

# Level 4 Potential Conservation Area (PCA) Report

Name Rio Grande at Embargo Creek

Site Code S.USCOHP\*20713

## IDENTIFIERS

Site ID 1019 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 374127N  
State Colorado Longitude 1063040W

<u>Quad Code</u>	<u>Quad Name</u>
37106-F4	Indian Head
37106-F5	South Fork East

### County

Rio Grande (CO)

<u>Watershed Code</u>	<u>Watershed Name</u>
13010001	Rio Grande headwaters

## SITE DESCRIPTION

Minimum Elevation	8,010.00 Feet	2,441.00 Meters
Maximum Elevation	8,080.00 Feet	2,463.00 Meters

### Site Description

The site is located along the Rio Grande and includes the broad floodplain in the area along with oxbows and a few back channels. Whiplash willow (*Salix lucida* var. *caudata*), coyote willow (*Salix exigua*), and thinlinealder (*Alnus incana*) occur around the edges of back channels and beaked sedge (*Carex utriculata*) is found in very wet areas. Narrowleaf cottonwood (*Populus angustifolia*) and a diverse number of mixed forbs occur on the floodplain between the main stem of the Rio Grande and the back channel. Coyote willow lines the banks of the main channel.

### 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 01/15/2000  
Designer Rocchio, F.J.

### Boundary Justification

The boundary encompasses a large portion of the Rio Grande's floodplain to protect potential habitat in which the element may establish.

Primary Area	1,177.74 Acres	476.62 Hectares
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## SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

### Biodiversity Significance Comments

The site supports a fair (C-ranked) example of a globally vulnerable (G3Q/S2S2) *Salix lucida* ssp. *caudata* shrubland.

Other Values Rank No Data

### Other Values Comments

No Data

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## 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>
16815	<i>Salix lucida</i> ssp. <i>caudata</i> Shrubland [Provisional]	Montane Riparian Shrubland	G3Q	S2S3	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** 01/15/2000  
**Version Author** Rocchio, F.J.

## Disclaimer

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