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 disolays a valid OMB control number. The valid OMB control number for this information collection is 0579-0036. The time required to complete this information n is eslimated 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

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: 2009

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

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REGISTRATION NUMBER: 34-R-0149

Customer Number: 1347 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

Grand Valley State University 401 W Fulton Grad Studies And Grants, (b)(2) High, (b)(7)f Grand Rapids, MI 49504

Telephone: (616) 331 7265

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

FACILITY LOCATIONS (Sites) See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, Number of animals upon experiments, research, surgery, or tests were which experiments. Number of animals conducted involving accompanying pain or teaching, research, Number of animals upon which distress to the animals and for which the use of being bred, surgery, or lests were TOTAL NUMBER teaching, research, appropriate anesthetic, analgesis, or conditioned or held conducted involving Animals Covered By experiments, or OF ANIMALS accompanying pain or tranquilizing drugs would have adversely The Animal for use in teaching, tests were distress to the animals affected the procedures, results, or testing, experiments Welfare Regulations conducted involving (Cols. C + D + E) interpretation of the teaching, research and for which research, or surgery no pain, distress, or experiments, surgery, or tests. (An explanation appropriate anesthetic, but not yet used for use of pain-relieving of the procedures producing pain or distress on these animals and the reasons such drugs analgesic, or such purposes. drugs. tranquilizing drugs were were not used must be attached to this report.) used. 0 0 4. Dogs 0 0 5. Cats 0 0 6. Guinea Pigs 0 0 7. Hamsters 0 0 8. Rabbits 0 0 9. Non-human Primates 0 0 10. Sheep 0 0 11. Pigs 0 0 12. Other Farm Animals 13. Other Animals See Attached

### 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 2.)
- 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
(Chi	of Executive Officer (C.E.O.) or Legally Responsible Institutional Official (I.O.)
4-50-00	I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

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

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 CMB 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

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: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

## CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REGISTRATION NUMBER: 34-R-0149

Customer Number: 13477

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Code)

Grand Valley State University
401 W Fulton Grad Studies And Grants. (b)(2)High, (b)(7)f Grand Rapids, MI 49504

Telephone: (616) 331 7265

ed en announce actividad microscopición de la companya del companya de la companya de la companya del companya de la companya	The same of the sa		(Attach additional sheets if neces		TF.
Animals Covered By The Animal Welfare Regulations	Number of animals being bred, conditioned, or held for use in leaching, 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, analgasic, 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
Meadow Vole		214			214
Short-Tailed Shrew		125			125
Masked Shrew		41			41
Eastern Chipmunk		18			18
Meadow Jumping Mouse		53			53
13-Lined Ground Squirrel		121			121
Whitefooted Mouse		2			2
Southern Flying Squirrel		4			4
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#### 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.
- 2.1 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

The second control of the second	A STATE OF THE STA	CERTIFICATION BY HEADQUARTERS RESEARCH ( Chief Executive Officer (C.E.O.) or Legally Responsible Is certify that the above is true, correct, and complete (7).	Institutional Official (I.O.))	
SIG		(b)(6), (b)(7)c	Application of the concepts of	DATE SIGNED
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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

OMB APPROVED

and to be subject to penalties as provided for in Section 2150.

Interagency Report Control No. 0180-DOA-AN

Fiscal Year: 2009

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

REGISTRATION NUMBER: 34-R-0149

Customer Number: 13477

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include ZIP Gode)

Grand Valley State University 401 W Fulton Grad Studies And Grants Grand Rapids, MI 49504

(b)(2)High, (b)(7)f

Telephone: (616) 331 7265

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.	Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	(Attach additional sheets if neces  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.)	TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
Sooty Mustached Bat		30		*	30
Blaineville's Ghost Faced		21		Description (Article des Spiriter)	21
Greater Antillean Long- Tongued Bat		31			31
Antillean Fruit-Eating Bat		12			12
Parnell's Mustached Bat		56			56
Waterhouse's Leaf-Nosed Bat		13			13
Great Antillean Fruit Bat		12			12
Buffy Flower Bat		5			5
Big Brown Bat		6			6
Hispaniolan Funnel-Eared Bat		4			4
Greater Bulldog Bat		1		A COLOR DE PROPERTO DE PROPERT	1
Poey's Flower Bat		1		1	1
Eastern Red Bat		290			290
Paulian's Trident Bat		1			1

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- 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.
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	Property and the control of the cont	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
X				DATE SIGNED
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-			* OR OTHER DESIGNATION OF THE PROPERTY OF THE	demand and the second second

AUG 2009