

SURVEYOR INFORMATION

Survey date: _____ - _____ - _____	Time from: _____ to: _____ am or pm (circle)	Sourcecode: F _____ M I U S
Surveyors (principal surveyor first, include first & last name): _____		
Weather conditions: _____		
Revisit to this EO needed? <input type="checkbox"/> yes <input type="checkbox"/> no Why?: _____ <small>EO refers to element occurrence i.e. the species this form is reporting on</small>		

ELEMENT INFORMATION

Scientific name: _____	Data sensitive? Y N	EOID: _____	Occ.# (if known): _____
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FILING

SURVEYSITE: _____	SITENAME: _____
QUADCODE: _____	QUADNAME: _____

LOCATIONAL INFORMATION

Was the Landowner contacted?	Landowner Name: _____
Owner Type: _____	Note: _____
DIRECTIONS: Provide detailed directions to the observation (rather than the survey site). Include landmarks, roads, towns, distances, compass directions. _____ _____ _____	
Township/Range/Section _____	
County: _____	Managed area name: _____
Was GPS used? _____	Type of unit : _____
Waypoint name/#: _____	
File name : _____	
OPTIONAL: Latitude _____ Longitude _____	
FEATURE INFORMATION (mandatory) Point: <12.5 m in both dimensions, Line: >12.5 m in one dimension, Polygon: >12.5m in both dimensions	
Source Feature: Single Source EO _____ Multi-Source EO _____ Conceptual Feature Type: Point _____ Line _____ Polygon _____	
TOPOGRAPHIC MAP (mandatory)	
1. Attach a photocopy of the appropriate part of a USGS topographic map (1:24,000 scale if available) and write the map scale on the photocopy. Please do NOT enlarge or reduce the map.	
2. Indicate on the map the exact location of the observation(s):	
a. When the observed area is no larger than a pen point on the map (i.e., only a small number of individuals or extremely small patches), place <u>small points</u> on the map indicating the location(s) of the individuals or patches, and label each point with an arrow so they are more easily seen.	
b. When the observed area is larger than a pen point on the map, (e.g., a population of plants, foraging birds):	
(1) Draw a <u>thin solid boundary line showing the extent of the observed area</u> occupied by the individuals.	
(2) Indicate disjunct patches (polygons) by drawing the boundary for each patch separately.	
(3) If the boundary follows the edge of a lake, stream, road, marsh or other feature, draw the boundary <u>precisely on the edge</u> of the feature.	
(4) Where needed, add notes to the map with instructions on where the boundary line is located or if the boundary is shared with other observations.	
3. A hand drawn sketch may be included for finer details.	
LOCATIONAL CERTAINTY	
Is your depiction of the observed area on the map within 6.25 m (approximately 20ft) of its actual location on the ground? Y N	
If N, complete the following:	
a. Estimate of uncertainty distance: based on landmarks, elevation, etc., the location of the observed area on the map is accurate to within _____ meters kilometers feet miles of its actual location on the ground.	
b. Is the observed area known to be located within some feature(s) on the map (e.g., wetland boundary, lake, road, trail, highway, contour lines)? Y N	
If Y, indicate the boundary within which the observed area is known to be located on the map line, and if applicable, identify the feature (e.g., marsh).	

