



Plants of Concern Monitoring Form – 2010

Submitted to POC?

Submitted to Land Manager?

Submitted online?

LEAD MONITOR'S NAME: _____

MONITORING DATE: _____

Use one form for each subpopulation. Subpops are separated by at least 50 meters between the closest plants in each group. Monitor within 10 days of previous year's monitoring date. Refer to the last recorded monitoring report, which you can access with your login from the website. Complete every blank. On the GPS, associates, or directions sections **only**, you may write "same as last report" if there are no changes. Review guidelines in the Volunteer Manual or at www.plantsofconcern.org.

SECTION 1: GENERAL SPECIES AND SITE IDENTIFICATION

GENUS: _____

EOR #: _____

SPECIES: _____

COUNTY: _____

VARIETY: _____

LAND OWNER: _____

SITE NAME: _____

MANAGER: _____

SUBPOPULATION #: _____

PLANTS IN Yes

SUBPOP FOUND? No* * If plants are **not** found, go to Sections 4, 5, 6 and 7 to input information on the area searched.

SECTION 2: GPS

WHICH COORDINATE SYSTEM ARE YOU USING?

Degree Decimal (e.g. dd.ddddd N) ☆

Degree Minute Second (e.g. dd°dd'dd.dd" N)

UTM (e.g. dddddd)

Minute Decimal (e.g. dd°dd.ddd)

WHICH DATUM?

NAD 27 ☆

WGS-84 (NAD-83)

☆ POC preferred

***North, South, East, and West points needed**

ONLY if dimensions exceed 13 meters.

GPS same as last report?		LATITUDE	LONGITUDE	ACCURACY (m)
<input type="checkbox"/> Yes <input type="checkbox"/> No If "No" or if new or annual subpop, record GPS.	CENTER:	°N	°W	
	NORTH*:	°N	°W	
	SOUTH*:	°N	°W	
	EAST*:	°N	°W	
	WEST*:	°N	°W	

SECTION 3: SUBPOPULATION INFORMATION

DISTANCE COVERED BY POPULATION IN METERS:

E-W: _____

N-S: _____

TODAY'S SOIL CONDITION?

Flooded

Saturated

Moist, well-drained

Dry

TOTAL NUMBER?*

(include juveniles if applicable)

#: _____

< or = 100

101-200

201-400

401- 800

>800

COUNT ESTIMATED?

Yes

No

If applicable, please

describe estimation

method below, or in

Notes on p.3 _____

GROWTH FORM?

Stems

Clumps

Rosettes

Other: _____

REPRODUCTIVE STATE?

% Reproductive** : _____

Flower

Fruit

Flower & Fruit

Vegetative

JUVENILES PRESENT?

Yes

No

Annual

Don't know how to identify

* Count or **provide a number as close as possible**, also select a range. See population estimation exercise in the Volunteer Manual.

** % Reproductive can be found by dividing the number of reproductive plants (flowering or fruiting) by the total number of plants.

SECTION 4: ASSOCIATE SPECIES INFORMATION

ASSOCIATES - list **dominant native** species. List additional ones if you prefer. Write "same as last report" if no change, and attach list from previous report if available.

Trees (including saplings and seedlings):

1. _____
2. _____
3. _____

Shrubs/Vines:

1. _____
2. _____
3. _____

Herbaceous Plants:

1. _____
2. _____
3. _____
4. _____
5. _____

SECTION 5: THREATS TO THE SUBPOPULATION

DEGREE OF THREATS - Check all that apply, including if none (0%)

Invasive woody brush encroachment < 1 m tall	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Invasive brush/tree encroachment > 1 m tall	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Deer browse (% of study plants browsed)	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Deer browse (% of all plants browsed)	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Erosion (% of area with visible signs)	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Other: _____	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Other: _____	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%
Other: _____	<input type="checkbox"/> 0%	<input type="checkbox"/> 1-25%	<input type="checkbox"/> 26-50%	<input type="checkbox"/> 51-75%	<input type="checkbox"/> 76-100%

Are there any **authorized** trails that impact the population? Yes No % of impact: _____

Are there any **unauthorized** trails that impact the population? Yes No % of impact: _____

OTHER THREATS - If you notice an immediate threat to the population contact the landowner or POC

INVASIVE SPECIES - % of impact of invasive, exotic **OR NATIVE PLANTS**

Species:

1. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%
2. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%
3. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%
4. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%
5. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%
6. _____	<input type="checkbox"/> 1-20%	<input type="checkbox"/> 21-40%	<input type="checkbox"/> 41-60%	<input type="checkbox"/> 61-80%	<input type="checkbox"/> 81-100%

SECTION 6: MANAGEMENT WITHIN THE SUBPOPULATION IN THE PAST YEAR

BURNING

Yes % Monitored 1-33%
 No population 34-66%
 Don't Know affected: 67-100%

EVIDENCE:

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

BRUSH OR INVASIVE TREE REMOVAL

Yes % Monitored 1-33%
 No population 34-66%
 Don't Know affected: 67-100%

EVIDENCE: **SPECIES REMOVED:**

Freshly cut stumps _____
 Recent brush piles _____
 Steward or manager's word _____
 Other: _____

HERBACEOUS INVASIVE REMOVAL

Yes % Monitored 1-33%
 No population 34-66%
 Don't Know affected: 67-100%

EVIDENCE: **SPECIES REMOVED:**

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

MOWING***

Yes % Monitored 1-33%
 No population 34-66%
 Don't Know affected: 67-100%

EVIDENCE:

Cut stems
 Fresh clippings
 Steward or manager's word
 Other: _____

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

OTHER MANAGEMENT WITHIN OR AFFECTING THE SUBPOPULATION AND % OF SUBPOPULATION AFFECTED:

SECTION 7: DIRECTIONS TO SUBPOPULATION AND NOTES

Give detailed directions for **new subpopulations** or **changes** in directions. Include: nearest town, route number, parking, major trail, and walking directions. Sketch a simple location map and outline of the population within the site; use landmarks. Use back if needed.

DIRECTIONS: If unchanged, write same as last report.

NOTES (use reverse if necessary):

Monitor Names	Roles*	Hours

Monitor Names	Roles*	Hours

*Indicate volunteer, steward, staff or intern (stewards are also volunteers.)

Within 3 weeks of monitoring, **submit original form to POC**, send a copy to the Land Manager, and keep a copy for your records. See guidelines in Volunteer Manual for submission procedures. **IN ADDITION**, on-line submission is requested at <http://www.plantsofconcern.org>.