



FISCAL YEAR: _____

UNIVERSITY OF CALIFORNIA, BERKELEY RESEARCH USE APPLICATION

HASTINGS NATURAL HISTORY RESERVATION

Please call in advance to check for availability, then fill out one application per researcher.

Submit completed application via email to Reserve Manager Mark Stromberg at stromber@socrates.berkeley.edu or mail to: Hastings Reservation, 38601 East Carmel Valley Rd, Carmel Valley, CA 93924; Phone: (831) 659-2664

1. APPLICANT INFORMATION:

APPLICANT

: _____

APPLICANT'S TITLE OR ACADEMIC STATUS: _____

ADVISOR (If applicable): _____

INSTITUTION (Do not abbreviate): _____

DEPARTMENT (Do not abbreviate): _____

OFFICE

ADDRESS: _____

CITY/STATE/ZIP: _____

OFFICE PHONE: _____

OFFICE

EMAIL: _____

FAX: _____

2. PROJECT DURATION DATES (Month/year to month/year):

3. REQUESTED ARRIVAL AND DEPARTURE DATES (Exact dates of use. Please sign-in daily at the reserve.)

4. FULL PROJECT/THESIS TITLE (Do not truncate):

IF FOR DEGREE: BS/BA MS/MA Ph.D. Advisor's Name: _____

5. INTRODUCTION OF NON-NATIVE GENOTYPES

Does your project involve the transfer of animals, plants, and/or microorganisms from outside the reserve to within the reserve, or between different parts of the reserve? Yes No

6. STATEMENT OF PROPOSED RESEARCH PROJECT. (Include location of field areas, animal and plant populations that may be affected by the proposed research, and any housing or other resources needed during the project. Any potential disturbances to the reserve's ecosystem or cultural resources, including all experimental manipulations, collections, and the introduction of any species or genotypes, must be clearly described. The application will be evaluated using the following considerations: potential impacts to natural systems; potential impacts to present or future long-term use of reserve for research or instructional purposes; compliance with state and federal law and any stated reserve research policies; scientific merit and feasibility; funding constraints; potential conflicts with on-going reserve research or instructional programs; and availability of alternative sites. Please type or print clearly.)

7. CONTRACT/GRANT INFORMATION (Please check all that apply to your project.)

- PROJECT IS SELF-FUNDED.
- PROJECT IS CURRENTLY BEING SUPPORTED BY A CONTRACT(S) OR GRANT(S)
- A CONTRACT(S) OR GRANT(S) APPLICATION HAS BEEN SUBMITTED BUT HAS NOT YET BEEN APPROVED.
- A CONTRACT(S) OR GRANT(S) APPLICATION WILL BE SUBMITTED IN THE FUTURE.

If this project is currently being supported by a contract(s) or grant(s), please complete the following for each award received (attach additional sheets, if needed). If you receive funding for your project in the future, please update the reserve manager.

PRINCIPAL INVESTIGATOR: _____

PI'S AFFILIATION (Do not abbreviate): _____

SPONSOR (Do not abbreviate): _____

AWARD AMOUNT: _____ DATE AWARD GRANTED: _____

PROJECT DURATION DATES (Month/year to month/year): _____

GRANT NUMBER: _____

FULL PROJECT TITLE (Do not truncate): _____

8. PERMIT REQUIREMENTS

Please read and answer the following items carefully. Researchers will not be allowed access to the reserve until they obtain the appropriate permit(s), or the reserve has been informed by the agency(ies) involved that no permits are required for the project described in this application. It is the user's responsibility to obtain the appropriate permit(s) and to provide the reserve manager with a copy. Please discuss permit requirements with the reserve manager.

- A) Does your project involve vertebrate animals? Yes No
- If "Yes," • Indicate all that apply: Reptile Amphibian Fish Bird Mammal
- Will any animal be captured? Yes No
 - Will any animal be held longer than 12 hours? Yes No
 - Will any animal be held longer than 24 hours? Yes No
 - Will any birds be banded and/or color marked? Yes No
 - Will any animal's skin be broken (needles, tags, surgery, etc.)? Yes No
 - Will any animal's movement in the environment be restricted? Yes No
 - Is there potential for any animal's behavior to be altered? Yes No
 - If this is a renewal, has there been any change in the project? Yes No N/A

Prior to beginning a research project involving the use of vertebrate animals, you must receive approval from the animal care committee at your home institution. (This is often the same committee that oversees the care of laboratory animals.) Please append written approval to this application.

B) Does your project involve the collecting (including banding and/or color marking) of vertebrate wild animals, invertebrates, or marine plants? Yes No

If "Yes," you will need to obtain a scientific collecting permit from the California Department of Fish and Game. Please append permit.

Does your project involve the collection, banding, and/or color marking of birds? Yes No

If "Yes," you will need a federal permit from the U.S. Fish and Wildlife Service. Please append permit.

Does your project involve working with plants or animals that are California state listed species of special concern, threatened, or endangered species? Yes No

If "Yes," you will need to obtain a memorandum of understanding (MOU) from the California Department of Fish and Game. Please append permit.

Does your project involve working with plants or animals that are Federally listed threatened or endangered species?

Yes No

If "Yes," you need to obtain a federal permit from the U.S. Fish and Wildlife Service. Please append permit.

PERMITS CAN TAKE AT LEAST 30 DAYS TO BE APPROVED, SO CALL IMMEDIATELY FOR AN APPLICATION.

9. IN CASE OF EMERGENCY:

Contact: _____ Phone: _____

10. NATURAL RESERVE SYSTEM REGULATIONS

- Compliance with University and Government Regulations. If the research application is approved, the user must comply with all applicable University regulations, including those that are reserve-specific, and provide all required state and federal permits.

- Waivers. **All users, unless exempted, must sign a WAIVER OF LIABILITY, ASSUMPTION OF RISK, AND INDEMNITY AGREEMENT before they will be allowed to enter the reserve.** It is the responsibility of the group leader to see that each member of the group has signed this agreement **BEFORE** visiting the reserve. For visitors under 18 years old, the minor's parent or guardian must sign this agreement. This agreement cannot be altered.

UC instructors who are sponsoring a UC class trip to a reserve should note that they are solely responsible for enforcing the University's policies on waiver agreements, and are expected to obtain and maintain signed waivers from every student prior to the class trip.

- Acknowledgment in Publications. All publications resulting from the use of any NRS reserve must acknowledge the University of California and the reserve at which the research was conducted. Please use the specified language provided in the NRS Acknowledgement Form, available from the reserve manager or the NRS Web site (<http://nrs.ucop.edu>).

- Submission of Bibliographic Data. For work utilizing wholly or in part an NRS reserve or its facilities, researchers will need to provide the NRS Information Management System (<http://www.ucnrs.org>) with the full bibliographic citation (whether for a report, thesis, book, research paper, conference proceedings, etc.) within six months of publication. We ask that you include the NRS reserve name as one of the "key words" in every manuscript prepared. In addition, researchers are required to provide paper copies of all publications or an electronic version (PDF file) to the reserve manager.

- Submission of Metadata. For data sets based on work at NRS sites, we are requesting that researchers fill out a form describing each data set (e.g., title of the data set, the investigator's name, mailing address, e-mail address, an abstract, keywords, and temporal/spatial coverage of the data). Please enter such metadata online at the NRS website (<http://www.ucnrs.org>). For ongoing multi-year studies, researchers need to submit a metadata database entry at the end of the second year of such a study and, again, upon completion of the study.

Failure to deposit both the bibliographic and metadata information as requested may lead to automatic denial of future Use Applications.

- Collections. Material(s), including resulting fragments, subunits, progeny, products, genetic material, mutants and derivatives, approved for collection by the NRS belongs to the University of California. You and your institution/company will use the material(s) only in that scientific research activity described in this application and will not allow the material(s) to be transferred to any other party or use them for commercial purposes without the express written consent of the University of California.
- Animals. Visitors may not bring animals (domestic or wild) to any NRS reserve, unless they are part of an approved research project or are necessary to help a disabled user. Please notify the reserve manager if you have a special need.
- Firearms. Firearms are forbidden at NRS reserves, unless the University has granted special permission.
- Clean Up. All users are requested to leave the land and any facilities cleaner than you found them.

I have read and agree to abide by the NRS use regulations listed above and any reserve-specific rules appended to this application, and am aware that it is my responsibility to disseminate this information to all members of my party.

Applicant's Signature*

Date

Reserve Manager's Approval

Date

* Receipt of application via email is comparable to applicant's signature.