

IDAHO RARE PLANT OBSERVATION REPORT 2011

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: *Hackelia ophiobia* Date(s): 6 June 2012

Observer(s): Don Mansfield, Roger Rosentreter, Emma George

Agency/Organization/Company: CCS for BLM

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?

NLCS Owyhee Flora Survey, Project BPS #55234

Certainty of identification: moderate high verified by: D. Mansfield and R. Rosentreter

Specimen collector/Collection #: 12-221

Herbarium: CIC

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

Population Information (for entire population; information on subpopulations goes on next page)

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

Element occurrence (EO) #, if known:

Population area (extent of all subpopulations): ½ mile along west wall of canyon

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:

The plant is seen fairly regularly in this habitat. It is just highly inaccessible habitat.

Monitoring or research needs for this population: Not recommended

Management needs for this population: None; other than to prevent damming the entire canyon!

Additional population comments: Plants in each subpopulation are few (3-4) but there are multiple subpopulations seen along the length of the canyon surveyed.

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

Plants seen in several locations when exposure is easterly or northerly and canyon walls are vertical. Walk up Deep Creek from the confluence with East (Main) Owyhee River—look in cracks of canyon walls.

Subpopulation information (Copy this page and the next as needed—one for each subpopulation. If visits to individual subpopulations aren't made, fill out one for whole population.)

Subpopulation number #: _____ Date of Observation: _____ Observer(s): as above
Total number of individuals in subpopulation: 4 This number is: xx actual minimum estimated
What was counted? xx genets ramets N/A (non-vascular etc.) unknown
Phenology--% seedling: _____ % vegetative: _____ % flower: all % fruit: _____ % dormant: _____ % unknown: _____
Subpopulation area: _____ Subpopulation vigor xx excellent good fair poor unknown
Do you feel you mapped the full extent of this subpopulation? xx 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 habitat (e.g., foothills, wetland, subalpine):

Slope: _____ Aspect: _____ Toposition: _____
Minimum Elevation: _____ m or _____ ft Maximum Elevation: _____ m or _____ ft
Light regime: _____ Substrate/soil: _____
Landowner(s): BLM USFS 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:

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.) xx GPS points filled in below
 Method used to collect GPS data: xxGPS 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? xx yes no unsure
 Accuracy of GPS unit (\pm m): _____ Datum: NAD27 xx 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

			-116.63337	42.27538	+/-
					+/-
					+/-