

Level 4 Potential Conservation Area (PCA) Report

Name East Brush Creek

Site Code S.USWRO1*1491

IDENTIFIERS

Site ID 538 Site Class PCA
Site Alias None

Network of Conservation Areas (NCA)

| <u>NCA Site ID</u> | <u>NCA Site Code</u> | <u>NCA Site Name</u> |
|--------------------|----------------------|----------------------|
| 1806 | S.USCOHP*4413 | Upper Fryingpan |

LOCATORS

Nation United States Latitude 393153N
State Colorado Longitude 1064204W

| <u>Quad Code</u> | <u>Quad Name</u> |
|------------------|-------------------|
| 39106-E7 | The Seven Hermits |
| 39106-E6 | Fulford |

County

Eagle (CO)

| <u>Watershed Code</u> | <u>Watershed Name</u> |
|-----------------------|-----------------------|
| 14010003 | Eagle |

SITE DESCRIPTION

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

Site Description

Heavily vegetated, steep red sandstone slopes drop into East Brush Creek. The south-facing slopes are dominated by oak/mountain mahogany (*Quercus gambelii*/*Cercocarpus montanus*-*Carex geyeri*) and the north-facing slopes are covered by Douglas-fir (*Pseudotsuga menziesii*) and scattered aspen (*Populus tremuloides*) patches. The riparian area is dominated by narrowleaf cottonwood, aspen, and willows. This site includes an elevation range of 7,400-9,400 feet and 2,659 acres.

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 02/28/2000
Designer Fayette, K.K.

Boundary Justification

This boundary includes the stretch of East Brush Creek that includes the riparian occurrences and the adjacent uplands to include the oak/mountain mahogany community. The upper watershed of East Brush Creek is extremely important in the continued quality of the occurrences downstream. The upland community of oakbrush and mountain mahogany continues along the slopes above West Brush Creek as well. These are not included in the boundaries as the area covered is quite large.

| | | |
|--------------|----------------|-------------------|
| Primary Area | 2,660.25 Acres | 1,076.57 Hectares |
|--------------|----------------|-------------------|

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

This site contains several good occurrences of plant communities which are vulnerable on a global scale. This site also contains a fair occurrence of a plant species which is vulnerable on a global scale.

Other Values Rank No Data

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Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

Hydrological processes originating outside of the planning boundary, including water quality, quantity, and timing, must be managed to maintain population and community viability.

Information Needs

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

| <u>Element</u> | | | <u>Global</u> | <u>State</u> | <u>Driving</u> |
|-----------------|--|------------------------------|---------------|--------------|------------------|
| <u>State ID</u> | <u>State Scientific Name</u> | <u>State Common Name</u> | <u>Rank</u> | <u>Rank</u> | <u>Site Rank</u> |
| 19662 | <i>Penstemon harringtonii</i> | Harrington beardtongue | G3 | S3 | No |
| 24882 | <i>Salix monticola</i> / <i>Carex utriculata</i> Shrubland | Montane Riparian Willow Carr | G3 | S3 | Yes |
| 24541 | <i>Populus angustifolia</i> / <i>Alnus incana</i> Woodland | Montane Riparian Forest | G3 | S3 | Yes |
| 24911 | <i>Populus tremuloides</i> / <i>Alnus incana</i> Forest | Montane Riparian Forests | G3 | S3 | Yes |

REFERENCES

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

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

| | |
|-----------------------|---------------|
| Version Date | 02/28/2000 |
| Version Author | Fayette, K.K. |

Disclaimer

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