

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: *DROPIN* (*O. banche pinorum*)

Date(s): 09/15/2014

Observer(s): J. Costich-Thompson

Agency/Organization/Company: Sandpoint Ranger District IPNF's

Address: 1602 Ontario St., Sandpoint, ID 83864

E-mail: jcostichthompson@fs.fed.us

Phone: 208-265-6626

Other knowledgeable individuals: Jennifer Costich Thompson

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?

Deer Creek project area - rare plant surveys

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): Deer Creek Project - Adjacent to FSR 2503 + Meadow Cr. Road

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):

Take highway 2 East and North from Bonners Ferry, Idaho. At 3 Mile Junction, take highway 2 East towards Moyie River. After a 2 miles, turn North (left) on Meadow Cr. Rd. (FSR 34). Follow Meadow Cr. Rd. a 8 miles. Then, turn left at junction with FSR 2503. Drive 1/4 - 1/3 mile up road; park in a wide spot. Population of *DROPIN* began appearing a 100 yards west of FSR 2503. Plants predominantly occurring around "dripline" zone of mature and over-mature *Adodiscus discolor*, but were also observed near mature *Physocarpus malvaceus*. This forest stand currently consists of mature *Pseudotsuga menziesii*; *Pinus ponderosa*, which are widely-spaced due to previous thinning from below.

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: 09/15/2014 Observer(s): J. Costich-Thompson
Total number of individuals in subpopulation: 47 This number is: actual minimum estimated
What was counted? genets ramets N/A (non-vascular etc.) unknown
Phenology: seedling ___% vegetative ___% flower ___% fruit 10% dormant 90% 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): HOLDIS, PSEMEN

Habitat type (potential plant community): /

Associated native species: HOLDIS, MAHREP, SPIBET, SYMALB, CEASAN, ROSGYM
CALRUB, PHYMAL, FRAVES, PINAN

Associated non-native species: TRIAUR

Look-alike species present: None

General terrain/habitat (e.g., foothills, wetland, subalpine): slope, dry forest foothills

Slope: 10-30% Aspect: S & SE Toposition: mid-slope and benches

Minimum Elevation: ___ m or 2965 ft Maximum Elevation: ___ m or 3120 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 ($\leq 10\%$, 11-30%, 31-70%, 71-100% of subpopulation affected), if known:

Minimal occurrence of non-native, invasive species present. Forest stand currently consists of large diameter, mature Douglas-fir and ponderosa pine, which are widely spaced due to previous forest thinning of smaller encroaching trees. Canopy cover varies from 20-60%. Understory is shrub-dominated (with HOLDIS: PHYMAL being dominant) and grasses/forbs dominating in patches where rock outcrop/shallow soils occur.

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

Proposed future logging and potentially even under-burning.

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:

In old timber sale unit - logged/thinned ~ 1 year ago

Additional comments about the subpopulation, in general:

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

County: *Boundary*

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 (\pm m): *5m* 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
	<i>11</i>		<i>0560017</i>	<i>5407219</i>	<i>+/- 5m.</i>
	<i>11</i>		<i>0560011</i>	<i>5407233</i>	<i>+/- 4m</i>
	<i>11</i>		<i>0560105</i>	<i>5407238</i>	<i>+/- 5m.</i>
	<i>11</i>		<i>0560065</i>	<i>5407189</i>	<i>+/- 3m.</i>







