

006N099W

29

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Weber formation with sandy soils of slick rock in association with Pinus, Cercocarpus intircatus, Juniperus, Petrophyton, Gutierrezia, Petradoria, Ephedra, Fendlerella, Forsellesia, and Echinocereus.

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 12/18/1996

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbance.

Primary Area 832.99 Acres 337.10 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

An excellent (A-ranked) occurrence of a globally vulnerable (G3S1) element.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name The Steps

Site Code S.USCOHP*751

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
17163	<i>Trifolium andinum</i>	Mountain Clover	G3	S1	Yes
24309	<i>Eriogonum tumulosum</i>	Woodside Buckwheat	G3Q	S2	No

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/18/1996

Version Author Loar, A.M.

Conservation Site Report

Name Tipton

Site Code S.USCOHP*4620

IDENTIFIERS

Site ID 1373

Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

NCA Site ID

NCA Site Code

NCA Site Name

-

No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-F4 McInturf Mesa

40107-F3 Slide Mountain

County

Moffat (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

Township/Range

Section

Meridian

Note

008N089W

04

008N089W

05

008N089W

07

008N089W

08

008N089W

09

008N089W

16

008N089W

17

008N089W

18

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located within a native grass meadow with sage in the draws.

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 06/01/1996

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the occurrence from direct disturbances.

Primary Area 1,884.15 Acres 762.49 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Tipton

Site Code S.USCOHP*4620

Biodiversity Significance Comments

An unranked occurrence of a globally vulnerable (G4T3) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
21307	<i>Tympanuchus phasianellus columbianus</i>	Columbian Sharp-tailed Grouse	G4T3	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 06/01/1996

Version Author Loar, A.M.

Conservation Site Report

Name Upper Fish Creek

Site Code S.USCOHP*5913

IDENTIFIERS

Site ID 1133 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C2 Dunckley

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

003N087W

02

003N087W

03

004N087W

28

004N087W

33

004N087W

34

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Riparian site that is located in a steep, narrow canyon adjacent to Fish Creek. It is moderately to heavily grazed. County road borders the site.

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 Culver, D.R.

Boundary Justification

Boundaries drawn to protect the element and upslope to protect from direct disturbances.

Primary Area 458.98 Acres 185.74 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a plant community which is vulnerable on a global scale.

Other Values Rank No Data

Conservation Site Report

Name Upper Fish Creek

Site Code S.USCOHP*5913

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Offsite alterations to hydrology need to be considered.

Information Needs

No Data

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>
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data
Version Date 09/25/1996
Version Author Culver, D.R.

Conservation Site Report

Name Vermillion and Dry Creek Ridge

Site Code S.USCOHP*816

IDENTIFIERS

Site ID 49 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H5	Hiawatha
40108-H6	Sugarloaf Butte
40108-G6	Irish Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040109	Vermilion
----------	-----------

Township/Range Section Meridian Note

011N100W	14	6P	
011N100W	15	6P	
011N100W	20	6P	
011N100W	21	6P	
011N100W	22	6P	
011N100W	23	6P	
011N100W	27	6P	
011N100W	28	6P	
011N100W	29	6P	
011N100W	32	6P	
011N100W	33	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Niland member of the Wasatch formation on a gently sloping plateau.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Vermillion and Dry Creek Ridge

Site Code S.USCOHP*816

Primary Area 2,044.83 Acres 827.52 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Rank is based on a fair (C-ranked) occurrence of a globally vulnerable (G3S2) natural community.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	No
24864	<i>ATRIPLEX GARDNERI/ORYZOPSIS HYMENOIDES</i>	Gardner's Mat Saltbush Shrublands	G3	S2	No

REFERENCES

Reference ID **Full Citation**

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Vermillion Bluffs

Site Code S.USCOHP*797

IDENTIFIERS

Site ID 1493 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G5 G Spring

County

Moffat (CO)

Watershed Code Watershed Name

14050003 Little Snake

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N100W	10	6P	
----------	----	----	--

010N100W	11	6P	
----------	----	----	--

010N100W	12	6P	
----------	----	----	--

010N100W	13	6P	
----------	----	----	--

010N100W	14	6P	
----------	----	----	--

010N100W	15	6P	
----------	----	----	--

010N100W	23	6P	
----------	----	----	--

010N100W	24	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on flat ridges and steep slopes of draws.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 1,275.37 Acres 516.13 Hectares

SITE SIGNIFICANCE

Conservation Site Report

Name Vermillion Bluffs

Site Code S.USCOHP*797

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a plant community which is vulnerable on a global scale.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
24522	ATRIPLEX CONFERTIFOLIA/PSEUDOROEGNERIA SPICATA	Cold Desert Shrublands	G3	S2S3	Yes

REFERENCES

Reference ID **Full Citation**

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Vermillion Bluffs East

Site Code S.USCOHP*6685

IDENTIFIERS

Site ID 746 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H4 Coffeepot Spring

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N098W	04	6P	
----------	----	----	--

011N098W	05	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Cathedral Bluffs member of the Wasatch formation on clayey shale and in association with Artemisia, Haploppapus, Agropyron, and Atriplex.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 111.62 Acres 45.17 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

Biodiversity rank is based on a good (B-ranked) occurrence of a state rare (G4S2) plant species.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Vermillion Bluffs East

Site Code S.USCOHP*6685

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Vermillion Bluffs West

Site Code S.USCOHP*6684

IDENTIFIERS

Site ID 1590 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G5 G Spring

40108-G6 Irish Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

Township/Range Section Meridian Note

010N100W 15 6P

010N100W 16 6P

010N100W 21 6P

010N100W 22 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Cathedral Bluffs member of the Wasatch formation and in association with *Atriplex gardneri* and *Bromus tectorum*.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 547.48 Acres 221.56 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A fair (C-ranked) occurrence of a globally vulnerable (G3/S2S3) plant community and a good (B-ranked) occurrence of a state rare (G4S2) plant species.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Vermillion Bluffs West

Site Code S.USCOHP*6684

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24522	<i>ATRIPLEX CONFERTIFOLIA/PSEUDOROEGNERIA SPICATA</i>	Cold Desert Shrublands	G3	S2S3	No
21905	<i>Oreocarya caespitosa</i>	Caespitose Cat's-eye	G4	S2	No
24655	<i>ATRIPLEX CONFERTIFOLIA/LEYMUS SALINUS</i>	Cold Desert Shrublands	G3G5	S3	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Vermillion Creek

Site Code S.USCOHP*803

IDENTIFIERS

Site ID 1419 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-G6 Irish Canyon

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

010N101W	12	6P	
----------	----	----	--

010N100W	07	6P	
----------	----	----	--

010N100W	08	6P	
----------	----	----	--

010N100W	17	6P	
----------	----	----	--

010N100W	18	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

This site consists 0-5 degree Mancos formation shale slopes with a beach above a gullied draw and the riparian area with slick clay and 'quicksand' bottoms.

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

The boundary includes all known occurrences and a buffer zone to protect from direct disturbances.

Primary Area 694.10 Acres 280.89 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

A "C" ranked occurrence of a G1 natural community.

Other Values Rank No Data

Conservation Site Report

Name Vermillion Creek

Site Code S.USCOHP*803

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
24872	<i>SALIX EXIGUA/MESIC GRAMINOID</i>	Coyote Willow/Mesic Graminoid	G5	S5	No
24664	<i>ARTEMISIA TRIDENTATA SSP. WYOMINGENSIS/PASCOPYRUM SMITHII</i>	Sagebrush Bottomland Shrublands	G4	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Loar, A.M.

Conservation Site Report

Name Vermillion Creek Falls

Site Code S.USWRO1*17

IDENTIFIERS

Site ID 445 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-F7 Jack Springs

40108-G7 Big Joe Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

Township/Range Section Meridian Note

009N101W 07 6P

009N101W 08 6P

009N101W 16 6P

009N101W 17 6P

009N101W 18 6P

009N101W 20 6P

009N101W 21 6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the Browns Park formation on a flat bench above a creek.

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 727.47 Acres 294.40 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Conservation Site Report

Name Vermillion Creek Falls

Site Code S.USWRO1*17

Biodiversity Significance Comments

Rank is based on a good (B-ranked) occurrence of a globally imperiled (G1G2) natural community.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
24878	<i>ATRIPLEX CONFERTIFOLIA/STIPA COMATA</i>	Cold Desert Shrublands	G2	S1S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name West Boone Draw

Site Code S.USCOHP*789

IDENTIFIERS

Site ID 397 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-F5 Sheephead Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040109 Vermilion

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

008N100W	01	6P	
----------	----	----	--

008N099W	06	6P	
----------	----	----	--

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 01/18/1997

Designer Loar, A.M.

Boundary Justification

The boundary includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 120.51 Acres 48.77 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

Rank is based on an extant occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name West Boone Draw

Site Code S.USCOHP*789

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/18/1997

Version Author Loar, A.M.

Conservation Site Report

Name Whiskey Spring

Site Code S.USCOHP*5825

IDENTIFIERS

Site ID 537 Site Class Standard site

Site Alias None

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E6 Greystone

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

14050002 Lower Yampa

Township/Range Section Meridian Note

007N101W

03

6P

007N101W

10

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Spring fed sandstone ledges.

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 09/22/1996

Designer Fayette, K.K.

Boundary Justification

The site boundary includes the known element occurrences and a spring. The hydrology of the site should not be altered and the water quality should be maintained. A buffer of at least 1000 feet is included to protect the site from direct disturbances.

Primary Area 82.58 Acres 33.42 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

An unranked occurrence of a G4 element.

Other Values Rank No Data

Conservation Site Report

Name Whiskey Spring

Site Code S.USCOHP*5825

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

<u>Element</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Global Rank</u>	<u>State Rank</u>	<u>Driving Site Rank</u>
16701	<i>Juncus bryoides</i>	Minute Rush	G4	S1	Yes

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/22/1996

Version Author Fayette, K.K.

Conservation Site Report

Name Whiskey Springs East

Site Code S.USCOHP*775

IDENTIFIERS

Site ID 1058 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E6 Greystone

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

007N101W

01

6P

007N101W

02

6P

007N101W

11

6P

007N101W

12

6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 11/15/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrences and a buffer to protect the site from direct disturbances.

Primary Area 127.07 Acres 51.42 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site supports an extant occurrence of a globally imperiled (G2S2) plant species.

Other Values Rank No Data

Other Values Comments

No Data

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Whiskey Springs East

Site Code S.USCOHP*775

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 11/15/1997

Version Author Loar, A.M.

Conservation Site Report

Name Williams Fork

Site Code S.USCOHP*702

IDENTIFIERS

Site ID 726 Site Class Standard site

Site Alias Wise Gulch

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C4	Pagoda
40107-C5	Hamilton
40107-D5	Castor Gulch
40107-D6	Round Bottom
40107-C6	Monument Butte

County

Moffat (CO)

Routt (CO)

Watershed Code Watershed Name

1405001	Upper Yampa
---------	-------------

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
005N090W	19	6P	
005N090W	20	6P	
005N090W	21	6P	
005N090W	22	6P	
005N090W	23	6P	
005N090W	25	6P	
005N090W	26	6P	
005N090W	27	6P	
005N090W	28	6P	
005N090W	29	6P	
005N090W	30	6P	
005N090W	34	6P	
005N090W	35	6P	
005N090W	36	6P	
005N091W	16	6P	
005N091W	17	6P	
005N091W	20	6P	
005N091W	21	6P	
005N091W	22	6P	
005N091W	23	6P	
005N091W	24	6P	
005N091W	25	6P	
005N091W	26	6P	
005N091W	27	6P	
005N091W	28	6P	
004N089W	07	6P	
004N089W	08	6P	
004N089W	09	6P	

Conservation Site Report

Name Williams Fork

Site Code S.USCOHP*702

004N089W	16	6P
004N089W	17	6P
004N089W	18	6P
004N089W	19	6P
004N089W	20	6P
004N089W	29	6P
004N089W	30	6P
005N089W	30	6P
005N089W	31	6P
005N089W	32	6P
004N089W	15	6P
004N089W	10	6P

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site includes quaternary alluvium slopes along a moderately wide river valley.

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 12/05/1996

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrences and a buffer to protect the site from direct disturbances and allow for longitudinal movement of riparian communities.

Primary Area 10,104.59 Acres 4,089.20 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains 3 fair occurrences of plant communities which are imperiled on a global scale.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Conservation Site Report

Name Williams Fork

Site Code S.USCOHP*702

Information Needs

No Data

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>
24470	ARTEMISIA TRIDENTATA SSP. WYOMINGENSIS/PSEUDOROEGNERIA SPICATA	Xeric Sagebrush Shrublands	G4	S3?	No
24479	ACER NEGUNDO-POPULUS ANGUSTIFOLIA/CORNUS SERICEA	Narrowleaf Cottonwood Riparian Forests	G2	S2	No
24479	ACER NEGUNDO-POPULUS ANGUSTIFOLIA/CORNUS SERICEA	Narrowleaf Cottonwood Riparian Forests	G2	S2	Yes
24479	ACER NEGUNDO-POPULUS ANGUSTIFOLIA/CORNUS SERICEA	Narrowleaf Cottonwood Riparian Forests	G2	S2	Yes
24727	POPULUS ANGUSTIFOLIA/CRATAEGUS RIVULARIS	Narrowleaf Cottonwood Riparian Forests	G2?	S2	No
24546	ARTRT/ELCI2 PHASE SYMPHORICARPOS OREOPHILUS	Sagebrush Bottomland Shrublands	GU	SNR	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/05/1996

Version Author Loar, A.M.

Conservation Site Report

Name Williams Park

Site Code S.USCOHP2*1633

IDENTIFIERS

Site ID 599 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-C2 Dunckley

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
004N088W	23	6P	
004N088W	24	6P	
004N088W	25	6P	
004N088W	26	6P	
004N088W	35	6P	
004N088W	36	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site contains moderately dense willows along a riparian corridor.

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 12/05/1996

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbance.

Primary Area 232.56 Acres 94.11 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

Biodiversity Significance Comments

A fair (C-ranked) occurrence of a globally vulnerable (G3S3) plant community.

Conservation Site Report

Name Williams Park

Site Code S.USCOHP2*1633

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/05/1996

Version Author Loar, A.M.

Conservation Site Report

Name Willow and Beaver Creeks

Site Code S.USCOHP*5898

IDENTIFIERS

Site ID 1105 Site Class Standard site

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

Site Relations Contained in the Steamboat Lake site (S.USCOHP*696).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40106-G8 Hahns Peak

County

Routt (CO)

Watershed Code Watershed Name

14050001 Upper Yampa

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
009N085W	03	6P	
009N085W	04	6P	
009N085W	05	6P	
009N085W	06	6P	
009N085W	10	6P	
010N085W	26	6P	
010N085W	27	6P	
010N085W	31	6P	
010N085W	32	6P	
010N085W	33	6P	
010N085W	34	6P	

SITE DESCRIPTION

Minimum Elevation 7,920.00 Feet 2,414.00 Meters

Maximum Elevation 8,160.00 Feet 2,487.00 Meters

Site Description

The Steamboat Lake site encompasses approximately 8.8 km (5.5 mi.) of wetland habitat. The site is located in a broad valley south of Steamboat Lake and west of Pearl Lake. Willow, Beaver, and Larson Creeks meander through the site. The willow carr on Willow and Larson Creeks is one of the best examples observed for Routt County. The willow carr on Beaver Creek is small, and located between two forks of Beaver Creek. It is separated from the Willow Creek carr by housing development. Both carrs are located downslope from reservoirs and are moderately to heavily impacted by grazing and subdivisions.

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 10/15/1996

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Willow and Beaver Creeks

Site Code S.USCOHP*5898

Designer Culver, D.R.

Boundary Justification

Boundaries are drawn to encompass the elements and provide a buffer of at least 100 feet.

Primary Area 1,542.23 Acres 624.12 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good occurrence of a community which is vulnerable on a global scale. This site encompasses a B-ranked occurrence of a G3/S3 community of *Salix boothii*-*Salix geyeriana* and BC-ranked occurrences of G3/S3 community (*Salix wolfii*/mesic forb) and a G3/S3 community (*Salix boothii*/mesic graminoid). There is a B-ranked occurrence of *Grus canadensis tabida* (greater sandhill crane) within the site. The sandhill crane is a federally sensitive and a Colorado threatened species. The site contains one of the most extensive and highest quality occurrence of a willow carr observed along the Elk River and within Routt County. This wetland is important for flood abatement, groundwater recharge, wildlife and fish habitat, and contributes to the aesthetic quality of this portion of Routt County.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	Yes
24614	<i>SALIX BOOTHII/MESIC GRAMINOID</i>	Riparian Willow Carr	G3?	S3	No
24572	<i>SALIX WOLFII/MESIC FORB</i>	Subalpine Riparian Willow Carr	G3	S3	No

REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
170859	Culver, D.R. 1996. Colorado Natural Heritage Program Field Survey of Routt County Wetlands.

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 10/15/1996

Version Author Culver, D.R.

Conservation Site Report

Name Willow Spring at Cold Spring Mountain

Site Code S.USCOHP*7462

IDENTIFIERS

Site ID 1905 Site Class Standard site

Site Alias Willow Spring

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-H8 Beaver Basin

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
-----------------------	----------------	-----------------	-------------

011N102W	19		
011N102W	20		
011N102W	29		
011N102W	30		

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on red sandstone and in association with Solidago, Rosa, Stipa, Holodiscus, and Juniperus

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 02/25/1997

Designer Loar, A.M.

Boundary Justification

The site includes the known element occurrence and a buffer to protect the site from direct disturbances.

Primary Area 95.15 Acres 38.50 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

A good(B-ranked) occurrence of a globally imperiled (G2S2) element.

Other Values Rank No Data

Other Values Comments

No Data

Conservation Site Report

Name Willow Spring at Cold Spring Mountain

Site Code S.USCOHP*7462

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element			Global	State	Driving
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 02/25/1997

Version Author Loar, A.M.

Conservation Site Report

Name Yampa River at Lily Park

Site Code S.USCOHP*741

IDENTIFIERS

Site ID 1976 Site Class Standard site

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

Site Relations No Data

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-D4 Twelvemile Mesa

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

14050003 Little Snake

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
006N098W	05	6P	
006N098W	07	6P	
006N098W	08	6P	
006N098W	17	6P	
006N098W	18	6P	
006N098W	19	6P	
006N098W	20	6P	
006N098W	21	6P	
006N098W	22	6P	
006N098W	23	6P	
006N098W	30	6P	
006N099W	24	6P	
006N099W	25	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

No Data

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 12/17/1996

Designer Loar, A.M.

Conservation Site Report

Name Yampa River at Lily Park

Site Code S.USCOHP*741

Boundary Justification

The boundary includes the known element occurrences and a buffer to protect the site from direct disturbance.

Primary Area 1,963.32 Acres 794.53 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

Biodiversity rank is based on historical occurrences of three globally critically imperiled (G1) species.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
19424	<i>Gila cypha</i>	Humpback Chub	G1	S1	Yes
23729	<i>Xyrauchen texanus</i>	Razorback Sucker	G1	S1	Yes
20983	<i>Ptychocheilus lucius</i>	Colorado Pikeminnow	G1	S1	Yes
23729	<i>Xyrauchen texanus</i>	Razorback Sucker	G1	S1	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 12/17/1996

Version Author Loar, A.M.

Conservation Site Report

Name Yampa River at Little Juniper Canyon

Site Code S.USCOHP*5804

IDENTIFIERS

Site ID 76 Site Class Standard site

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

Site Relations Contained in the Middle Yampa River PCA (S.USCOHP*7521).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40107-D8 Juniper Hot Springs

40108-D1 Juniper Mountain

County

Moffat (CO)

Watershed Code Watershed Name

14050002 Lower Yampa

Township/Range Section Meridian Note

006N094W

17

006N094W

18

006N095W

13

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

Narrow, steep sided canyon on south side of Little Juniper Mountain. Site extends for one mile along Yampa. The Maybell Ditch flows on north side of Yampa.

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 Culver, D.R.

Boundary Justification

The boundary encompasses all elements and a buffer upslope along canyon sides to protect against direct disturbances.

Primary Area 335.88 Acres 135.92 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

This site contains a good (B-ranked) occurrence of a globally imperiled (G2S2) natural community.

Other Values Rank No Data

Conservation Site Report

Name Yampa River at Little Juniper Canyon

Site Code S.USCOHP*5804

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Offsite hydrological alterations need to be addressed.

Information Needs

No Data

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>
22584	<i>Astragalus wetherillii</i>	Wetherill's Milkvetch	G3	S3	No
24842	<i>ARTEMISIA TRIDENTATA SSP. WYOMINGENSIS/ELYMUS LANCEOLATUS</i>	Western Slope Sagebrush Shrublands	G4	S1	No
24659	<i>SALIX EXIGUA/BARE GROUND</i>	Coyote Willow/Bare Ground	G5	S5	No
16839	<i>RHUS TRILOBATA</i>	Skunkbrush Riparian Shrubland	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 09/25/1996

Version Author Culver, D.R.

Conservation Site Report

Name Zenobia Peak and Douglas Mountain

Site Code S.USCOHP*5823

IDENTIFIERS

Site ID 1635 Site Class Standard site

Site Alias Zenobia Peak East

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Canyon of Lodore site (S.USCOHP*793) and the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E7	Zenobia Peak
40108-E8	Canyon of Lodore South
40108-F7	Jack Springs

County

Moffat (CO)

Watershed Code Watershed Name

14050002	Lower Yampa
14040106	Upper Green-Flaming Gorge Reservoir

Township/Range Section Meridian Note

008N102W	21	6P	
008N102W	22	6P	
008N102W	27	6P	
008N102W	28	6P	
008N102W	29	6P	
008N102W	32	6P	
008N102W	33	6P	
008N102W	34	6P	
007N102W	04	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on the following geological formations: Madison limestone, Lodore formation, and the Uinta Mountain group. This site includes the following associated taxa: Pinus ponderosa, Cercocarpus montanus, Artemesia, Koeleria, Petradoria, and Symphoricarpus.

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 01/15/1997

Designer Loar, A.M.

Conservation Site Report

Name Zenobia Peak and Douglas Mountain

Site Code S.USCOHP*5823

Boundary Justification

The boundary includes all known occurrences and a buffer to protect the site from direct disturbances.

Primary Area 1,446.65 Acres 585.44 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

Biodiversity Significance Comments

Excellent (A-ranked) occurrences of a state rare (G4T?S2) subspecies.

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

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>
23565	<i>Pellaea breweri</i>	Brewer's Cliff-brake	G5	S2	No
16701	<i>Juncus bryoides</i>	Minute Rush	G4	S1	No
22147	<i>Penstemon scariosus var. cyanomontanus</i>	Plateau Penstemon	G4T2	S2	No
22147	<i>Penstemon scariosus var. cyanomontanus</i>	Plateau Penstemon	G4T2	S2	No

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/15/1997

Version Author Loar, A.M.

Conservation Site Report

Name Zenobia Peak East

Site Code S.USWRO1*583

IDENTIFIERS

Site ID 659 Site Class Standard site

Site Alias Chicken Springs

Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
606	S.USCOHP*749	Yampa River in Dinosaur

Site Relations Contained in the Yampa River in Dinosaur megasite (S.USCOHP*749).

LOCATORS

Nation United States

State Colorado

Quad Code Quad Name

40108-E7 Zenobia Peak

County

Moffat (CO)

Watershed Code Watershed Name

14040106 Upper Green-Flaming Gorge Reservoir

<u>Township/Range</u>	<u>Section</u>	<u>Meridian</u>	<u>Note</u>
008N102W	22	6P	
008N102W	23	6P	
008N102W	26	6P	
008N102W	27	6P	
008N102W	34	6P	
008N102W	35	6P	

SITE DESCRIPTION

Minimum Elevation - Feet - Meters

Maximum Elevation - Feet - Meters

Site Description

The site is located on red sandstone and in association with Symphoricarpos, Artemesia, Pinus, Poa, and Carex.

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 01/15/1997

Designer Loar, A.M.

Boundary Justification

The site boundary includes the known element occurrence and a buffer to protect the site from direct disturbance.

Primary Area 340.52 Acres 137.81 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B2: Very High Biodiversity Significance

Biodiversity Significance Comments

A "B+" ranked occurrence of a G2 element.

Copyright © 2005. Colorado State University. Colorado Natural Heritage Program. All Rights Reserved.

Conservation Site Report

Name Zenobia Peak East

Site Code S.USWRO1*583

Other Values Rank No Data

Other Values Comments

No Data

MANAGEMENT/PROTECTION

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ELEMENTS OF BIODIVERSITY

Element <u>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>
22445	<i>Oenothera acutissima</i>	Narrow-leaf Evening Primrose	G2	S2	Yes

REFERENCES

Reference ID Full Citation

- No Data

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

Lead Responsibility No Data

Version Date 01/15/1997

Version Author Loar, A.M.