

## IDAHO RARE PLANT OBSERVATION REPORT 2014

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](mailto: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: *Phacelia lutea* var. *calva*

Date(s): 3 June 2014

Observer(s): Beth Corbin

Agency/Organization/Company: BLM Owyhee Field Office

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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? Rockville Allotment Rangeland Health Assessment and EA (in progress)

Certainty of identification:  moderate  high  verified by:

Specimen collector/Collection #: no Photo attached?  yes  no (habitat only)



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### Population Information (This is for the entire population; information on subpopulations goes on next page)

Survey site name (e.g., a particular landmark or location): North of Dry Creek. Rockville Pasture 2

Element occurrence (EO) #, if known: new For an existing EO, is this:  revisit  addition  unsure

Population area (extent of all subpopulations): 0.01 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: Other ash outcrops in vicinity

Additional population/site comments: This outcrop is where *Mentzelia mollis* EO #3 is mapped, although no *Mentzelia mollis* was seen. Habitat appears mostly suitable; weedy around the edge and some minor sheep trampling, but nothing that would seem to preclude *Mentzelia mollis*.

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

North of Dry Creek. Less than 0.1 miles east of Idaho/Oregon state line. About 1.1 air miles south of where McBride Creek Road crosses state line.

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**Subpopulation information** (Copy this page and the next as needed—one for each subpop. If visits to individual subpops aren't made, fill out one for whole population. Subpops are divided by breaks in habitat, or a particular distance set by the observer, e.g., >50 m without the target species. Populations are divided by >1 km without target species.)

Subpopulation #: 1 Date of Observation: 6/3/2014 Observer(s): B.Corbin

Total number of individuals in subpopulation: 2 This number is:  actual  minimum  estimated

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

Phenology: seedling \_\_ % vegetative \_\_ % flower 100% fruit \_\_ % dormant \_\_ % unknown \_\_ %

Subpopulation area: 0.01 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): Ash outcrop within Wyoming sagebrush community; weedy around the edges.

Habitat type (potential plant community): Ash outcrop within Wyoming sagebrush community

Associated native species: No others noted on ash

Associated non-native species: *Eremopyrum triticeum*, *Bromus tectorum*

Look-alike species present: none

General terrain/habitat (e.g., foothills, wetland, subalpine): Rolling hills

Slope: gentle Aspect: south-facing Topoposition: mid-slope

Elevation: 4030 ft Light regime: Full sun Substrate/soil: Clay ash

Landowner(s):  BLM  USFS  state  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:

Very weedy around the edge of the ash outcrop, but the center of the ash outcrop is open.

Some minor sheep trampling and grazing on outcrop (not on the 2 plants seen).

Factors that may be a threat in the future. For each, include severity, scope, and imminency (near or distant future), if known: Increased weeds; not imminent.

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, trampling

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, grazing/trampling

County: Owyhee

Quad: Rockville

Township: 1S Range: 6W NW 1/4 of SW 1/4 of Section 23

Format of GPS data:  shapefile  digital file (.dbf, .xls, .txt, etc.)  GPS points filled in below

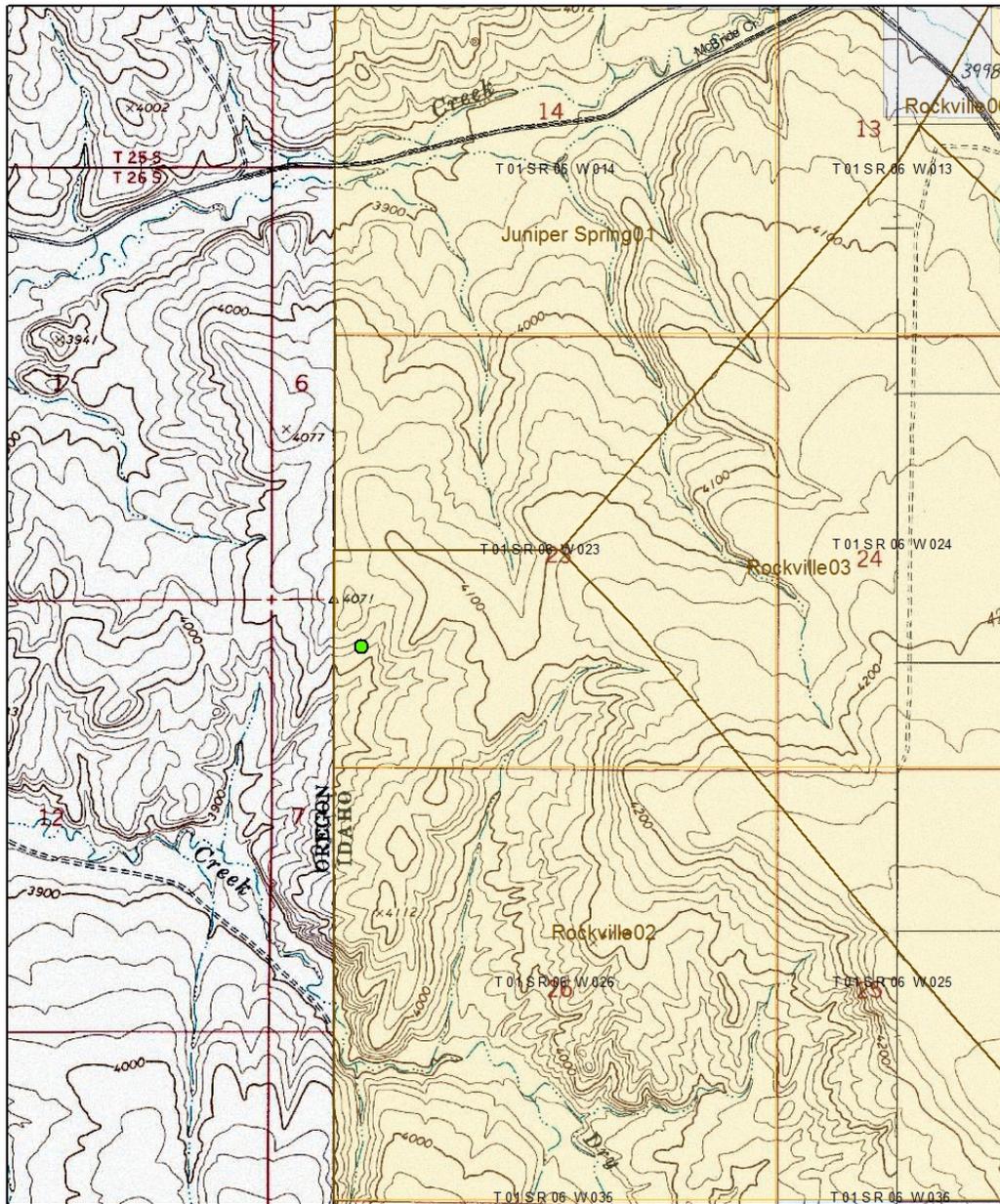
Method used to collect GPS data:  GPS unit  estimated on a paper map  other:

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

GPS UTM coordinates:

Datum	Zone	ID#	Easting (X) or Longitude	Northing (Y) or Latitude	Accuracy
NAD83	11		497936	4796263	+/- 5 m



Phacelia lutea var. calva - June 3, 2014