IDAHO RARE PLANT OBSERVATION REPORT 2014

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
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?

Population Information (This is for the entire population; information on subpopulations 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 area (extent of all subpopulations):

Do you feel you mapped the full extent of the population? ☐ 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:

Management needs for this population:

Additional population comments:

Directions (please be specific so population/subpopulations can be relocated years from now by others):

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

Subpopulation #: 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: 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, wetland, subalpine):

Slope: Aspect: Topoposition:

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 is on private land, has the landowner provided consent for the 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 (≤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 is:

- ☐ A. intact with zero to low non-native plant cover and/or minimal anthropogenic disturbance
- ☐ B. intact with low to moderate non-native plant cover and/or low to moderate anthropogenic disturbance
- ☐ C. partially intact with moderate to high non-native plant cover and/or mod. to high anthropogenic disturbance
- ☐ D. almost gone with high non-native plant species cover and/or high anthropogenic disturbance

Additional comments to describe subpopulation condition and support rank:

Landscape surrounding the subpopulation 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, in general:

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

County: 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) and delineate the subpopulation.

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 (± 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 coordinates (This section has drop-down menus. No need to fill in if submitting shapefiles or digital files.)

Datum	Zone	ID#	Easting (X) or Longitude	Northing (Y) or Latitude	Accuracy
					+/-
					+/-
					+/-