

COLORADO NATURAL HERITAGE PROGRAM PLANT ELEMENT OCCURRENCE FIELD FORM COLORADO STATE UNIVERSITY-WARNER COLLEGE OF NATURAL RESOURCES

Please submit copies of personal/agency field data forms, digital data (GIS or spreadsheet), or this field form to: CNHP, 1474 Campus Delivery, Fort Collins, CO 80523 or Jill.Handwerk@colostate.edu (970) 491-5857 (For a list of elements tracked by CNHP, refer to http://www.cnhp.colostate.edu/download/list.asp) Element Scientific Name:
Survey Date: 2017/09/22 (yyyy-mm-dd) Observer(s) Name & Affiliation: Gay Austin Colorado Native Plant Society Observer(s) Address & Phone Number: 600 North Louis, Gunnison, Co 81230 970-641-6264
Owner Type: Private USFS BLM State Military Indian BuRec NPS: Other: Owner Name (or National Forest, BLM District, etc.): Gunnison Ranger District GMG Owner Comments (special requests, permissions, circumstances):
Locational Information (REQUIRED; please complete as many fields as possible) (Provide a photocopy of map with location of the occurrence marked or outlined)
USGS Quadrangle Name: Crested Butte Surveysite Name (from 7.5' quad):
Directions (REQUIRED) Driving and hiking directions and prominent topographical features: Drive (a. 3 mi. north to Crested Butte Ski Area, Take Silver Queen lift to top Turn to right (south) and walk through trees to take field walk (a. 100 up along edge of takes to site. Element Occurrence Data (REQUIRED) Number of Individuals (or exact count, if feasible; if plants are spreading vegetatively, indicate number of aerial stems):
Estimated Population Size: 25 Number of Subpopulations (if applicable): Size of Area Covered by Population: Image: Number of Subpopulations (if applicable): acres
Phenology: Vegetative: 10% Flower: % Fruit: 90% Reproductive Success: (evidence of seed dispersal and establishment): 4-3 cm plants seen
Age Classes Present: Difficult to tell-maybe 2. Symbiotic or Parasitic Relationships (e.g. pollinators): Nothing seen.
Evidence of Disease, Predation or Injury: Plants near by grazed to 3-4 cm to Pika near by in tall us field. Condition Comments (productivity, vigor/health; evidence of reproduction, health of population, degree of anthropogenic disturbance, naturalness of hydrology, and other ecological processes): Plants Somewhat Greenish And sene Scinal turning brownish. Landscape Comments (biological structure, species composition, degree of fragmentation and connectivity, condition, and extent of surrounding landscape; abiotic physical/chemical factors): Rocks in area moved moved by Snow in Winter

General Habitat Description (refer to data dictionary) Spruce-fir stand (north)
General Habitat Description (refer to data dictionary) Spruce
General Habitat Description (refer to data dictionary) General Habitat Comments: Habitat in between A and large talus field (sout
with pila. Graminoids arowing with Vaccipium and Salix
a relica
Dominant Plant Community (list dominant species currently present, include age structure if known):
Vaccinium spp, Salix arctica, Sibbaldia procumbens
Associated Plant Species (be concise): Vaccinium Spo (Vary tillus?), Salix
arctica, Sibbaldia procumbent
Topographic Position: 50ut west-tacing slope
Aspect: degrees % Slope: / 70 % or degrees (circle one) Slope Shape: Concave Straight Other
Slope Shape:
Light Exposure: Open Shaded Partial shade Other
Moisture: Dry Moist Saturated Inundated Seasonal seepage Other
Soil Texture: (LIDKNOW)
Geomorphic Land Form (e.g., glaciated mountain slopes and ridges, alpine glacial valley, rolling uplands, breaklands, alluvial-
colluvial-lacsutrine, rockslides, etc.): 22 12 12 10 10 10 10 10 10 10 10 10 10 10 10 10
Protection Comments (Comments on any legal protection or strategies needed or in place): Crested Butte Min
Resort has put fencing around top of Silver Queen lift to
discourage people from walking towards habitate
Management Comments
Evidence of Threats and Disturbance (e.g. effects on population viability due to mining, recreation, grazing, exotic species;
past/present/future recommendations): Grazing by pika in drought years?
People trampling and moving rocks around!
Predominant Land Uses: Recreation
Exotic Species: NONE
Zione openios.
<u>Documentation</u>
Photographs Taken: Y N Photographer: Gay Austin Photo Number(s):
Repository:/
Specimens Taken: Y N Collector: Collection Number(s):
Repository:
General Comments
another Botrychium with a sporophore & a
trophophore Juas tound close to the BOTPAR
population, Botrychium minganense?