UNITED STATES DEPARTMENT OF ACCULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14 R 0036

Status: Active

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)
University of Massachusetts at Amh

Animal Care Office, Grad. Sch. 512 Goodell Building Amherst, MA 01003

DEC 02 1999

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

515

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

FACILITY LOCATIONS (Sites)
See Attached

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach adjultional shoets if necessary or use APHIS FORM 7023A)

A. Animals Covered By The Animal Wellare Regulations	8. 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 leaching, research, experiments, or tests were conducted involving no pain, distress, or use of 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 and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E Number of animals upon which teaching, 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 tranquilizing 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 (Cols. C + D + E)
4. Dogs	Ø	Ø	Ø	Ø	Ø
5. Cats	Ø	Ø	Ø	Ø	Ø ·
6. Guinea Pigs	Ø	Ø	6	Ø	6
7. Hamsters, Syrian	62	120	202	542	864
8. Rabbits	9 .	Ø	107	Ø	107
9. Non-human Primates	Ø	6	Ø	Ø	6
10. Sheep	Ø	Ø	Ø	Ø	Ø
11. Piqs	10	19	52	Ø	71
12. Other Farm Animals					
Cattle	Ø	Ø	3	Ø	3
13. Other Animals					
Siberian hamster	135	Ø	35	24	194
Gerbils	29	Ø	67	Ø	67
Degus	Ø	ø	6	Ø	6

1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate 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 such 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

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

12/1/99

, UMass-Amhers

CULTURE UNITED STATES DEPARTMENT OF . ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 14-R-0036

FORM APPRIORES OMB NO 0579 0575

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address as registered with 1151)A University of Massachusetts at Amherst include Zip Code)

Animal Care Office, Grad. Sch. 512 Goodell Building

01003 Amherst, MA Status: Active

ERBRT OF ANIMALS USED BY OR	WOER CONTROL OF	RESEARCH FACILITY	(Attach adultional sheets if nec	essary or use this form t	
Aminals Covered By The Animal Welfare Regulations 12 &/OR 13 Other (List by species)	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.	D. Number of unimage upon which experime(1):— teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which uppropriate alesthetic, analysisic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analysism, or transpulsing 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 effected to this report).	TOTAL NO OF ANIMAL: (Cols. C * D + E)
eadow voles	Ø	1	Ø	0	100
rairie voles	Ø	100	300	0	5
ine voles	Ø	5	Ø	0	2136
hite footed mice	Ø	2136	Ø	0	297
ed backed vole	Ø	297	Ø	0	104
. Short tailed shr	ew Ø	104	Ø	0	
. Chipmunk	Ø	78	Ø	Ø	78
asked shrew	Ø	10	Ø	0	10
oodland jump. mous	e Ø	2	Ø	Ø	2
ong tailed weasel	Ø	2 .	Ø	Ø	2
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ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the cure, treatment, and use of animals, including appropriate use of aniesthetic analgesic and tranquilizing drugs, prior to during and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered afternatives to paintiff 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 histiational Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report addition to identifying the IACUC approved exceptions. This summary includes a tirief explanation of the exceptions, is well as the Species and number of unimals after the
- 4) The attending votermarian for this research facility has appropriate authority to ensure the provision of udequale veterinary, are and to oversee the adequacy of other aspects عجا ليسم عبري المسمر

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Ecertify that the above is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

UMass-Amherst

12/1/99