

SURVEYOR INFORMATION

Survey date: <u>2008-26-07</u>	Time from: _____ to: _____ am or pm (circle)	Sourcecode: F _____ M I U S
Surveyors (principal surveyor first, include first & last name): <u>ED SUAREK AND JASON BRINKLEY</u>		
Weather conditions: <u>SUNNY, LAZY, CALM, WARM</u>		
Revisit to this EO needed? <input type="checkbox"/> yes <input type="checkbox"/> no Why?: _____		

ELEMENT INFORMATION

Scientific name: <u>SPIZA AMERICANA</u>	Data sensitive? <input checked="" type="radio"/> Y <input type="radio"/> N	EOID: _____	Occ.# (if known): _____
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FILING

SURVEYSITE: _____	SITENAME: <u>ENRICO FERMI NUCLEAR GENERATING STATION</u>
QUADCODE: _____	QUADNAME: <u>STONY POINT, MI</u>

LOCATIONAL INFORMATION

Was the Landowner contacted? Yes No _____ Landowner Name: DETROIT EDISON COMPANY

Owner Type: UTILITY Note: _____

DIRECTIONS: Provide detailed directions to the observation (rather than the survey site). Include landmarks, roads, towns, distances, compass directions.
FERMI DRIVE EAST TO FIRST RIGHT PAST SECURITY STATION (TOWARDS NUCLEAR TRAINING CENTER), HEAD SOUTH WEST ON ROAD TO BEND WITH GRAVEL SHOULDER.

Township/Range/Section T6S R10E S1/2 OF NW1/4 SECTION 20

County MONROE Managed area _____

Was GPS used? Yes _____ No X Type of unit _____ Unit number _____

Waypoint name# (when using Garmin) _____ File name (when using Trimble) _____

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)

- 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.
- Indicate on the map the exact location of the observation(s):
 - 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 small points 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.
 - When the observed area is **larger than a pen point** on the map, (e.g., a population of plants, foraging birds):
 - Draw a thin solid boundary line showing the extent of the observed area occupied by the individuals.
 - Indicate disjunct patches (polygons) by drawing the boundary for each patch separately.
 - If the boundary follows the edge of a lake, stream, road, marsh or other feature, draw the boundary precisely on the edge of the feature.
 - 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.
- 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:

- 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.
- 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).

CONDITION (continued)

HABITAT DESCRIPTION: Describe the specific habitat or micro habitat where this animal occurs. Convey a mental image of the habitat and its features including: land forms, aquatic features, vegetation, slope, aspect, soils, associated plant and animal species, natural disturbances.

OBSERVATION OF ONE INDIVIDUAL ON CHAIN-LINK FENCE ADJACENT TO AGRICULTURAL FIELD. FENCE CORNER INCLUDES AREA WITH VOLUNTEER VEGETATION, MAINLY SHRUBS AND VINES. A SHRUB-DOMINATED MANAGED CORPORATE CAMPUS IS LOCATED EAST OF THE ROAD.

LANDSCAPE CONDITION: Describe the condition of the landscape surrounding the elements habitat (i.e., farmland, residential area, pristine forest)

FARMLAND TO WEST, SHRUBLAND AND CORPORATE CAMPUS TO EAST

CURRENT THREATS to this occurrence (i.e., grazing, logging, mining, plantations, ATVs, dumping, etc.) Discuss exotics in the next section.

POTENTIAL THREATS to this occurrence:

EXOTICS PRESENT? ___yes ___no. If yes, describe their impacts to the occurrence.

PAST IMPACTS to the occurrence (i.e., logging, , etc.):

TOPOGRAPHY Elevation: <u>587</u> ft. If elevation is a range: Minimum: _____ ft. Maximum: _____ ft.	Aspect: ___ N ___ NE ___ E ___ NW ___ S ___ SE ___ W ___ SW	Slope: ___ flat ___ 0-10 ___ 10-35 ___ 35+ ___ vertical	Light: ___ open ___ partial ___ filtered ___ shade	Position: ___ crest ___ upper slope ___ mid slope ___ lower slope ___ bottom	Moisture: ___ Inundated ___ saturated (wet-mesic) ___ moist (mesic) ___ dry-mesic ___ dry (xeric)
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MANAGEMENT AND PROTECTION

MANAGEMENT, MONITORING AND RESEARCH NEEDS for this occurrence (e.g. burn periodically, open the canopy, ensure water quality, control exotics, keep out the ATVs's, study effects of browsing)

AREAS IN NEED OF PROTECTION: (e.g. the entire marsh, the slope and crest of slope, the fen and upland, etc.)

If you have any questions regarding this form and its methodology please contact MNFI at (517) 373-1552.

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Rev. 10/2003

Dickcissel

