

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: *Allium tolmiei persimile*

Date(s): 7/7 & 8/14/2014

Observer(s): Graham Johnson

Agency/Organization/Company: Payette National Forest

Address: 500 N. Mission St. McCall, Id 83638

E-mail: ahanson01@fs.fed.us

Phone: 208-64-0787

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

Survey site name (e.g., a particular landmark or location): Steve's Creek Site

Element occurrence (EO) #, if known:

Population area (extent of all subpopulations): ½ acre

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: avoidance of the population

Additional population comments:

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

Take the 002 road west and north out of Council to the 141 Road that follows Steve's Creek. Take the 141 FSRD northeast till you find 501411700 FSRD. Head about a half mile along that road (it eventually ties into 509662000 FSRD). You will cross a cattle allotment fence. The population is alongside the road a few hundred feet east of the cattle guard.

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 #: Steve's Creek Site (continued)

Date of Observation: 7/7 & 8/14/14

Observer(s):

Total number of individuals in subpopulation: 2000 This number is: actual minimum estimated

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

Phenology--% seedling: 50% vegetative: 50% 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): *Allium tolmiei* persimile, *Poa bulbosa*, *Pinus ponderosa*

Habitat type (potential plant community): arid prairie

Associated native species: *Crataegus douglassi*, *Poa bulbosa*, *Pinus ponderosa*, *Amelanchier alnifolia*, *Achillea millefolium*, *Penstemon globosus*, *Senecio integerrimus*, *Symphoricarpos alba*, *Allium acuminatum*, *Koeleria cristata*, *Lomatium nudicaule*, *Sedum lanceolatum*, *Dianthus armeria*, *Zigadensus paniculatus*, *Juncus* sp., *Perideridia bolanderi*, *Madia glomerata*, *Navarretia divaricate*, *Fritillaria pudica*, *Eriogonum heracleoides*, *Eriogonum* sp., *Eriogonum spaerocephalum*,

Associated non-native species:

Look-alike species present: *Allium acuminatum*

General habitat (e.g., foothills, wetland, subalpine): scabby, arid prairie

Slope: 5-10% Aspect: west Toposition:

Minimum Elevation: ___ m or _4550___ ft Maximum Elevation: ___ m or _4650___ ft

Light regime: open to partially shaded Substrate/soil: basalt

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: Cattle in the area are a slight threat to the whole population. The USFS plans on improving range facilities. The improvements will have none to slight impact in the occurrence of accidental disturbance to the 10% of the population (those along the road).

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

The slight threat posed by range improvements will come in the near future, but will likely have no effect.

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: 6S Range: 3W SE 1/4 of NW 1/4 of Section 31

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? Near by

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): 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				

			11 T 0528398	4986291	+/-
					+/-
					+/-