

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information collection is estimated to average 2 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**OMB APPROVED**  
0579-0036  
Exp. : 11/30/2012

This report is required by law (7 U.S.C. 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

Interagency Report Control  
No. 0180-DOA-AN

Fiscal Year: 2010

**UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE**

REGISTRATION NUMBER: 86-R-0005

CUSTOMER NUMBER: 1045

**2. HEADQUARTERS RESEARCH FACILITY** (Name and Address, as registered with USDA, include ZIP Code)  
NORTHERN ARIZONA UNIVERSITY  
BOX 4087  
FLAGSTAFF, AZ 86011

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

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

**FACILITY LOCATIONS (Sites)**

**(b)(2),(b)(7)(f)**

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary or use APHIS FORM 7023A.)

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.	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 on these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
DOGS	0	37	0	0	37
CATS	0	0	0	0	0
GUINEA PIGS	0	0	0	0	0
HAMSTERS	0	0	0	0	0
RABBITS	0	0	0	0	0
NONHUMAN PRIMATES	0	0	0	0	0
SHEEP	0	0	0	0	0
PIG	0	0	0	0	0
OTHER FARM ANIMALS	0	8	0	0	8
ALL OTHER COVERED SPECIE	0	2752	25	0	2777

**ASSURANCE STATEMENTS**

- 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.
- Each principal investigator has considered alternatives to painful procedures.
- 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.
- The attending veterinarian for this research facility has appropriate authority to ensure the provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**  
(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.))

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

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED

**(b)(6),(b)(7)(c)**

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**CONTINUATION SHEET FOR ANNUAL  
REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

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NORTHERN ARIZONA UNIVERSITY  
BOX 4087  
FLAGSTAFF, AZ 86011

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY** (Attach additional sheets if necessary.)

A.	B.	C.	D.	E.	F.
Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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 tranquilizing drugs were used.	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 on these animals and the reasons such drugs were not used must be attached to this report.)	TOTAL NUMBER OF ANIMALS  (Cols. C + D + E)
OTHER FARM ANIMALS	0	8	0	0	8
Desert Shrew	0	8	0	0	8
ALL OTHER COVERED SPECIE	0	2752	25	0	2777
Allens lappet-brownd bat	0	6	0	0	6
Arizona myotis	0	51	0	0	51
Big Free-tailed bat	0	4	0	0	4
Big brown bat	0	579	0	0	579
Brush deer mouse	0	292	0	0	292
Bushy tailed woodrat	0	8	0	0	8
Cactus deer mouse	0	83	0	0	83
California myotis	0	83	0	0	83
Canyon bat	0	134	0	0	134
Canyon deer mouse	0	5	0	0	5
Cliff chipmunk	0	20	0	0	20
Fringed myotis	0	114	0	0	114
Gray four-eyed opossum	0	3	0	0	3
Great Western mastiff bat	0	2	0	0	2
Grey-collared chipmunk	0	3	0	0	3
Hoary bat	0	99	0	0	99
House mouse	0	3	0	0	3
Kinkajou	0	0	7	0	7
Long-eared myotis	0	119	0	0	119
Long-legged myotis	0	158	0	0	158
Mexican Free-tailed bat	0	107	0	0	107
Mexican Woodrat	0	3	0	0	3
North American Beaver	0	6	0	0	6
North American deer mouse	0	188	0	0	188
North rock deer mouse	0	8	0	0	8
Northern Grasshopper	0	7	0	0	7

mouse					
Pallied bat	0	171	0	0	171
Pocket gopher	0	1	0	0	1
Rock squirrel	0	6	0	0	6
Silky pocket mouse	0	14	0	0	14
Silver-haired bat	0	170	0	0	170
Southwestern myotis	0	33	0	0	33
Spotted bat	0	9	0	0	9
Spotted ground squirrel	0	4	0	0	4
Stephens woodrat	0	27	0	0	27
Townsend's big-eared bat	0	20	0	0	20
Unknown bat species	0	5	0	0	5
Variagated squirrel	0	0	18	0	18
Western Harvest mouse	0	24	0	0	24
Western Small-footed bat	0	61	0	0	61
White footed mouse	0	29	0	0	29
White throated woodrat	0	83	0	0	83
Yuma myotis	0	10	0	0	10

**ASSURANCE STATEMENTS**

- 1.) 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 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 provisions of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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