

OFFICE USE ONLY		EO#:
SNAME:	SITE:	SURVEY DATE:
	TOWN:	ENTERED BY:

- New record
 Update

RARE PLANT SURVEY FORM

Natural Diversity Data Base
Connecticut Department of Environmental Protection
79 Elm Street, 6th Floor
Hartford, CT 06106-5127

*Please complete this form to the best of your ability.
Submit survey forms, maps, and all supporting documents to the address above.*

*SPECIES SCIENTIFIC NAME:	Element Occurrence (EO) # (if known):
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REPORTER INFORMATION

Name(s):	
Address:	Telephone No:
	E-mail address:

SURVEY/SITE INFORMATION

Site Name:	Survey Date(s):
Town(s):	County:

Directions to plant population, including best parking and access points. Please attach a map with boundaries drawn around observed plant populations (or surveyed area if plants not found).

GPS Coordinates	Method Used to Determine Coordinates:
Latitude N	<input type="checkbox"/> GPS Unit GPS Make/Model:
Longitude: W	<input type="checkbox"/> Mapping Software Software:
Coordinate system (NAD83 preferred):	<input type="checkbox"/> Online Maps Online site:

POPULATION DATA

Population Size	
Actual No. Observed	
Estimated No./Range	

What was counted?
(e.g. stems, clumps, floating masses, etc.)

Population Area	
Length (units)	
Width (units)	
Area (units)	

Evidence of disease, predation or injury? Yes No Explain:

Phenology			
	% In leaf		% Mature fruit
	% In flower bud		% Seed dispersing
	% In flower		% Dormant
	% Immature fruit		% Senescent

Age Structure	
	% Seedlings
	% Immature
	% Mature (established)
	% Senescent
<input type="checkbox"/>	Age structure unknown

Vigor	
<input type="checkbox"/>	Very feeble
<input type="checkbox"/>	Feeble
<input type="checkbox"/>	Normal
<input type="checkbox"/>	Vigorous
<input type="checkbox"/>	Exceptionally vigorous

Comments on above:

HABITAT

Aspect		Slope		Light		Topographic Position		Moisture	
<input type="checkbox"/> N	<input type="checkbox"/> NE	<input type="checkbox"/> 0-3%	<input type="checkbox"/> 3-8%	<input type="checkbox"/> Open	<input type="checkbox"/> Crest	<input type="checkbox"/> Permanently Inundated	<input type="checkbox"/> Seasonally Inundated/Exposed	<input type="checkbox"/> Tidally Inundated/Exposed	<input type="checkbox"/> Saturated (Hydric)
<input type="checkbox"/> E	<input type="checkbox"/> NW	<input type="checkbox"/> 8-15%	<input type="checkbox"/> 15-35%	<input type="checkbox"/> Partial	<input type="checkbox"/> Upper Slope	<input type="checkbox"/> Moist (Mesic)	<input type="checkbox"/> Dry-Mesic	<input type="checkbox"/> Dry-Xeric	<input type="checkbox"/> Other:
<input type="checkbox"/> S	<input type="checkbox"/> SE	<input type="checkbox"/> 35% - vertical		<input type="checkbox"/> Filtered	<input type="checkbox"/> Mid-Slope				
<input type="checkbox"/> W	<input type="checkbox"/> SW			<input type="checkbox"/> Shade	<input type="checkbox"/> Lower-Slope				
<input type="checkbox"/> Flat					<input type="checkbox"/> Bottom				
	° re true N	Measured (° or %):			Other:				
	° re mag N	Horizontal shape (as for next item):							
		Vertical shape (ie. Convex, concave, straight, variable):							
Elevation: to <input type="checkbox"/> feet <input type="checkbox"/> meters									
Soil/substrate name/description(give source):									
Estimated # of acres of potential habitat in the immediate area: _____									
Evidence of disturbance: <input type="checkbox"/> fire <input type="checkbox"/> logging <input type="checkbox"/> disease <input type="checkbox"/> insect damage <input type="checkbox"/> windthrow <input type="checkbox"/> invasives									
Comments:									

Associated natural/plant communities:

Associated plant species (separated strata, e.g. tree, shrub, herb layers):

IDENTIFICATION

Photograph taken?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Photo ID:
Specimen taken*	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If yes, provide: Collector: Repository: Collection #:
Identification problems?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Explain:

*DEP Scientific Collection Permit is needed to collect specimens

CONSERVATION

Owner info:	
Owner aware of EO? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown	Owner protecting EO? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown
Threats to EO:	
Conservation/ management needs:	
Research needs:	

SUPPORTING DOCUMENTS (please attach)

- Sketch map (showing finer detail than topo or aerial photo)
- Aerial photo map
- Topographic map (available at <http://www.econmap.com/magic/> OR <http://ctecoapp1.uconn.edu/advancedviewer/>)
- Cross section of topography/habitat (include scale, direction, element position, description, and sub-occurrence ID[s], if needed)
- Photos Slides Field notes Route of survey map