



**This Box to be completed by CNHP Office**

Project name: \_\_\_\_\_  
New Update EONUM: \_\_\_\_\_

**COLORADO NATURAL HERITAGE PROGRAM**  
**PLANT SPECIES OF SPECIAL CONCERN SURVEY FORM**  
COLORADO STATE UNIVERSITY-COLLEGE OF NATURAL RESOURCES  
Mailing Address: 8002 Campus Delivery, Fort Collins, CO 80523-8002  
Physical Address: 259 General Services Bldg., Fort Collins, CO 80523  
Attn: Jill Handwerk

***We Need Your Help.** If you have information on the location of a rare plant, rare animal or ecological community and would like to help us build the Natural Heritage inventory, please complete the form below. - Thank you!*

DATE OF SURVEY: \_\_\_\_\_  
OBSERVER(S) NAME/AFFILIATION: \_\_\_\_\_  
OBSERVER(S) ADDRESS: \_\_\_\_\_

**TAXONOMY**

SPECIES SCIENTIFIC NAME: \_\_\_\_\_

**LOCATION**

SURVEY SITE NAME: \_\_\_\_\_  
COUNTY: \_\_\_\_\_ USGS QUADRANGLE: \_\_\_\_\_  
TOWNSHIP: \_\_\_\_\_ RANGE: \_\_\_\_\_ SECTION: \_\_\_\_\_ 1/4 SEC.: \_\_\_\_\_  
ADDITIONAL T/R/S, SECTIONS OR 1/4 SECS: \_\_\_\_\_

UTM ZONE AND COORDINATES: \_\_\_\_\_  
ADDITIONAL COORDINATES: \_\_\_\_\_  
DATUM: \_\_\_\_\_  
ELEVATION (at population center and range of population if known): \_\_\_\_\_  
NATIONAL FOREST/BLM DISTRICT: \_\_\_\_\_  
LAND OWNERSHIP/MANAGEMENT (if not USFS/BLM): \_\_\_\_\_

**LOCATIONAL ACCURACY/MAPPING INSTRUCTIONS:** Attach a copy of the appropriate part of the USGS 7.5' topographic map and delineate the population and all subpopulations (if present) on the map using the guidelines below. Label subpopulations if you have population or habitat information for them.

- If the population/subpopulation area is <12.5 meters (40 ft.) in diameter, place a single point on the map marking its location. If necessary, indicate these point locations with an arrow so they are easier to see.
- If the population/subpopulation area is >12.5 meters (40 ft.) in diameter, draw a polygon on the map.

1. Is your depiction of the individuals on the topographic map within 6m (20ft) of their actual location on the ground?

☐ Yes ☐ No (if no, answer question 2 below)

2. You are accurate to within \_\_\_\_\_ meters \_\_\_\_\_ feet of the actual location.

If the area occupied is long, narrow and less than 12.5 meters wide, please indicate: Length: \_\_\_\_\_ (m) Width: \_\_\_\_\_ (m)

**DIRECTIONS TO SITE** (refer to roads, trails, geographic features, etc.): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### POPULATION BIOLOGY

ESTIMATED NUMBER OF INDIVIDUALS (or exact count, if feasible; if plants are spreading vegetatively, indicate number of aerial stems): \_\_\_\_\_

NUMBER OF SUB POPULATIONS (if applicable): \_\_\_\_\_

SIZE OF AREA COVERED BY POPULATION (acres): \_\_\_\_\_

PHENOLOGY (percentage flowering, fruiting, vegetative): \_\_\_\_\_

ANY SYMBIOTIC OR PARASITIC RELATIONSHIPS (e.g. pollinators)? \_\_\_\_\_

EVIDENCE OF DISEASE, PREDATION OR INJURY? \_\_\_\_\_

REPRODUCTIVE SUCCESS (evidence of seed dispersal and establishment): \_\_\_\_\_

### HABITAT

ASSOCIATED PLANT COMMUNITY (list dominant species currently present, include age structure if known): \_\_\_\_\_

HABITAT TYPE: \_\_\_\_\_

ADDITIONAL ASSOCIATED PLANT SPECIES: \_\_\_\_\_

ASPECT (S, SE, NNW, etc.): \_\_\_\_\_ % SLOPE: \_\_\_\_\_

SLOPE SHAPE (concave, convex, straight, etc.): \_\_\_\_\_

LIGHT EXPOSURE (open, shaded, partial shade, etc.): \_\_\_\_\_

MOISTURE (dry, moist, saturated, inundated, seasonal seepage, etc.): \_\_\_\_\_

PARENT MATERIAL: \_\_\_\_\_ SOIL TEXTURE: \_\_\_\_\_

GEOMORPHIC LAND FORM (e.g. glaciated mountain slopes and ridges, alpine glacial valley, rolling uplands, breaklands, alluvial-colluvial-lacustrine, rockslides): \_\_\_\_\_

EVIDENCE OF THREATS AND DISTURBANCE (e.g. effects on population viability due to mining, recreation, grazing, exotic species): \_\_\_\_\_

### DOCUMENTATION

PHOTOGRAPH TAKEN (if so, indicate photographer and repository): \_\_\_\_\_

SPECIMEN TAKEN (if so, list collector, collection number and repository): \_\_\_\_\_

IDENTIFICATION (list name of person making determination, and/or name of flora or book used): \_\_\_\_\_

### COMMENTS: