

## IDAHO RARE PLANT OBSERVATION REPORT

Please fill in as many fields as possible, but don't worry if you have to leave blanks. Many fields contain check boxes (double click on box, and click 'checked'). E-mail completed form to [plant@idfg.idaho.gov](mailto:plant@idfg.idaho.gov)  
If you need to mail maps or other materials that can't be sent electronically, send them to Botany Data Coordinator, Idaho Department of Fish and Game, PO Box 25, 600 S. Walnut St., Boise ID 83707-0025.  
Thanks for contributing to rare plant conservation in Idaho!

Species:

Date(s):

Observer(s):

Agency/Organization/Company:

Address:

E-mail:

Phone:

Other knowledgeable individuals:

Observation was: ☐ very thorough ☐ fairly thorough ☐ cursory or incidental

If this observation is part of a larger study or report, what is the study/report?

Certainty of identification: ☐ moderate ☐ high ☐ verified by:

Specimen collector/Collection #:

Herbarium:

Photo attached? ☐ yes ☐ no If photos are located elsewhere, where are they?

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**Population/Element Occurrence information** (This is for the entire population or occurrence; information on subpopulations or suboccurrences within the population/occurrence goes on next page.)

Survey site name (e.g., a particular landmark or location):

Element occurrence (EO) #, if known: For an existing EO, is this: ☐ revisit ☐ addition ☐ unsure

Population/occurrence area (extent of all subpopulations that you know are currently occupied):

Do you feel you mapped the full extent of the population/EO? ☐ yes ☐ no ☐ unsure

Is there more potential habitat in the area that hasn't been surveyed? ☐ yes ☐ no ☐ unsure

Suggestions for other areas to survey:

Monitoring or research needs for this population/EO:

Management needs for this population/EO:

Additional population/EO comments (e.g., # of subpopulations/suboccurrences):

Directions (please be specific so population/EO and subpopulations/subEOs can be relocated years from now):

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**Subpopulation/suboccurrence information** (Copy this page and next as needed—one for each subpop. If visits to individual subpops aren't made, fill out one for whole population. Subpops/subEOs are divided by breaks in habitat, or a particular distance set by the observer, e.g., >50 m without the target species. Populations/EOs are divided by >1 km without target species.)

Subpopulation/suboccurrence #: \_\_\_\_\_ Date of Observation: \_\_\_\_\_ Observer(s): \_\_\_\_\_

Total number of individuals in subpopulation: \_\_\_\_\_ This number is: ☐ actual ☐ minimum ☐ estimated

What was counted? ☐ genets ☐ ramets ☐ N/A (non-vascular etc.) ☐ unknown

Phenology (indicate ☐# or ☐%): seedling\_\_\_\_ vegetative\_\_\_\_ flower\_\_\_\_ fruit\_\_\_\_ dormant\_\_\_\_ unknown\_\_\_\_

Subpopulation area: \_\_\_\_\_ Subpopulation vigor: ☐ excellent ☐ good ☐ fair ☐ poor ☐ unknown

Do you feel you mapped the full extent of this subpopulation? ☐ yes ☐ no ☐ unsure

Dominant species (existing plant community): \_\_\_\_\_

Habitat type (potential plant community): \_\_\_\_\_

Associated native species: \_\_\_\_\_

Associated non-native species: \_\_\_\_\_

Look-alike species present: \_\_\_\_\_

General terrain/habitat (e.g., foothills, subalpine, wet meadow, streamside, lakeside): \_\_\_\_\_

Slope: \_\_\_\_\_ Aspect: \_\_\_\_\_ Toposition: \_\_\_\_\_

Minimum Elevation: \_\_\_\_\_ m or \_\_\_\_\_ ft Maximum Elevation: \_\_\_\_\_ m or \_\_\_\_\_ ft

Light regime: \_\_\_\_\_ Substrate/soil: \_\_\_\_\_

Landowner(s): ☐ BLM ☐ USFS ☐ state ☐ private ☐ other: \_\_\_\_\_

If all or part of subpopulation/suboccurrence is on private land, has landowner provided consent for data to be exported?

Date of consent by private landowner, their contact info, and other pertinent comments: \_\_\_\_\_

General owner comments: \_\_\_\_\_

Observed disturbances, such as land use, disease, predation, non-native species. For each, include severity (slight, moderate, serious, or extreme) and scope ( $\leq 10\%$ , 11-30%, 31-70%, 71-100% of subpopulation affected), if known: \_\_\_\_\_

Factors that may be a threat in the future. For each, include severity, scope, and imminency (near or distant future), if known: \_\_\_\_\_

Native plant community within the subpopulation/suboccurrence is:

- ☐ A. intact with zero to low cover of non-natives ( $\leq 10\%$  of total plant cover\*) and/or minimal anthropogenic disturbance
- ☐ B. intact with low to moderate ( $> 10$  to  $\leq 30\%$ ) non-native cover and/or low to moderate anthropogenic disturbance
- ☐ C. partially intact with moderate to high ( $> 30\%$ ) non-native cover and/or mod. to high anthropogenic disturbance
- ☐ D. almost gone with high non-native cover and/or high anthropogenic disturbance

\* Of the total plant canopy cover, what proportion is non-native? E.g., if total cover is 8%, and nearly all of that total is from non-native plants, then non-native cover would be classified as 'high'.

Additional comments to describe subpopulation/suboccurrence condition and support rank:

Landscape surrounding the subpopulation/suboccurrence is:

- ☐ A. unfragmented, with ecological and hydrological processes intact
- ☐ B. partially fragmented, with ecological and hydrological processes intact
- ☐ C. moderately fragmented, with ecological and hydrological processes intact
- ☐ D. highly fragmented, with many ecological and hydrological processes no longer intact

Additional comments to describe landscape setting and support rank:

Additional comments about the subpopulation/suboccurrence, in general:

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If location data are from a **paper map**:

County:

Topo Quad:

Township: \_\_\_\_\_ Range: \_\_\_\_\_ \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_

Township: \_\_\_\_\_ Range: \_\_\_\_\_ \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4 of Section \_\_\_\_\_

How accurately do you feel you mapped the subpopulation compared to its actual location on the ground?

Attach a copy of part of a USGS 7.5' quad (or comparable map) and delineate the subpopulation/suboccurrence.

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If location data are **GPS data**:

Format of GPS data: ☐ shapefile ☐ digital file (.dbf, .xls, .txt, etc.) ☐ GPS points filled in below

Method used to collect GPS data: ☐ GPS unit ☐ estimated on a paper map ☐ other:

GPS unit was held: ☐ directly over the rare plant ☐ in the general vicinity of the rare plant

Do the GPS points mark the boundary of a plant group? ☐ yes ☐ no ☐ unsure

Accuracy of GPS unit ( $\pm$  m): Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84 ☐ unknown

Coordinate system: ☐ UTM zone 11 ☐ UTM zone 12 ☐ UTM zone unknown ☐ Idaho Transverse Mercator  
☐ Decimal degrees, lat/long ☐ state plane ☐ township/range/section

GPS points, photos numbers, or other, as needed: