

**Special Plant Survey Form**

Sourcecode (office use only)

Survey Site: \_\_\_\_\_ Date: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Surveyors: \_\_\_\_\_ Town: \_\_\_\_\_ Email: \_\_\_\_\_  
 GPS Waypoint #s: \_\_\_\_\_  
 GPS coordinates: \_\_\_\_\_ Datum (e.g., NAD 83): \_\_\_\_\_ GPS Unit / model: \_\_\_\_\_  
 Directions: (Map must be attached)

Species  EONum:

IMPORTANT: What diagnostic features were observed that would separate it from similar species?

Specimen taken? **Yes\_\_No\_\_** Photograph taken? **Yes\_\_No\_\_** Photograph attached? **Yes\_\_No\_\_**  
 For specimens: Collector, collection #, repository: \_\_\_\_\_

**Office Use Only** ID reviewed by: \_\_\_\_\_ Date: \_\_\_\_\_ Based on:  Description  Photograph  Specimen  
 Conclusion:  Verified  Possible - needs follow-up  Mis-identified

Phenology (%)	Population Size			Age Structure (%)	Vigor (%)
	Ramets	actual #	Genets**		
In leaf				seedlings	Very feeble
In bud		estim. #		immature	Feeble
In flower		1-10		vegetative sprouts	Normal
Immature fruit		11-50		1 <sup>st</sup> year	Vigorous
Mature fruit		51-100		mature (established)	Exceptionally
Seed dispersing		101-1000		senescent	vigorous
Vegetative reproduction*		> 1,000		age unknown	

\*Describe vegetative reproduction: \_\_\_\_\_  
 \*\*Genets: How defined? Average size?: \_\_\_\_\_

% of plants with	Description
Evidence of disease	_____
Injury / herbivory	_____

**Population Polygon (PP):** If you drew a line around **all** the plants you found, how large an area would be within it?  
**Total Cover (TC):** What is the total area covered by all the plants (as if they were growing next to one another)?

	<b>PP</b>	<b>TC</b>	
< 1 sq. meter	_____	_____	What % of the Population Polygon is covered by this species? _____ = (TC / PP)*100
1-5 sq. m.	_____	_____	Within the population polygon, how are the stems distributed? <b>Clumped__Scattered__Other__</b>
5-10 sq. m.	_____	_____	If "other", describe: _____
10-100 sq. m.	_____	_____	_____
100-1000 sq. m. (.1 ha)	_____	_____	How much time was spent searching in this area? _____ people searched for _____ minutes
> 0.1 ha	_____	_____	How thoroughly was the Population Polygon searched? <b>Very well__Fairly well__Not well__</b>
actual area (if known)	_____	_____	Is there suitable habitat nearby that was not searched? <b>Yes__No__Unknown__</b>

Comments on population size / distribution / etc.:

Aspect	Slope	Light	Topo position	Moisture regime	Comments
N _____ NE	0-3%	Open	Crest	Inundated (hydric)	
E _____ NW	3-8%	Partial	Upper slope	Saturated (wet-mesic)	
S _____ SE	8-15%	Filtered	Mid-slope	Moist (mesic)	
W _____ SW	15-35%	Shade	Lower slope	Dry-mesic	
Flat	35%-vert.		Bottom	Dry (xeric)	
Degrees	degrees				

Elevation range: \_\_\_\_\_ to \_\_\_\_\_ **feet / meters** Soil name (SCS) / Substrate: \_\_\_\_\_  
 Bedrock type: \_\_\_\_\_

Associated natural community:	Releve completed?	Yes__ No__
Dominant / characteristic species:		
Associated plant species (immediate vicinity):		
Invasive species:		
Sketch (habitat and/or overhead view). Include scale, north arrow, and where the plants are.		
Owner aware of the plant?	Yes__ No__ Unknown__	Owner comments:
Owner protecting the plant?	Yes__ No__ Unknown__	
Evidence of disturbance:		
Management needs:		
The SIZE of the population: Summarize first page, provide additional details (e.g. on the distribution of the plants, how confident you are that most of the habitat was searched, thus most plants were located).		
The current CONDITION of the population and its immediate habitat. Include reproductive activity and health of the plants, and dispersal, establishment, and maintenance of the population. Also evidence of disturbance in the immediate vicinity including known presence of invasive species.		
The condition of the LANDSCAPE in the area SURROUNDING the population (e.g. is the area an undisturbed, functioning natural ecosystem: current and past land use? fragmentation?).		
Letter ranks summarizing the comments made above: A = Excellent, B = Good, C = Fair, D = Poor		
Size Rank:	Condition Rank:	Landscape Context Rank:
Overall Rank (A-D):		
Your experience with this species (ranks are relative to):		
<input type="checkbox"/> Local	<input type="checkbox"/> Statewide	<input type="checkbox"/> Regional <input type="checkbox"/> Global