

## 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: *Cryptantha propria*

Date(s): April 16, 2014

Observer(s): Beth Corbin

Agency/Organization/Company: BLM Owyhee Field Office

Address: 20 1<sup>st</sup> Ave West, Marsing, ID 83639

E-mail: [ecorbin@blm.gov](mailto:ecorbin@blm.gov)

Phone: (208) 896-5923

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? Shares Basin Waterhauls Clearance

Certainty of identification:  moderate  high  verified by:

Specimen: no Photo attached?  yes  no

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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): West of French John Hill

Element occurrence (EO) #, if known: NA (About 1 mile from occurrence reported in 2011 in Squaw Creek ACEC, and 1.2 miles from occurrence reported in 2013 north of French John Hill.)

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 rocky, open areas along the ridge.

Management needs for this population: Discontinue adjacent salting, and do not use as site as a water haul. Continue to monitor potential general grazing impacts.

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

North of Highway 95, 0.5 air miles west of the top of French John Hill, 0.1 miles NE of a road intersection in the ridge saddle.

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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: 4/16/2014 Observer(s): B. Corbin

Total number of individuals in subpopulation: 3 This number is:  actual  minimum  estimated

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

Phenology: seedling \_\_ % vegetative 66 % flower 33 % 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): *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*.

Habitat type (potential plant community): Wyoming sagebrush/bluebunch wheatgrass.

Associated native species: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Pseudoroegneria spicata*, *Lomatium canbyi*, *Ericameria nauseosa*, *Lithophragma glabrum*.

Associated non-native species: *Bromus tectorum* (low cover), *Draba verna*, *Holosteum umbellatum*.

Look-alike species present: none

General terrain/habitat (e.g., foothills, wetland, subalpine): low elevation hills/mountains.

Slope: <10% Aspect: slightly east-facing Toposition: hill top

Elevation: 4500 ft Light regime: full sun Substrate/soil: Shallow clay soil on a rocky outcrop

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: Cattle in area, and there is a salt lick about 100 m away, but no immediate impacts (grazing/trampling) noted on plants. Also two-track roads nearby; no off-road vehicle impacts evident. A few weeds present, but not currently affecting habitat.

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

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: Roads, weeds, grazing are partially fragmenting landscape.

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County: Owyhee

Quad: Jump Creek Canyon

Township: 1N Range: 5W NW 1/4 of Section 24

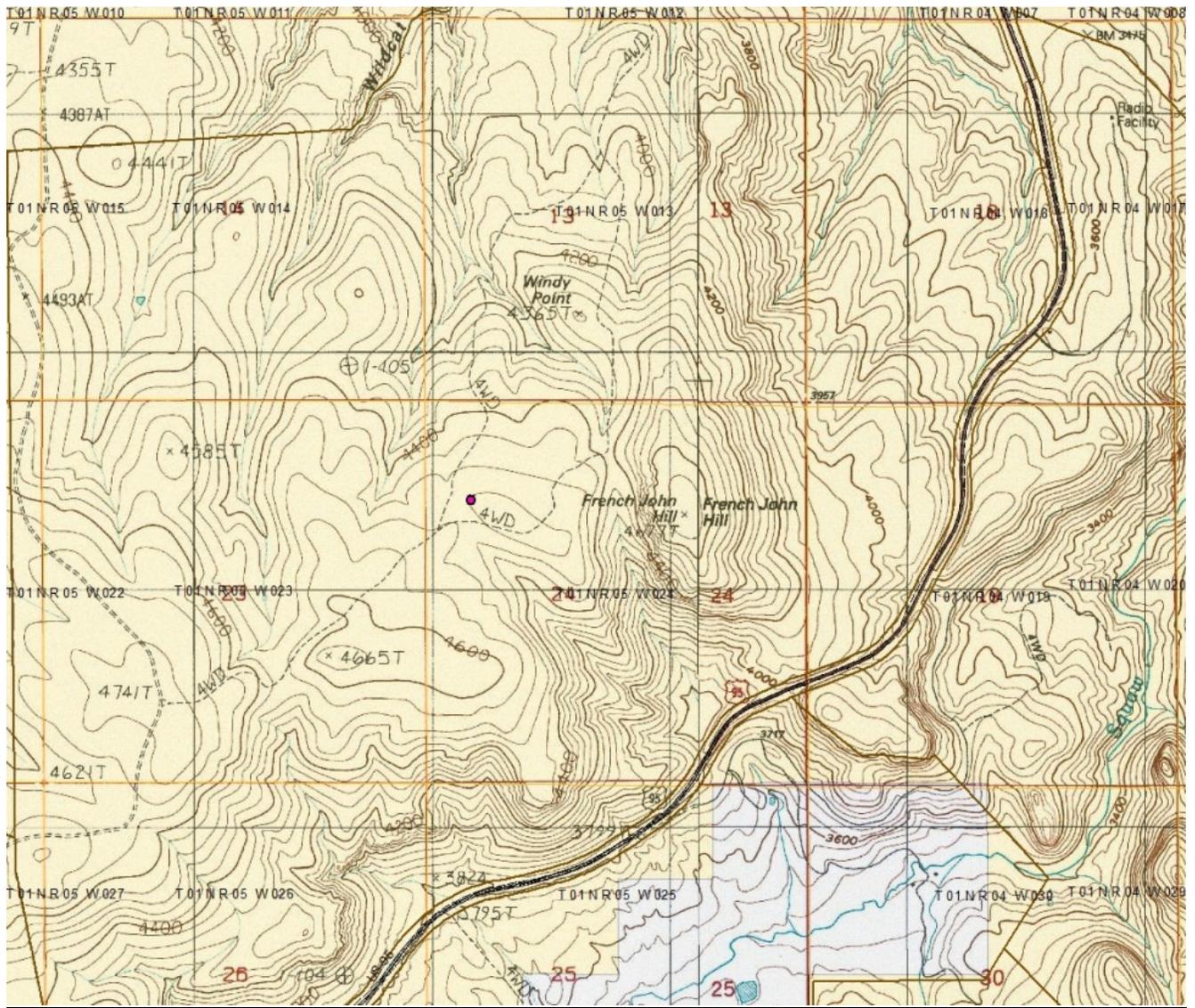
Format of GPS data:  GPS points filled in below

Method used to collect GPS data:  GPS unit GPS unit was held:  directly over 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)	Northing (Y)	Accuracy
NAD83	11		509084	4806578	+/- 10 m



*Cryptantha propria* – 4/16/2014



Habitat