

VOLUNTEER BRIEFING

for Keauhou, Ka'ū

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Please read over the following document. The information within will help you be better prepared for your time at Keauhou, Ka'ū.

Please feel free to contact us with any questions or concerns;
3mountainalliance@gmail.com or Emily Leucht, (808) 430-1994.

About Keauhou

SITE HISTORY

- Keauhou is a privately owned 'ili (small land division) in the ahupua'a (large land division) of Kapāpala, which is owned by Kamehameha Schools
- At one time Keauhou was a pristine native forest. Due to ranching and logging that landscape has changed to what we see today.
- In the early 2000's, Kamehameha Schools stopped all ranching and focused its efforts at Keauhou on the restoration of these native forests.
- 90% of the reforestation done with Three Mountain Alliance is done by volunteers like you! Mahalo for taking the time to give back to this special place.

SITE DESCRIPTION

- Keauhou Ka'ū is a very special place. It is located in the wao akua or realm of the gods. It is a kū'ina, or meeting place, between the mountains of Mauna Loa and Kīlauea, and of the water-gathering energies of the forest and the heat-creating energies of Halema'uma'u. We come to this site with purpose and respect.
- Keauhou Ka'ū is located about 1 hour from Hilo, about 10 minutes past Hawai'i Volcanoes National Park.
- Weather conditions vary and can change quickly. Be prepared for both hot, sunny conditions and cold, wet conditions.
- Work site is fairly remote with no bathroom facilities or covered structures
- Depending on vehicle accommodations, the walking distance to and from the worksites can range from ¼ to 1 mile.
- The site is located mauka of Halema'uma'u and can therefore be affected by heavy vog, depending on wind conditions.
- The terrain at all worksites is uneven lava covered by dense grass mat and can be difficult to walk in.



Made possible by



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Plan for your visit

WAIVERS

- Please read over all waivers before you sign, especially the Keauhou Safety Briefing.
- All participants in your party must complete a waiver packet.
- Please have all waivers completed before you arrive at Keauhou. You email them prior to the visit, or bring them with you that morning, FULLY COMPLETED.

DIRECTIONS

From Hilo

Take Highway 11 towards Volcano. Pass the main entrance for Hawai'i Volcanoes National Park on your left. Turn right on to Pi'i Mauna Drive. Follow Pi'i Mauna all the way to the end of the road. You will see a large metal gate. A Three Mountain Alliance staff member will greet you at the gate.

From Ka'ū

Take Highway 11 towards Volcano. Pass Mauna Loa Road on your left. Turn left on to Pi'i Mauna Drive. Follow Pi'i Mauna all the way to the end of the road. You will see a large metal gate. A Three Mountain Alliance staff member will greet you at the gate.

SCHEDULE

9:00- 9:45	Protocol, Welcome
9:45 - 10:15	Travel to planting site
10:15 - 10:30	Plant intros and planting demo
10:30 - 12:00	Kanu! Plant!
12:00 - 1:00	Lunch
1:00 - 1:30	Tour of Manele
1:30 - 1:45	Travel back to gate
1:45 - 2:00	Decon, a hui hou!

PACKING LIST

Clothing:

- Sturdy closed-toed shoes (best if with ankle support and waterproof, no crocs!)
- Long pants
- Short or long sleeve t-shirt

Day Pack

- Water (2 L)
- Waterproof jacket
- Warm layer(s)
- Hat
- Sunscreen
- Sunglasses
- Snack
- Potluck dish + serving utensil
- Mess Kit (dish + utensils)

Optional

- Camera
- Chapstick
- Walking stick
- Beanie
- Binoculars



For more information, contact
3mountainalliance@gmail.com



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ALLIANCE



**University of Hawaii at Manoa
Pacific Cooperative Studies Unit**

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Web: <http://www.botany.hawaii.edu/faculty/duffy/PCSU.htm>

Single Activity Volunteer Application Form

Project Name: _____ Project Number: _____

Name: _____

Mailing Address: _____

Phone (home): _____ (work): _____ (cell): _____

Best time to call: _____ E-mail: _____

In case of emergency, who should we notify?

Name: _____ Relationship: _____

Phone (home): _____ (work): _____ (cell): _____

PLEASE READ CAREFULLY AND SIGN

I certify that the information provided on this Volunteer Application Form is true and accurate, and any misrepresentation provided on this form may result in my immediate termination as a volunteer. I have read the Volunteer Position Description. If selected, I will comply with all requirements specified by the project supervisor and acknowledge that the University may at its discretion terminate my participation in providing volunteer services at any time.

Signature of Applicant

Date

Print Name/Signature of Parent/Guardian (if under 18 years)

Date

To be completed by Project Supervisor or Volunteer Coordinator and PCSU

Project Service Group: 'Imi Pono no ka 'Āina _____ Date of Activity: _____

Volunteer Job Title: Restoration Volunteer

Project Volunteer Supervisor: Emily Leucht

PI or Authorized Rep: _____ Date: _____

Authorized by: _____ Date: _____

College of Natural Sciences

Kamehameha Schools Keauhou, Ka'ū, Hawai'i Student Liability

Waiver

Please Read Before Signing

Name of Group or Organization: _____

Describe Activity: _____

The undersigned acknowledge that some of the activities in Keauhou, Ka'u area may include inherent dangers and risks and understand that The Kamehameha Schools: (1) does not extend any assurance that the above-described property is safe for any purpose, and (2) does not assume responsibility for injury to any person or property, however caused.

In exchange for being able to take part in activities in Keauhou, Ka'u at no charge, the undersigned hereby irrevocably and forever releases and discharges The Keauhou Bird Conservation Center, The Three Mountain Alliance, The Kamehameha Schools, its trustees, employees, agents and representatives, from and against all claims and demands for loss or damage, including property damage, personal injury and wrongful death, arising out of or in connection with the use of the above referenced property.

I hereby grant Kamehameha Schools and its collaborators permission to photograph me and or my child during program hours or while engaged in program related activities. This includes both still photos and video. I understand that these photos may be used to promote the environmental education programs at Keauhou, Ka'u through flyers, brochures, videos, CD-ROMS, informational displays, community presentations, and televised programming. I also understand that these photos and videos may not be used to produce items intended for profit without my permission.

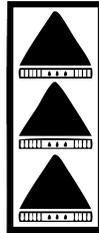
My signature below verifies that I understand the above statements and give permission for my child and I to be photographed while participating in this program. I also agree that I assume full responsibility for any injury or damage to myself, the child or other persons or property that I or the child may cause.

Print First & Last Name of Student/Participant: _____

Parent/Guardian/Signature: _____

Home Address: _____

Phone: _____



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Three Mountain Alliance and 'Imi Pono no ka 'Āina
Photo/Video Release Form

I hereby grant the Three Mountain Alliance and 'Imi Pono no ka 'Āina staff permission to photograph my child during program hours, while engaged in program related activities. This includes both still photos and video. I understand that these photos may be used to promote Three Mountain Alliance and 'Imi Pono no ka 'Āina environmental education programs through flyers, brochures, social media posts, videos, informational displays, community presentations, and televised programming. I also understand that these photos and videos may not be used to produce items intended for profit without my permission.

My signature below verifies that I understand the above statements and give permission for my child to be photographed while participating in this program.

_____ (please print)
Child's Name (if a participant is a minor)

_____ (please print)
Participant/ Parent or Guardian (if participant is a minor)

Participant/Parent or Guardian Signature

Date

**Three Mountain Alliance and 'Imi Pono no ka 'Āina
Keauhou Volunteer Safety Briefing: Out-Planting Projects**

Thank you for volunteering with the Three Mountain Alliance watershed partnership. Your work helps maintain the important forest areas of our island, which provide us with fresh water. To keep you safe, we've prepared a short safety briefing. Please read this document, then sign below.

1) Pack smart to stay safe! You will be working in a fairly remote outdoor setting with no buildings or facilities. Please arrive prepared to Keauhou with all of the following items.

- Water 2 Liters
- Long Pants
- Covered shoes, NO Crocs! (waterproof is best)
- Rain jacket
- Warm layer
- Sunscreen
- Hat

2) Drink water! We recommend drinking at least 2 liters while you are at Keauhou. We are at a higher elevation (about 4,000 ft) and elements are harsher. If you are feeling thirsty, you are already dehydrated. Drinking enough water is the number one way you can be safe and have an enjoyable time! Make sure to monitor yourself throughout the day. Take breaks and drink water!

3) Be maka'ala and mindful! This area has thick grass which at times can be difficult to walk in. The grass can also hide old fence materials, tools or holes in the lava below. Please be sure to walk slowly and with caution. Feel your step first before putting your weight into it. Do not horseplay.

4) Stay close! It is very easy to get lost if you walk away from a road, fence line or the group. Be sure to let someone know if you are leaving the group (to use the bathroom, etc.) and be sure to stay close enough to the group that you can hear people talking. Remember if you can't hear us, we can't hear you.

5) Carry all medication on you. Keauhou can be home to high concentrations of volcanic gases depending on the wind conditions. Those who suffer from respiratory issues should carry their inhaler or medication on their person throughout the trip whether it is voggy or not, since conditions can change very quickly.

6) Use tools wisely. You will be using hand tools. Be sure to use them as instructed and carry them down and do your side.

7) HAVE FUN! Last but not least, have fun. Remember a safe day is fun for everyone, but injury can quickly turn a great day into a bad one! Use common sense and make good decisions. Being positive and bringing a good attitude can help keep the day safe and fun!

My signature below verifies that I and my child understand the above statements.

_____ (print)
Child's Name, if participant is a minor

_____ (print)
Participant/Parent or Guardian

_____ (print)
Participant/ Parent or Guardian Signature

_____ (print)
Date



**THREE
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STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
AGREEMENT FOR INDIVIDUAL VOLUNTARY SERVICE

Name: _____ Phone: _____

Address: _____

DURATION OF AGREEMENT: START: _____ END: _____

I understand that I will not receive any compensation for the above work and the volunteers are NOT considered to be employees of the State of Hawaii for any purpose other than tort claims, and I understand that volunteer service is not creditable for leave accrual or any other employee benefits. I also understand that either the State of Hawaii or I may cancel this agreement at any time by notifying the other party. I acknowledge that there are inherent risks and dangers associated with this activity and in particular have noted those risks listed below.

I understand that I will be assisting the State of Hawaii, Department of Land and Natural Resources in taking care of Hawaii's natural and cultural resources. I will be responsible for my equipment and supplies. I understand that a DLNR employee will be available to assist with logistics and communications. I will be responsible for all aspects for the actual work project, and the safe use of and proper care of hand tools including, but not limited to: machetes, saws, hand saws, hazel hoes, Pulaski's, McLeod's, pry bars, sledge hammers, bow-saws, power tools (including but not limited to: brush cutters), etc.

I am in good physical shape, and will be self-sufficient while at the work project site. I have informed the State of any physical, mental, and/or medical conditions that may increase the risk of harm to me or others while engaging in the activities described in this document. I understand that I should wear footwear when working in the field. I understand that the duration of the project may be less than eight hours in length; however, in the event of inclement weather the work day may be either shortened or extended at the discretion of the State. I further understand that work projects may occur in remote areas as well as on public or private lands where hunting activities occur and that I may not leave the trail work area without first notifying the State. I am aware that there are inherent risks and dangers associated with field work. They include but are not limited to:

- | | |
|---|---|
| Nighttime work | humid to wet and cold |
| Passenger in Utility-Terrain Vehicles (UTV) | Diseases caused by water, air, and animal vectors |
| Work around or near mechanical equipment | Paint, fuel, and oil fumes |
| Passenger in helicopter, and or working around helicopter | Thorny plants/dense vegetation |
| Gusty wind | Poisonous plants |
| Sharp and or slippery rocks | Slips, Trips, and Falls |
| Stinging or biting insects and spiders | Lack or reliable communication |
| Portable or no bathroom facilities | No telephones |
| Steep drop-offs: Landslides | Weapons fire/gunshots |
| No potable (drinkable) water | Wet and slippery roads |
| Rugged terrain | Work on/in near water |
| Sharp tools | Herbicides/Pesticides/Fungicides |
| Lack of medicinal facilities | Work in a hunting area |
| Wild animals | Steep and slippery trail and river crossings |
| Harsh weather conditions ranging from hot and | Flash floods |

I agree to waive any and all claims against the State of Hawaii and its officers, agents, employees, or volunteers for any injury, property damage, and/or death caused by any negligence on the part of the State of Hawaii, its officers, agents, employees, and other volunteers and agree to hold harmless and indemnify the State of Hawaii, its officers, agents, employees and other volunteers from any suits, actions, and claims arising out of or in any way connected with my activities as a volunteer or the activities of the State of Hawaii, its officers, agents, employees or other volunteers.

I understand I am also signing on behalf of any minor that is under my care during the duration of the volunteer activity. I further agree that I will be responsible for personally supervising the minor or for making arrangements for the supervision of the minor by another responsible adult.

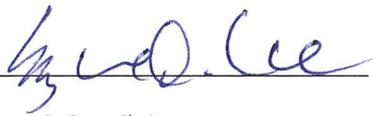
I hereby volunteer my services as described above, to assist the State of Hawaii, Department of Land and Natural Resources in its authorized work.

Signature of Volunteer (or Minor's guardian) - Date

Minor's Name: _____

Based upon the above agreement and understanding, the State of Hawaii agrees, while this arrangement is in effect, to accept your services as a volunteer.

Mahalo for your support of Hawaii's natural and cultural resources.



Suzanne D. Case, Chairperson
Department of Land and Natural Resources