

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 seorsus Date(s): 20 June 2012

Observer(s): Don Mansfield, Emma George, Betsaida Chavez Garcia

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?

Certainty of identification: moderate high verified by: Don Mansfield

Specimen collector/Collection #: 12-384 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): Pleasant Valley Table—near Tobacco Meadows

Element occurrence (EO) #, if known:

Population area (extent of all subpopulations): 1 ha

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: Pleasant Valley Table is a very large area. We surveyed the northern portion—only about 5% of the table. When I surveyed a portion of the southern edge of the table, I saw none of this. It could easily be patchy in other subpopulations.

Monitoring or research needs for this population: None recommended. The area experiences no evident threats

Management needs for this population: None recommended. The area experiences no evident threats

Additional population comments:

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

Drive to Tobacco Meadows on Current Ck. Rd. from Mud Flat Rd. Hike in a southwesterly direction up on to the Pleasant Valley table.

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): Don Mansfield
Total number of individuals in subpopulation: ca. 20 This number is: actual minimum xx estimated
What was counted? Xx genets ramets N/A (non-vascular etc.) unknown
Phenology--% seedling: _____ % vegetative: _____ % flower: 100 % fruit: _____ % dormant: _____ % unknown: _____
Subpopulation area: _____ Subpopulation vigor: excellent xx good fair poor unknown
Do you feel you mapped the full extent of this subpopulation? yes xx no unsure

Dominant species (existing plant community): *Poa secunda*—sandbergs bluegrass

Habitat type (potential plant community): *Juniperus occidentalis*-*Poa secunda*

Associated native species: *Elymus elymoides* ssp. *elymoides*, *Balsamorhiza hookeri*, *Eremogone congesta*, *Lomatium nudicaule*, *Eriogonum cespitosum*.

Associated non-native species:

Bromus japonicus

Look-alike species present: NA

General habitat (e.g., foothills, wetland, subalpine): flat scabland on shallow rhyolitic soils

Slope: flat Aspect: _____ Toposition: _____
Minimum Elevation: _____ m or 5800_____ ft Maximum Elevation: _____ m or 5850_____ ft
Light regime: full sun Substrate/soil: rhyolitic clay soils
Landowner(s): xx 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: xx GPS unit estimated on a paper map other:
 GPS unit was held: directly over the rare plant xx in the general vicinity of the rare plant
 Do the GPS points mark the boundary of a plant group? yes xx no unsure
 Accuracy of GPS unit (± 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

			-116.7851	42.5972	+/-
					+/-
					+/-