The report is required by law (7 USC 2143). Failure to report according to the regulation result in an order to cease and desist and to be subject to penalties as provided for in Se	s can See reverse side for ion 2150. additional information	Interagency Report Control No. 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO.	FORM APPROVED OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	include Zip Code) U.S. Department of the I U.S. Geological Survey I 12201 Sundise Valley Dri Reston, Virginia 20192	Biological Resources Division

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, te sheets if necessary.)

FACILITY	LOCATIONS (Si	tes)			
See ATTACHMENT	NE UNDER CONT	OL OF DESEADCH	FACILITY (Attach additional	sheets if necessary or use AOHIS 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 in these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters		3 (A)			3
8. Rabbits	2 (C)	2 (C)			2
9. Non-human Primates				3	
10. Sheep					
11. Pigs					
12. Other Farm Animals	·				
13. Other Animals-Lab Mice	6 (A) 27 (C)	389 (A) 16 (C)		345 (A)	756

ASSURANCE STATEMENTS

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing 1. 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 3 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 provision of adequate veterinary care and to oversee the 4 adequacy of other aspects of animal care and use- -

CERTIFICATION BY HEADQUARTERS RESEARCH FACI (Chief Executive Officer or Legally Responsible Institutional O I certify that the above is true, correct, and complete (7 U.S.C. Sect	Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED December 8, 1999
(b)(c) (7)(C) APHIS FORM 7023 (Replaces VS Form 18-23 (OCT 88), which is a (AUG 91)	obsolete.) Description of the second	ed by Rise for Ar

Uploaded to Animal Research Laboratory Overview (ARLO) on 09/18/2020

Interagency Report Control No. The report is required by law (7 USC 2143). Failure to report according to the regulations can See reverse side for result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. additional information. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO. 10-F-9008	FORM APPROVED OMB NO. 0579-0036
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (Type or Print)	include Zip Code) U.S. Department of the Int U.S. Geological Survey Bio 12201 Sunrise Valley Drive Reston, Virginia 20192	blogical Resources Division e, MS 300
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEA	RCH FACILITY (Attach additional	sheets if necessary or use this form).

F. TOTAL E. Number of animals upon which teaching, C. Number of D. Number of animals B. Number of A. Animals Covered by the NO. OF experiments, research, surgery or tests were animals upon upon which experiments, Animal Welfare Regulations animals being bred, ANIMALS teaching, research, conducted involving accompanying pain or conditioned, or which teaching. distress to the animals and for which the use of surgery, or tests were held for use in research. (Cols. C + D + appropriate anesthetic, analgestic, or tranquilizing experiments, or conducted involving teaching, testing, drugs would have adversely affected the E) accompanying pain or experiments, tests were procedures, results, or interpretation of the distress to the animals conducted research, or surgery and for which appropriate teaching, research, experiments, surgery, or tests. involving no pain, 12. &/OR 13. Other but not yet used for (An explanation of the procedures producing pain anesthetic, analgesic, or such purposes. distress, or use of (List by species) or distress in these animals and the reasons such pain relieving tranquilizing drugs were drugs were not used must be attached to this used. drugs. report.) 36 36 (H) Sea Otter 61 61 (H) Polar bear 76 76 (H) Caribou 5 5 (H) Moose 113 113 (C) Black Bear 19 19 (E) Grizzly Bear Bison 30 30 (E) 108 108 (E) Thirteen-lined Ground Squirrel 21 21 (E) Northern Grasshopper Mouse 13 12 (D) 1 (E) Silky Pocket Mouse 3 3 (E) Plains Pocket Mouse

ASSURANCE STATEMENTS

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing 1 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 3 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 provision of adequate veterinary care and to oversee the 4 adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACI (Chief Executive Officer or Legally Responsible Institutional O I certify that the above is true, correct, and complete (7 U.S.C. Sect	fficial)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED December 8, 1999
APHIS FORM 7023 (Replaces VS Form 18-23 (OCT 88), which is	obsolete.) PART I - HEADQUAN	RTERS
(AUG 91)		ed by Rise for A

mals. Uploaded to Animal Research Laboratory Overview (ARLO) on 09/18/2020

The report is required by law (7 USC 2143). sailure to report according to the r result in an order to cease and desist and to be subject to penalties as provided for	egulations can See reverse side for or in Section 2150. additional information.	Interagency Report Control No. 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO. 10-F-0008	FORM APPROVED OMB NO. 0579-0036
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (Type or Print)	include Zip Code) U.S. Department of the In U.S. Geological Survey B 12201 Sunrise Valley Driv Reston, Virginia 20192	iological Resources Division ve, MS 300
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RI	ESEARCH FACILITY (Attach additiona	I sheets if necessary or use this form).

A. Animals 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 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, analgestic, 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 attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Hispid Pocket Mouse		3 (E)		· · · · · · · · · · · · · · · · · · ·	3
Prairie Vole		9 (E)			9
Black-footed Ferret		21 (A) 49 (E)			70
Siberian Polecat	12 (E)	14 (E)			14
Hybrid Ferret				17 (A)	17
Pallid Bat		35 (E)			35
Townsend's Longeared Bat		5 (E)			5
Big Brown Bat		61 (E)			61
Hoary Bat		1 (E)			1
Silver-haired Bat		15 (E)			15
California Myotis		5 (E)			5
Long –legged Myotis		32 (E)			32

ASSURANCE STATEMENTS

(AUG 91)

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.

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.

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 HEADQUARTERS RESEARCH FACIL (Chief Executive Officer or Legally Responsible Institutional Of I certify that the above is true, correct, and complete (7 U.S.C. Sect	(ficial)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (6) (6) (6) (7) (7)	DATE SIGNED December 8, 1999
APHIS FORM 7023 (Replaces VS Form 18-23 (OCT 88), which is o	bsolete.) PART I - HEADQUAR	TERS

Obtained by Rise for Animals. Uploaded to Animal Research Laboratory Overview (ARLO) on 09/18/2020

The report is required by law (7 USC 2143). Failure to report according to the esult in an order to cease and desist and to be subject to penalties as provided	regulations can See reverse side for for in Section 2150. additional information.	Interagency Report Control No. 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO. 10-F-0008	FORM APPROVED OMB NO. 0579-0036
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (Type or Print)	include Zip Code) U.S. Department of the In	ological Resources Division

REPORT OF ANIMALS USED BY OK UND

A. Animals 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 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, analgestic, 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 attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Long-eared Myotis		89 (E)			89
Western Small-footed Myotis		57 (E)			57
Fringed Myotis		27 (E)			27
Yuma Myotis		15 (E)			15
Western Pipistrelle		26 (E)			26
Mexican Free-tailed Bat		9 (E)			9
Big Free-tailed Bat		13 (E)			13
Southwestern Myotis		4 (E)			4
Allen's Big-eared Bat	-	3 (E)			3
Swift Fox		15 (G)			15
Gray Wolf			12 (G)		12

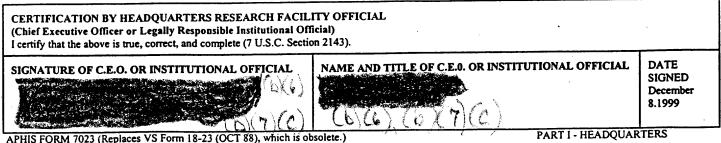
ASSURANCE STATEMENTS

4

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing 1 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 3 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 provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.



(AUG 91)

Obtained by Rise for Animals. Uploaded to Animal Research Laboratory Overview (ARLO) on 09/18/2020

Interagency Report Control No See reverse side for The report is required by law (7 USC 2143). Failure to report according to the regulations can 0180-DOA-AN Result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. additional information. FORM APPROVED OMB NO. 0579-0036 **REGISTRATION NO.** UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 10-F-0008 2. HEADQUARTERS RESEARCH FACILITY (Name/Address, as registered with USDA, CONTINUATION SHEET FOR ANNUAL REPORT OF include Zip Code) U.S. Department of the Interior (Type or Print) U.S. Geological Survey Biological Resources Division

12201 Sunrise Valley Drive, MS 300

Reston, Virginia 20192

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use this form).

A. Animals 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 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, analgestic, 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 attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
White-tailed Deer			38 (G)		38
Florida Manatees		20 (F)			20
Merriam kangaroo rat		303 (D)			303
California vole		1294 (D)			1294
Antelope ground squirrel		1 (D)			1
San Joaquin antelope squirrel		42 (D)			42
Short-nosed kangaroo rat		54 (D)			54
San Joaquin pocket mouse		21 (D)			21
Pacific jumping mouse		11 (D)			11
Dusky-footed woodrat		8 (D)			8

ASSURANCE STATEMENTS

RESEARCH FACILITY

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. 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 2 explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is 3 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 provision of adequate veterinary care and to oversee the 4 adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACE (Chief Executive Officer or Legally Responsible Institutional O I certify that the above is true, correct, and complete (7 U.S.C. Sect	flicial)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED December 8, 1999
(WILPL DICTION DISTORT	PART I - HEADOUAR	TERS

APHIS FORM 7023 (Replaces VS form 18-23 (OCT 88), which is obsolete.) (AUG 91)

Obtained by Rise for Animals. Uploaded to Animal Research Laboratory Overview (ARLO) on 09/18/2020

5

2

23

558

2398

The report is required by law (7 US result in an order to cease and desis	C 2143). Failure to report t and to be subject to pena	t according to the regula lities as provided for in 1	tions can See reverse s Section 2150. additional int		Interagency Report Control N 0180-DOA-AN	io.
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE			1. REGISTRATION NO 10-F-0008	NO. FORM APPROVED OMB NO. 0579-0036		-0036
CONTINUATION SHEET F RESEARCH FACILITY (Type or 1 REPORT OF ANIMALS USE	Print)		include Zip Code) U.S. Department o U.S. Geological Su 12201 Sunrise Val Reston, Virginia 2	of the Int urvey Bio ley Drive 0192	ological Resources Division	with USDA,
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.	experimen conducted distress to appropriat drugs wou procedure teaching, i (An expla or distress	r of animals upon which teaching, its, research, surgery or tests were involving accompanying pain or the animals and for which the use of e anesthetic, analgestic, or tranquilizing and have adversely affected the s, results, or interpretation of the research, experiments, surgery, or tests, mation of the procedures producing pain in these animals and the reasons such e not used must be attached to this	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Trowbridge's shrew		222 (D)				222
Vagrant shrew		125 (D)				125
Pacific shrew		15 (D)				15
Shrew mole		20 (D)				20

ASSURANCE STATEMENTS

Broad-footed mole

Sonoma chipmunk

gopher

Deer mouse

Valley (Botta's) pocket

Western harvest mouse

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing 1 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

5 (D)

2 (D)

23 (D)

558 (D)

2397 (D) 1 (E)

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 3 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 provision of adequate veterinary care and to oversee the 4 adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH EACH (Chief Executive Officer or Legally Responsible Institutional O I certify that the above is true, correct, and complete (7 U.S.C. Sec	official)		
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. O	R INSTITUTIONAL OFFICIAL (仏)(し) (仏)(ツ)(C)	DATE SIGNED December 8, 1999
APHIS FORM 7023 (Replaces VS Form 18-23 (OCT 88), which is obsolete.)		PART I - HEADQUAR	RTERS
(AUG 91)			

The report is required by law (7 USC 2143). Failure to report according to the re result in an order to cease and desist and to be subject to penalties as provided for	gulations can See reverse r in Section 2150. additional in			
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	3. REGISTRATION 10-F-0008	NO. FORM APPROVED OMB NO. 0579-0036		
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (Type or Print)	include Zip Code) U.S. Department U.S. Geolegical S 12201 Sunfise Va Reston, Virginia 2	U.S. Department of the Interior U.S. Geolegical Survey Biological Resources Division 12201 Surfise Valley Drive, MS 300 Reston, Virginia 20192		
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RE	SEARCH FACILITY (Attach	additional sheets if necessary or use this form).		

A. Animals 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 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 attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
Mountain Lion			4 (D)		4
White-footed Mouse	256 (B)	200 (B)		l	200
Short-tailed Shrew	5 (B)	5 (B)			5
······································					

ASSURANCE STATEMENTS

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing 1 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 3 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 provision of adequate veterinary care and to oversee the 4 adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACI (Chief Executive Officer or Legally Responsible Institutional Of I certify that the above is true, correct, and complete (7 U.S.C. Sect	fficial)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL	DATE SIGNED December 8, 1999
APHIS FORM 7023 (Replaces VS Form 18-23 (OCT 88), which is o (AUG 91)	PART I - HEADQUAR	TERS