



**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:
Jessica Smith, CNHP, 1475 Campus Delivery, Fort Collins, CO 80523 or JP.Smith@colostate.edu
(For a list of elements tracked by CNHP, refer to <http://www.cnhp.colostate.edu/ourdata/trackinglist/>)

Element Scientific Name: _____

Survey Date: _____ (yyyy-mm-dd)

Observer(s) Name & Affiliation: _____

Observer(s) Address & Phone Number: _____

Site Location and Directions (REQUIRED)

(please provide a specific written description and provide a shapefile, kmz file, or attach a copy of map with site marked)

Survey Site Name: _____

Latitude: _____ Longitude: _____ (in decimal degrees - e.g., 40.12345, -104.12345, please report to at least 5 decimal places)

County: _____ Elevation (range if applicable): _____ feet meters

Driving and hiking directions and prominent topographical features: _____

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): _____

Element Occurrence Data

Number of Individuals (or exact count, if feasible; if plants are spreading vegetatively, indicate number of aerial stems): _____

Estimated Population Size: _____

Size of Area Covered by Population: _____ acres or _____ hectares

Was the entire occurrence visited: _____ Yes _____ No

Phenology: Vegetative: _____% Flower: _____% Fruit: _____%

Reproductive Success: (evidence of seed dispersal and establishment): _____

Age Classes Present (e.g. flowering mature individuals, seedlings or rosettes, fruiting individuals, etc.): _____

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 (degree of fragmentation and connectivity, condition and extent of surrounding landscape): _____

General Habitat Description (refer to data dictionary)

General Habitat Comments: _____

Dominant Plant Community (list dominant species currently present): _____

Associated Plant Species (be concise): _____

Topographic Position: _____

Aspect: _____ degrees % Slope: _____ % or _____ degrees

Light Exposure: Open Shaded Partial shade Other _____

Moisture: Dry Moist Saturated Inundated Seasonal seepage Other _____

Soil Texture: _____

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

Protection Comments (Comments on land ownership - legal protection or strategies in place): _____

Management Comments

Evidence of Threats and Disturbance (e.g. effects on population viability due to mining, recreation, livestock 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: _____

(Note: a permit is required to collect specimens)

General Comments

Additional information for Element Occurrences with multiple mapped areas (source features).

Please check one of the three boxes (current mapping correct, replace current mapping, or new site) for each location.

Source ID or other Identifier* or Latitude/Longitude	Current Mapping Correct	Replace Current Mapping*	New Site*	Notes (# individuals)

*For new and replacement sites please provide a shapefile, kmz file, or attach a copy of map. The identifier(s) on the map should match the identifier(s) in the table above.