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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
<b>UNITED STATES DEPARTMENT OF AGRICULTURE</b> <b>ANIMAL AND PLANT HEALTH INSPECTION SERVICE</b>		<b>1. REGISTRATION NUMBER</b> 23-R-0021
<b>ANNUAL REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)		<b>2. HEADQUARTERS RESEARCH FACILITY</b> (Name, address, and telephone number as registered with USDA, include ZIP Code)  PENNSYLVANIA STATE UNIVERSITY OFFICE FOR RESEARCH PROTECTIONS THE 330 BUILDING SUITE 205 UNIVERSITY PARK, PA 16802
<b>3. REPORTING FACILITY</b> (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)**

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**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)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	9	0	9
7. Hamsters	0	0	10	0	10
8. Rabbits	123	38	93	35	166
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	5	39	0	44
11. Pigs	0	2	52	0	54
12. Other Farm Animals	0	43	0	0	43
13. Other Animals	0	1769	125	0	1894

**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.

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

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

	<b>DATE SIGNED</b> 12-FEB-2018
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<b>UNITED STATES DEPARTMENT OF AGRICULTURE</b> <b>ANIMAL AND PLANT HEALTH INSPECTION SERVICE</b>  <b>CONTINUATION SHEET FOR ANNUAL</b> <b>REPORT OF RESEARCH FACILITY</b> (TYPE OR PRINT)	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <b>1. REGISTRATION NUMBER</b> 23-R-0021         </div> <div> <b>2. HEADQUARTERS RESEARCH FACILITY</b> <i>(Name, address, and telephone number as registered with USDA, include ZIP Code)</i>            PENNSYLVANIA STATE UNIVERSITY            OFFICE FOR RESEARCH PROTECTIONS            THE 330 BUILDING SUITE 205            UNIVERSITY PARK, PA 16802         </div>
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REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY <i>(Attach additional sheets if necessary or use this form.)</i>					
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. <i>(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.)</i>	F.  TOTAL NUMBER OF ANIMALS  (Cols. C + D + E)
WHITETAILED DEER	0	195	0	0	195
ELK	0	95	0	0	95
BLACK BEAR	0	0	56	0	56
WILD MICE	0	1339	41	0	1380
GERBILS	0	0	8	0	8
WEASEL	0	1	0	0	1
SHREW	0	98	0	0	98
WILD CHIPMUNK	0	12	20	0	32
WILD SQUIRRELS	0	10	0	0	10
WILD VOLE	0	19	0	0	19

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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). <b>A summary of all such exceptions is attached to this annual report.</b> 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.

<b>CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL</b> <b>(Chief Executive Officer (C.E.O.) or Legally Responsible Institutional Official (L.O.))</b> I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).	
	<b>DATE SIGNED</b>  12-FEB-2018