OMB Control No. 1024-0265
Expiration Date: 08/31/2019

GENERAL SUBMISSION (GS) FORM

INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE
Natural Resources Stewardship and Science Directorate
Biological Resource Management Division
1201 Oakridge Drive, Suite 200
Fort Collins, CO 80525
Telephone: (970) 267-7237 or Email: NPSIACUC@nps.gov

Check List

☐ I have entered all relevant information in this GS Form. (The GS form is a standalone document. The NPS IACUC will not review study plans or scientific proposals to answer questions left blank on the GS form. Supporting materials may be attached to the GS form, but they cannot substitute for material that must be answered on the GS form.

☐ I have reviewed the Animal Welfare Act , its regulations and standards, and have designed the study using the three Rs of reduction, refinement, and replacement to minimize animal pain and distress.

☐ I have followed, to the extent practicable, the relevant recommendations and guidelines developed by professional societies such as:

Guidelines of the American Society of Mammalogists

Guidelines to the Use of Wild Birds in Research

Guidelines for Use of Live Amphibians and Reptiles in Field and Laboratory Research

Guidelines for the Use of Fishes in Research, and

American Veterinary Medical Association Guidelines for the Euthanasia of Animals

and have referenced those specific guidelines in this GS Form.

☐ I have digitally signed this GS form prior to submission to the NPS IACUC.

If you are unsure of what is required to complete this form, please visit the NPS IACUC web page, or contact the IACUC Administrator (NPSIACUC@nps.gov; 970-267-7237)

SAVE for ATTACHMENT | PRINT FORM | CLEAR FORM

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ASSURANCE OF ANIMAL CARE FORM

Project Title:

Enter your project's title

Park Units Involved in Study:

Enter all NPS Park units involved in the study

Name(s) of Funding Source(s):

How many Funding Sources are there? 1

Enter Acronym	Spell-out acronym

Approximate Proposed Starting Date:

Enter your project's approximate start date

Completion Date:

Enter your project's expected completion date

Is this an ongoing project? No

I. PERSONNEL

1	NPS Contact:		NPS Unit:	
	Email Address:		Phone Number:	
2	NPS Contact:		NPS Unit:	
	Email Address:		Phone Number:	
3	NPS Contact:		NPS Unit:	
	Email Address:		Phone Number:	

Principal Investigator's Name:

Email Address: Phone Number:

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Yes | Will the Principal Investigator be on site for the entire project?

Attending Veterinarian?

All projects must have an official Attending Veterinarian (AV). The AV is traditionally the individual with whom the project PIs consult in the planning of activities involving the use of vertebrate animals. The NPS IACUC Attending Veterinarian, Tracy Thompson, DVM, is the official, default AV for all submissions. If additional veterinarians will be delegated to consult on these activities, please list below.

☐ I have read and understand the above statement.

0 | How many delegated veterinarians are there?

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Personnel Qualifications:

0 How many personnel are involved in the animal component of this project?

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Purpose and Intent of Study:

How would you explain to a non-scientist, the specific objective(s) of your study?

Does this study duplicate previous research? No

Study Classification: Combination

Field Research

Captive Research

Combination of Field and Captive Research

Specific Study Areas:

Animal Housing:

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II. USE OF VERTEBRATE ANIMALS AND PROJECT DETAILS

Scientific Name	Common Name	# to be Used (Year	# to be Used (Year	# to be Used (Year

No — Is additional space needed for more study animals?

Do you have any OPPORTUNISTIC or NON-TARGET ANIMALS in your study? No

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What is the rationale for the use of animals?

What is the appropriateness of species to be used?

Provide a detailed justification for the number of animals to be used:

THE U.S.D.A Annual Report requires the NPS IACUC to report the number of animals used by or under control in each of the following categories:

B) Numbers 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 reason such drugs were not used must be attached to this report.

Categories will be assigned by the NPS IACUC based on the highest anticipated pain/distress level found in the description of proposed procedures. The category assignment is recorded on the approval letter sent to the PI. Category D or E requires a search for alternatives to those procedures that may cause pain or distress.

☐ I have read and understand the above USDA APHIS AC Categories.

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No	Do any proposed procedures cause more than momentary or slight pain or distress?

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Animal Use Procedures:

No — Will WILDLIFE CAPTURE BE CONDUCTED (LIVE CAPTURE OR KILL TRAPPING)?

No — Will any ANIMALS BE TRANSPORTED?

No — Will any PHYSICAL RESTRAINT be used after capture?

No — Will any CLEANING PROCEDURES of equipment be done?

No — Will PERSONAL PROTECTIVE EQUIPMENT (PPE) be used?

Please refer to: Compendium of Veterinary Standard Precautions and the Safe Work Practices Field Guide.

No — Will there be MONITORING OF PHYSIOLOGICAL VITAL SIGNS?

No — Will there be any MARKING OR TAGGING?

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No | Will any BLOOD SAMPLES be taken?

No | Will any URINE OR FECES SAMPLES be taken?

No | Will there be any OTHER BODY FLUID OR TISSUE SAMPLING?

No | Is this a BEHAVORIAL OR OBSERVATIONAL STUDY (WITHOUT PROLONGED RESTRAINT OR NOXIOUS STIMULI)?

Will there be BEHAVIORAL OR OBSERVATIONAL TESTING (WITH PROLONGED RESTRAINT OR NOXIOUS STIMULI)?

No

No | Will any SPECIAL DIETS be utilized?

No | Will there be any FOOD AND/OR WATER DEPRIVATION?

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No	Will there be any INDWELLING CATHETERS OR IMPLANTS?
No	Will PARALYTICS be administered?
No	Will any ANESTHETICS be administered?
No	Will any ANALGESICS be administered?
No	Will CONTROLLED AND/OR PRESCRIPTION PHARMACEUTICALS be utilized?
No	Will any DRUGS, TOXINS, REAGENTS, CELLS, ETC. (OTHER THAN ANALGESICS, ANESTHETICS, OR PARALYTICS) be administered?
No	Will DEATH BE USED AS AN ENDPOINT?

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No | Will any OTHER procedures be utilized that the NPS IACUC should be aware of?

III. TYPE, FREQUENCY, AND TREATMENT OF INJURIES

Describe the most likely forms of injuries to research animals, how frequent injury(ies) is(are) expected to occur, and planned procedures for injured animals (treatment or euthanasia).

IV. EUTHANASIA AND DISPOSITION

All methods of euthanasia must follow the American Veterinary Medical Association Guidelines for the Euthanasia of Animals. Any deviations must be scientifically justified.

Describe the method of euthanasia planned:

Describe the method used to ensure the animal will not revive:

Disposition of remains:

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V. Animal Surgery Information

Is there surgery planned for this study?	No

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Permits:

Permit Type	Permit Number	Expiration Date
Permit Type	Permit Number	Expiration Date
Permit Type	Permit Number	Expiration Date
Permit Type	Permit Number	Expiration Date
Permit Type	Permit Number	Expiration Date

V. AUDIOVISUAL RECORD

Do you have an Audiovisual Record for your submission? No

VI. LITERATURE CITATIONS

Do you have additional literature to cite for this project? No

Assurance Statement

The information in this general submission Form is an accurate description of the animal care and use protocol(s) to be used in the described project. All people handling animals in this project have been, or will be, properly trained in the methods, protocols, and equipment described in this submission form. All individuals working under this project will comply with the requirements of the Animal Welfare Act, its Regulations and Standards, and the Interagency Research Animal Committee U.S. Government Principles.

All work proposed herein is designed to minimize pain and distress to the animals, does not unnecessarily duplicate previous experimentation, and cannot be reasonably conducted using non-animal alternatives.

Please type your full name as your signature:

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NOTICES

Privacy Act Statement

General: This information is provided pursuant to Public Law 93-579, Privacy Act of 1974, for individuals completing this form.

Authority: The authority to collect information on the attached form is derived from the 7 U.S.C. Chapter 54, Transportation, Sale, and Handling of Certain Animals.

Purposes and Uses: The information is being collected for the purpose of reviewing activities related to the care and use of animals and to approve all research, teaching, and exhibition activities involving vertebrate animals on NPS managed lands and territories. . Information from the application may be transferred to appropriate Federal, State, and local agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

Disclosure: Providing your information is voluntary, however, failure to provide the requested information may impede the National Park Service the review of activities related to the care and use of animals and to approve, all research, teaching, and exhibition activities involving vertebrate animals on NPS managed lands and territories. . If you provide the information, please be advised that the U.S. Criminal Code, Title 18 U.S.C. 1001, provides that knowingly falsifying or concealing a material fact is a felony that may result in fines of up to $10,000 or 5 years in prison, or both. Deliberately and materially making false or fraudulent statements on this form will be grounds for not approving your submission.

Paperwork Reduction Act Statement

This information collection is subject to the Paperwork Reduction Act (44 U.S.C. 3501) and The National Park Service Organic Act (16 U.S.C. 1a-7). The information in this form will be used by National Park Service Institutional Animal Care and Use Committee (NPS IACUC) for the purposes of reviewing activities related to the care and use of animals and to approve all research, teaching, activities involving vertebrate animals on NPS managed lands and territories. No action may be taken against you for refusing to supply the information requested, however this complete form must be submitted, reviewed, and approved before any related activities can be performed. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Estimated Burden Statement

The time to complete this form is estimated to be 3 hours per response. You may send comments concerning the burden estimate or any aspect of this information collection to: Information Collection Clearance Officer, National Park Service, 12201 Sunrise Valley Drive, MS-242, Reston, VA 20192.