



**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: _____ (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

