



Rhode Island Natural Heritage Program Rare Animal Element Occurrence Record

OFFICE USE ONLY: Date Received: ___/___/___
New: ___ Update: ___ Transcriber: _____
Entered into DB: ___ Mapped: ___ QC: ___

Project name: _____

Eocode _____ * _____ * RI

RINHP is established pursuant to state law (RIGL 20-1; 20-37, inter alia) and operated under an agreement among RI Natural History Survey, URI-EDC, The Nature Conservancy, and RIDEM

Please submit field forms, a copy of a USGS map, and supporting documentation to:
Rhode Island Natural History Survey, PO Box 1858, Kingston, RI 02881, or by email to rinhp@rinhs.org.

SURVEY INFORMATION

Survey date ____-____-____ (Y/M/D) Surveyor(s), principal surveyor listed first: _____

Weather conditions: _____

Additional survey work needed? Y N Why? _____

IDENTIFICATION

Common name _____

Scientific name _____

Identification problems? Y N if Y, explain _____

Photo/slide taken? Y N Where has photo/slide been deposited? _____

Specimen/voucher collected? Y N Collection # _____ Repository _____

LOCATIONAL INFORMATION

Survey site: _____ County: _____

Quad name: _____ Quad code (if known): _____

T/R/S/ ¼ ¼ sec.: _____ Elevation (range if applicable): _____ m ft

If using GPS: Latitude: _____ Longitude: _____ Unit type: _____ Accuracy: _____ m ft

Directions to site: _____

Landowner: _____ Landowner comments: _____

Managed Area Name _____

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 _____ m km ft 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 applicable, identify feature (e.g. marsh) _____

Attach a photocopy of the appropriate portion of a USGS topo map with the occurrence delineated. Do not enlarge or reduce the map.

SIZE OF ELEMENT OCCURRENCE

Size is a quantitative measure of the area and/or abundance of an occurrence.

Type of observation: ___sight ___ song/vocalization ___ road kill ___ track ___ other (explain): _____

Abundance (number of pairs, chicks, nests, adults, juveniles, hatchlings, etc.): _____

Actual number observed and census technique: _____

Number estimated and basis for estimate: _____

SIZE cont.

Population density (if practical): number: _____ per m² hectares km² acres miles²

Area of occupancy : _____ m² hectares km² ft² acres miles² Type of measurement: Precise Estimate

Observed length: _____ m km ft miles Type of measurement: Precise Estimate

Indicate whether there is confidence that the observed area represents the full extent of occupied habitat for the species at that location.

Y N ? Y = confident full extent is known; N = confident full extent is not known; ? = uncertain

CONDITION

Condition is an integrated measure of the quality of biotic and abiotic factors, structures and processes within the observed area, and the degree to which they affect the continued existence of the occurrence. Components of condition for species are: 1) reproduction and health, 2) ecological processes, 3) species composition and biological structure, 4) abiotic physical/chemical factors.

Evidence of reproduction: _____

Evidence of disease/predation/injury: _____

Associated animal taxa _____

Exotic species _____

General Habitat Description (e.g. dominant plant community, land forms, aquatic features, soils/substrate, geological features, evidence of disturbance (past and current) and alteration of ecological processes (e.g. hydrologic and fire regimes)).

Current Land Use _____

Other observations (e.g. behavior) _____

Slope _____ Aspect _____ MOISTURE: hydric (inundated) wet-mesic (saturated) mesic (moist) dry-mesic xeric (dry)

LIGHT: open partial filtered shade TOPOGRAPHIC POSITION: crest upper slope mid slope lower slope bottom

LANDSCAPE CONTEXT

An integrated measure of the quality of biotic and abiotic factors, structures and processes surrounding the observed area, and the degree to which they may affect the continued existence of the species at that location.

Describe the landscape surrounding the habitat of the occurrence (e.g. land cover, connectivity/fragmentation, condition of habitat)

Comment on evidence of disturbance (past and current) and alteration of ecological processes in the area surrounding the observation

EOrank (size + condition + landscape context)(see instructions): A B C D ? Eorank date: _____ (Y/M/D)

EOrank summary comments _____

MISCELLANEOUS DATA

Management and research needs for the element at this site (e.g. burning, control exotics, study effects of grazing)

Protection needs for the element at this site (e.g. protect entire wetland, the slope and the crest of slope)

