

IDAHO RARE PLANT OBSERVATION REPORT 2013

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: *Cryptantha propria*

Date(s): June 5, 2013

Observer(s): Beth Corbin

Agency/Organization/Company: BLM Owyhee Field Office

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

If this observation is part of a larger study or report, what is the study/report? At range trend plot 01N05W13 in Shares Basin Allotment.

Certainty of identification: moderate high verified by:

Specimen collector/Collection #: No

Photo attached? yes no



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

Survey site name (e.g., a particular landmark or location): North of French John Hill

Element occurrence (EO) #, if known: N/A – new site about 1.7 miles northwest of closest record.

Population area (extent of all subpopulations): 0.1 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

Suggestions for other areas to survey: Other open sagebrush hills in vicinity, of which there are lots.

Additional population comments: At a trend monitoring site, but previous site visits didn't identify *Cryptantha* to species level.

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

Near a two-track road between French John Hill and Big Pass Reservoir, about 1.2 air miles N of French John Hill. West of Highway 95, and about 9 air miles SW of Marsing.

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: 6/5/2013 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: 10 % flower: % fruit: 90 % dormant:

Subpopulation area: 0.1 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* ssp. *wyomingensis*, *Poa secunda*, *Pseudoroegneria spicata*.

Habitat type (potential plant community): Same

Associated native species: Also with *Chrysothamnus viscidiflorus*, *Antennaria dimorpha*, *Phlox longifolia*, *Elymus elymoides*, *Astragalus conjunctus*, *Astragalus purshii*, *Tetradymia glabrata*, and *Machaeranthera canescens*.

Associated non-native species: None noted.

Look-alike species present: None

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

Slope: Gentle Aspect: Slightly N-facing Toposition: Upper slope of minor ridge

Elevation: _3930_ ft Light regime: Full sun Substrate/soil: Gravelly clay loam 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: Grazing earlier in the season in the area, but no herbivory or trampling of *Cryptantha* plants observed. No weeds or vehicle traffic (off of road) noted.

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

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: Grazing, but plant community structure pretty good.

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: A few roads, and general grazing. Weeds on lower slopes, but not very close.

Additional comments about the subpopulation, in general: It's likely that there are more plants scattered over a wide area in the general vicinity, because the habitat is not very specific.

County: Owyhee Quad: Jump Creek Canyon
 Township: 1N Range: 5W NE 1/4 of NW 1/4 of Section 13

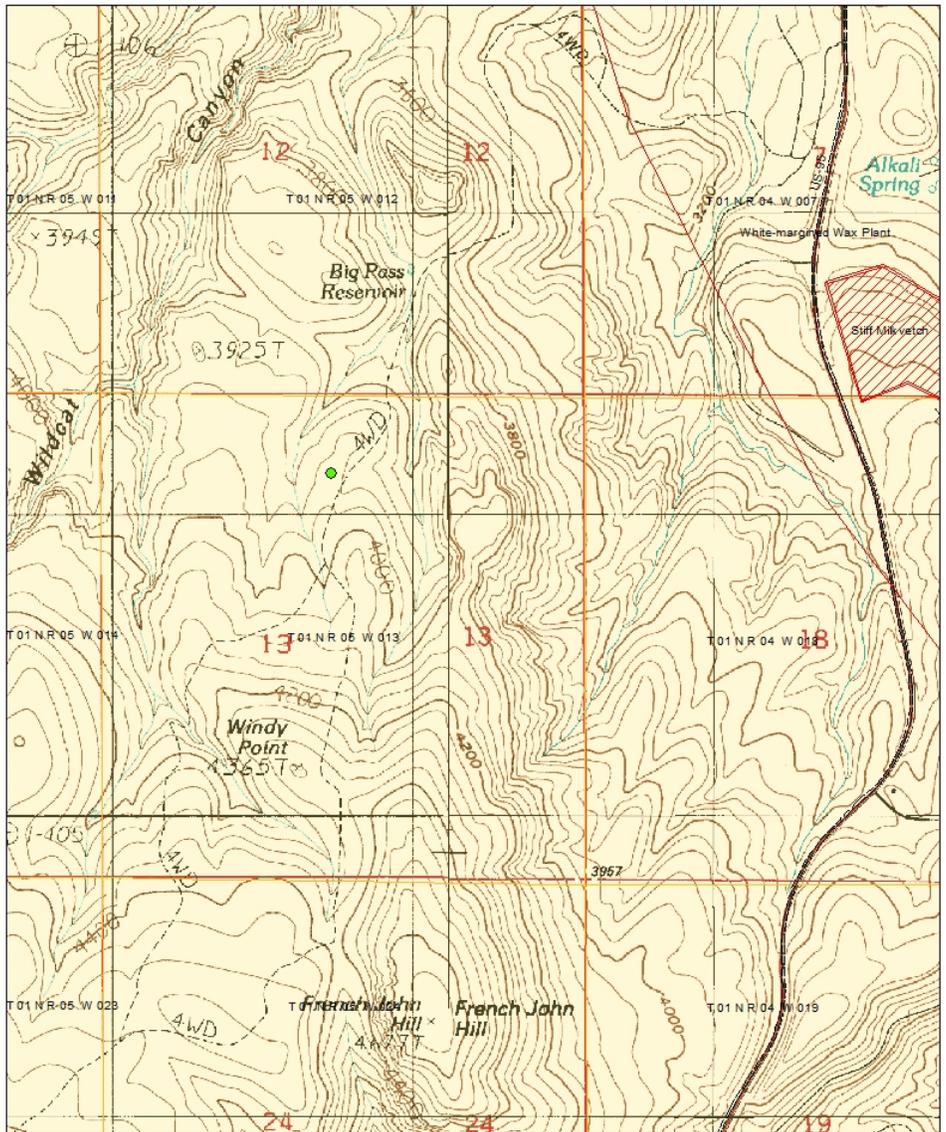
Method used to collect GPS data: GPS unit estimated on a paper map other:

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 coordinates:

Datum	Zone	ID#	Easting (X)	Northing (Y)	Accuracy
NAD 83	11		509649	4808338	+/- 8 m



● *Astragalus conjunctus* and *Cryptantha propria* at Trend Site 01N05W13 on June 5, 2013

ELC 7/9/13