



# Hawai'i Environmental Education Symposium 2017

Thursday, June 08, 2017 - Saturday, June 10, 2017

## SUMMARY OF FIELD EXPERIENCES OFFERED ON JUNE 10th

### **Overall Symposium Information:**

**Location:** Hawai'i Volcanoes National Park & Kīlauea Military Camp

For more information about this year's symposium, please visit this page:

<http://heea.org/core/item/page.aspx?s=129637.0.0.89929>

To discuss room- and ride-sharing with other participants, please join our Facebook Group, "We Are HEEA," and start or join a conversation: <https://www.facebook.com/groups/WeAreHEEA/>

**Questions?** Email [eesymposium@heea.org](mailto:eesymposium@heea.org) or call (808) 283-1631

### **1. Native forest restoration at Keauohana Forest Reserve with Big Island Invasive Species Committee & Keauohana Forest Restoration Project**

**Time:** leave KMC at 8 am (transit time, 1.5 hrs)

**Transportation:** Seats in BIISC's van available to the first 15 registrants. Other participants will need to arrange own transportation. Carpooling is encouraged.

**Bring:** water bottle, hiking gear, sun protection

**More info:** Lowland forests are increasingly rare in Hawaii and around the world. On this visit to Keauohana Forest Reserve, we will see the results of a decade-long community based effort to restore and protect some of the last remaining lowland forest in Puna. Enjoy an interpretive hike through a "fairyland" forest full of ekaha ferns and mamaki, and view some of the rare and endangered species being replanted in their original habitat. Restoration project manager Jaya Dupuis will share with us her efforts to replace the canopy being lost to rapid ohia death (ROD) and we will view the results of control of invasives like albizia and strawberry guava. We will help contribute by doing some weed pulling - and maybe glimpse a peek at one of the native amakihi who have returned to this elevation!

*Maximum number of participants: 20*

## **2. Kekaha Kai State Park, Awake'e anchialine pools, and Makalawena Beach with Hawaii State Parks. (West Hawai'i) (\*\*\*)Consider flying out of Kona if you sign up for this field trip!)**

**Time:** 8:00 a.m. start time leaving from KMC with an approximate end of time of 2:00 p.m. at Kekaha Kai State Park in West Hawai'i.

**Transportation:** 4 seats are available in Hawai'i State Parks' vehicle IF West Hawai'i is the final destination (seats available by order of registration; Kona airport drop off will be available). Other participants will need to arrange own transportation. Carpooling is encouraged. As noted above, consider making your flight out from Kona instead of Hilo on 6/10 if signing up for this experience!

**Bring:** water bottle, sun protection, hiking & beach gear

**More info:** Kekaha Kai has examples of anchialine pools within all three sections of the park. This field trip would provide place-based learning for participants to see healthy anchialine pool ecosystems and anchialine pools that are being restored. The fieldtrip will include a hike to the Awake'e section of Kekaha Kai State Park, and participants would have the opportunity to enjoy the beach at Makalawena after visiting the Awake'e pools.

*Maximum number of participants: 10*

## **3. Place-based learning in an outdoor classroom: Experience the Routine and Protocol of a garden class in Māla'ai, Waimea. Hosted by Māla'ai: The Culinary Garden of Waimea Middle School**

**Time:** Leave KMC by 8 am; field experience in Māla'ai will be from 10 am to 12 pm; transit time from KMC is approximately 2 hours.

**Transportation:** Participants will need to arrange own transportation. Carpooling is encouraged.

**Bring:** water bottle, sun protection

**More info:** Place-based learning in an outdoor classroom. Experience the routine and protocol of a garden class in Māla'ai. (This will include the components of each class and our code of conduct.) Attention paid to basic systems and organization needed in all Learning Gardens: Compost/garden fertility, tool sheds, seed starting area, class meeting area.

There will be time to experience the garden, exchange ideas, ask questions, and have a tasty healthy snack.

*Maximum number of participants: 20*

#### **4. Keauhou, Ka'ū Forest Restoration, hosted by the 'Imi Pono no ka 'Āina Student Enrichment Program, Three Mountain Alliance**

**Time:** leave KMC by 8:30 am (3 pm return time if returning to KMC)

**Transportation:** From KMC to the site (Keauhou, Ka'ū, near Volcano): Three Mountain Alliance is able to provide 8-12 spots in their project vehicles (first come, first serve, by order of registration). If more participants sign up than they have spots in vehicles, participants can drive their personal vehicles from KMC. It is only about a 10 minute drive. Personal vehicles will need to be clean and free of mud and dirt to prevent Rapid Ohia Death. 4WD is not necessary.

**Bring:** Sturdy covered shoes, Rain jacket/poncho, Long pants, Water (2 Liters), Sunscreen/hat, Necessary medications such as epi-pen/inhaler.

**More info:** Participants will help to restore Keauhou Forest by outplanting native plants and visit the Keauhou Bird Conservation Center to see the 'Alalā. Both of these experiences are available as field trips for students, so participants will get to see how Keauhou can be a resource for place-based learning on topics like watersheds, forest function, and endangered species conservation. Keauhou also fosters a sense of place and a cultural connection to the 'āina. Participants will need to fill out a waiver packet at the start of the day.

*Maximum number of participants: 20*