



## MEMORANDUM

**TO:** Visiting Researchers to Maui and Lanai Nature Conservancy Preserves  
**FROM:** The Natural Resources Manager  
**DATE:** September 2005  
**SUBJECT:** Research Application-Gaining access

We are pleased that you are considering The Nature Conservancy's Maui Preserves to conduct your research studies. Researchers like you provide much needed, valuable knowledge of the areas we so diligently protect and preserve. This packet contains forms and information to access Waikamoi, Kapunakea or Kanepu'u preserves for research.

Recent staff and program reductions limit our ability to offer logistical and technical support to researchers. Therefore, to ensure thorough review and consideration, we encourage advance planning and independent study.

1. **Arrange all permits, access, logistics, accommodations, and other landowner permissions ahead of time to ensure consideration of your proposed research.** Priority is given to independent proposals where all fieldwork is completely coordinated in advance. We have turned down applicants that did not satisfy our requirement for field preparation.
2. Complete and mail in the following **no later than two months** prior to your planned visit:
  - a. a proposal describing your work, where you plan to visit and what you plan to do.
  - b. signed liability waivers for you and/or your team members (one each)
  - c. if collecting is required, a collection permit
  - d. copies of other permits, such as for collecting federally or state-listed T&E species.
  - e. a contingency plan with contacts (ie, family members) in the event of an emergency.
  - f. If a returning researcher, copies of reports required as part of previously approved research.
3. Ensure that your team has reviewed and will follow the alien species prevention protocol. Failure to comply could postpone or cancel your scheduled fieldwork.
4. Your request will be reviewed 3-4 weeks after submittal. Staff may have questions or clarifications at that time, so your team's contact information is crucial to the approval process.
5. If permission is granted and keys and maps to the Preserve are necessary, schedule a time to meet with us well in advance.

**GENERAL PROCEDURES AND INFORMATION FOR CONDUCTING RESEARCH  
ON TNCH PRESERVES**

These procedures allow TNCH to fulfill its main mission of land management and protection. We recognize research as an important component of long-term management. Therefore, we give a higher priority to supporting independent, applied research (management-oriented research) projects that promise to affect our management strategies.

**1) Submission of Research Proposal & Application Packet (due 2 months prior to planned research)**

A. Research Proposal - Preference is given to projects that require minimal or no staff time. Proposals submitted less than two months prior to anticipated field work will be assigned a low priority, and may jeopardize your approval of planned field dates.

Submit a written proposal to the Natural Resources Manager, including: 1) the purpose of your research and the your proposed methods; 2) where in the preserve you intend to work; 3) an emergency contingency plan for both you and your team; 4) collections you plan to make; 5) where collected specimens will be deposited or how they will be used; 5) an assessment of potential impacts to the preserve or its resources; 6) a project timeline; 7) a description of the final research product (e.g. thesis or published scientific article); 8) an assessment of how your work benefits conservation; 9) and (for graduate students) the name, address, and phone number of your advisor.

B. Application Packet (this document) - Read and/or fill out all relevant forms completely, including:

- a) Liability Waiver (one per person)
- b) Collecting Permit
- c) Protocol to Prevent Alien Species Introduction
- d) Preserve Rules
- f) additional information concerning logistical arrangements
- g) copies of required permits. Mist netting birds, banding/trapping/handling of birds, collecting/planting/handling of endangered species, or pesticide/herbicide use are the responsibility of the researcher.

**3) Review of Proposal and Notification** – Staff will review your proposal. We may need to contact you (phone, email, etc.) to clarify certain points. We will notify you of their decision within 3-4 weeks of receipt of proposal.

**5) Logistical Arrangements** - Staff time is limited to essential preserve functions, therefore researchers must plan to contact the appropriate landowners, orient themselves and access the preserve on their own. Arrange your own transportation to, from, and within the preserve and make overnight accommodations. Upon request, you may schedule an appointment with our staff to obtain keys and a map of the preserve. The following information can be used as a guideline. The costs and availability of services quoted below may change without notice.

Waikamoi Preserve (Haleakala, east Maui) – Waikamoi Preserve is located on the northeast slope of Haleakala mountain, adjacent to Haleakala National Park, and can be accessed on foot or via 4WD at two locations 1) at 6,800 ft near the Hosmer Grove Haleakala Park entrance, or 2) at 4,500 ft near the State Makawao Forest Reserve entrance, off of Olinda Road. Please note that the State MFR entrance is a private, locked road, and you must obtain permission from the State Division of Forestry and Wildlife (808-984-8100), Maui AND Haleakala Ranch (572-1500), as this road crosses both properties.

Kapunakea Preserve (above Lahaina, west Maui) – Kapunakea Preserve is located about 6 miles northeast of Lahaina town on West Maui, at about 2,000 feet. The preserve is accessed from 4WD old sugar-cane dirt roads leading up to the preserve.

Winter rains (November – March) often make it impossible to drive during slick conditions, so be prepared for rain-outs if you plan on scheduling field work during this time.

Kanepu'u Preserve (north of Lanai City, Lanai) – Kanepu'u Preserve is located 8 miles north of Lanai City, and is accessed through old, flat pineapple plantation roads that are also slick during winter rains. Therefore, 4WD is usually recommended.

Vehicles - Most preserves are located in rugged areas away from paved roads, requiring 4WD vehicles. Commercial 4WD rental is available and generally costs over \$100/day.

Helicopter - Many parts of Waikamoi and Kapunakea preserves are accessible only by helicopter. Helicopter time costs about \$750/hour. All helicopter requests must be coordinated with staff to ensure no conflict with operations.

Accommodations

Maui :

- Waikamoi Preserve researchers may utilize the Hawaii Conservation Biology Field Station (HCBFS aka TNC House) at the entrance to Haleakala National Park near Hosmer Grove at ~7,000 ft elevation. Dorm style housing, bunk beds, running potable water, electricity \$10.00/night, subject to availability, reservation required. Contact TNC House Manager (808) 572-4418. See also: <http://www.hear.org> and click on HCBFS in the left panel.
- Camping at Hosmer Grove - call NPS (808) 572-9306 (3 night limit) 1st come-1st served basis, no permit or fee other than park entrance fee
- Three remote area shelters are located in Waikamoi and 1 remote area shelter is located in Kapunakea. Availability is on a case-by-case basis.

Lanai: There are no shelters in the Lanai preserve. Tent camping is permitted on-site.

Cellular phones & radio contact - Bring a cellular phone in case of emergency. In some cases, the use of a two-way radio or cell phone may be arranged through the island field office. Researchers will not be permitted to work in the preserves without some way to call for help and receive emergency messages.

## **6) Trip Reports & Final Reports**

Two weeks after each period of field work, a trip report must be submitted to the appropriate staff member at the island preserve office (part of Research Agreement for TNCH Preserves). Failure to comply with this agreement may jeopardize further research in the preserve.

At the conclusion of the research project, a report must be submitted. The format and timing of the report will be decided on by researcher and island preserve staff prior to the start of the project (part of Research Agreement for TNCH Preserves). It may consist of a separate project summary that includes research results or it may be a reprint of a journal article dealing with the project.

**TNCH Island Preserve Offices (updated 7/05)**

The following offices and people can be contacted for more information about research on TNCH preserves.

**Oahu**

Honouliuli Preserve (Waianae Mts) - Ihihilauakea Preserve (Koko Head)  
923 Nuuanu Ave.  
Honolulu, HI 96817  
Voice (808) 677-1674  
Fax (808) 677-1063  
Dan Sailer, Natural Resource Manager

**Molokai**

Moomomi (NW Coast) - Kamakou (E Molokai Mts)- Pelekunu (N valley of E Molokai)  
23 Pueo Place  
Kaunakakai, Molokai, HI 96748  
Voice (808) 553-5236  
Fax (808) 553-9870  
Tina Lau, Alien Species Specialist

**Lanai**

Kanepuu (NW plateau)  
P.O. Box 1716  
81 Makawao Ave. #203A  
Makawao, Maui, HI 96768  
Voice (808) 572-7849  
Fax (808) 572-1375  
Melissa Chimera, Natural Resources Manager

**Maui**

Kapunakea (W Maui Mts) - Waikamoi (N slope of Haleakala)  
P.O. Box 1716  
81 Makawao Ave. #203A  
Makawao, Maui, HI 96768  
Voice (808) 572-7849  
Fax (808) 572-1375  
Melissa Chimera, Natural Resources Manager

**Big Island**

Honomalino (S Kona)  
P.O. Box 6600  
Kamauela, HI 96743  
Voice/Fax (808) 885-1786  
Laura Nelson, Natural Resources Manager



discarded in the field has the potential to spread unseen insects, fungi, and other plant pathogens and may provide food for alien vertebrates.

### ***6 - Education***

#### **Learn to recognize invasive species, the habitats they currently occupy, and those areas where they are likely to spread.**

Learn which weeds are particularly invasive in Hawaii and where they occur. Note which weeds or animal sign (e.g. tracks or scat) are encountered along preserve trails or roads and pay attention to any changes. If a highly invasive weed or animal sign is encountered, inform the preserve staff of the location. One source of information about alien species in Hawaii, including photos and distribution maps, can be found on the web at the Hawaii Ecosystems at Risk Project web site (<<http://www.hear.org>>). Share this information and your knowledge with friends and colleagues when visiting other natural areas.

All persons who appreciate the natural heritage of Hawaii need to work to preserve it.





PART II

4. TNCH may require the collector to furnish an inventory and locality description of any or all specimens proposed for collection before they are removed and, after the collection is assembled, to submit it for examination.

5. If specimens are collected and preserved, the specimens must be deposited in a collection administered by a scientific or educational institution. The collector must provide TNCH with the name and location of the institution where final disposition is made.

I, the applicant, have read the conditions of the permit relating to collection in areas administered by The Nature Conservancy and agree to comply with these conditions if this permit is granted.

Signed \_\_\_\_\_ Date \_\_\_\_\_  
Name \_\_\_\_\_ Phone \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
Fax \_\_\_\_\_ Email \_\_\_\_\_

THE NATURE CONSERVANCY OF HAWAII OFFICE USE ONLY

Specimens and Number Approved for Collection \_\_\_\_\_  
\_\_\_\_\_

Locality of Collecting Limited to \_\_\_\_\_  
\_\_\_\_\_

Special Conditions or Restrictions All helicopter flights in and over the preserve must be pre-approved by the Maui Program Director. In addition, there will be no unauthorized camping in the preserve.

Expiration Date \_\_\_\_\_  
Approved by \_\_\_\_\_ Approval date \_\_\_\_\_  
Title \_\_\_\_\_

This permit must be carried at all times while collecting.



This agreement is freely and voluntarily executed as signed below (if a minor, parent or guardian must sign).

Name	Address	Phone or E-mail	Signature
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Trip Date(s) \_\_\_\_\_  
(Permission is granted only for the date(s) shown.)