



Plants of Concern Monitoring Form – 2018

Lead monitor's name: _____ Monitoring date: _____

Use one form for each subpopulation. Subpops are separated by at least 50 m. Monitor within ten days of previous year's monitoring date. For comparison, refer to the last monitoring report, accessed via your website login. Complete every blank field. For the GPS, Associates, or Directions sections, you may write "same as last report" if there are no changes. Review guidelines in the Volunteer Manual or at plantsofconcern.org.

Section 1: General species and site information

Genus: _____ EOR #: _____
 Species: _____ County: _____
 Variety: _____ Land owner: _____
 Site name: _____ Manager: _____
 Subpop #: _____

Plants in subpop found? Yes No *If plants are not found, go to sections 4-7 to input data regarding area searched.*

Section 2: GPS information and population dimensions

Record whenever possible, but especially for new subpops, annual species, if plants have moved, or after three years.

Are GPS data new this year? Yes No (but GPS is same as before) I have no GPS data to submit

Coordinate system
 Decimal degrees (e.g. dd.dddd N) Other: _____

Datum
 WGS 84 Other: _____

Latitude			Longitude			Accuracy (m)		Distance covered by subpop	
Center	°N	°W				E-W:			meters
North	°N	°W							
South	°N	°W				N-S:			meters
East	°N	°W							
West	°N	°W							

Measure at widest part of subpop.

Enter N, S, E, W coordinates only if dimensions exceed 13m

Section 3: Subpopulation information

Total number: *Include juvenile, vegetative, and reproductive plants*
 #: _____

Count estimated?
 Yes* No
 *If yes, describe method in "Notes" on p.3

Plant count range:
 Use ranges to estimate or indicate which range your count fits within.
 < or = 100
 101-200
 201-400
 401-800
 > 800

Growth form: *How did you count? See website for standardized growth forms.*
 Stems
 Clumps
 Rosettes
 Other: _____

Juveniles present: *Does your count include immature plants?*
 Yes
 No
 Annual species
 Don't know how to identify

Reproduction: *Report the state and % reproductive*
 Flower
 Fruit / spore
 Flower & fruit
 Vegetative (0% reproductive)
 % Reproductive: _____
 (# reproductive ÷ # total) x 100

Today's soil condition:

Flooded
 Saturated
 Moist, well-drained
 Dry

Species:

Site:

Subpop:

Section 4: Native associate species information

Associates: List dominant native species, as well as any additional species noted.

Trees (including saplings and seedlings)

1 _____

2 _____

3 _____

4 _____

Herbaceous Plants

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

7 _____

8 _____

9 _____

Shrubs and/or Vines

1 _____

2 _____

3 _____

4 _____

Section 5: Invasive plant species (Exotic invasives and/or aggressive natives)

Total brush encroachment: Check all that apply, including if none.

	None	1-25%	26-50%	51-75%	76-100%
Invasive woody brush < 1 m tall:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Invasive brush/tree encroachment > 1 m tall:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Encroachment by species: List all invasive species, including those contributing to total brush encroachment above, and indicate their impact. If confirming the absence of an invader, select 'None'. See POC Manual for details.

	None	1-20%	21-40%	41-60%	61-80%	81-100%
1 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7 _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section 6: Threats to the subpopulation

Rate the degree of threat: Report immediate threats to the landowner and/or POC.

	None	1-25%	26-50%	51-75%	76-100%
Deer browse (% of all study plants browsed):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deer browse (% of all plants browsed):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Erosion:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Authorized trails:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Unauthorized trails:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are there invasive species outside the population area that are not found within? Yes* No

*Which invasive species? _____

Threat notes:

Section 7: Management within subpopulation within the last year

Brush or invasive tree removal:

- Yes
- No
- Don't know

Evidence:

- Freshly cut stumps
- Recent brush piles
- Steward/manager's word
- Other:

% Subpop affected:

- 1-33%
- 34-66%
- 67-100%
- Don't know

SPECIES REMOVED:

- 1.
- 2.
- 3.

Herbaceous invasive removal:

- Yes
- No
- Don't know

Evidence:

- Piles of pulled plants
- Brown/dying plants
- Steward/manager's word
- Other:

% Subpop affected:

- 1-33%
- 34-66%
- 67-100%
- Don't know

SPECIES REMOVED:

- 1.
- 2.
- 3.

Burning:

- Yes
- No
- Don't know

Evidence:

- Ash
- No leaf litter/duff
- Steward/manager's word
- Other:

% Subpop affected:

- 1-33%
- 34-66%
- 67-100%
- Don't know

Mowing*:

- Yes
- No
- Don't know

Evidence:

- Cut stems
- Fresh clippings
- Steward/manager's word
- Other:

% Subpop affected:

- 1-33%
- 34-66%
- 67-100%
- Don't know

*Include a "Yes" response for mowing only if mowing is performed as a management practice. Mowing roadsides or trails is NOT a management tool for natural areas, and should be noted in the threats section.

Section 8: Directions to subpopulation and notes

Directions: Provide any changes to previous directions or detailed directions to new subpopulations

Notes

Monitor Names	Roles*	Hours

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*ROLES: Volunteer (V), steward (SD), staff (SF) or intern (I). For new volunteers, provide confidentiality form and contact info.

Submit original form to POC. A scan may be emailed instead of mailing a paper form. In addition, online submission using your approved account login is strongly encouraged. Forms can be submitted via our web site at: plantsofconcern.org.