See attached form for additional information. Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 32-R-0016

CUSTOMER NUMBER: 776

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

University Of Notre Dame Grad Studies & Rsch, 511 Main Building Notre Dame, IN 46556

Telephone: (574) -631-6085

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthelic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be aftached to this report	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0 :	0	0
6. Guinea Pigs	0	0	20	0	20
7. Harnsters	0	0	4	0	4
8. Rabbits	0	2	18	0	18
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
eer Mouse	0	73	0	0	73
hite-footed Mou	se O	11	0	0	11
lying Squirrel	0	17	0	3	20

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reseteaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and ap Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary into brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

as appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other at	specis of annual care and use.
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
NAME & TITLE OF CIED OF INSTITUTIONAL OFFICIAL Class or Print L	DATE SIGNED
(b)(6), (b)(7)c	11/5/
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

(AUG 91)

Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO.

776

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

32-R-0016 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code) University of Notre Dame Office of Research, 511 Main Building Notre Dame, IN 46556

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional shoots if a con-		
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquillzing drugs were used.	E. Number of animals upon which learning, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO. OF ANIMALS (Cais. C + D + E)
Eastern Chipmun	0	7	0	0	7
Vole	0	2	0	0	2
Shrew	0	5	0	1	6
ASSURANCE STATEMENTS 1) Professionally acceptable sta	odards noveming the co-	transment and use of			

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief E	ATION BY HEADQUARTERS RESEARCH FAC xecutive Officer or Legally Responsible Instituty by that the above is true, correct, and complete (7 U.S.C. S	utional official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICE	NAME & TITLE OF CEO OF INCHTIFF		DATE SIGNED
APHIN FORM 7022A	(b)(6), (b)(7)c		11/5/08

(AUG 91)

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

Column E Explanation

1. Registration number: 32-R-0016

- 2. Number of animals used in this study: 119, out of which 115 were Category C and 4 were Category E.
- 3. Species used in the study:

Deer mouse, white-footed mouse, flying squirrel, Eastern chimpmunk, Red-backed vole, and Northern short-tailed shrew.

- 4. Small, wild mammals were live-trapped in a study to evaluation populations of these animals at the University of Notre Dame Environmental Research Center (UNDERC). Specie was documented and most animals were weighed, then released. While traps were checked frequently, a few animals were found dead in the traps. Though we do not know if these animals were weak due to pre-existing illness, we are counting them as Category E animals.
- 5. Efforts were made to check the traps at a frequency that assured animals would not remain in the trap for more than a few hours. For the majority (96%) of trapped animals, they were healthy when found and subsequently released. However, a small percentage (4%) were found dead in the trap. Constant monitoring of the taps would create activity that would frighten animals from the trap and thereby render the study meaningless. We believe that the small percentage of animals found dead in the traps may have had pre-existing illness that resulted in their demise.