

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: *Pediocactus simpsonii* Date(s): 26 July 2012
Observer(s): Birk Roseman and Brad Jost
Agency/Organization/Company: Owyhee Field Office, Bureau of Land Management
Address: 20 1st Ave West, Marsing, ID 83639
E-mail: bjost@blm.gov Phone: 208 896-5924
Other knowledgeable individuals: Beth Corbin
Observation was: very thorough fairly thorough cursory or incidental
Certainty of identification: moderate high verified by:
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): Toy Mountain
Element occurrence (EO) #, if known: NA
Population area (extent of all subpopulations): 1 plant
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
Directions (please be specific so population/subpopulations can be relocated years from now by others):
Toy Mountain, near the headwaters of Cottonwood Creek, NW of the creek. About 14 air miles SW of Oreana.

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: 7/26/12 Observer(s): Roseman & Jost
Total number of individuals in subpopulation: 1 This number is: actual minimum estimated
What was counted? genets ramets N/A (non-vascular etc.) unknown
Phenology--% seedling: % vegetative: 100 % flower: % fruit: % dormant:
Subpopulation area: 1 plant 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): *Artemisia arbuscula*, *Pseudoroegneria spicata*, *Poa secunda*.
Habitat type (potential plant community): Low sagebrush.
Associated native species: ARAR8, PSSPS, POSE, *Artemisia tridentata* ssp. *vaseyana*, *Castilleja*, *Phlox*, *Astragalus*, *Balsamorhiza hookeri*, *Microseris*, *Crepis*, *Erigeron*, *Antennaria*.
Associated non-native species: None noted.
Look-alike species present: None.
General habitat (e.g., foothills, wetland, subalpine): Mountain shrub slopes
Slope: Gentle Aspect: W-facing Toposition: Toe slope

Elevation: 5,850ft Light regime: Part sun Substrate/soil: Shallow gravelly soil

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: Some light previous year grazing sign, but no current disturbance.

Factors that may be a threat in the future. For each, include severity, scope, and imminency (near or distant future), if known: None evident.

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: Good native vegetation diversity and cover.

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: Two-track road and old defunct reservoir nearby, but landscape is in good shape.

County: Owyhee

Quad: Pixley Basin

Township: 6S Range: 1W SE 1/4 of NE 1/4 of Section 31

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 - Within 25 m.

GPS coordinates:

Datum	Zone	ID#	Easting (X)	Northing (Y)	Accuracy
NAD83	11N		541287	4745519	+/- 25m