

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.
 Complete every blank field. For the GPS, Associates, or Directions sections, you may write "same as last report" if there are no changes.
 Review protocol at plantsofconcern.org.

SECTION 1: GENERAL SPECIES AND SITE INFORMATION

GENUS: _____ **COUNTY:** _____

SPECIES: _____ **LAND OWNER:** _____

VARIETY: _____ **MANAGER:** _____

SITE NAME: _____ **PLANTS IN SUBPOP FOUND?** Yes No
 If plants are not found, enter data in sections 4-7 regarding area searched

SUBPOP#: _____ **SOIL CONDITION:** Flooded Saturated
 Moist, well-drained Dry

SECTION 2: GPS INFORMATION AND SUBPOP DIMENSIONS

Coordinates are required for new POC subpopulations, annual species, and for existing subpopulations at least every 2-3 years.

ARE GPS DATA NEW THIS YEAR? Yes No (but GPS is same as before) I have no GPS data

COORDINATE SYSTEM Decimal degrees (e.g. dd.dddd N)

DATUM WGS 84 – preferred Datum NAD-27 NAD-83

LATITUDE	LONGITUDE	ACCURACY	DISTANCE COVERED BY SUBPOP
CENTER	°N	°W	E-W: _____
NORTH	°N	°W	meters
SOUTH	°N	°W	N-S: _____
EAST	°N	°W	meters
WEST	°N	°W	m

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

Measure at widest part of subpopulation

SECTION 3: SUBPOPULATION INFORMATION

GROWTH FORM: Stems Clumps Rosettes Other: _____

COUNT METHOD: Direct Count Transect Estimate Range Estimate

Vegetative Count _____

Reproductive Count _____

Total Count _____

REPRODUCTION: Flower Fruit / Spore Flower & Fruit Vegetative (0% reproductive)

RANGE ESTIMATE: < or = 100 101-200 201-400 401-800 > 800

Annual Species have 100% reproduction

% REPRODUCTIVE: _____
 (# reproductive ÷ # total) x 100

Species: _____ Site: _____ Subpop: _____

SECTION 4: DOMINANT NATIVE SPECIES

Trees (including saplings)		Herbaceous Plants	
1	_____	1	_____
2	_____	2	_____
3	_____	3	_____
		4	_____
Shrubs and/or Vines		5	_____
1	_____	6	_____
2	_____	7	_____
3	_____	8	_____

SECTION 5: INVASIVE PLANT SPECIES (Exotic invasives and/or aggressive natives)

ENCROACHMENT BY SPECIES: List all invasive species 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"/>

INVASIVE WOODY ENCROACHMENT: Indicate percent of subpop impacted by woody species listed above by height class

	None	1-25%	26-50%	51-75%	76-100%
Less than (<) 1 meter tall:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Greater than (>) 1 m tall:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Are there invasive species outside the subpopulation (15 meters beyond) not found within? Yes No

If yes, which invasives species? _____

SECTION 6: IMPACTS ON THE SUBPOPULATION

INDICATE THE DEGREE OF IMPACT: Report immediate threats to the landowner and/or Plants of Concern.

	None	1-25%	26-50%	51-75%	76-100%
Deer browse on monitored species:	<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"/>

IMPACT NOTES

SECTION 7: MANAGEMENT WITHIN SUBPOPULATION WITHIN LAST YEAR

WOODY INVASIVE REMOVAL:		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	EVIDENCE: <input type="checkbox"/> Freshly cut stumps <input type="checkbox"/> Recent brush piles <input type="checkbox"/> Steward/manager's word <input type="checkbox"/> Other:	SPECIES REMOVED: 1. _____ 2. _____ 3. _____

HERBACEOUS INVASIVE REMOVAL:		
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	EVIDENCE: <input type="checkbox"/> Piles of pulled plants <input type="checkbox"/> Brown/dying plants <input type="checkbox"/> Steward/manager's word <input type="checkbox"/> Other:	SPECIES REMOVED: 1. _____ 2. _____ 3. _____

BURNING:	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	EVIDENCE: <input type="checkbox"/> Ash <input type="checkbox"/> No leaf litter/duff <input type="checkbox"/> Steward/manager's word <input type="checkbox"/> Other:

SECTION 8: DIRECTIONS TO SUBPOPULATION AND NOTES

DIRECTIONS - Provide detailed notes for 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.

Within three weeks of monitoring, submit data online and upload a scanned copy of your field report at plantsofconcern.org