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: *Glyptopleura marginata* 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): Two small subpopulations about 0.3 miles apart.

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: Lots of shallow-soil sandy/cindery openings in the general vicinity.

Management needs for this population: Eliminate hay feeding adjacent to Subpopulation 1.

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

1.2 – 1.5 miles ESE of Montini Ranch, about 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: 14 This number is: ☐ actual ☒ minimum ☐ estimated

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

Phenology--% seedling: % vegetative: % flower: 100 % fruit: % dormant:

Subpopulation area: <0.01 acres (a few square meters) Subpopulation vigor: ☒ fair

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

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

Associated native species: *Mentzelia albicaulis, Tiquilia nuttallii, Aliciella leptomeria, Eriastrum sparsiflorum, Nama aretioides, Cryptantha circumscissa, Nemacladus rigidus*.

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 Topoposition: bottom of minor draw on perched caprock.

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 (≤10%, 11-30%, 31-70%, 71-100% of subpopulation affected), if known: Cheatgrass and Russian thistle with 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	ID#	Easting (X)	Northing (Y)	Accuracy
NAD 83	11		551271	4778927	+/- 5 m

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 #: 2 Date of Observation: 5/15/2013 Observer(s): Beth Corbin & Kelli Barnes

Total number of individuals in subpopulation: 7 This number is: ☐ actual ☒ minimum ☐ estimated

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

Phenology--% seedling: % vegetative: % flower: 100 % fruit: % dormant:

Subpopulation area: <0.01 acres (a few square meters) Subpopulation vigor: ☒ fair

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

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

Associated native species: *Mentzelia albicaulis, Aliciella leptomeria, Eriastrum sparsiflorum, Cryptantha circumscissa*.

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

Look-alike species present: None

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

Slope: Gentle Aspect: slightly SW-facing Topoposition: bottom of minor draw on perched caprock.

Elevation: __2570__ 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 (≤10%, 11-30%, 31-70%, 71-100% of subpopulation affected), if known: Cheatgrass with low cover, having little effect on microhabitat. Winter grazing area – trampling and cowpies in area, but no direct effect on annual plants.

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

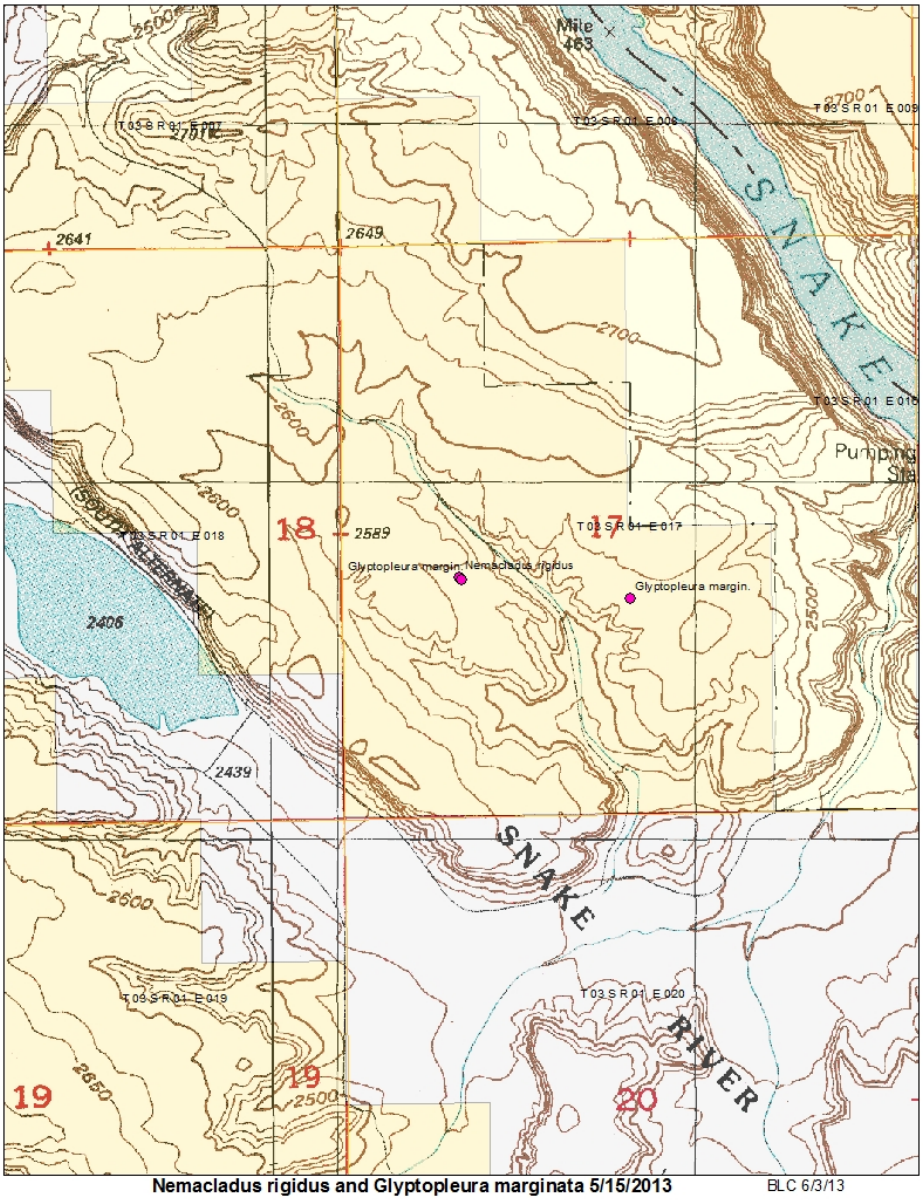
Township: __3S__ Range: __1E___ __NW__ 1/4 of __SE__ 1/4 of Section __17__

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	ID#	Easting (X)	Northing (Y)	Accuracy
NAD 83	11		551744	4778874	+/- 5 m



Nemacladus rigidus and Glyptopleura marginata 5/15/2013 BLC 6/3/13