



Mālama I Ka Honua

Cherish the Earth

A Quarterly Journal of the SIERRA CLUB OF HAWAII

APRIL - JUNE
2014

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Three Bills to Watch: These Will Make a Difference

By Robert D. Harris

While radically new ideas are "sexy," sometimes the best policy changes are incremental shifts in the right direction. Take, for example, the federal Clean Water Act, which was substantively amended over a period of decades to lead to substantially improved waterways all around the United States.

In that vein, the bills below are changes that could make significant strides in improving Hawai'i's resiliency and sustainability.

Addressing Sea Level Rise (HB 1714 and SB 2344)

Scientists nearly universally agree that climate disruption will cause significant changes to our environment. Hawai'i is likely to be one of the most affected states, with rising sea levels and coastal flooding, diminishment of fresh water resources,

and loss of coral reefs all anticipated.

When talking about climate change, sea level rise frequently gets the most attention, perhaps with good reason. Sea levels might rise one foot by 2050 and three feet by 2100. This could put vast swaths of Hawai'i underwater. And unfortunately a majority of housing in Hawai'i is located near the coastline or reliant on highways that run near the beach. Other changes frequently don't get as much attention. Increasing droughts will harm agriculture. Higher



Enough of Hawai'i is already underwater.

with harsher conditions.

While Hawai'i has made strides in mitigating the amount of greenhouse

Sea levels might rise one foot by 2050 and three feet by 2100. This could put vast swaths of Hawai'i underwater.

temperatures are expected to cause heat stroke. We will see a greater rate of habitat and species loss as imperiled plants and animals are unable to cope

gas emissions it emits, it is woefully lacking in preparing for the impacts of climate change. As these two bills note, "Hawai'i is one of the last coastal states

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FROM THE DIRECTOR'S DESK

A Day in the Life

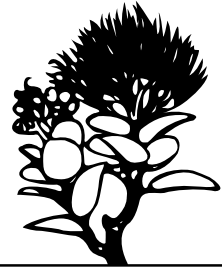
I'm often asked to describe my job. It's a surprisingly difficult question to answer. I love my job. I work with some of the best volunteers in the state. I'm also a lead public face of one of the best known and most appreciated environmental organizations in Hawai'i. It's not a bad gig. But it's still not easy to describe what I do. Someone suggested that I write down a "day in the life of." I recognize this may not be the *most* interesting description, but I figure members of the Club deserve a taste of what my day is like. Here is a short description of Tuesday, February 25, 2014.

-
- 5:00 A.M. Get up, go for a short run,
 - 5:30 A.M. Shower, change, eat breakfast, head off to work
 - 7:30 A.M. Arrive at the office. Catch up on the 103 emails that came in since yesterday.
 - 9:30 A.M. Participate in a Sierra Club webinar on successful advertising around campaign issues.
 - 10:30 A.M. Draft a proposal to establish a new political activity committee, communicate with a potential independent contractor about fundraising help.
 - 11:00 A.M. Draft emails about a legal matter (sorry, attorney-client, can't be more descriptive!)
 - 11:30 A.M. Meet with Brian Schatz's campaign grassroots organizer for lunch about ways to support his campaign.
 - 1:00 P.M. Telephone call with stakeholders about an organizing campaign to push HECO/MECO/HELCO to commit to allowing more clean energy onto the grid.
 - 2:00 P.M. Meet with Peter Wo, an entrepreneur looking for environmental support for an electric vehicle company he wants to start to transport people in a more environmentally friendly fashion
 - 3:00 P.M. Speak to the County sustainability coordinator about problems with the advance glass deposit fund. Unless the fee is increased soon, the counties may have to stop recycling any glass item not covered by the HI-5 law. That's roughly 50% of the glass waste stream.
 - 3:30 P.M. Speak to two reporters about this issue. Attempt to get the media to follow up.
 - 4:00 P.M. Dentist's office for cleaning (personal time)
 - 4:45 P.M. Speak to a reporter about a legislative proposal to establish an environmental court.
 - 5:15 P.M. Speak to a donor about funding clean energy work.
 - 5:45 P.M. Draft testimony on upcoming hearings set for the week.
 - 7:30 P.M. Call it a day!
-

Note that the "typical" day has many different topics. That's a beauty of the Sierra Club—we tend to get involved in many environmental issues that concern our members. This is also a challenge; it means we frequently don't have as much time to dive deeply into matters and sometimes have to lean on others to take the lead. I sometimes have to defend "why" we don't do more on topic X or topic Y: quite simply we have limited resources and limited capacity. We have to pick our battles. That's frequently where I lean on great volunteers. Together we try to prioritize our time most effectively, to spend it where we can have the biggest bang for the buck.

Was this interesting? Want to know more about the day-to-day workings of the Club or about any of the issues I worked on? Send me an email and let me know: robert.harris@sierraclub.org.

Happy Trails — Robert



MĀLAMA I KA HONUUA
Cherish the Earth

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Three Bills

Continued from page 1

to adopt a statewide climate adaptation plan, yet it is among the most vulnerable.”

The purpose of these two similar measures is to ensure that Hawai'i adapts to the effects of climate change before it grows beyond our ability to prevent the worst impacts on our environment, economy, and way of life. It establishes an interagency “sea level rise vulnerability and adaptation committee” in the Department of Land and Natural Resources and authorizes the office of planning to coordinate a climate change adaptation plan. And most importantly, it allocates funding to these purposes.

Representative Chris Lee deserves particular credit for drafting and pushing this concept. The Sierra Club has been very supportive of this effort, although we've pushed for greater public participation and disclosure requirements. Starting the conversation about climate change is important, and making sure decision-makers are involved in the conversation is important. But the public is likely to be the most affected, and they need to be sitting at the table.

Invasive Species Funding (HB 1716 and SB 2343)

While it's difficult to say there's a “benefit” to discovering the little fire ant and the coconut rhinoceros beetle in Hawai'i, it does have the silver lining of highlighting the inadequacy of funding for prevention and removal of invasive species. The original goal of funding for the annual Hawai'i Invasive Species Council was \$5,000,000 from the general fund. This amount has never been appropriated. In fact, from 2010-2013, no general funds at all were provided.

The cost of invasive species once established in Hawai'i is tremendous. Anyone having hiked through a strawberry guava grove or been deafened by coqui frogs in Hilo can attest to the damage already done to our natural environment. These environmental changes also have an

economic impact. For example, one study concluded that if brown tree snakes were introduced to Hawai'i, the cost to the state in lost tourism, health costs, and damage to infrastructure could total \$2,140,000,000 per year.

These measures greatly increase the allocation for invasive species prevention and removal to \$5,000,000. While this is a relatively modest allocation, the hope is that this becomes a regular allocation given each year. If that occurs, this is a penny-wise step that may make less likely the introduction of more disastrous invasives to Hawai'i.

Electric Grid Modernization (HB 1943 and SB 2656)

One of the shining economic and environmental success stories in Hawai'i arises out of the rooftop solar industry. Per capita Hawai'i has one of the highest adoptions of rooftop solar, and the solar industry now accounts for over 25% of all construction jobs in Hawai'i.

The growth of rooftop solar has been so impressive, in fact, that estimates are now that nearly 1 in 10 of every rooftop in Hawai'i has solar. That's well ahead of any other state in the United States.

Opponents to growth of rooftop solar tend to fall into two camps: people who question whether a “better” mix of energy sources might have greater benefits, or electric utilities that are afraid that a shifting landscape might end their existing business model.

The utility line might be easier to explain. A recent report by Rocky Mountain Institute noted it is now cheaper for customers in Hawai'i to go “off-grid” with rooftop solar and a battery system than it is to stay connected to the grid. The only reason this hasn't happened more rapidly is purely commercial; an off-the-shelf turnkey product has not yet been made available. That is anticipated to change by next year. Thus we might be facing a future where many customers no longer need a utility or where microcircuits are able to provide power for a community without the need for heavier power

utility infrastructure.

As more and more people either add rooftop solar onto the existing grid or go off-grid, that means less and less revenue for the utility to generate electricity. What is the future utility model? It appears that the Hawaiian Electric utilities (HECO, MECO and HELCO) hope to slow down rooftop solar adoption without publicly campaigning against it. And so, publicly they support popular rooftop solar, but privately they try to put limits on interconnection based on questionable technical concerns or arguments that rooftop solar customers create additional costs to other ratepayers.

These two bills, HB 1943 and SB 2656, try to force a more robust conversation. They attempt to ensure that technical, economic, and policy issues around rooftop solar are addressed, but to recognize that the growth of this technology can and should continue. This will be a difficult discussion. There are a range of options available. Ultimately we need to ensure that rooftop solar is a vital part of our clean energy future but do it in a way that maximizes fairness and freedom of choice for all customers.

The HEI utilities now argue that rooftop solar should compete with other forms of cheap, renewable energy—how do we create the overall cheapest price for everyone? This is a bit of a false dichotomy. While we all want to see more cheap, renewable energy on the grid, we shouldn't putting different forms of it in competition with one another. The focus is on reducing the amount of expensive diesel oil we consume. And costs and benefits will ultimately be viewed through the lens of a consumer. If consumers can go off the grid for a cheaper price, they will likely do so. Let's find ways to ensure these customers stay connected to the grid and provide benefits to everyone by passing around power and storing it when needed. And do so in a fair way that also maximizes other benefits like job creation, minimizing use of agricultural and conservation land, and increasing revenue for the state. ■



FROM THE CHAPTER CHAIR

By Scott Glenn

Aloha,

With the new year comes new leadership. Thank you very much for the honor to serve as the Chapter chair. Mahalo to Roberta Brashear-Kaulfers, former Chapter

chair, for her leadership these past two years, all she has done, and all she continues to do. We also have some new faces brimming with talent elected to our Chapter Executive Committee. Please give them a warm welcome and thank you.

Looking at the year ahead, we have several initiatives underway. Our Director continues to bring statewide and national recognition of Hawai'i's leadership on the environment, particularly on clean energy with the help of

our conservation program coordinator, Caitlin Pomerantz. The Chapter executive committee will have its annual retreat on Kaua'i this summer. We are looking forward to experiencing its quiet beauty and connecting with our wonderful volunteers there. Personally, this year I'm looking forward to doing more hikes and cultivating more members into leadership positions.

This year is also an election year, so we will have a chance to rally behind our elected leaders who truly stand for the environment, like U.S. Senator Brian Schatz, who has been a leader on climate change. As members of the Sierra Club we not only educate and volunteer to protect the outdoors, we also go out and support leaders who have the courage to stand up for what's right. Please join me and other Club volunteers to make phone calls, send cards, wave signs, and even knock on doors to help get people to vote for the candidates who care about the environment.

And, please, be sure to hit the trails with our outings leaders. I hope to see you on one of them.



Planting Native

by Rick Barboza

Kupukupu Fern

Nephrolepis cordifolia

Indigenous: All Hawai'i

Description: A type of sword fern with erect fronds standing 1-2 feet tall and 2-3 inches wide. Each frond comprises many smaller pinnae (frondlets), each about 1-1½ inches long and about ¼ inch wide. Generally, these ferns are terrestrial, meaning that their stolons (sprawling stems of ferns, which look like roots) spread out across the surface of the dirt; but occasionally they will be epiphytic, crawling up trees or tree ferns. The most distinguishing characteristic of this fern is that it is the only species of *Nephrolepis* in Hawai'i to have underground tubers that develop on the stolons. These serve as food storage as well as a means to reproduce, because new ferns will develop from the tubers.

Distribution: This indigenous fern is found throughout the tropics and is a common fern in cultivation. Here in Hawai'i it is fairly common and is found on all the main islands in mesic (somewhat wet) to wet forests.

Cultural Use: Kupukupu was often used to decorate hula altars, symbolizing that here was a place of learning, or sprouting knowledge (the word *kupu* means to sprout). The fronds are also used for making lei.

Landscape Use and Care: Plant kupukupu in either full sun or partial shade. It looks great as an accent plant around landscape pohaku (stones) or planted as a mass ground cover. Do not plant

them too close; the ferns should be at least 18 inches apart. This is because they can outcompete each other and eventually die back in a short amount of time. You can also plant them at the base of a rock wall; they will slowly crawl up the wall, sprouting new ferns in various crevices. Daily watering is fine as long as they are planted in well-drained soil. Don't allow the fern to sit in standing water, as it will start to turn yellow and defoliate, often dying.

Additional Information: There are at least five different species of *Nephrolepis* found here in the wild. Of these only two are native, the one described here and another larger species named *Nephrolepis exaltata* subsp. *hawaiiensis*, which is an endemic subspecies. The other three are naturalized alien species that can be very invasive. The problem with this is that they can and often will hybridize with the native species, jeopardizing the genetic integrity of the latter.



Volunteers in the Spotlight



MOKU LOA GROUP

The Moon Duo: Jan and Sarah Moon Mother and Daughter Environmentalists

Jan: When our family moved here in 1960 from Illinois we were astounded at the beauty of Hawai'i. We went on outings with friends and knew we must do all we could to protect this special place. We joined the Sierra Club and met the amazing, knowledgeable Kathie Lowder, who led us on many hikes and helped us organize our own Moku Loa Group on Hawai'i in 1974.

Sarah: Growing up with an activist mother, I was exposed early on to community involvement and love of the environment. Back when sugar was king, my Mom was one of the few people to deplore the dumping of bagasse from the mills into the ocean, which washed up in piles on our beaches and lagoons. Later, in the 70s and 80s, Jan, the Sierra Club, and other neighbors convinced our county council to purchase former estates along the shore and turn them into public parks and to rezone the makai properties from high-rise, high-density to single-family dwellings.

Jan: As a result of the county council action, we formed the Leleiwai Community Association and got the county parks department to stop using herbicides in the parks and stopped a parking lot from being built in

Carlsmith Beach Park.

Sarah: For the past 12 years, I've been outings chair or co-chair of the Moku Loa Group. Regular service trips have evolved, such as the one in my neighborhood that has been on the schedule for 10 years. The University of Hawai'i Service Learning Program, Hawai'i County Parks and Recreation, and Sierra Club regularly join forces to clear three trails through thick coastal jungle vegetation that leads to popular cool-water lagoons and ponds. From 2007 to 2012, I was on a county commission to study and recommend park/wilderness areas for purchase. At present I am aiding the endemic, endangered Palila bird by planting mamane trees in the Palila's habitat on Mauna Kea with the Mauna Kea Forest Restoration Project.

Jan and Sarah: We are optimistic about the response from the public to protect and preserve the environment. Other people too want to save the forests, the ocean, the natural world.



HAWAI'I CHAPTER

Scott Glenn Capitol Watch Co-Founder

Scott Glenn, the new Hawai'i Chapter Chair, is a professional planner, specializing in environmental and land use policy and planning. He moved to Hawai'i in 2007 from Japan, where he was living and teaching English, in order to study urban planning at the

University of Hawai'i and specialize in climate change adaptation. He was appointed by Governor Abercrombie to serve on the State Environmental Council and is currently the Council Chair. He has served on the Chapter Executive Committee since 2012, chairing the conservation committee and the personnel committee, and on Capitol Watch since its inception in 2011.

How did you become involved with the Sierra Club?

While a graduate student at UH, I worked as a research assistant on the proposed revisions to Hawai'i's EIS law. I met Robert Harris through that process. After I graduated, Robert invited me and other Sierra Club volunteers to help out with starting a new project that came to be Capitol Watch.

What is your view of Capitol Watch and its effectiveness?

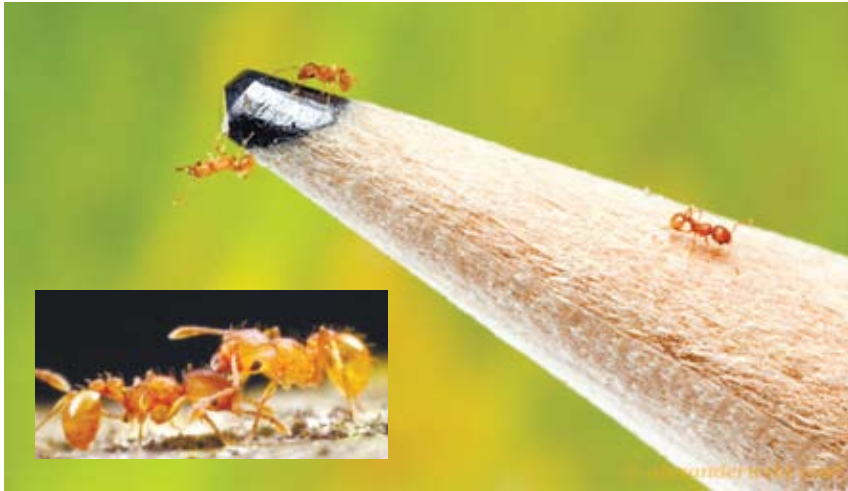
Capitol Watch has been phenomenally successful. We helped stop some really bad bills from moving forward and helped push some good bills further along than they would have gone on their own. Capitol Watch also helped lay the groundwork for acting in statewide elections and for long-term structural change by getting good people into leadership positions. I'm especially proud to have worked with Nicole Lowen, who is now the State Representative in Kona.

What issues are you passionate about?

As a planner, I'm interested in human ecosystems and how we can better design them to reduce their impact on the natural world and their vulnerability to climate change. Urban planning helps us see how we can better design our communities to reduce our impact on the environment. We can do that by using resources more efficiently and creating healthier places to live. That way, we don't have to keep building single-family homes on our best farmlands or putting up seawalls along our beaches.

This Ain't Your Grandpa's Ant!

By Erin Bishop, Outreach Specialist, O'ahu Invasive Species Committee



Photos by Alex Wild

The holiday season is one of the busiest times of year for arrivals on O'ahu. Families travel thousands of miles to join together in celebration. However, this past holiday season brought with it a most unwelcome traveler to our island...the Little Fire Ant (*Wasmannia auropunctata*). This pest's ominous acronym, LFA, will soon become commonplace in the media, for efforts at island-wide detection and control are currently underway.

LFA may be tiny, about 1/16 of an inch, but don't let their size fool you. They pack a powerfully painful sting that can last for days.

The presence of LFA was confirmed on December 26 at a garden shop on O'ahu. Just three days earlier, Maui had confirmed reports of LFA at a garden shop as well. The Hawai'i Department of Agriculture (HDOA) believes LFA were transported on hapu'u logs from Hawai'i Island, where the invasive ant has been established since 1999. Maui has confirmed just one infested hapu'u log,

and surveys of nurseries and landscapes have yielded no new LFA reports. On O'ahu, HDOA has traced some of the original logs to ten nurseries or garden centers and have treated all of these known infestations. However, there are still an estimated 1,000 hapu'u logs unaccounted for, which could potentially have LFA. Moreover, HDOA continues to find LFA at interisland ports in plants, cut flowers, foliage, and other materials shipped from infested areas.

LFA may be tiny, about 1/16 of an inch, but don't let their size fool you. They pack a powerfully painful sting that can last for days. LFA aren't restricted



Photo by Cas Vanderwoude

LFA have been known to sting pets and livestock in their eyes, causing clouded corneas and even blindness.

to nesting on the ground, but also find suitable nesting habitat in trees. A slight breeze or nudge causes the ants to rain down and sting whoever is below, which is of great concern to the agricultural sector and hikers. They have also been known to sting pets and livestock in their eyes, causing clouded corneas and even blindness. LFA poses a serious threat to both tree and ground nesting birds, whose eggs and nestlings are already susceptible to other invasive pests.

The keys to stopping LFA from becoming established are detection and reporting. If you have purchased plants from a local garden center or Hawai'i Island within the last year or suspect LFA, get out your peanut butter and chopsticks and catch 'em! Smear a thin coat of peanut butter on a chopstick.



Photo by Cas Vanderwoude

LFA can find suitable nesting habitat in trees. A slight breeze or nudge causes the ants to rain down and sting whoever is below.

Place the chopsticks within four feet of each other in, and around, the target area. Wait about an hour, then check your chopsticks. If you suspect LFA, seal the chopstick in a plastic bag and put it in your freezer for 24 hours to kill the ants. Make sure to put your name, address, phone number, and date on the plastic bag. Mail the specimen to the Hawai'i Department of Agriculture for a positive ID, or drop it off at 1428 S. King Street, Honolulu, HI 96814. Please note on the envelope that it is a potential LFA specimen. For more information about LFA, visit littlefireants.com.

Mālama Interviews State Sustainability Coordinator



Jacqueline Kozak Thiel patiently answered our questions and requests for more details, despite a hectic schedule that included a trip to Washington to assist the governor as he participated in President Obama's State, Local and Tribal Leaders Task Force on Climate Preparedness and Resilience.

As a sign of the importance of self-sufficiency to our islands, in 2013 Governor Abercrombie created the position of State Sustainability Coordinator and appointed Jacqueline Kozak Thiel, an environmentalist with more than ten years' experience working

the Department of Land and Natural Resources, there is no official "Office of Sustainability" or dedicated staff. But there are goals, Hawai'i's interconnected sustainability goals, enshrined in Act 181—Way of Life, Economy, Environment and Natural Resources, Community and Social Well-Being, and Kanaka Maoli and Island Values. Although she claims to be focusing on all five, the ones she mentions most often—besides education—fall into Goal 3, environment and natural resources. Just look at the list of her priorities: the transformation to clean energy, local food production, natural resource management, waste reduction, green jobs creation, climate change adaptation, and smart growth.

Thiel notes that we already have an ambitious target set for energy through the Hawai'i Clean Energy Initiative (70% clean energy by 2030). Our next step is to develop "measurable targets for all our sustainability goals with implementation strategies

"Sustainability needs to happen at a community level, led by those who live in the place, know it well and already, and will continue to care for it."

with communities in Hawai'i, to the post. Thiel came to Maui right out of college to work as an Americorps intern at Haleakala and Kalaupapa National Parks. The assignment was followed by a four-year stint on the Kaua'i Invasive Species Committee, after which Thiel became the statewide Communications Coordinator for the Hawai'i Invasive Species Council. She also earned an M.A. in urban and regional planning from UHM.

Although Thiel has an office in

that track our progress. This will help translate our vision of sustainability into collaborative action." She is currently working with Hawai'i Green Growth, a public-private partnership, to support the governor, mayors, Office of Hawaiian Affairs, and legislators in making a shared commitment to sustainability with 2030 targets called the Aloha+ Challenge: He Nohona

'Ae 'Oia (A Culture of Sustainability).

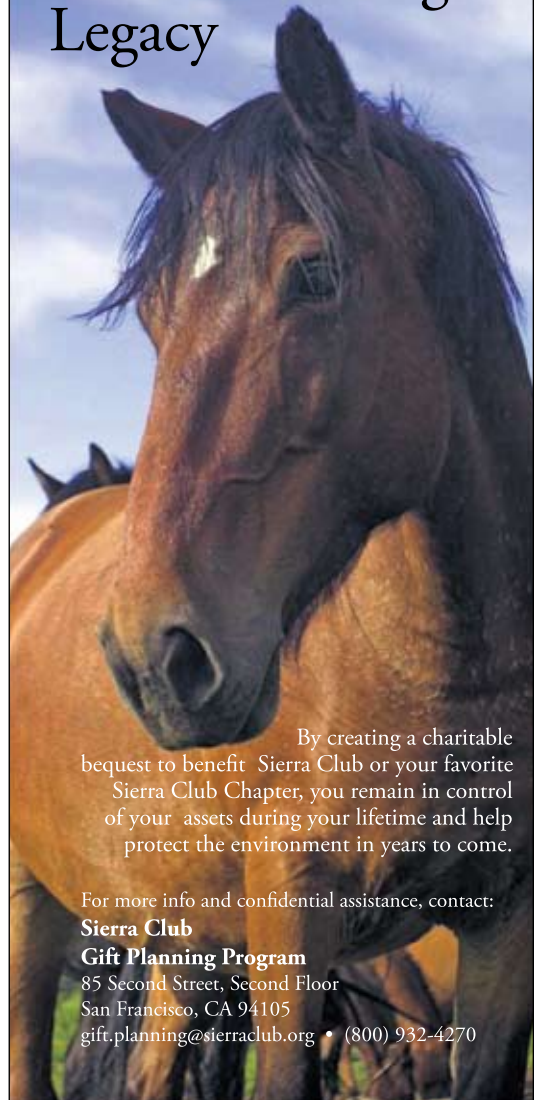
Probably because of her focus on community outreach on Kaua'i, Thiel believes that "sustainability needs to happen at a community level, led by those who live in the place, know it well

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How Did That Turn Out?

A New Series Based on Chapter Actions

The historical timeline that ran in the *Mālama* in 2013-14 to mark 45 years of Sierra Club activism in Hawai'i included lawsuits to stop development and save habitat, bad laws that did not pass or were passed and later repealed, and some sound environmental measures that became law. We will follow up on one of these issues each quarter, asking questions like, What happened as a result of a bill becoming law? How has this ruling or that lawsuit improved or damaged our fragile environment? Where are they now, those who led the fight for a particular cleanup or against a specific development? We'll ask those involved to update us on outcomes.

For the first report in the series, intern Kathrin Auzinger-Hotzel investigated the impact of the HI-5 bottle bill and interviewed Jeff Mikulina, who led the push for the bill as Director of the Hawai'i Chapter in 2002, when it finally passed.

The Bottle Bill Nine Years Later

by Kathrin Auzinger-Hotzel

Before 2005, when Hawai'i's bottle bill went into effect, only 20 percent of containers were recycled. With more than 900 million beverage containers sold each year, the state's landfills were overflowing, and beaches, parks, and roads were littered with empty cans and bottles. The purpose of a deposit-and-return program was to keep most of

these containers out of the waste stream, helping to protect Hawai'i's natural beauty and providing educational as well as business opportunities and jobs.

By 2008, it was clear that the bill was having a positive impact. Coastal Cleanup data revealed that litter found on beaches and beach parks was three times less than in 2004. Redemption rates started out strong with 68 percent of containers redeemed in the first year. Today, 77 percent are being redeemed and recycled, almost 700 million bottles and cans. From 2005 to 2012 Hawai'i recycled 4.7 billion containers. To get an idea just how many that is, check out the infographic.

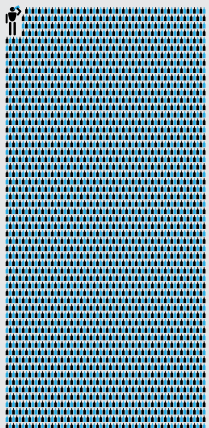
Jeff Mikulina was happy to answer my questions about the long campaign to get the HI-5 bill passed.

What challenges did you encounter? How did you overcome them?

The bottle law was a David versus Goliath struggle in the beginning. We were fighting the national beverage industry, which opposed the bill because they said it raised the cost of their products. In fact, they liked to boast that they had successfully stopped bottle deposit legislation in state after state. We were also opposed by everyone connected to the beverage industry:

Reviewing available data from 2005 to 2012 reveals that Hawai'i has recycled 4.7 billion containers, which:¹

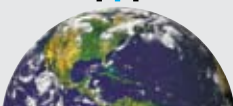
Is 3,400 containers per resident
(That's a lot of POG)



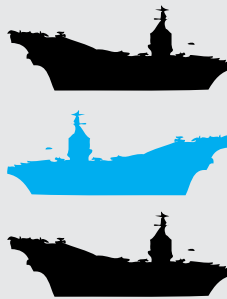
Stacking them on top of each other, they could reach the moon 3 times



Those are tall stacks. I do however wonder... Are they stacked top to bottom or sideways-like?

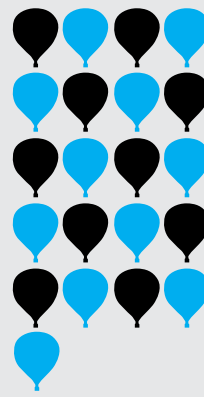


Together the containers weigh as much as 3 aircraft carriers the size of the USS Nimitz



(We couldn't fit them on a scale, but you get the idea)

Their volume could fill 21 hot-air balloons



Which might be equal to the volume of hot air it takes to get the average bill passed

Collecting and recycling the containers has conserved enough energy to provide electricity to a TV per person on O'ahu for one year, watching 24 hours a day.



Although we do not suggest using this as an excuse to watch more TV. Take a hike!

¹ Hawai'i Department of Health. Deposit beverage container program. Retrieved from <http://health.hawaii.gov/hi5/>

grocery stores, restaurants, and most of the tourism sector. Fortunately, we had the Cayetano administration and Rep. Hermina Morita on our side. But what really won the day was a strong grassroots mobilization. Students, community groups, businesses: all carried the message loud and clear to the legislature.

Did the Sierra Club do anything new or different in passing the law?

Aside from working to mobilize the grassroots, we put together a website dedicated to passing the measure. It was a fairly novel concept back in 2002 to

passed. We needed to get the bill out of one more committee, but a vote we needed wasn't budging. We asked the legislator what it would take to get his vote. He finally fessed up: he'd support the measure if Gary Gill (from Department of Health) didn't get any credit for it. He had an old beef with Gary and didn't want to give him a "win." We didn't hesitate to throw Gary under the bus—"Done"—and shook hands. We met with Gary later to tell him about the meeting. "Gary, good news and bad news..." He took it in stride, even though he was a driving force behind the measure's success.

Some folks from First Unitarian Church came and joined the sign-waving. One of their signs read, "Jesus believes in Redemption." Another sign read, "Jesus Saves...His bottles and cans." It was classic.

have a site where you could learn about a particular issue and take action. In addition, the legislature had just started to accept email testimony, which really opened up direct advocacy to many constituents.

We also worked to keep the bottle bill in the news. Media releases were sent out almost weekly about a benefit that the bottle law had provided in other states. We augmented that with events like a nickel giveaway in the basement of the Capitol to keep the media's focus on the measure.

Do you have any memorable stories that occurred while lobbying for the bill?

Two stand out. The first was during the rally around Earth Day 2002. We had student and community groups waving signs along Beretania by the Capitol. Some folks from First Unitarian Church came and joined the sign-waving. One of their signs read, "Jesus believes in Redemption." Another sign read, "Jesus Saves...His bottles and cans." It was classic.

The other story hasn't been told publicly, but enough time has probably

When the bill passed were you concerned that it wouldn't work?

We grew increasingly nervous after the 2002 election when Linda Lingle won the governor's race. She was no fan of the law and made repeated efforts to repeal it. When it was clear that she wasn't going to promulgate rules for the bottle law as required, the legislature stepped in and wrote the rules into the statute in advance of the program's January 1, 2005, launch.

Clearly the program is a success—it has led to recycling over 6 billion bottles and cans and more than tripled the recycling rate—but are there areas that could be improved?

The law could benefit from three changes. HI-5 should be expanded to include all containers, including wine bottles. Retailers should be required to take back the bottles and cans that they sell. Finally, the deposit should be increased to 10 cents or more (Germany has a 0.25 Euro deposit). Five cents isn't what it used to be, and a larger deposit would further increase our recycling rate.



Explore, enjoy and protect the planet



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Life	<input type="checkbox"/> \$ 1000	<input type="checkbox"/> \$ 1250
Senior	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Student	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
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Nate's Adventures

Hawai'i's Giant Dragonfly



by Nate Yuen

I was lucky to get some close-up shots of the pinao or giant Hawaiian dragonfly, *Anax strenuous*, on O'ahu last summer.

Also known as the giant Hawaiian darner, the dragonfly is said to be the largest in the United States. It has a wingspan of about 4 inches, which is large by modern standards but hardly a giant compared to the prehistoric dragonfly *Meganeura*, which grew to the size of seagulls during the Carboniferous

Period, 300 million years ago.

I have always been amazed by the agility of pinao in flight when I see them snatch insects in mid-air. Earlier this month, while hiking along Opae'ula Stream above Hale'iwa in the Kō'olau Mountains, I came across a charming mountain pool fed by a trickling waterfall with hapu'u ferns and 'ōhi'a lehua trees at the foot of the pond. [1]

Imagine my excitement when I saw a pinao fly upstream and hover over the pool!

With adrenalin coursing through my veins I snapped scores of photos in the hope that some would be in focus. [2]

Pinao are in the family Aeshnidae and are one of only two dragonfly species endemic to the Hawaiian

Islands. Pinao are found at elevations above 2,000 feet and are fierce insect predators in the native landscape. [3]

Two months earlier, while hiking on a rainy day in the mist, my hiking/bugging buddy Jay came across a once-in-a-lifetime find.

Jay stumbled upon a pinao covered with dewdrops resting on some ferns.

Some raindrops had settled from the mists and condensed on the pinao as tiny droplets of dew. [4-7]

We marveled at the amazing sight! The animal allowed us to get some really close shots before flying off into the mist. How lucky did we get?

To see more of Nate's pinao photos, go to hawaiianforest.com/pinao-giant-hawaiian-dragonfly-on-oahu





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Nathan Yuen is an artist/photographer/naturalist whose body of work is a confluence of hiking, conservation, and fine art photography. Each weekend you can find him hiking, backpacking, or kayaking to out-of-the-way locations to photograph Hawai'i's native plants and animals, many of which are rare or endangered. His goal is to showcase these biological treasures to give you a reason to protect them for future generations. Nathan has a website at HawaiianForest.com, where you can see his art and read about his adventures.



The Environmental Olympics?

The O'ahu Group has been helping lead the effort to bring the 2016 world Congress of the International Conservation Union (IUCN) to Honolulu. The Union describes itself as "the world's oldest and largest global environmental network," with "more than 1,200 member organizations including 200+ government and 900+ non-government organizations" and "almost 11,000 voluntary scientists and experts, grouped in six commissions in some 160 countries." The IUCN's work is supported by over 1,000 staff in 45 offices and hundreds of partners in public, NGO and private sectors around the world. Some compare the quadrennial conferences, which typical bring together more than 6,000 government leaders from around the globe as the "Olympics of the environmental movement."

To host the congress in Hawai'i would definitely be a feather in our cap, not to mention helping put pressure on U.S. leaders to place more emphasis on environmental issues. At first the effort to bring the Congress to Hawai'i seemed forlorn. Eight cities were in the running and the folks in Washington seemed remarkably uninterested. When the sequester hit, the State Department pointedly told us that they had no funds to support our effort and to give up. We refused to do so. Together with our environmental partners here in Hawai'i, led by Chipper Wichman, Director & CEO of the National Tropical Botanical Garden, we prevailed on Governor Abercrombie and our Congressional delegation to make the State Department reconsider.

These efforts ensured that even as six other cities fell by the wayside, Honolulu's bid made it to the final

selection round against Istanbul. Last month the site selection committee members visited Honolulu and by all accounts were extremely impressed. The Sierra Club, led in this effort by Steve Montgomery and other members of the O'ahu Group, was well represented at both formal receptions and instrumental in making a forceful appeal to the visiting committee members. In May we will learn if our efforts were successful.

Koa Ridge & Ho'opili

In other news, our attorney, Eric Seitz, has asked the state Supreme Court to consolidate our two appeals of the Land Use Commission decisions on Ho'opili and Koa Ridge and to advance them immediately to the Supreme Court, skipping the Appeals Court stage. Since our case stands on constitutional grounds, it seems the logical thing to do. If our appeal is successful this case would have profound implications for development patterns on O'ahu. Our efforts still need financial support. We are running low on funds and we would welcome donations.

Turtle Bay and Envision La'ie

We continue to ramp up our support for efforts to preserve the North Shore and Windward Side. We have scheduled a meeting with Mayor Caldwell to press him to do everything in his power to assist the current efforts to purchase the development

rights to more than 1,000 acres of the Turtle Bay lands.

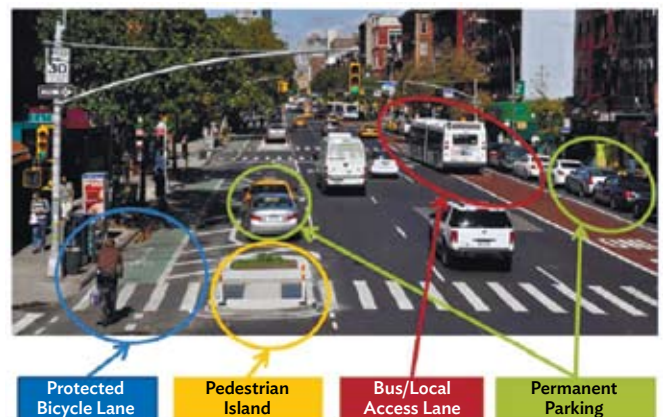
Beretania-Young-King Project

We are supporting efforts to make the so-called BYK corridor, from Moili'ili to Thomas Square, a demonstration project of "Complete Streets" concepts. This is in line with our policy of encouraging efforts to "densify" and beautify the city, to make it a safer, more exciting, more pleasant urban experience in order to persuade more people to live in the city and thus reduce demand for suburban-style subdivisions, which continue to consume our best farmlands. We use the slogan "If you love the country, you have to embrace the city." The BYK Project envisions dedicated bicycle tracks, bus lanes, plantings, and other efforts to make streets safer and more enticing to pedestrians, cyclists, and transit users. The project website at bykproject.com is well worth a visit.

Below is an example of the kind of thing envisaged.

Anthony Aalto

Chair, O'ahu Group





O'ahu Group Outings

SEE PAGE 14 FOR GENERAL
OUTINGS INFORMATION

Beginning in January 2014, reservations are required for outings. Register online at sierraclubhawaii.com/get-outdoors

Unless otherwise stated in the outing description, participants meet at 8:00 a.m. at the back porch of the Church of the Crossroads, 2510 Bingham Street, Honolulu. Do not leave your car in the church parking lot.

Classification of outings: (E) Education/ Interpretation, (C) Conservation, (F) Family/Fun, (S) Service

Saturday, April 5

Ala Wai Harbor Cleanup (S)

Meet at 8 a.m. at the Harbor Master's office, between the 3rd and 4th row of boats behind the Ilikai Hotel. Park in street stalls or public lot 'ewa of Hilton Lagoon. Wear sturdy shoes with gripping soles and bring a hat, sunscreen, and water. We will use nets and scoops to rid the harbor of garbage. All participants under 18 must have a waiver signed by their legal guardian. Closed-toe shoes only. No slippers or sandals of any kind. Please contact the leader for the waiver. Deborah Blair 955-4168

Sunday, April 6

Kuli'ou'ou Sidedoor (F)

4.5 mi/Strenuous/Ridge/Kuli'ou'ou We'll use the "old" trail to get to the summit and go back via the shelter cutoff, sliding downhill on ironwood duff for 100 yards. Lots of shade on this hike. Some mosquitoes. Randy Ching makikirandy@yahoo.com

Saturday, April 12

MCBH Kāne'ōhe Bay Service Project (S)

Reservations required by April 11. We will be working with Environmental clearing wetland of mangrove plants to create habitat for Hawai'i's endangered water birds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a waiver which you must bring with you. Contact Dan Anderson at 690-0479 or dander@gmail.com by April 11. Deborah Blair 955-4168

Sunday, April 13

Kamananui (Moanalua Valley) Hike (F) 11mi/Moderate/Valley & Ridge/ Moanalua

We'll meander through this lovely valley looking at historic sites before crossing the stream many times on our way to a steep climb to the Ko'olau summit. Gwen Sinclair 753-0528, gsinclair@gmail.com

Sunday, April 13

Sierra Seminar: Kaunala West (E/F)

5 mi/Moderate/Contour/Pupukea Reservations required. Native plants are the highlight on this trail, with beautiful views of central O'ahu. Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925, Stan Oka 429-9814, Susan Tom

Sunday, April 20

Kuli'ou'ou Loop hike (F)

4 mi/Very strenuous/Ridge/Kuli'ou'ou Not for those afraid of heights. We start with a very steep climb on Kuli'ou'ou West. After obtaining the ridge, we climb up to Pu'u o Kona with spectacular views of the Windward side. The Ko'olau summit has some steep falloffs and crumbly sections so we need to be careful. The summit can be very windy. You'll definitely need to pay attention, but the views are awesome. We descend via the state trail. Randy Ching makikirandy@yahoo.com

Saturday, April 26

Aiea Ridge hike (F)

11 mi/1700' elevation gain & loss/
Strenuous/Ridge/Aiea Reservations required. This trail follows the heavily hiked Aiea Loop Trail for the first two miles. We'll then leave the crowd for the upper section of the trail, where there are an abundance of native plants and birds to see. Beyond the Aiea Loop Trail, the ridge trail may be overgrown so long pants may be nice to have. The views at the top of the Ko'olau Mountains are expansive. Bring at least 3 liters of water, a hearty lunch and rain gear. Because of the long hike we will meet at 8:00 a.m. at the Keaiwa State Recreation Area at the end of 'Aiea Hts. Dr. and not at the Church of the Crossroads. Ed Mersino mersino@hawaii.edu, David Houle

Sunday, May 4

Haha'ione Loop Hike (F)

5 mi/Very strenuous/Ridge/Haha'ione, Kuli'ou'ou Not for those afraid of heights. A "lollipop" hike. We start at the end of Haha'ione St. in Hawai'i Kai. We gradually ascend to the end of the stick. Then it gets steep and near the summit becomes really steep (we'll get your heart beating). We rest at Pu'u o 'Ahi and then cross the Ko'olau summit to Kuli'ou'ou. Some steep falloffs and great views. We descend the state trail and take the shelter cutoff. We turn left at the bottom, cross a couple of ravines and return to the end of the stick, finishing the circumnavigation of the lollipop. Randy Ching makikirandy@yahoo.com

Saturday, May 10, 2014

Photography hike: Waimea Valley (E/F)

2 mi/Easy/Valley/Waimea Reservations required. The pace of photography hikes is extremely slow. Bring



O'ahu Group Outings

a lunch for a day of fun. Nominal entrance fee required. Botanical Garden with native plants, colorful flowers and foliage. Stan Oka 429-9814, Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925, Susan Tom

Saturday, May 17

Āhuimanu Loop (E/F)

2 mi/Easy/Kāne'ohe

Be prepared to walk gently over a few ancient rock walls which mark former taro paddies of this once productive area. The short trail meanders along the Āhuimanu Stream to the base of the Ko'olau mountains. Meet at 9 a.m. at the First Hawaiian Bank parking area in the Windward City Shopping Center, located at the intersection of Likelike and Kamehameha Highway in Kāne'ohe. Wear long sleeves, long pants, and bring mosquito repellent! Wear closed-toe shoes with good traction. Colleen Soares 748-9215 csoares48@gmail.com

Sunday, May 18

Mystery Hike (F)

Moderate/5 hours/Location TBA

Reservations required. The first ten

people to make reservations get a free walking stick (each one handmade). The hike lasts 5 hours. There is a steep section (about 10 minutes) in the beginning. Bring lots of sunscreen! Randy Ching makikirandy@yahoo.com

Sunday, May 18

Maunawili Trail (F)

10 mi/Moderate/+500'/Maunawili Reservations required. Varied terrain with wet gulches to open forest canopy. Maunawili Demonstration Trail, a state-maintained trail that traverses the breadth of upper Maunawili Valley. Long single track contouring the Koolau Mountains. Spectacular views of the mountains, ocean, and lush tropical valleys. Car shuttle, 7:00 am park at Waimanalo trail head, car pool to Pali Hwy hairpin turn trailhead to start hike back to cars. We will be hiking one way contour trail, 500' elevation change. Dan Anderson danderhi@gmail.com 690-0479

Saturday, May 24

Godek-Jaskulski Ridge Loop (F)

7 mi/2000' elevation gain & loss/
Strenuous/Ridge/Moanalua Valley

Reservations required. The trail climbs steeply up the left side of the valley to the ridge separating Moanalua and South Hālawā Valleys. There are some dangerous sections with steep drop-offs with narrow crumbly rocks. We will have lunch on the ridge while we rest and enjoy the great views. We will not go all the way to the Ko'olau Summit but descend a side ridge down to the beginning of the Kapukaki Trail in the bottom of the valley. This hike is named for Chuck Godek (1928-2000) and Erwin Jaskulski (1902-2006). To read more about this amazing duo see hawaiianforest.com/godek-jaskulski-trail. Ed Mersino mersino@hawaii.edu, David Houle

Saturday, May 31

Kahana Valley Hike (F)

6 mi/Moderate/Valley/Kahana

This loop trail leads us up into the back of Kahana Valley. Our lunch will be at a refreshing pool with a set of rapids at one end. It's great for cooling off before we leave the valley. The return loop crosses the stream (plan on getting your feet wet) and passes down the opposite ridge. Along the way are some old

SIERRA CLUB OUTINGS POLICY

For all Sierra Club Outings: Sierra Club outings are conducted according to Club policy and under the direction of certified Outings Leaders. Our outings are group activities, and all participants are expected to follow leaders' instructions and to remain with the group for the entire outing. We welcome all Sierra Club members, non-members, and visitors on most of our outings; however, certain outings may be restricted to members. Firearms, pets (unless specifically allowed), and audio devices with or without headsets are prohibited. Smoking is permitted only at breaks and then only if the smell of smoke cannot be detected by other hikers. Outing Leaders may prohibit smoking if, in their judgment, a fire hazard exists.

Bring with you: a liter of water (2 liters for strenuous hikes), lunch, sunscreen, insect repellent, raingear/jacket, and daypack. Boots, shoes with traction grooves (no loafers), or tabs are required. Unless otherwise noted, no bare feet or sandals of any type will be allowed.

You will also need to sign a liability waiver. If you would like to read a copy of the waiver prior to the outing, please see www.sierraclub.org/outings/chapter/forms or call 415-977-5630.

In the interest of facilitating the logistics of some outings, sometimes participants make carpooling arrangements. The Sierra Club does not have insurance for carpooling arrangements and assumes no liability for them. Carpooling, ride sharing, or anything similar is strictly a private arrangement among the participants. Participants assume the risks associated with this travel.

For specific islands: Each group may have its own outings policy. Please look at each group's page or website for more specific information on where to meet or what to bring with you.



O'ahu Group Outings

Hawaiian burial sites, WWII bunkers, a dam, and a gauging station. Lots of mosquitoes, so long sleeves and long pants recommended. Gwen Sinclair gwsinclair@gmail.com, 753-0528

Sunday, June 1

Kaluanui to Kuli'ou'ou (F)
5 mi/Moderate/Ridge/Hawai'i Kai
Not for those afraid of heights. Car shuttle required. We start at the top of Mariners Ridge and gradually ascend to the Ko'olau summit. We cross the summit for over an hour till we get to Kuli'ou'ou. Spectacular scenery with some extremely narrow sections. We'll take our time so you can enjoy the views. We descend via the state trail. Randy Ching makikirandy@yahoo.com

Sandy Beach Cleanup (S)

Meet at 8:30 at Sandy Beach bathroom at eastern side of beach park. (Bathroom closer to Makapu'u.) We will clean up along highway and coastal areas until 10:30. Bags and gloves provided. All participants under 18 must have a waiver signed by their legal guardian. No one under 18 will be allowed to clean on the highway and will spend their time cleaning the beach and park area. Closed-toe shoes only. No slippers or sandals of any kind. Call Tred 394-2898 for information. Deborah Blair 955-4168

Saturday, June 7

Kapalama Trail (F)
6 mi/Strenuous/Ridge/Kapalama
Reservations required by May 24. Enjoy great views of Kalihi and Nu'uanu valleys on this shaded trail with big 'ohi'a and koa trees and other native plants, and cool trade winds. This is a beautiful hike. Colleen Soares csoares48@gmail.com
748-9215

Sunday, June 8

'Ohulehule Forest Conservancy Service Project (S)
Reservations required. Come spend the day in Waikane Valley on the windward side eliminating invasive trees and shrubs while enjoying scenic ocean views and/or remnant native forest. Be part of one of the most ambitious restoration projects on O'ahu attempted by a private landowner! This is one of the few 'elepaio habitats on the island. Maybe we'll get lucky and spot one. Jim Waddington, jimncindy99@yahoo.com, 947-2732.

Saturday, June 14

MCBH Kane'ohu Bay Service Project (S)
Reservations required by June 13. We will be working with Environmental clearing wetland of mangrove plants to create habitat for Hawai'i's endangered waterbirds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a waiver which you must bring with you. Contact Dan Anderson at 690-0479 or dander@gmail.com by April 11. Deborah Blair 955-4168

Photography Hike:

Koko Crater Botanical Garden (E/F)
2 mi/Easy/Crater floor/Hawai'i Kai
Reservations required. The pace of photography hikes is extremely slow. Various plants and flowers from around the world. Plumerias and hibiscus should be in bloom this time of year. Good for macro photography! Stan Oka 429-9814, Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925

Sunday, June 15

Keahi a Kahoe (Ha'ikū Stairs) (F)
12 mi/Extremely strenuous/Valley, ridge/Moanalua
Reservations required by June 8. Not for

those afraid of heights. All-day hike. We start in Moanalua Valley Park and walk 2.5 miles along the road. We ascend Middle Ridge to the Ko'olau summit and to Keahi a Kahoe and finally to the top of Ha'ikū Stairs. Lunch at the top of the world. We go back the same way and return to the cars around 7 p.m. Randy Ching makikirandy@yahoo.com

Sunday, June 29

Waimānalo Bicycle Outing (F)
20 mi/Moderate/Waimānalo
We'll ride the back roads of Waimānalo and take a jaunt to the Makai Pier. Meet at 8:00 a.m. at Waimānalo Rec Center. Helmets required; all types of bicycles welcome. Gwen Sinclair 753-0528 gwsinclair@gmail.com

Three-Day Neighbor Island Service Trip

Friday to Sunday, July 4-6
Haleakalā National Park, Maui (S)
Leader: Clyde Kobashigawa
clydekobashigawa@clearwire.net

Our accommodation for the weekend is Kapalaoa Cabin, situated in the center of Haleakalā Crater. The work will be eradicating California Telegraph Plant and Plantago. This trip is for hikers in good physical condition and for those who don't mind "roughing it." We have a 7-mile hike in via the Sliding Sands Trail and will exit via the Halemau'u trail. Participants will have to deal with the elevation. The cabin was built in the 1930s by CCC workers and is rustic. There are no washroom or shower facilities, but there is an outhouse. We do have a 2-burner gas stove top and a wood burning stove to cook and keep warm. The reward is spending the weekend in a beautiful National Park.



Hawai'i Supreme Court Affirms Public Policy on Shorelines

In a landmark decision, the Hawai'i Supreme Court has reaffirmed its decades-old stance that the public is entitled to own and use as much of the beach as possible. The January 27 opinion, issued in a case brought by Kaua'i residents, orders the state to consider historical evidence in determining shorelines, which become the starting line for building setbacks.

The state had been taking a "multi-variable approach" to setting the shoreline, which included the use of vegetation lines, artificial structures, and other factors. Rather than considering historical data, it relied on a "single-year snapshot" approach, with the state surveyor guided by what was visible the day of the site visit. But Caren Diamond, Beau Blair, and Attorney Harold Bronstein challenged that practice, saying it had resulted in houses being built dangerously close to the ocean and citizens losing use of pristine sandy beaches.

The Hawai'i Supreme Court concurred in an opinion that reaffirms 45 years of shoreline rulings, known as Diamond II. The multi-variable approach is not described in any statute or case law, the Justices wrote. Instead, the state should have been guided by the court's earlier rulings, including the 2006 Diamond I decision that defined the public beach as extending to "the upper reaches of the highest seasonal wash of the waves."

These opinions define the state's policy as giving the public as much use and ownership of Hawai'i's shoreline as is reasonably possible.

New Dairy May Pose Risks to Maha'ulepu

Kaua'i is poised to undergo another

dramatic change in land use, one that could have deleterious effects on one of its most treasured landscapes. Ulupono Initiative is investing \$17.5 million to form Hawai'i Dairy Farms on 582 leased acres in Maha'ulepu's fertile and culturally rich valley.

With 1,800 specially bred cows rotating in pods of 330 through 216 paddocks, 144,000 pounds of waste per day is expected. The resulting nitrogen and phosphorus deposits trigger concerns about environmental pollution. If these nutrients are not fully absorbed by the pasture grass, they can contaminate water sources through leaching or surface runoff. What is "Plan B" if the ecology of our near shore waters is negatively affected?

While the approved NRCS conservation plan is long in pages and engineering specs, its soil and water table data lack critical information about storm precipitation greater than 25-year flood events. Grubbing and grading is already underway to prepare the pasture and install irrigation. Residents are left wondering what safeguards exist to protect Maha'ulepu and Koloa-Poipu since neither an environmental assessment nor a NPDES permit is required.

Proponents of the dairy point to the creation of 12 to 15 jobs and food security. Opponents are wary of the potential for degradation of the area's ecology and pristine ocean. Some question whether this agricultural use is compatible with Maha'ulepu's historical and archaeological assets.

The extent of Ulupono's commitment to Kaua'i and land stewardship and whether they choose to implement strong environmental protections (such as voluntarily applying for a NPDES permit and installing groundwater monitoring wells to measure contaminant levels) will be scrutinized.

State's Inaction Jeopardizes Historic Trails

Residents are in a stalemate with government and private landowners regarding the historic lateral coastal trail (ala loa) through the ahupua'a of Ka'aka'aniu, Lepeuli, and Waipake on the windward side. These traditional and customary trails are important cultural and environmental resources and are protected by law as far back as the Highways Act of 1892, currently codified as HRS § 264-1. However, coastal property owners are objecting to these public trails and seem to have intimidated the state agencies that have jurisdictional oversight.

Numerous community requests to the BLNR Chairperson, the Division of Forestry and Wildlife, the Attorney General's Office and others have failed to have the state reassert its fee simple ownership of the ala loa. Even Kaua'i County officials have been unable to get the state to support residents' rights.

Regardless of pushback from private landowners, there is a legal basis for DLNR to proceed with metes and bounds surveys of the ala loa with recordation at the Bureau of Conveyances to protect these public trails in perpetuity. When the state vacates its public trust responsibilities through inaction, the likely resolution is litigation in the courts.



Koolau District coastline viewed from the historic trail.



Kaua'i Group Outings

**SEE PAGE 14 FOR GENERAL
OUTINGS INFORMATION**

Join us on one of these outings to explore Kaua'i. Mileage is total miles. Requested donation for members and participants under 18 is \$1; for others, \$5. Updates on the website: hi.sierraclub.org/Kauai/index.html

Note: Women are advised not to hike remote trails or camp alone on Kaua'i.

Would you like to become a Sierra Club Outings Leader? Please call outings chair at 246-9067 to see how much fun you could be having.

Classification of outings: (E) Education/ Interpretation, (C) Conservation, (F) Family/Fun, (S) Service

Saturday, April 5

Okole'ahu/ North Shore/ moderate (C/F) A steady-incline forest walk ends in panoramic North shore views of Hanalei, its bay, and the river valley. Jane Schmitt 826-6105

Sunday, April 13

Maha'ulepu and Makauwahi Cave /South Shore/moderate/4 miles (C/E/F) Enjoy the majestic, rugged ancient sand-dune area of Maha'ulepu. Visit the sinkhole/cave archaeological site. Allan Rachap 212-3108

Friday, April 18, to Sunday, April 20

Celebrate the earth with a weekend in Koke'e (C/E/S). Bunkroom accommodations Friday and Saturday nights (\$30 for 2 nights) at the CCC camp in Koke'e. Time for a night walk Friday evening, volunteer with Kokua Koke'e Saturday, with the option of a hike on Sunday. (See April 20 hike description.) Must sign up by April 12. For more information call Kathy Valier 826-7302

Sunday, April 20

Honopu/ Koke'e/ strenuous/ 4 miles (C/E) This un-maintained trail through native forest provides spectacular bird's-eye views of the NaPali coast & Honopu valley at the end. This hike is open to people

spending the weekend at Koke'e for our Earth Weekend as well as to people who come up for the Honopu hike only. The hike leader will be at Koke'e where there is no cell phone coverage, so you must call before April 18. Jane Schmitt 836-6105

Wednesday, April 23

Waimea Canyon Road Cleanup/Easy/ 2 miles (S) Afternoon cleanup of Sierra Club's adopted highway requires a little over an hour. Please help keep the gateway to Waimea Canyon litter-free. Bob Nishek at 346-0476

Saturday, April 26

Donkey Beach Cleanup. East Shore/ moderately easy (S) Sierra Club and Surfrider team up to help protect marine life, the reef, and ocean from litter and fishing net entanglement. Look for banners at the parking lot above Donkey Beach, between the 11 and 12-mile highway markers by Public Shoreline Access sign. 9 a.m. until noon. Bags, gloves, and snacks provided. Judy Dalton 246-9067

Sunday, May 4

Shore walk to Pila'a Beach/North Shore/ Moderate/2 miles. A morning walk to a secluded beach. Kathy Valier 826-7302.

Sunday, May 11

Maha'ulepu Sunset to Full Moon Walk/ South Shore/ Moderate/3 Miles. (C/E/F) Start out mid-afternoon from Shipwreck Beach walking along the coast to Maha'ulepu. Enjoy the setting sun and an almost full moon rise. Spectacular coastal walk. We'll shuttle cars for a one-way hike. Greg Peters and Judy Dalton 246-9067

Wednesday, May 14

National Tropical Botanical Gardens Full Moon Walk. South Side/Moderate/2 miles. (C/E/F) Hike and learn about plants in lovely gardens. Sierra Club members only. Bob Nishek 346-0476

Sunday, May 18

Maha'ulepu and Makauwahi Cave. For

description, see Sunday, April 13.

Sunday, June 1

Hanakapi'ai Falls/ North Shore/ Strenuous/ 8 miles (C/E). Kaua'i's famous Kalalau trail offers stunning coastal views along the NaPali coast & includes a side trip to the beautiful Hanakapi'ai falls. Jane Schmitt 826-6105

Saturday, June 7

Ho'opi'i Falls/ East Side/3 miles/moderate. (C/F) You'll be in for a delightful surprise discovering this forest trail along a river featuring two beautiful waterfalls. Greg Peters and Judy Dalton 246-9067

Wednesday, June 11

Nonou (Sleeping Giant) Conservation Service Project. (C/S) East Side/strenuous/4 miles. Tend to endangered native plants in their habitat and enjoy a full moon walk. Sierra Club members only. Bob Nishek 346-0476

Saturday, June 14

A Day on Koke'e Trails. Moderate/5 miles (C/F). Starting at Koke'e Lodge we hike to Berry Flat Trail and continue to the northern section of the Ditch Trail. We loop back to the Waininiua Trail and back to the lodge. Ken Fasig 346-1229

Saturday June 21

Berry Flat Trail, Koke'e. Moderate/4 miles. (E/F) Lovely forested hike with sugi pine and redwood groves. Erica Watson and Denny Jackson 647-0727

Sunday, June 22

Maha'ulepu and Makauwahi Cave. For description, see Sunday, April 13.

Saturday, June 28

Hanama'ulu Beach Cleanup. East Shore. (S) Help protect marine life, the reef, and ocean from litter and fishing net entanglement. Sierra Club and Surfrider team up for this effort. Look for banners at beach. 9 a.m. to noon. Bags, gloves, and refreshments provided. Judy Dalton 246-9067



Maui Group Report

Aloha Sierra Club Members!

Our annual meeting in February brought in members, politicians, and community leaders to share their insight into a sustainable-future action plan. Thanks to Mana Foods, Maui Coffee Roasters, and Flatbread Co. Thanks to Harriet Witt who helped us visualize our place here on Earth in relation to the heavens.

The theme for our John Muir Birthday event will center on creating a North Shore Heritage park: why we need to preserve this area and what we can do to move officials to support this cause.

Thanks our hike leaders in training we will be organizing more hikes and service projects. We will be starting the process of starting a High School Hikers program. If you are a teacher, parent, or administrator and want to get involved with starting a High School Hikers group, get in touch with me—chair@mauisierraclub.org—and we can work on this program together.

I appreciate your membership and participation. You are an integral part of the Sierra Club and without your efforts and support we wouldn't accomplish as much as we do. Whether you have joined us on a hike, donated money, signed up a friend, written testimony on a bill, or just Liked us on Facebook, we value your contribution. Keep up the good work! Check out MauiSierraClub.org for the latest news and to sign up for our new and improved email list!

Chris Taylor
Chair, Maui Group

CONSERVATION UPDATES:

North Shore Heritage Park & Ho'okipa Expansion: Maui Group "Expand the Park" campaign focusing on Baldwin

Beach Park will be the theme of the April 22 John Muir Birthday event. Baldwin Beach is one of the most erosion-prone coastlines in Maui; park expansion is sound planning for the future needs of north shore communities.

Stream Restoration: State Water Commission hearings officer will consider arguments in March to restore more water to Na Wai Eha streams in a contested case ordered by the Hawai'i Supreme Court in August 2012. Residents seek increased stream flows in Wailuku ('Iao) and Waikapu streams to recharge 'Iao aquifer and support traditional agriculture.

East Maui Wells: Judge Cardosa ruled in favor of Maui Group and allies that Maui County had violated a 2003 consent degree requiring adequate consultation and studies before the Haiku aquifer would become the new source of water for central and south Maui water systems.

Hamakuapoko Wells: Maui County still plans to use the contaminated wells during drought emergencies. The state has proposed a new well to serve Hawaiian Homelands in an abandoned pineapple field adjoining a toxic chemical contamination site in Pukalani.

Regulation of Aquarium Fish Trade: Honolulu District Court ruled (May 2013) no EIS was required for State to issue aquarium collecting permits. Earthjustice appealed the ruling.

Haleakala Solar Telescope (ATST): Hawai'i Supreme Court ruled in favor of Kilakila O Haleakala, agreeing that the state land board did not follow its own process in granting a permit for

the project, but construction has begun. Other native Hawaiian groups involved in the project's ongoing federal consultation process allege that their suggested mitigations are not incorporated in the project's construction.

Haleakala Trail: SC rallied members statewide to stop DLNR from trading the historic trail running through private ranch land with no environmental or cultural review. State Land Board agreed review was needed in December.

Honolua Bay/Lipoa Point: The state legislature approved funding in 2013 to purchase Lipoa point; an appraisal is underway. Purchase may be finalized in 2014.

Lahaina Wastewater Injection Wells: Settlement discussions with Maui County have ended with no agreement. Earthjustice, representing Maui Group and other allies, is asking federal judge to find the Lahaina plant not in compliance with the Clean Water Act.

Wailea 670: Settlement discussions continue with Wailea 670 investors. After a community visit to cultural sites, MG is working to protect important native ecosystems and cultural sites outside the proposed 130-acre preserve. Donate to Wailea 670 legal fund: mauisierraclub.org

Makena Resort: Maui Group has met with Makena Resort's management partner, Discovery Land, to advocate for better cultural preservation, Maluaka park expansion, and a coastal trail.

Kihei Mega Malls: We will track the EIS being prepared for the new "revised" commercial and housing project on the site formerly proposed for two large malls.



Maui Group Outings

**SEE PAGE 14 FOR GENERAL
OUTINGS INFORMATION**

Classification of outings: (E) Education/
Interpretation, (C) Conservation, (F)
Family/Fun, (S) Service

A donation of \$5 (\$3 for Sierra Club
members) is requested of hikers over age 14.

Sunday April 6

Waihe'e Ridge Hike (C)

D= 5 mi R/T to top. 1,200 ft elevation gain.
Great workout with native plants, beautiful
views! Bring rain jacket, lunch, water,
hat, sunscreen. Meet 8:30 a.m. at Waihee
School parking lot. Limit 12. Register:
Leader Jake Hargis hargis08@gmail.com

Saturday, April 12

*Ha'iku Ho'olaule'a and Maui Group Plant
Sale Booth (Fundraiser-Ha'iku)*

Enjoy music, exhibits from 9 a.m.-4 p.m.,
Ha'iku Community Center. Volunteer
salespeople and plant donations welcome,
especially food plants. To donate: Chris
Taylor mauichris@gmail.com

Friday, April 18

*Kaupo Historical Tour (Ulupalakua to
Nu'u area in Kaupo) (C/E)*

D= 30 mi R/T. Caravan by car and stop
for short hikes at historical sites; view
rare native plants with commentary
by noted botanist and historian Bob
Hobby. Meet 8:30 a.m. Keokea Park in
upper Kula. Bring lunch, water. Limit
20. Special donation \$5 members \$10
nonmembers. Register: Lucienne de
Naie laluz@maui.net or 214-0147.

Sunday, April 20

Polipoli Trail Hike (C/E)

Approx D= 6 miles R/T. Forested trails
with fabulous views. Bring lunch,
sunscreen, and water. Meet at Pukalani Ace
parking lot at 8 a.m. Limit 12. 4WD good,

but any cars with good clearance can make
road under good conditions. Register/
Leader: Jake Hargis hargis08@gmail.com

Tuesday, April 22

*John Muir Birthday Party, Kaunoa
Center, Spreckelsville, 6-8 p.m. (E)*

Ice cream, cake, and community
conversation about future of Baldwin
Beach Park with guest speakers on
coastal erosion and water quality on the
north shore. Free "Expand the Park"
bumper stickers. All welcome.

Saturday, April 26

Lo'aloa Heiau in Kaupo (C/E)

D=2 mi R/T. Help map one of Maui's
largest Hawaiian ceremonial sites. Bring
water, lunch/snack, camera. Meet 8 a.m.
at Pukalani Terrace Center near Ace
hardware. Limit 15. Register/Leader:
Archaeologist Dr. Janet Six
sixjanet@gmail.com or 344-0566.

Monday, May 12

*Hamakuaopoko Coastline Hike (Ho'okipa
Park area) (C/E)*

D= 3 mi. Mama's Fish house to Maliko
Gulch. Historic sites from Hawaiian heiau
to plantation era. Hike follows shoreline
when possible. Meet 9 a.m. at Maliko
Gulch overlook (Paia side of Gulch).
Limit 15. Register/Leader: Lucienne de
Naie laluz@maui.net or 214-0147.

Sunday, May 18

*Hanau'la Ridge: Service Outing and
Native Forest Hike (above Ma'alaea and
Waikapu) (C/E/S)*

D= 4 miles RT. Some steep, muddy trails.
Help Maui Cultural Land's native plant
restoration project. We carpool to site
in 4WD vehicles. Meet 8:30 a.m. Maui
Ocean Center parking /Carl's junior end.
Bring water, lunch, sturdy shoes, jacket
(can be chilly/rainy). Limit 12. Register/
Leader Robin West rwest808@yahoo.com

Assistant Leader: Lucienne de Naie

Saturday, May 31

*Nu'u Bay Adventure Hike w/
archaeologist (Kaupo area) (C/E)*
D=3 mi R/T. Rugged trails over rough
lava flow. Spectacular views of Kaupo
coastline, ancient cultural sites, native
birds in Hawaiian Islands Land Trust Nu'u
Preserve. Overnight camping allowed.
Meet 8:30 a.m. at Pukalani Terrace
Center (by Ace), carpool to Kaupo. Bring
hat, water, lunch, sturdy hiking shoes.
Limit 15. Register/Leader: Dr. Janet Six
sixjanet@gmail.com or 344-0566.

Sunday June 15

*Huelo Stream. Exploration (no EMI
waiver) on private land (E) (C)*
D = 2.5 miles. Walk on kuleana lands (with
owner's permission) and along streams
to discover ancient Hawaiian sites hidden
in the jungle. Bug repellent, water, lunch,
stream hiking footwear, and raincoat. Meet
9 a.m. at top of Door of Faith Rd, Huelo.
Limit 15. Register: Lucienne de Naie
laluz@maui.net or 214-0147.

Friday, June 27

Benefit Star Watch with Harriet Witt (E)
Noted astronomer Harriet Witt shares
the lore of our Hawaiian night sky.
Bring comfortable folding chair and
shielded flashlights only. Leeward
side—spectacular location on private
land TBA. Donation: \$5 for members,
\$10 nonmembers. Register: Lucienne de
Naie laluz@maui.net or 214-0147.

Saturday June 28

Makamaka'ole Stream Hike (C/E)
D= 2 mi. R/T. Beautiful hike with many
stream crossings and waterfall at the end.
Bring water shoes, lunch, water, swimsuit.
Limit 15; meet Waihee School parking
lot 8:30 a.m. to carpool. Register/Leader:
Robin West: rwest808@yahoo.com



Moku Loa Group Report & Outings

Chair's Report

Your Executive Committee is calling for new volunteer administrators. Please contact Nelson or any of the active leaders (check the list of leaders on the Group Executive Committee for contact info). Our garage sale fundraisers provide modest revenues to keep our programs going; the next one is May 4. Large and small donations are appreciated.

Cory Harden and Mary Marvin Porter, co-chairs of the conservation committee, submitted an abbreviated list of priorities and issues:

Global climate change is upon us.

Do you think this does not affect you because you live inland from the coast and above 30 ft elevation? Are your insurance policies fully paid up? Do you have any special affection for our state's reef and aquatic life? Visit them soon and learn what might be in their future. Attend your conservation committee meetings for more information.

Militarization of Big Island Increases:

Armed Forces plan increased bombings, new helicopter landing zones, and expansion of activities at Pohakuloa Training Area. Cory Harden submitted MLG comments on adverse environmental and cultural impacts.

Water resources have been found in the Saddle Road region: Is the military at Pohakuloa Training Area going to swallow it all up? Sierra Club will be requesting that a Water Management Area be set up by the Water Resources Commission.

Geothermal hits more roadblocks. HELCO/HECO get their planning signals mixed up and the legislature

continues to submit confused and conflicting bills. Important bills that protect the people from forms of industrial pollution like toxic gasses, 24-hour noise and lights, and non-contestable incursions into rural and residential areas get killed by referral. Check out Henry Curtis in his blog Ililani Media (<http://ililani-media.com/>) for insight into the byzantine world of energy politics.

Continuing industrialization on the horizon for Mauna Kea summit: UH uniformed rangers are now "requesting" departure of public from summit viewing areas. UH also believes it can unilaterally remove groups of people from summit. Litigation anyone? Contact your volunteer leaders for details.

Egrets and owls eradication: Cory Harden submitted MLG support for the limited control of these alien species, as they are now preying on endemic species.

Environmental Scholars Are Recognized

The Sierra Club's Moku Loa Group is celebrating the twenty-seventh anniversary of supporting Science Fair awards given to promising scholars in Hawai'i Island. The Group recognized outstanding students for their research on Hawai'i's environment at the Hawai'i District Science and Engineering Fair held Saturday, February 8, in Hilo.

Felix Peng received the Mae Mull Award in the Senior Research Division, Caitlyn Ito was recognized with the Wayne Gagne Award in the Junior Research Division, Elijah Ko received the Don Worsencroft award for Senior Research in Physical Science, and Josh Shinji Ebesugawa received an award for his project on earth science and

environmental science relating to Hawai'i. The students each received a certificate and a check for \$50.

Through these awards Sierra Club members honor scientists active in protecting our native ecosystems and encourage students to pursue scientific research in topics related to the Hawaiian environment. We express our thanks to judges Dr. Phil Barnes and Roberta Brashear-Kaulfers.

Moku Loa Group welcomes contributions to its memorial fund to support the science fair and other educational programs for students. Tax-deductible donations may be made to Sierra Club Foundation (MLG) and mailed to the club c/o Moku Loa Group, P.O. Box 1137, Hilo, HI 96721. For more information, contact Deborah Ward at 966-7361.

OUTINGS

SEE PAGE 14 FOR GENERAL OUTINGS INFORMATION

D = distance, the estimated round trip for the day. E = elevation in feet. + is gain, - is loss, +/- is up and down. Classification of Hikes: (E) = Education/ Interpretation (C) Conservation (F) Family/Fun (S) Service.

Requested donation for members and participants under 18 is \$1. Donation for others: \$5. For most hikes, bring 2 quarts of water, rain gear, sturdy hiking shoes, hiking stick, hat/visor, and lunch. For full descriptions and updates go to hi.sierraclub.org/Hawaii/outings.html

Saturday, April 5

Milolii to Okeo Bay Shoreline Hike (E)
D = 5 miles, E = sea level
Join an exposed coastline hike on a



Moku Loa Group Outings

jeep trail passing cultural sites. The hike starts and ends at Miloli'i and passes a black sand beach. We will have lunch and a chance to swim/snorkel at Honomolino Bay. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387



Saturday, April 12

Kilauea Iki Crater Loop Hike (E, F)

D = 4 miles, E = 4000', +/- 425'

Enjoy features of the most celebrated volcanic eruption in Kilauea's modern history. We hike through rain forest along the rim of Kilauea Iki, then drop down to the crater floor. The crater floor is a good place to find Pele's hair and olivine. After seeing the vent, drill holes, and lava islands we'll climb switchbacks to the Thurston Lava Tube parking lot before taking the connecting trail back to our starting point, the Kilauea Iki overlook parking lot. Leaders Jim Buck 315-7914 and Kana Covington 966-8431.

Saturday, May 3

Kilauea Crater Rim Trail and Crater Floor Hike (E, F)

D = 4 miles, E = 4000', +/- 425'

Walk from Kilauea overlook past the steam vents down the Sandalwood Trail and Halemaumau Trail to the crater floor. Hiking out good switchbacks to Waldron Ledge, we end the hike at Kilauea Visitor Center. We'll see Pele's Hair, look for white-tailed tropicbirds, and enjoy the rain forest. Leaders Jim Buck 315-7914 and Kana Covington 966-8431

Sunday, May 11

Punaluu Black Sand Beach to Kamehame Hill Shoreline Hike (E)

D = 6 miles, E = sea level

Join us on a historic Hawaiian stone-lined trail along the coast. The hike starts and ends at Punaluu Black Sand Beach and includes a side trip to see petroglyphs. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387

Saturday, May 24

Kulani Peak Trail Day Hike (E)

D = 8 miles, E = 3900', +/- 1,000'

Join us and see the "walking Ohia" trees in 'O'la'a forest and the sweeping views from Kulani Peak. Leaders Linda Larish 966-6337 and Diane Ware 967-8642

Saturday, May 31

Volcanoes NP, Mauna Ulu Crater Day Hike (E)

D = 6 miles, E = 2900', +/- 400'

Hike on the Napau trail to Pu'u Huluhulu, then pass over the 1969-1974 lava flow and continue to the top of Mauna Ulu Crater. Hike starts and ends at the Mauna Ulu parking lot. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387



Saturday, June 7

Keanakakoi Crater Hike (E, F)

D = 4 miles, E = 3600', +/- 300'

Walk a paved road closed to vehicles to Keanakakoi Crater for a unique view of

Halemaumau Crater and the eruption of July 19, 1974. After returning the same way, we'll hike back up to Keanakakoi Crater's south rim via the Crater Rim Trail. Hike begins and ends at Devastation Trail Parking Lot. Leaders Jim Buck 315-7914 and Kana Covington 966-8431

Sunday, June 15

Volcanoes NP, Keanakakoi Crater Day Hike (E)

D = 6 miles, E = 3900', +/- 400'

This hike starts at Thurston Lava Tube, and then travels on Escape Road and the Crater Rim trail until it ends at the Devastation Trail parking lot. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387

Saturday-Sunday, June 21-22

Hakalau National Wildlife Refuge Service (C, E, S)

D = 3 miles E = 5500' +/- 500'

The group will help the U.S. Fish and Wildlife Service with one of their conservation projects. Overnight in a cabin with bunks. After working we will be rewarded with an opportunity to bird watch and botanize. Necessary gear includes boots, sleeping bag, warm clothes, sunscreen, and daypack. Group size is limited and a 4-wheel drive vehicle may be needed to reach the refuge. Contact Sunny and Michael LaPlante for information, 964-5017.

Saturday, June 28

Waiakea Pond Dayhike (E, F)

D = 2+ miles, E = sea level

Enjoy views of Waiakea Pond and aquatic birds. It may be muddy; wear appropriate shoes. Leaders Sarah Moon 935-3475 and Kana Covington 966-8431



Chapter Directory

"To explore, enjoy, and protect the wild places of the earth; to practice and promote the responsible use of the earth's ecosystems and resources; to educate and enlist humanity to protect and restore the quality of the natural and human environment; to use all lawful means to carry out these objectives."

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Sustainability Coordinator

Continued from page 7

and already, and will continue to care for it.” She wants to build a statewide network connecting communities and experts to share best practices. She says, “As just one person with a limited budget, it is really important for me to take the network approach, which

classrooms to students. In March she organized a panel at the Sustainability in Higher Education Summit to “showcase examples of how our universities and community colleges have significantly contributed to sustainability in Hawai‘i from on-the-ground efforts to policy-level decision making.”

When *Mālama* asked her to imagine being made queen for a day to jump-start solutions to some rather intractable

infrastructure that makes our islands more resilient. Since these ambitious tasks might not be achieved by the end of her day as a queen, she would “carry on the work as a citizen!” ■

“Education is the most powerful tool that we can give the next generation to equip them with the knowledge and skills they need to address the sustainability challenges of our century.”

fosters a web of partnerships where everyone has the opportunity to be engaged and make a difference.”

Thiel notes that her job description includes community outreach and education as key components to foster a sustainability ethic. To Thiel, “Education is the most powerful tool that we can give the next generation to equip them with the knowledge and skills they need to address the sustainability challenges of our century.” Her examples illustrating the diversity of projects teaching a sustainability ethic include the Hawai‘i Environmental Education Alliance, which drafted the Hawai‘i Environmental Literacy Plan; and the Farm to School network, which brings healthy foods and hands-on learning in garden

problems, Thiel said she would make Hawai‘i “a destination paradise with purpose, where visitors from around the world would come to experience sustainability and resilience in practice.” She would “summon the resources to equip communities, the counties, and the state with the information, support, and collaborative strategy needed to effectively address the short- and long-term impacts of climate change.”

Then she would turn to investment in innovation and transformation to reach clean energy goals, reduce Hawai‘i’s energy and food carbon footprint through local production, and emphasize natural resource conservation and watershed initiatives to protect Hawai‘i’s water supply and the natural

Hawai‘i’s Sustainability Goals, as Established in Act 181

Now incorporated into the State Planning Act with “sustainability” as a state priority

- **Goal 1. A Way of Life**—Living sustainably is part of our daily practice in Hawai‘i.
- **Goal 2. The Economy**—Our diversified and globally competitive economy enables us to meaningfully live, work and play in Hawai‘i.
- **Goal 3. Environment and Natural Resources**—Our natural resources are responsibly and respectfully used, replenished and preserved for future generations.
- **Goal 4. Community and Social Well-Being**—Our community is strong, healthy, vibrant and nurturing, providing safety nets for those in need.
- **Goal 5. Kanaka Maoli and Island Values**—Our Kanaka Maoli and island cultures and values are thriving and perpetuated.

Support the Sierra Club

It’s easier than ever to give a gift to the Sierra Club of Hawai‘i! It’s because of valuable supporters like you that we’ve been able to fight the PLDC, advance clean energy, and protect Hawai‘i’s precious environment. Your generous support today is a guaranteed investment toward the future of our environment and of our most special places.



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MĀLAMA I KA HONUA "Cherish the Earth" *A Quarterly Journal of the SIERRA CLUB OF HAWAII*

APRIL - JUNE 2014

National Sierra Club Elections are Underway—VOTE! It's Your Duty



SIERRA
CLUB

The annual election for the Club's Board of Directors is now underway. Members should have received your ballot in early March by mail or by Internet (if you chose the electronic delivery option). The ballot includes information on the candidates and where you can find additional information on the Club's web site.

The Sierra Club is a democratically structured organization at all levels; it requires the regular flow of views on policy and priorities from its grassroots membership in order to function well. Yearly participation in elections at all Club levels is a major membership obligation.

Members frequently state that they don't know the candidates and find it difficult to vote without learning more. You can learn more by asking questions of your group and chapter leadership and other experienced members you know. Visit the Club's election web site: www.sierraclub.org/bod/2014election/default.aspx This site provides links to additional information about candidates and their views on a variety of issues facing the Club and the environment.

You should use your own judgment by taking several minutes to read the ballot statement of each candidate. Then make your choice and cast your vote. Even if you receive your election materials in the mail, please go to the user-friendly Internet voting site to save time and postage. If necessary, you will find the ballot quite straightforward and easy to mark and mail.

Ballots must be received by no later than election day, April 16, 2014.