

IDAHO RARE PLANT OBSERVATION REPORT 2012

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 janishiae*

Date(s): 1 August 2012

Observer(s): Beth Corbin

Agency/Organization/Company: Owyhee Field Office, Bureau of Land Management

Address: 20 1st Ave West, Marsing, ID 83639

E-mail: ecorbin@blm.gov

Phone: 208 896-5923

Observation was: very thorough fairly thorough cursory or incidental

Certainty of identification: moderate high verified by: Previously verified by Noel Holmgren

Specimen collector/Collection #: No Photo? yes no

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

Survey site name (e.g., a particular landmark or location): W of Hope Ranch

Element occurrence (EO) #, if known: NA – but first reported in 2010.

Population area (extent of all subpopulations): 0.15 acres

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

Additional population comments: A wildfire burned a few days ago near the intersection of Hwy 78 and Old Bruneau Highway, but did not extend into the population area.

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

About 3 miles S of Marsing, E of Highway 78, 0.6 mi W of Old Bruneau Highway at Hope Ranch. Just west of a "neoriparian" (irrigation run-off) area.

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: 8/1/2012 Observer(s): Beth Corbin

Total number of individuals in subpopulation: 20 This number is: actual minimum estimated

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

Phenology--% seedling: % vegetative: 20 % flower: % fruit: 80 % dormant:

Subpopulation area: 0.15 acres Subpopulation vigor: excellent good fair poor

Do you feel you mapped the full extent of this subpopulation? yes no unsure

Dominant species (existing plant community): *Artemisia tridentata*, *Salvia dorrii*, *Gutierrezia sarothrae*.

Habitat type (potential plant community): Salt desert shrub

Associated native species: *Artemisia tridentata*, *Salvia dorrii*, *Gutierrezia sarothrae*, *Eriogonum microthecum*, *Comandra umbellata*, *Eriogonum ovalifolium*, *Phlox hoodii*, *Eriophyllum lanatum*, *Poa secunda*, *Cryptantha propria* (more abundant and locally widespread than PEJA; conditions and numbers similar to previous years).

Associated non-native species: *Bromus tectorum*, *Tragopogon dubius*, *Sisymbrium altissimum*, *Descurania Sophia*.

Look-alike species present: none

General habitat (e.g., foothills, wetland, subalpine): Owyhee Front foothills.

Slope: 30% Aspect: E-facing Toposition: mid-slope

Elevation: _2,550-2,570_ ft Light regime: mostly sun Substrate/soil: Lakeshore ashy clay band, transitioning into loamy soil on lower slopes.

Landowner(s): BLM USFS private other:

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: No recent disturbance within occurrences. Occurrence area is still weedy (mainly cheatgrass), but native community within occurrence is still evident and at least co-dominant.

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

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: Less weedy within occurrence habitat than surrounding area.

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: Orchards and roads uphill from occurrence; weed-dominated area with almost no natives below occurrence. Small wildfire about 1/4 mile away in July 2012, but fire and suppression activities did not extend to occurrence area.

County: Owyhee

Quad: Marsing

Township: 2N Range: 4W NW 1/4 of NE 1/4 of Section 22

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

GPS coordinates:

Datum	Zone	ID#	Easting (X)	Northing (Y)	Accuracy
NAD83	11N		516156	4816476	+/- 5m
NAD83	11N		516164	4816461	+/- 5m
NAD83	11N		516169	4816465	+/- 5m