

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: *Nemacladus rigidus*

Date(s): May 15, 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? Montini FFR Water Haul Clearance

Certainty of identification: moderate high verified by:

Specimen collector/Collection #: No Photo attached? yes no Additional photos on BLM server.

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

Survey site name (e.g., a particular landmark or location): East of Montini Ranch

Element occurrence (EO) #, if known: N/A - new

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: There's lots of shallow-soil cindery openings in the general vicinity.

Management needs for this population: Eliminate hay feeding adjacent to occurrence.

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

1.2 air miles ESE of Montini Ranch, 10 air miles SE of Murphy, 1.7 air miles SSE of the confluence of Sinker Creek and Snake River.

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: 5/15/2013 Observer(s): Beth Corbin & Kelli Barnes

Total number of individuals in subpopulation: 22 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 (only a few meters square)

Subpopulation vigor: excellent good fair poor

Do you feel you mapped the full extent of this subpopulation? yes no unsure

Habitat type (potential plant community): Large shallow soil opening within salt desert shrub community.

Associated native species: *Mentzelia albicaulis*, *Eriastrum sparsiflorum*, *Aliciella leptomeria*, *Tiquilia nuttallii*, *Nama aretioides*, *Glyptopleura marginata*.

Associated non-native species: *Bromus tectorum*, *Salsola tragus* (low cover).

Look-alike species present: None

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

Slope: Gentle

Aspect: slightly E-facing

Toposition: Minor draw bottom.

Elevation: 2575 ft

Light regime: Full sun

Substrate/soil: Cindery, sandy, shallow soil opening.

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: Cheatgrass low cover having little effect on microhabitat. Winter grazing area – trampling and cowpies in area, but no direct effect on annual plants. Hay feeding area adjacent to habitat (about 20 m away) produces some soil compaction and weed introduction.

Factors that may be a threat in the future. For each, include severity, scope, and imminency (near or distant future), if known: Continued weed threats – 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: A little cheatgrass.

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, lack of native grasses.

County: Owyhee

Quad: Wild Horse Butte

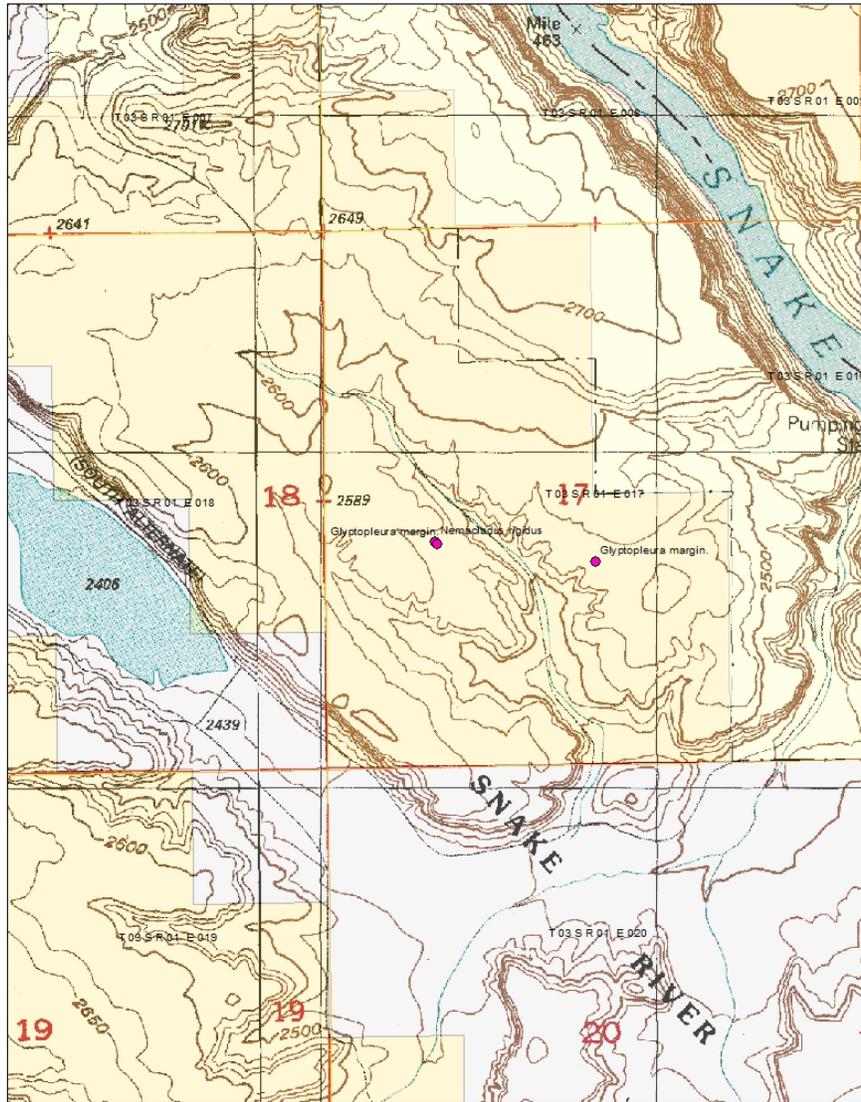
Township: 3S Range: 1E NW 1/4 of SW 1/4 of Section 17

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 coordinates:

Datum	Zone	Easting (X)	Northing (Y)	Accuracy
NAD 83	11	551265	4778932	+/- 5 m



Nemacladus rigidus and *Glyptoleura marginata* 5/15/2013

BLC 6/3/13

