

2012

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: *Penstemon GEORGIOUS* Date(s): 6/25/2012
Observer(s): K. Gutznecht, K. Stucker, T. Clayton
Agency/Organization/Company: BLM - Owyhee Field Office
Address: 20 1st Ave W, Marsing ID 83639
E-mail: kgutznecht@blm.gov Phone: (208) 910-5912

Other knowledgeable individuals:

Beth Corbin

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?

Collecting trend data for this allotment

Certainty of identification: moderate high verified by: Beth Corbin

Specimen collector/Collection #: K. Gutznecht # 25 Herbarium: OFO BBLM

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): Trout Creek Allotment

Element occurrence (EO) #, if known: NA

Population area (extent of all subpopulations): 2 small patches about 1/2 mi apart

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: elsewhere, within Trout Creek Allotment

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):

1.6 miles NE of jct. of Trout ck road and Owyhee Byway, 3.8 air miles E of Jordan Valley.

475748N/502009E

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 #: 1 Date of Observation: 6/25/2012 Observer(s): K. Gutzkecht, K. Stucker, T. Clayton

Total number of individuals in subpopulation: 25 This number is: actual minimum estimated

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

Phenology—% seedling: _____ % vegetative: 795% flower: _____ % fruit: _____ % dormant: _____ % unknown: _____

Subpopulation area: ~ 1 acre 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): Juniperus occidentalis, annual grasses

Habitat type (potential plant community): low sagebrush

Associated native species:

Associated non-native species: Bromus tectorum, Venturina dubia, Tachnatherum caput-medusae

Look-alike species present: NONE

General habitat (e.g., foothills, wetland, subalpine): rolling hills

Slope: gentle Aspect: SW-facing Toposition: top slope

Minimum Elevation: _____ m or 4700ft Maximum Elevation: _____ m or _____ ft

Light regime: full sun Substrate/soil: gravelly

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:

weeds, previous grazing but no evidence this year.

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

weeds

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: *weeds*

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: *weeds, roads in vicinity*

Additional comments about the subpopulation, in general:

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

County: *Owyhee* Quad: *stonchouse creek*
Township: 55 Range: 5W SE 1/4 of SE 1/4 of Section 19
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): 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>NAD83</i>	<i>11</i>		<i>502609</i>	<i>4757483</i>	<i>+/- 10m</i>
					<i>+/-</i>
					<i>+/-</i>

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 #: 2 Date of Observation: 6-25-12 Observer(s): Butkrecht
Total number of individuals in subpopulation: 50 This number is: actual minimum estimated
What was counted? genets ramets N/A (non-vascular etc.) unknown
Phenology--% seedling: _____ % vegetative: 5 % flower: 95 % fruit: _____ % dormant: _____ % unknown: _____
Subpopulation area: .01 acres 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): Annual grasses

Habitat type (potential plant community): low sagebrush

Associated native species:

Associated non-native species: Bromus tectorum, Ventricaria dubia, Taraxacum officinale

Look-alike species present:

General habitat (e.g., foothills, wetland, subalpine): rolling hills

Slope: gentle Aspect: east Toposition: top slope
Minimum Elevation: _____ m or 4620 ft Maximum Elevation: _____ m or _____ ft
Light regime: full sun 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:

Weeds, previous grazing (no current sign)

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

more weeds

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: *Weeds*

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: *weeds, roads ingrowth area.*

Additional comments about the subpopulation, in general:

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

County: *Owyhee* Quad: *stonchouse creek*
Township: *5S* Range: *5W* *NE* 1/4 of *SW* 1/4 of Section *19*
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): *10 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 / /

<i>NAD 83</i>	<i>11</i>		<i>501753</i>	<i>4757705</i>	<i>+/- 10 m</i>
					<i>+/-</i>
					<i>+/-</i>