



Wisconsin Rare Plant Monitoring Program Data Collection Form

Lead Monitor Name: _____ Monitoring Date: _____ Hours: _____

Other monitors	Hours

Use one form for each population. Populations are separated by at least 50 meters between the closest plants in each group.

Section 1: Target Species and Site Information

Scientific Name:	Population:
Common Name:	County:
Site Name:	Land Owner:

Plants found? Yes _____
 No _____

Section 2: Site Location

Survey description: Give detailed written description of the area searched. **This is not necessarily the same as the dimensions of the population.** Example: "We searched the entire south-facing slope from Hamilton Road to the tree line. Target species was found at GPS coordinates written below." Or "The western two prairie openings were searched but we didn't make it to the eastern opening or the surrounding woods. See GPS coordinates below." Include any trails or landmarks when possible. Alternatively, sketch a map of the area surveyed or annotate a map you received from the Program Coordinator. Use the back of one of these pages if necessary.

GPS Coordinates: Record new GPS data each year.

	Latitude (°N)	Longitude (°W)	Accuracy (m)
Center			
North			
South			
East			
West			

Only enter north, south, east, and west GPS coords if population dimensions exceed 50m x 50m.

Section 3: Population Size

Use the boxes below to provide information on the target species population size.

Distance covered by population (m)	
Width	
Length	

What is an individual?	
	Stem
	Clump
	Rosette
	Other:

Population size estimated?	
	Yes, using visual estimation
	Yes, using level 1 protocol
	Yes, using level 2 protocol
	No

Number reproductive	
	Flower
	Fruit
	Don't know how to identify

Number seedlings	
	Seedlings
	Don't know how to identify

Total number of individuals (reproductive + vegetative + seedlings)

Section 4: Habitat Information

Associates: List dominant native species found near target population.

Trees

Herbaceous plants (grasses, flowers, ferns)

Shrubs/Vines

Soil and slope aspect: Circle/highlight one

Soil	Submerged	Saturated	Mesic	Dry	Dry, exposed sand or gravel
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Aspect	North-facing	South-facing	East-facing	West-facing	Level
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Section 5: Threats

Degree of threats: Circle/highlight all that apply

Invasive woody brush/tree encroachment <1m tall	0%	1-25%	26-50%	51-75%	76-100%
Invasive woody brush encroachment >1m tall	0%	1-25%	26-50%	51-75%	76-100%
% browse on population of target species	0%	1-25%	26-50%	51-75%	76-100%
% browse on surrounding vegetation	0%	1-25%	26-50%	51-75%	76-100%
Erosion	0%	1-25%	26-50%	51-75%	76-100%
Authorized trails impacting popn	0%	1-25%	26-50%	51-75%	76-100%
Unauthorized trails impacting popn	0%	1-25%	26-50%	51-75%	76-100%
Other:	0%	1-25%	26-50%	51-75%	76-100%
Other:	0%	1-25%	26-50%	51-75%	76-100%

Other threats (including invasives in area that are not directly impacting target population):

Non-native invasive species: List scientific names of all non-native invasive plant species impacting the target population and circle/highlight the percentage of the target population area that is impacted.

Species name				
1.	1-25%	26-50%	51-75%	76-100%
2.	1-25%	26-50%	51-75%	76-100%
3.	1-25%	26-50%	51-75%	76-100%
4.	1-25%	26-50%	51-75%	76-100%

Section 6: Management History

Only consider management activities that have occurred within the last year in the immediate vicinity of the target population. Check all that apply.

Management activity	Occurred in past year?
Burning	
Invasive herbaceous removal (hand pulling, mowing, herbiciding)	
Invasive brush or tree removal	
Don't know	

Other management notes:

Section 7: Miscellaneous

Use this space to include any other information you feel is important that was not captured elsewhere.