

Level 4 Potential Conservation Area (PCA) Report

Name Dry Pole Creek Uplands

Site Code S.USCOHP*20268

IDENTIFIERS

Site ID 945 Site Class PCA
Site Alias None

Network of Conservation Areas (NCA)

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

LOCATORS

Nation United States Latitude 373832N
State Colorado Longitude 1062024W

Quad Code Quad Name

37106-F3 Del Norte

County

Rio Grande (CO)

Watershed Code Watershed Name

13010002 Alamosa-Trinchera

SITE DESCRIPTION

| | | |
|-------------------|---------------|-----------------|
| Minimum Elevation | 8,000.00 Feet | 2,438.00 Meters |
| Maximum Elevation | 8,893.00 Feet | 2,711.00 Meters |

Site Description

The site is located south of Del Norte on a large butte rising abruptly above the Rio Grande floodplain. Scattered piñon pine (*Pinus edulis*) and juniper (*Juniperus scopulorum*) occur on steep slopes and more densely on the top of the butte; otherwise grasses and forbs mainly dominate the vegetation. Two track roads occur below the site on the valley flats and a county road runs along the western side, but there is little sign of human disturbance on the slopes or on top of the butte.

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 01/01/2000

Designer Kettler, S.M.

Boundary Justification

The main threat to the plant species would be physical disturbance of the habitat. The boundary was delineated to include the known extent of the plant populations and enough of the adjacent area to incorporate portions of other habitat types. This additional habitat was included based on the assumption that pollinators of the rock-loving neoparrya and Weber's catseye may also require other types of habitat. The pollinators are unknown, consequently we are not certain that the amount of adjacent habitat is sufficient to support those species. With more information, these boundaries may change. The physical extent of the grassland is included in the site but ecological processes such as natural fire regimes may be difficult to mimic in the site alone.

Primary Area 986.39 Acres 399.18 Hectares

SITE SIGNIFICANCE

Biodiversity Significance Rank B3: High Biodiversity Significance

Biodiversity Significance Comments

The site contains good occurrences of two plant species vulnerable on a global scale and a good occurrence of a plant community vulnerable on a global scale.

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Other Values Rank No Data

Other Values Comments

No Data

LAND MANAGEMENT ISSUES

Land Use Comments

No Data

Natural Hazard Comments

No Data

Exotics Comments

No Data

Offsite

No Data

Information Needs

No Data

ASSOCIATED ELEMENTS OF BIODIVERSITY

| <u>Element</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> |
| 22904 | <i>Aletes lithophilus</i> | rock-loving neoparrya | G3 | S3 | Yes |
| 23977 | <i>Oreocarya weberi</i> | Weber's catseye | G3 | S3 | Yes |
| 22673 | <i>Hesperostipa neomexicana</i> Herbaceous Vegetation | Great Plains Mixed Grass Prairie | G3 | S3 | Yes |

REFERENCES

| <u>Reference ID</u> | <u>Full Citation</u> |
|---------------------|---|
| 165924 | Kettler, S., J. Rocchio, R. Schorr, J. Burt. 2000. Biological Inventory of Rio Grande and Conejos Counties, Colorado. Unpublished report prepared for The Nature Conservancy. 234 pp. |

ADDITIONAL TOPICS

Additional Topics

No Data

VERSION

| | |
|-----------------------|---------------|
| Version Date | 01/01/2000 |
| Version Author | Kettler, S.M. |

Disclaimer

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