

## Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs, and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by lay persons as well as scientists.

1. Registration Number: **11-R-0006** Certificate Number: **75**

2&3. Number of animals and Species (common name) used in this study:

**"Long-Term Study of an Oak-Pine Forest Ecosystem," A2011-05-01**

	Total Captures	# Found Dead	# Euthanized	# Released
Short-tailed Shrew	2	2	0	0
Eastern Chipmunk	26	0	0	26
Red Squirrel	13	2	1	10
So. Flying Squirrel	16	0	0	16
White-footed Mouse	1112	0	0	1112
Red-backed Vole	91	1	0	90
<b>TOTAL</b>	<b>1260</b>	<b>5</b>	<b>1</b>	<b>1254</b>

Total trapnights = 2041

4. Explain the procedure producing pain and/or distress.

**Animals are live trapped and released at capture site. A cotton nestlet is placed in each trap to occupy their time and to provide insulation. Sufficient food (oat/peanut butter mixture) is placed in each trap for animals to maintain metabolism. Each trap is covered by a cedar shingle to keep the trap dry in wet weather and to keep direct sunlight off the trap. Despite these procedures, incidental mortality was expected by the investigator. Animals found dead are reported in Column E of the report, as they presumably suffered.**

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below.)

**N/A. Objectives of the study are to document population changes over a long period of time, to document habitat use, and document the effects of forest harvesting on populations and habitat use. Animals are marked, sexed, aged, weighed, and sometimes measured. They are also examined for ticks and other parasites. Animals are marked (ear tags, PIT tags, marker), so that individuals can be recognized, which is an essential component of mark/recapture studies. The IACUC will review these numbers.**

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): **N/A**

Agency \_\_\_\_\_

CFR \_\_\_\_\_

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1. Registration Number: **11-R-0006** Certificate Number: **75**

2&3. Number of animals and Species (common name) used in this study:

"Wildlife Field Survey," A2011-04-06

	Total Captures	# Found Dead	# Euthanized	# Released
Deer Mouse	4	3	0	1
Red-backed Vole	1	0	0	1
<b>TOTAL</b>	<b>5</b>	<b>3</b>	<b>0</b>	<b>2</b>

4. Explain the procedure producing pain and/or distress.

**Animals are live trapped and released at capture site. Traps are baited and opened in the morning and checked after 2-3 hours. Bedding materials are provided in the traps. Traps are closed after the morning check. A female deer mouse gave birth to three offspring (all of which were found dead). Animals found dead are reported in Column E of the report, as they presumably suffered.**

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below.)

**N/A. This is a field course. The objective of the course is to provide students with hands-on experience in the field of wildlife and fisheries biology, including experience in identification of species, field sampling and capture methods, and research procedures. No deaths have occurred in the past due to the short amount of time traps are open.**

6. What, if any, federal regulations require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g., APHIS, 9 CFR 113.102): **N/A**

Agency \_\_\_\_\_ CFR \_\_\_\_\_