Natural Heritage & Endangered Species Program

RARE ANIMAL OBSERVATION FORM

Observer's name: Kurt Karwacky

Address: Woodlot Alternatives, Inc.
~~122 Main Street~~
Topsham, Maine 04086

Phone: _____ (H) 207-729-1199 (W)

Species observed: Arrow Clubtail (Stylurus spiniceps)

Date and Time of observation: 6 Jul 99, 27 Jul 99, 17 Aug 99

1. Location where species was observed:

a) Town: Lenox County Berkshire USGS Map: Pittsfield East, MA

b) Please attach a photo copy of the appropriate section of a USGS topographic map (or similar map if a USGS map is unavailable). Please carefully mark the site in red where you observed this rare species.

c) Please explain how to get to this spot: Upstream of where New Lenox Road crosses the Housatonic River

2. Number of individuals observed: 6 Jul 99 - 31 inds., 27 Jul 99 - 48 inds., 17 Aug 99 - 9 inds.

3. Was a positive ID possible? Yes Based on what field marks? _____

Exuvia. Identification completed by Jeremiah Trimble and Blair Nikula 508-432-6348

Were photographs taken? No
If yes, please submit one clear photograph of the animal.

4. Age and sex of individuals: Exuvia

5. Evidence (if any) of breeding activity at this site: Yes

(OVER)

6. Have you observed this species at this site in previous years? NO

If yes, please give details: _____

7. Description of habitat at this site: BANK OF HOUSATONIC RIVER, WITH ~~VEGETATION~~ EMERGENT AND SCRUB-SHRUB VEGETATION, ADJACENT TO FLOODPLAIN FOREST; RIVER WIDE & SLOW-MOVING, MUD BOTTOM

8. Observed or potential threats to the species or its habitat at this site:

NONE

9. Landowner's name and address, if known: UNKNOWN

10. Additional observations/comments: EXUVIA COLLECTED DURING DRAGONFLY EXUVIA SURVEYS; OTHER SPECIES INCLUDE: ZEBRA CLUBTAIL, BLACK-SHOULDERED SPINYLEG, COMMON GREEN DARNER, FAWN DARNER

11. Qualifications of observer (check all that apply):

____ Amateur naturalist. Years of experience: ____
____ Conservation Commission member
____ Biology/science teacher
X Environmental Consultant
X Degree in Biology: X Bachelor's ____ Master's ____ Ph. D.
____ Other. Please specify: _____

12. Briefly explain your previous field experience with this species:

GENERAL KNOWLEDGE OF ODONATE IDENTIFICATION

13. List names and qualifications of other observers (if any):

KAROL WOROCH, CHRIS WERNER, EUGENIE MOORE, JONATHAN MILNE - WOODLOT ALTS.

14. I hereby certify under pains and penalties of perjury that the information contained in this report is true and complete to the best of my knowledge.

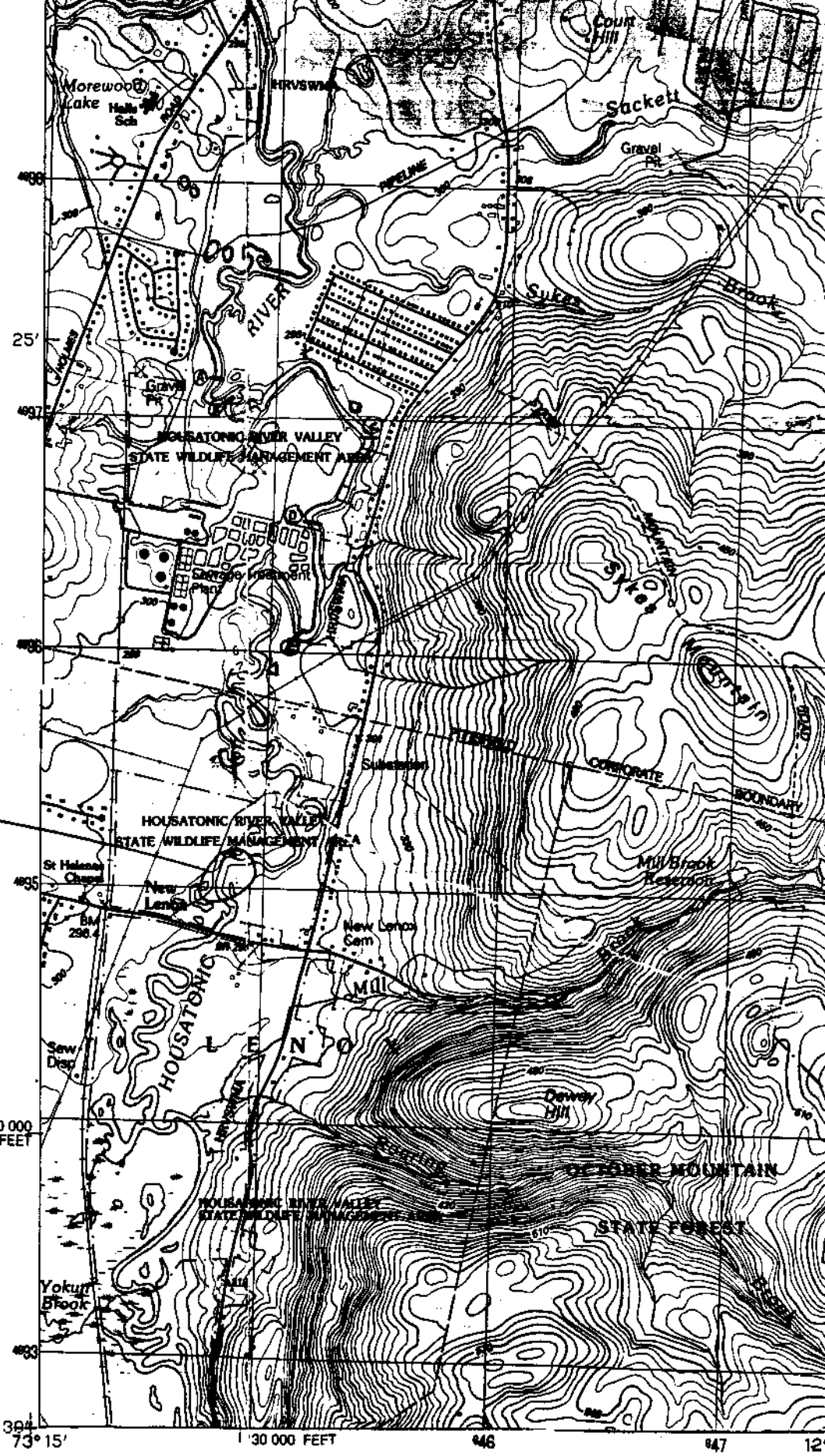
Signature _____ Date: 2 DEC 99

Please submit field forms and all supporting documentation (map, photo, etc.) to:

MA Natural Heritage and Endangered Species Program
MA Division of Fisheries and Wildlife
Route 135
Westboro, MA 01581
508-792-7270 ext. 200

* - Cobble / Sand bottom Backpack fishing

□ = Sand bottom, Shallow Backpack fishing

Δ = Deep [illegible] good sites for [illegible]

ARROW CLUBTAIL