



**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](mailto: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: \_\_\_\_\_ (yyyy-mm-dd)

Observer(s) Name & Affiliation: \_\_\_\_\_

Observer(s) Address & Phone Number: \_\_\_\_\_

**Ownership**

Owner Type:  Private  USFS  BLM  State  Military  Indian  BuRec  NPS:  Other: \_\_\_\_\_

Owner Name (or National Forest, BLM District, etc.): \_\_\_\_\_

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: \_\_\_\_\_ Surveysite Name (from 7.5' quad): \_\_\_\_\_

County: \_\_\_\_\_ Elevation (range if applicable): \_\_\_\_\_  feet  meters

Legal Description: Township: \_\_\_\_\_ Range: \_\_\_\_\_ Section: \_\_\_\_\_ 1/4 Sec: \_\_\_\_\_

Additional T/R/S, Sections or 1/4 Secs: \_\_\_\_\_

Coordinates: UTM Zone:  12  13 Northing: \_\_\_\_\_ Easting: \_\_\_\_\_

Datum:  NAD27  NAD83  WGS84  Other: \_\_\_\_\_

GPS accuracy (if known): \_\_\_\_\_  autonomous(uncorrected)  differentially corrected  Other: \_\_\_\_\_

**Directions (REQUIRED)**

Driving and hiking directions and prominent topographical features: \_\_\_\_\_

**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: \_\_\_\_\_ Number of Subpopulations (if applicable): \_\_\_\_\_

Size of Area Covered by Population:  none (point) \_\_\_\_\_ acres

Phenology: Vegetative: \_\_\_\_\_% Flower: \_\_\_\_\_% Fruit: \_\_\_\_\_%

Reproductive Success: (evidence of seed dispersal and establishment): \_\_\_\_\_

Age Classes Present: \_\_\_\_\_

Symbiotic or Parasitic Relationships (e.g. pollinators): \_\_\_\_\_

Evidence of Disease, Predation or Injury: \_\_\_\_\_

Condition Comments (productivity, vigor/health; evidence of reproduction, health of population, degree of anthropogenic disturbance, naturalness of hydrology, and other ecological processes): \_\_\_\_\_

Landscape Comments (biological structure, species composition, degree of fragmentation and connectivity, condition, and extent of **surrounding landscape**; abiotic physical/chemical factors): \_\_\_\_\_

**General Habitat Description** (refer to data dictionary)

General Habitat Comments: \_\_\_\_\_  
\_\_\_\_\_

Dominant Plant Community (list dominant species currently present, include age structure if known): \_\_\_\_\_  
\_\_\_\_\_

Associated Plant Species (be concise): \_\_\_\_\_  
\_\_\_\_\_

Topographic Position: \_\_\_\_\_

Aspect: \_\_\_\_\_ degrees      % Slope: \_\_\_\_\_ % or degrees (circle one)

Slope Shape:  Concave       Convex       Straight       Other \_\_\_\_\_

Light Exposure:  Open       Shaded       Partial shade       Other \_\_\_\_\_

Moisture:  Dry       Moist       Saturated       Inundated       Seasonal seepage       Other \_\_\_\_\_

Soil Texture: \_\_\_\_\_

Geomorphic Land Form (e.g., glaciated mountain slopes and ridges, alpine glacial valley, rolling uplands, breaklands, alluvial-colluvial-lacustrine, rockslides, etc.): \_\_\_\_\_  
\_\_\_\_\_

**Protection Comments** (Comments on any legal protection or strategies needed or in place): \_\_\_\_\_  
\_\_\_\_\_

**Management Comments**

Evidence of Threats and Disturbance (e.g. effects on population viability due to mining, recreation, grazing, exotic species; past/present/future recommendations): \_\_\_\_\_  
\_\_\_\_\_

Predominant Land Uses: \_\_\_\_\_

Exotic Species: \_\_\_\_\_  
\_\_\_\_\_

**Documentation**

Photographs Taken:  Y  N      Photographer: \_\_\_\_\_      Photo Number(s): \_\_\_\_\_

Repository: \_\_\_\_\_

Specimens Taken:  Y  N      Collector: \_\_\_\_\_      Collection Number(s): \_\_\_\_\_

Repository: \_\_\_\_\_

**General Comments**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_