



Mālama I Ka Honua

Cherish the Earth

JOURNAL OF THE SIERRA CLUB, HAWAII CHAPTER

A Quarterly Newsletter

July - September 2011

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SAVE A TREE!

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Capitol Watch Shines

Sierra Club Capitol Watch Team Shines But Legislators Play Political Baseball

by Robert D. Harris

Typically, in wrapping up the legislative session, I'd (1) spend a bit of time highlighting the amazing efforts of our volunteers, (2) discuss some of the bad bills the Club defeated, and then (3) highlight the best environmental bills passed. I

might even throw in a gratuitous "don't forget to donate to the Club" to support next year's efforts. Hint, hint.

As to the first point, our volunteers DID do an astounding job. Our Capitol Watch team (chaired by Anthony Aalto) tracked thousands of bills, sent out 26 "Insider" emails updating folks on the Capitol Watch on the status of upcoming hearings, and organized testimony on hundreds of key environmental bills. One renewable energy developer actually noted that the Sierra Club updates were "better than the ones he got from his paid lobbyist."

The terrific Capitol Watch volunteers are energetic, passionate, and on the cusp of starting a movement that will only grow bigger and better with time

(see the diary of one of these terrific volunteers on page 4).

As to the second point, thanks to your assistance, the Club successfully stopped several bills that would have limited the public's ability to participate in decision making. One in particular, HB 376, would have automatically approved *all* business permits, licenses, approvals within thirty days if the agency failed to take action or pass rules granting them additional time. Such a bill, if passed would have created a nightmare situation were projects could sneak through without consideration of the merits.

However, a number of terrific bills died because of a game of political

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The Sierra Club is Hawai'i's largest and most successful grassroots environmental advocacy organization





FROM THE DIRECTOR'S DESK

I recently had the good fortune to visit both the Sequoia and Yosemite National Parks for the first time. Simply astounding. We're very fortunate to have such an amazing collection of roaring rivers and waterfalls, snow capped peaks and pristine valleys filled with ancient forests preserved for all of the world to enjoy and explore.

Enjoying the beauty of Yosemite, I had the occasion to reflect upon the Sierra Club's long and rich tradition of protecting wild places for the enjoyment of all. Protection of our natural areas has been a struggle. The Club's founder, John Muir, observed over a hundred years ago:

"In these ravaging money-mad days monopolizing San Francisco capitalists are now doing their best to destroy Yosemite Park, the most wonderful of all our great mountain national parks."

"The Hetch-Hetchy Valley," *Sierra Club Bulletin*, January 1908, 211.

I find it equally heartening and disheartening that we seem to visit similar battles many generations later. While Yosemite's preservation seems currently assured, Hawai'i is locked into a cycle of neglecting our parks and conservation areas. In a report recently issued by the Department of Land and Natural Resources, the DLNR included numerous photographs and opined:

Our State recreational facilities provide residents and visitors with healthy activities and access to sustenance for hikers, fishers, hunters and gatherers.

But if our residents, small businesses and tourism industry rely upon these places, how come they look so junk?

Our parks and conservation reserves were set aside to ensure future generations can see Hawai'i's unique and fragile beauty. But we're currently failing to allocate the funding needed to ensure they're protected. Endangered species are disappearing, popular trails are falling into disrepair, and miles of coastline are increasingly at risk from the impacts of development and sea-level rise. And with the current budget deficit, it doesn't appear the problem will get better anytime soon.

We can take satisfaction in John Muir's and the Sierra Club's legacy. It's proof that a broad, grass-roots coalition of individuals can have success in preserving wild places despite the efforts of "money-mad . . . monopolizing" capitalists. I hope you'll join us in speaking out and encouraging our legislature to be creative in breaking the cycle of blame and neglect in order to ensure future generations can enjoy Hawai'i's natural resources. As you take a little bit of time this summer to enjoy the outdoors, don't forget to spend a few minutes calling your legislator to ask why the state doesn't do a better job of protecting our natural resources.

Hope to see you on the trail,
Robert D. Harris



Mālama I Ka Honua

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Planting Native

by Rick Barboza

'Aweoweo

Chenopodium oahuense

Endemic: *Kaua'i; O'ahu; Moloka'i; Maui; Lana'i; Hawai'i; plus Lisianski; Laysan; Necker; French Frigate Shoals; and Nihoa.*

With all the news about people fishing for 'Aweoweo (*Priacanthus* spp.) at He'eia pier and all over the islands a few years ago, I thought it would be interesting to share with people information of this Hawaiian plant with the same name. If you're wondering why a fish and a plant would have the same Hawaiian name then you must go all the way back to the beginning: The Kumulipo. In this Hawaiian creation chant many things are created in a dualistic manner meaning that when one thing is created in the ocean, there is often a counter part created on land or in the air or both!

Description: 'Aweoweo are typically low shrubs to small trees 2-8ft. tall with light blue/green leaves that are in the shape of a goose's foot (they belong to the goose foot plant family *Chenopodiaceae*). Sometimes the leaves can be very tiny, about ¼"-1/2" across or they can be up to 2 inches depending on the growing conditions. Usually less water and more sun will result in smaller, thicker leaves whereas regular watering will make the plant have larger more thin leaves like in the picture. The flowers are very small and are in clusters above the plant. The older stems are usually streaked with red, similar to the fish, but also, when the leaves and flowers are crushed it smells just like the 'aweoweo fish too! fo' real! I not joking!



But, you have to crush it first. You don't have to worry about the plant smelling up your yard.

Distribution: 'Aweoweo, the plant not the fish, is found in drier, harsh habitats like near the ocean, in the lowland dry forest or all the way up in the sub-alpine shrub land of the large volcanoes like Mauna Kea. Although its species name is oahuense, this endemic plant is found on all of the main Hawaiian Islands except Kaho'olawe (it was probably found there before) but also on most of the Northwestern Hawaiian islands as well.

Landscape use and care: This plant is bullet proof! It likes full sun, and little to no watering once established. There are also hardly any bugs that attack this plant either. Sometimes you may notice some scale or aphids but this can be easily removed by hand or by spraying off with water.

Cultural Uses: The young leaves and stems are wrapped in ti leaves and steamed to be eaten in times of famine. The harder wood at the base of the plant can also be shaped in to fish hooks so you can catch 'aweoweo with 'aweoweo.

Additional Info: Other names for this plant include: 'Aheahea, 'ahea, 'ahewahewa, alaweo, alaweo huna (Ni'ihau), kaha'iha'i.

Rick Barboza co-owns Hui Ku Maoli Ola, a native Hawaiian plant nursery, with Matt Schirman. Contact him at 295-7777
Rick.ck.barboza@gmail.com

Diary of a Lobbyist

Joy Leilei Shih is a dynamic volunteer with the Sierra Club's Capitol Watch program. She's the Captain of the "Opala" section: monitoring and advocating for bills that reduce Hawai'i's growing waste problem.



Below is a witty summary of her lobbying experiences at the Capitol this year on a bill that would have placed a small fee on most paper and plastic bags given away in the state.

You remind yourself politicians are people who care.

The average person uses hundreds of plastic bags a year. With over a million people in the Aloha State, that's hundreds of millions of plastic bags used for a brief moment before one of a few fates: blowing out over the Pacific, getting stashed with other bags in the kitchen drawer, or being burned at H-Power. Although a plastic bag ban would be ideal and feasible- cities and entire countries around the world have pulled it off- Hawaii's single-use bag offset fee bill, SB 1363 would have placed a small fee on disposable checkout bags, encouraging consumers to bring reusable bags, but leaving the option to take a plastic or paper bag if needed. Such a fee would generate revenue for the State's anemic budget, reduce greenhouse gases from production, transport, and burning of bags, alleviate environmental impacts, and avoid the deaths of millions of marine animals through ingestion and

suffocation by marine debris. In other words, it's a no-brainer.

Eager and bright-eyed, you are unaware that you are about to encounter one of three types of legislators. Let's call them:

Type 1- Against your bill

Type 2- Falsely claims to support your bill, or, supports it but is too - bleep- to publicly support it (functionally equivalent)

Type 3 (theoretical)- Supports your bill, and is willing to see it through

You've managed to finesse an appointment with your Representative or Senator of interest by using the smooth, persuasive technique you've perfected in bars for individuals of interest. You've buttered up the assistants, and probably said something desperate like, "Wednesday at 11:30? Yep, that's perfect, it's right between my two midterms* that day."

Having scrounged up the two more quarters you need from under your car seat for the meter of the unlikely parking spot you found at the Capitol, you reflect on your pitch to the legislator during the eight minute elevator trip just to get to the second or third floor. By minute six, you remind yourself the dungeon-like stairwells are a better option.

And at times, a dungeon-like march is apropos. While some legislators already support the bill or are actually receptive to reason, the focus is necessarily on key legislators with the power to move or stall a

bill, often of the Type 1 or Type 2 variety. Here's how it might go:

"We're asking for your support on SB 1363."

"Ah, yes the plastic bag ban."

"Actually, it's a fee, a more moderate but effective way to address a critical environmental issue, but people still have the choice on whether they want to take a bag or not."

"How will people manage to carry their groceries? And also, small businesses will go out of business."

"Well, folks can bring reusable bags, or they can still choose to take a disposable bag for 10 cents. And businesses will actually save on not having to provide as many bags." "I don't see how it'll work. But I'll think about it. Time's up!"

Or

"Can you share your concerns about SB 1363?"

"We need the plastic bags to burn at H-Power."

"But H-power is already burning at maximum capacity, and Hawaii is trying to move towards renewable sources of energy."

"I'm not going to support something that's going to cause power outages."

Awkward silence.

"Well, I hope you will consider supporting the bill."

You may be searching for a glimmer of hope after a five-meeting losing streak, so just remember, in the event you hear a notoriously unreliable committee chair say, "Yes, your bill

will be heard in my committee!" there is a good chance it's actually Opposite Day.

But, in 2011, the bag bill moved farther than it ever has before, nearly making Hawaii the first to have statewide legislation addressing plastic bags. It raised public awareness, and set the stage to make it likely to happen next year. I feel this wave of zeitgeist coming, and I plan to ride it all the way in.

I never envisioned myself as a lobbyist, until a friend called me just that at the end of the legislative session. I am a scientist and mischievous outdoor lover to the core, and it feels like one day I woke up and by doing something I care about, I had morphed into a lobbyist. Scientists are notoriously bad at articulating thoughts, and what makes me a viable lobbyist is not a law or marketing background, nor any type of compensatory encouragement. Friends and acquaintances fondly dub me as Miss Optimistic (maybe there is a homonym or double entendre in there somewhere), but my life's modus operandi is to wholeheartedly pursue a hope until it literally ceases to exist. Without some form of rose-colored lenses or a strong willingness to persevere, lobbying is probably not your cup of tea. Although at the Hawaii State Capitol, you're likely to be offered a cup of hot chocolate or saimin.

* I was taking graduate-level classes at the time.

Volunteer Opportunities!

- 1. The Sierra Club's Capitol Watch is always looking for new volunteers to either help with reporting on the status of various bills or to help with a campaign to get a green bill passed. Contact Anthony Aalto at abaalto@gmail.com to find out more how you can be involved.**
- 2. The Hawai'i Chapter is looking for candidates to run for the Chapter Executive Committee. Are you interested in advancing (YOUR) Club's mission of exploring, enjoying, and protecting the planet? Do you have a unique skill, experience, or fierce desire to make a difference? Then contact hawaii.chapter@sierraclub.org to find out more.**



Bear in mind the consequences.

The Yellowstone grizzly bear is an irreplaceable part of America's natural heritage, a symbol of the independence that defines the American character and an icon of all that is wild and free. The Bush administration set forth a proposal that would remove federal protection for the Yellowstone grizzly bear. Help Sierra Club protect our forest friends; they prefer the woods than being on display.

Get grizzly and JOIN Sierra Club.

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Nate's Adventures

by Nate Yuen

Native Tree Snails and Happy Face Spiders in the Mokule'ia Forest Reserve

We searched the mesic forests of the Mokule'ia Forest Reserve to search for native tree snails and happy face spiders.

It was a misty and overcast morning as we hiked in Pahole Natural Area Reserve — which was established in 1981 and was carved from the larger Mokule'ia Forest Reserve that surrounds it. Pahole is critical habitat for the endangered O'ahu tree snail, O'ahu 'elepaio, and dozens of rare native plants and animals.



Joining me in the day's adventure was Karen Liliker and Stuart Ball. If the name "Stuart Ball" rings a bell, its because he's the author of "Hiker's Guide to Oahu" and "Backpacker's Guide to Hawaii", the best books for serious hikers and backpackers in Hawaii. I was pleased to have two additional pairs of very capable eyes along with me in the search.

Pahole Natural Area Reserve ranges in elevation from about 1,200 to 2,590 feet and receives an average annual rainfall of 57 to 66 inches — making the reserve a mesic forest. As we made our way along the trail by the fence line we looked on the backside of leaves to look for snails — who usually sleep during the day.



After searching within the foliage for quite some time we were thrilled to find a kahuli or O'ahu Tree Snail (*Achatinella mustelina*) on the branches of an olopuia tree (*Nestigis sanwicensis*). Endemic only to the island of O'ahu, the adult snail was about three-quarters of an inch

long and was primarily brown in color with a white stripe that spiraled up the shell.

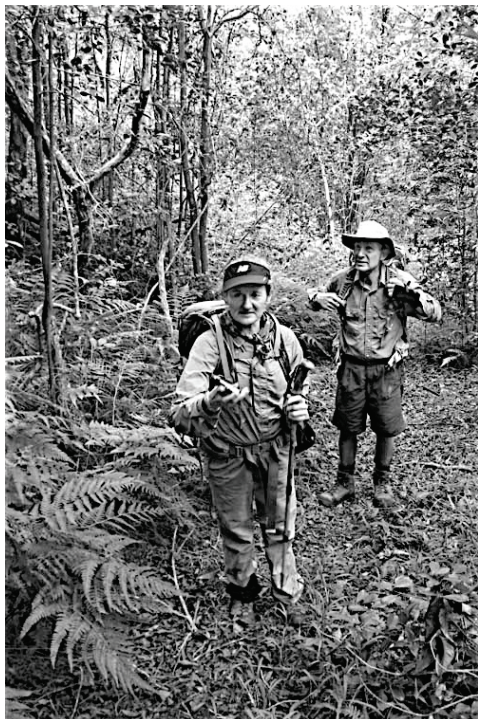


We were thrilled when we saw a smaller snail about half-an-inch long crawling about on the leaves. Although they are mostly nocturnal, kahuli will sometimes come out of their shells during the day — especially when the vegetation is damp from low-lying clouds and early morning mists that condense as moisture on the vegetation.



While watching the kahuli crawl over the leaf, I listened carefully for any sounds the snail might make. According to tradition, kahuli "sing", "chirp" or "whistle", but I did not hear any sound as it glided over the the surface. After watching and listening for nearly 30 minutes I lost patience and we moved on — watching a snail crawl is only a little more interesting than watching grass grow.

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 Hawaii'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.

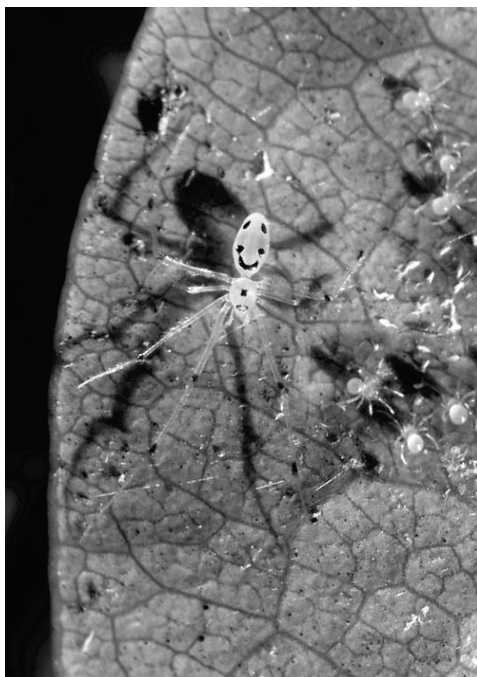


With the kahuli found, the next leg of our adventure was to begin – searching for happy face spiders. As made our way along the trail, we searched for the spiders whose bodies are a little smaller than a grain of rice and have really long thin legs that make the combined length of the spider almost three-quarters of an inch long.

Eagle-eyed Karen Liliker spotted the first happy face spide. Known as nananana maka ki'i in Hawaiian, these spiders (*Theridion grallator*) are endemic to the Hawaiian Islands and can be found on the larger islands. The first spider we saw had 6 dots on its abdomen. There is wide variation in the pattern on the topside of the spider's abdomen — it has been my experience that most of them do not have a smiley face pattern. The pattern on the spider's abdomen is so small that I am only able to tell what the pattern is by magnifying the digital image in the viewer of the camera.



One of the spiders we found, had a much more elaborate black and red pattern on its abdomen, but also did not exhibit a “smiley face”. Unlike the others who remained completely stationary, this spider was more bashful and crawled away to the underside of the leaf whenever we turned in over. So we ended up chasing the spider several times around the leaf.



Karen found a mother spider with baby spiderlings! And the mother had a smiley face on its abdomen — the only

one we would find for the day! Happy face spiders are unique in the spider world in that they are the only spider that protects and rears its young. All other spiders lay eggs and never return — leaving the offspring to fend for themselves. Happy face spiders protect their eggs, catch food for their young, and raise them until they are old enough to survive on their own.



Stuart found two spiders on the backside of a kopiko leaf (*Psychotria mariniana*) which we believe had amorous intentions. They were very close together with their long legs touching when we found them. We suspect we caught them just before they were about to mate.

All in all we found 8 adult spiders one of which had 10 spiderlings on the backside of the leaves. As we made our way back to camp I reflected on our good fortune seeing these cool little critters in the Mokule'ia Forest Reserve and capturing my first video of them in the native forests. What an awesome hike!

Gift Cards, Without the Plastic?

by Brian Foley

Gift cards are all the craze: They're fast, easy, and convenient. But admit it: Plastic is practically a four-letter word.

Don't fret. [GiftRocket](#), a start-up company, takes the card out of gift cards. And the product works [for almost all businesses](#), even those that don't normally offer gift cards. How does it work? Log onto GiftRocket, then choose a dollar amount for a particular place, and name the recipient. Your recipient then gets an email about the gift. With smartphone in hand, the recipient heads to the store or restaurant to redeem your generous gesture via the press of a button. After that, your recipient gets a PayPal credit to cover the cost.

Launched in March, the original idea behind GiftRocket was to give the gift-card concept more flexibility and customization. But now that the service is up and running, it's proving to be a green alternative to gift-giving: "The way we thought about it was that we all had friends in different cities and when their birthdays or graduations came along, we wanted a convenient way to send them a meaningful gift," said GiftRocket co-founder Kapil Kale. "We didn't like physical gift cards

because they get lost or forgotten. I'm pretty sure I have a drawer full of them at home. The eco-friendliness came along with this idea."

One plastic card might not seem like much. But one analysis found that one card with PVC translates into a carbon footprint of 21 grams, or the amount of gas [needed to drive a Hummer 150 feet](#).

Considering that a typical plastic gift card lasts up to only three years before getting buried in a landfill — and the fact that we go through so many of them — the green rap on these plastic pleasures isn't so good.

The gift-card industry rakes in more than [\\$80 billion per year](#). GiftRocket estimates that in the U.S., about 1.6 billion plastic gift cards are produced and shipped yearly, using more than 8,500 tons of PVC. Kale's number-crunching found that gift cards add up to more than 33,000 metric tons of atmospheric carbon — never mind their everlasting lives in landfills.

"Maybe 100 million will be printed for Father's Day," Kale said. "The bigger problem is that people don't even think about the environmental



impact of their purchase, since gift cards are so commonplace."

So if a gift card sounds good as a Father's Day gift, but Mother Nature's voice is ringing in your head, consider cutting the plastic out of the picture.

--Brian Foley

Originally printed on the Sierra Club Green Life website. To find out more go to: <http://sierraclub.typepad.com/greenlife/>

Volunteer Spotlight

The Sierra Club is a volunteer-led organization. The success we achieve each year is because of the tireless efforts of numerous hard-working members. We'd like to spotlight two new interns that are working in the Chapter office -- upcoming faces that hopefully you'll see leading the Sierra Club in the future.

Marina Malomud

Best thing about the Internship:

The best part of the internship is working with people who are really passionate about what they do. The director, volunteers and my fellow intern are committed to protecting the environment and their enthusiasm is infectious. It makes for a great workplace.

Favorite special place outside (and why?):

Makapu lighthouse. There is a nice hiking trail along the water with a beautiful view.

What are you doing during your Internship?

I'm predominantly researching land use and energy efficiency issues, as well as electronic recycling programs, with the intent of suggesting policy to improve on current laws and programs.

Wild Card (Something unusual):

My only sibling is 18 years my junior. He's smart, funny, and wants to be a scuba diver.

Something you'd like to see changed about the world...

I would like to see the end of factory farming, the process of raising livestock in dense confinement.



Jeremy Pollack

Best thing about the Internship:

I learn something new about Hawaii everyday. It's also nice to work in an office with tasty snacks.

Favorite special place outside (and why?):

Waimea Bay, North Shore. It's so different in the winter and summer, but always beautiful. And I still love jumping off "the rock," it never gets old!

What are you doing during your Internship?

Developing a proposal for a more effective legal framework to address beach erosion in Hawaii. Specifically I am looking for solutions that don't involve building seawalls, but rather treat beachfront development as a secondary interest to preserving the beach itself.

Wild Card (Something unusual):

I once met Bono from U2. I was only 10 years old at the time and didn't really appreciate how cool that was!

Something you'd like to see changed about the world...

I'd like to see the world get serious about eliminating extreme poverty. I think the international community can do much more to provide immediate relief to the most desperate populations. Simple things like investing in cheap and portable water filters or more energy efficient cookstoves could make all the difference.



Capitol Watch Shines

Continued from page 1

baseball. Right after the end of the Legislature, I sent out an email that summarized the situation like this:

House leadership, for some reason, wanted to pass a tax on high-income pensioners. Accordingly, the House Committee on Finance refused to sign off on a number of bills. Most observers concluded this was intended to force the Senate to agree to the pension tax.

The Senate refused to go along. And to increase the pressure, the Senate announced all bills needed to be finished before 6:00 pm on Friday, May 6th or the Senate would stop negotiating.

This type of grandstanding has occurred before. When the 6:00 pm deadline passed, most observers assumed that one side or the other, (House or Senate) would blink and a bulk of the bills in conference committee would then be passed.

To the shock of many, when the two budget committees came back at 9:30 pm they had only passed four or five revenue bills (not including the tax on pensions) and promptly declared the session over. Numerous bills that had been held up by the House leadership simply died.

This result was simply stunning. Critical bills died without so much as a whimper. Bills like the one that would have reallocated income from the barrel tax to fund clean energy programs and a bill

to charge small fees to fund the Office of Environmental Quality Control, a chronically underfunded and understaffed agency. Bills like the popular proposed fee on paper/plastic bags, which would have provided a big new revenue source as well as create a big environmental benefit. Hordes of lobbyists were seen walking around the capitol in a daze.

So what can we do? In the short term, I suggest attending any community meetings your legislator might offer. The Sierra Club is attempting to partner with several other community organizations to give you opportunities to meet with your legislator over the summer. Ask your legislator why your favorite bill didn't pass? Legislators tend to be very reactionary. If constituents are asking about a particular bill, they're much more likely to pay attention to it next year.

Who should be held accountable? At the end of the day, every legislator owes some responsibility for the failure to move any meaningful environmental legislation. While we had some terrific champions for the environment, like Representative Cynthia Thielen and Senator Mike Gabbard, the reality is the overall group didn't do enough. So don't let your legislator off the hook. Push them and ask what they'll do to get your bill passed next year.

For next year, we'll be building upon the Capitol Watch program and creating more ways for you to participate, so as to ensure more good environmental bills are passed.

GOOD NEW LAWS:

- **Hand-pounded poi (SB 101)**

Allows for the preparation and sale of hand-pounded poi. Exempts the product from certain Department of Health requirements regarding food safety, if the produce complies with health rules.

- **Conservation and Resources Enforcement Special Fund (HB 1082)**

Establishes the Conservation and Resources Enforcement Special Fund in the Department of Land and Natural Resources for the purpose of setting aside moneys to be used toward the protection of the State's natural, cultural, and historic resources.

- **Renewable Energy (SB 1482)**

Allows the PUC to consider the benefits of capital improvements for renewable energy and energy efficiency despite the short-term expense. Requires the PUC to consider the need to reduce the State's reliance on fossil fuels.

GOOD BILLS BEFORE THE GOVERNOR:

- **Light Pollution (SB 1493)**

Requires every new and replacement outdoor light fixtures to be fully shielded beginning on July 1, 2013, with certain exemptions. Specifies that replacement of existing roadway lighting may be partially shielded under certain conditions.

- **On-Bill Financing (HB 1520)**

Directs the Public Utilities Commission (PUC) to investigate an On-bill Financing Program (Program) for residential electric utility

GOOD BILLS THAT FAILED TO PASS

customers to finance purchases of energy efficient or renewable energy devices and systems through their regular electric utility bills. Authorizes PUC to implement a Program by decision and order or by rules if the program is found to be viable.

- **South Kona Wilderness Area (SB 1154)**

Establishes the south Kona wilderness area on the island of Hawaii to preserve vulnerable visual, natural, biological, and historical aspects of South Kona.

- **Photovoltaic-Ready New Residential Homes (SB 181)**

A substantially weaker version than the original, which simply required new homes to be "PV-ready." The weakened version creates a working group to study the feasibility of this bill.

BAD NEW LAWS:

- **Special Management Areas (HB 117)**

Increases the threshold between a "minor" and "major" permit from \$125,000 to \$500,000. Minor permits are rarely disclosed to the public in time for any meaningful discussion, thus potentially resulting in more projects built near the shoreline without public participation.

Adds single-family homes for review under the coastal zone management act (yay!), but limits this addition to homes that are bigger than 7,500 square feet. That's such a big number that it's unlikely this new clause will ever be triggered.

- **Public Lands Development Corporation (SB 1555)**

Creates a Public Land Development Corporation empowered to select state land to be set aside for development. No cultural or environmental voice or oversight.

- **Funding the Office of Environmental Quality Control (SB 699)**

Implements the Environmental Review Working Group recommendation to establish a special fund to support the Office of Environmental Quality Control from small fees on documents submitted to the agency. The OEQC is tasked with reviewing environmental documents and servicing as the public liaison on environmental matters. Historically, the Office has been crippled by a severe lack of funding. Increased support will help improve Hawaii's environmental review process, to the benefit of both businesses and the public-at-large.

- **Food Sustainability Standards (SB 1145)**

This measure created a vision of food self-sufficiency and sets metrics to ensure compliance over time. Specifically, it requires the State to produce: (1) Twenty per cent of net food sales by December 31, 2020; (2) Thirty per cent of net food sales by December 31, 2030; and (3) Fifty per cent of net food sales by December 31, 2040. It also ties one of the biggest hinderances to food self-sufficiency -- lack of available land -- to the actual production of food. Failure to achieve the State's standards would impose a temporary moratorium on large agricultural land developments until the standards were achieved.

- **Offset Fee on Single Use Bags (SB 1363)**

Created an offset fee for the use of all single use bags (whether paper or plastic) and incentivizes retail stores to encourage the use of less impactful bags. An offset fee smartly creates a direct market reflection of the actual economic and environmental costs created by the abuse of single-use bags in Hawai'i. Single use bags simply are not in Hawai'i's sustainable future and smart efforts should be made to discourage their continued use.

- **Energy Efficient TVs (HB 1346)**

Televisions are one of the largest unregulated appliances in the home and represent approximately 10% of overall residential electricity use. Many folks would be startled to discover that many large televisions consume more electricity than a refrigerator. This measure required all new TVs sold in Hawaii to meet EnergyStar standards. It had the potential to save annual electric bill savings of around \$50,000,000, power savings of 20 MW per year, and the prevention of more than 74,000 tons of CO2 per year.

- **Improving the Bottle Bill (SB 178)**

Extended the deposit beverage container program to include dietary supplements (most energy drinks, like Monster, Red Bull, etc., are technically not in the program even though they may sometimes be labeled "HI5"), hard spirits, and wine containers. Hawaii's bottle law has proven to be an overwhelming success for Hawaii's environment, with over 930 million bottles and cans diverted from Hawaii's landfills annually. However, millions of bottles and containers are not being recycled annually (according to numbers provided by the industry, approximately 21,917,760 bottles of wine were sold in Hawaii in 2009). Including these items into the proven and successful HI5 program would reduce the amount of opala going into our landfills, produce additional green jobs, and recycle more of these reusable resources.

- **Native Plants in Public Landscaping (HB 378)**

This bill requires the use of native plants in all public landscaping with certain limited exemptions (such as the use of turf, where no native substitute exists). Advocates for this bill opined that it would perpetuate Hawaii's culture and sense of place, advance the cause of rare plants found nowhere else in the world, and create new local jobs. Buildings that form the center of our communities -- like schools and libraries -- and the roads that we travel on could celebrate and perpetuate the unique biota that underlies much of Hawaiian culture.

O'ahu Group Report

O'ahu Group (SCOG) was extremely busy during the early parts of the 2nd quarter of 2011 - - breaking for various graduations, and professional reasons during much of May.

The highlight of SCOG was a weekend session at Richardson Law School facilities led by Greg Casini of the SIERRA CLUB. Greg is an effective "focus" person in leading the group through a carefully-crafted process of creative, relevant strategic planning. So many organizations are vague about their "vision" (why are we here and what if we were not?). Thus "mission" (goals, objective, projects) are scattered and perceived as busy work. On the other hand, large-scope and long term "missions" for Sierra Club O'ahu Group are not easily explained, defined, nor "sold" to the Membership as an on-going effort....in other words, "the really big picture items" are a hard sell.

One feeling of SCOG Executive Committee is that the energy which draws and impels hikers and outings enthusiasts is rarely focused on environmental issues and support from those who enjoy outings.

In other words, many are drawn to the "Explore and enjoy" aspects of Sierra Club while not being drawn to "Protect" activities. SCOG Outings Chair is Randy Ching, a veteran and passionate outings leader of long and good standing; he will be active in helping SCOG ExCom find ways to be involved in and work on projects relating to outings.

Executive Committee Member Anthony Aalto has consistently and with good articulation kept SCOG focus on "livable O'ahu in the 21st Century:"

- The need to preserve and protect agricultural lands, open space, parks, and beaches,
- The need to rethink density from the "single-family-detached-dwelling" model to cluster, high rise, garden, and townhouse styles,
- The need to support true RAPID mass transit (TheBus offers mass transit currently, but buses are usually stuck in traffic),
- Water sourcing, use, and recycling,
- Energy dependence on oil to begin an actual decline,

The list is longer but not necessary here.

SCOG Executive Committee is considering one or two very specific, down-to-earth projects/issues which could be undertaken with measured progress over the coming 18-24 months. At press time, the SCOG ExCom Meeting of 01 June has not been held yet and no definitive announcement nor pronouncement is in order.

The old adage about "the goal of all organizations is to deliberate, investigate, debate, etc., but when up to your backsides in alligators it is often difficult to talk about draining

the swamp," applies to SCOG ExCom:

There are at least a dozen projects, on our table or knocking at our door at present. Many want time to share their mana'o on RAIL, Waikiki Beach, Ho'opili, Koa Ridge, bees, axis deer, and the ever-present issue of Kaka'ako Makai and knock on our "door" weekly by asking Robert if they could come and talk a bit.

The current Executive Committee is a delightful blend of the old and new, young and experienced, and a shared commitment to making O'ahu a Livable and environmentally respectful urban space in the 21st Century.

Respectfully,
Sierra Club O'ahu Group

Oahu Group Executive Committee

Call for Nominations!

The Oahu Group is looking for energetic folks interested in serving on the Executive Committee. If you would like to participate in steering the future of YOUR Club, please contact Anthony Aalto at abaalto@gmail.com to learn more.

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 only permitted at breaks and then only if the smell of smoke cannot be detected by other hikers. Outing Leaders may prohibit smoking if, in their judgement, a fire hazard exists.

Bring with you: a liter of water (2 liters for strenuous hikes), lunch, sunscreen, insect repellent, rain gear/jacket and day-pack. Boots, shoes with traction grooves (heeled footwear are best; 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 interests 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.



Explore, enjoy and protect the planet

A Will is a Way

Make a commitment to the next generation by remembering Sierra Club in your will. Your support will help others preserve the intricate balance of nature

Sierra Club
Gift Planning Program

85 Second St, Second Floor • San Francisco, CA 94105
(800) 932-4270 • gift.planning@sierraclub.org

O'ahu Group Outings

See Page 13 for what to bring and general hiking instructions

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

Saturday, July 2

Niu Valley Service Project (S)

2 mi/Moderate/Ridge/Niu Valley

Protect the native Hawaiian ulei plants on the mid ridge of Niu Valley. Realignment of the trail along the east edge of the ridge through the ironwood trees will provide a more scenic and enjoyable trail while saving the ulei. Bring your favorite sawing, trimming, or pruning tools! Clyde Kobashigawa 262-6092, John Shimogawa 227-9925

Sunday, July 3

Waimano Ridge (F)

15 mi/Strenuous/Ridge/Pearl City

This long and challenging trail was built in the 1930's by the CCC and offers rewarding views at the Koolau summit. The upper portion of the trail is almost completely native forest. Randy Ching 942-0145

Saturday, July 9

Kawai Iki (F)

4 mi./Moderate/Valley/North Shore

This is a hike through the scenic center of Oahu. After enjoying the view from a ridge overlooking Kawai Iki, we'll hike down to an irrigation ditch and follow it along a contour route that takes us back into the valley to the catchment dam. We'll criss-cross the stream and go further back into the valley to a pool where we can swim and cool off. Ed Mersino 223-5765

Saturday, July 9

Ala Wai Boat 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, thick rubber gloves, sunscreen, and water. All participants under 18 must have a waiver signed by their legal guardian to participate. Please contact the leader for the waiver. Closed toe shoes only. Deborah Blair 955-4168, asst. Joanna Alexander

Sunday, July 10

Beginner hike: Manoa Cliff Trail (partial) (F)

Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring a liter of water, snack, raingear. Sunscreen, hat, insect repellent recommended. For those who have not hiked in a long time or would like an easy hike.

Randy Ching 942-0145, asst. Roxanne Villanueva

Sunday, July 10

Likee from Ho'omaluhia Botanical Gardens (F)

7 mi/Moderate/Valley/Kaneohe

Meet at Ho'omaluhia Botanical Gardens in Kaneohe at 9 a.m. after the gate opens.

We'll park at Pa Launa parking area; it is the very next lot after the Visitor Center parking lot, on the left. Note: the sign is partially obscured by bushes. We will start the loop from the park, and ascend 400 feet toward the Koolaus. Trek through varying forest conditions with native and introduced plants, and views of Kaneohe Bay. Lunch is at the waterfall near the Koolau golf course. Colleen Soares 748-9215, Sherine Boomla 527-8034

Saturday, July 16

Lulumahu Falls (F)

3 mi/Moderate/Valley/Nuuuanu

We'll hike to a waterfall and pass by Kaniakapupu, the ruins of the summer palace of King Kamehameha III and his queen, Kalama. There is a brief scramble over large rocks just before the falls. Mel Yoshioka 224-3765

Sunday, July 17

Keahi a Kahoe (F)

12 mi/Extremely strenuous/Valley, ridge/Moanalua

Meet at 7:30 a.m. NOT FOR THOSE UNEASY ABOUT HEIGHTS. We'll start in Moanalua Valley, turn up a side ridge to Tripler Ridge, hike along the Koolau summit for half an hour with incredible views, go to the top of Haiku Stairs for lunch, descend Middle Ridge, and return to our cars along the jeep road. A long, rewarding hike that ends at sunset. Randy Ching 942-0145

Photography hike: Liliuokalani Garden (E/F) Reservations required. The pace of photography hikes is extremely slow. Named after Hawaii's last reigning monarch, Lili'uokalani Botanical Gardens is centrally located in lower Nu'uuanu valley. Nu'uuanu stream and Waikahalulu falls are favorite subjects among professional photographers and photo enthusiasts alike. The garden plantings consists of many interesting native Hawaiian plants in a natural setting. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925, asst. Marie Laberge

Saturday, July 23

Pahole NAR (F)

9 mi/Moderate/Valley/Mokuleia

A 3.6 mile road walk starts in the Mokuleia Forest Reserve parking lot and passes through Peacock Flats campground. We then hike the Mokuleia Trail for a mile and end up in Pahole Natural Area Reserve. Randy Ching 942-0145, Mariza Silva

Sunday, July 24

Sierra Seminar: Aiea Ridge (partial) (E/F)

5mi/Moderate/Ridge/Aiea

Wet ridge trail, off the Aiea Loop Trail with many native plants and beautiful scenery. Clyde Kobashigawa 262-6092, Stan Oka 429-9814, John Shimogawa 227-9925.

Sunday, July 24

Wiliwilinui Ridge (F)

5 mi/Strenuous/ Ridge/Waiialae Iki

A short but steep ascent takes you to the Koolau summit and spectacular views. Jean Fujikawa 203-8508, Ed Mersino 223-5765

Sunday, July 31

Kokokahi (F)

3 mi/Moderate//Ridge/Kaneohe

Beautiful panoramic views of Kailua's Kawainui Marsh on one side, Kaneohe on the other side, and the Koolau mountains ahead. This ridge hike begins at the Friendship Garden and ends at the Kawaewae Heiau in Kaneohe. Car pooling and shuttle is required due to the limited parking at the beginning and end of the hike. Randy Ching 942-0145, Clyde Kobashigawa 262-6092

Saturday, August 6

Kaipapau Valley (F)

8 mi/Strenuous/Valley/Hauula

This hike is a long stream hike with over 3 dozen stream crossings before we just rock hop up the stream bed. The gulch has 300 foot high sides and our hike ends at a waterfall and pool. Ed Mersino 223-5765 or mersino@hawaii.edu.

Sunday, August 7

Niu Valley Mid Ridge Partial Hike (E/F)

5 mi/Moderate/Ridge/Niu Valley

Scenic ridge trail with many native plants and maybe some native birds. Bring lots of water, lunch, and camera. Clyde Kobashigawa 262-6092, John Shimogawa 227-9925, Stan Oka 429-9814

Saturday, August 13

Ka'ala Kipuka (S)

Help Recreate a Native Hawaiian Dry Forest with Ka'ala Farm Please meet us at 8:30 a.m. (sharp) in the Center's parking area. Email

O'ahu Group Outings

kaalafarm@gmail.com for questions.

Directions/map to the Ka'ala Kipuka can be found on KFI's website: <http://www.kaalafarm.org>

Help remove alien plants and plant native trees with us. Minimum age for this event is ten years old; youth less than 15 years old should be accompanied by guardian. Please wear closed-toe shoes (NO slippers!) and work-clothing (you will get a bit dirty). Also, please bring a bottle of drinking water with you. After the work, there will be a mini-tour of the Cultural Learning Center for those that want to stay. Bruce Koebele 696-4954

Saturday, August 13

MCBH Kaneohe Bay Service Project (S)

2 mi/Moderate/Coast/Kaneohe

Reservations required. Call Annette Kaohelaulii at 235-5431 by August 11. Marine Corps Base Hawaii, Kaneohe Bay has an award-winning environmental program. Help clear a wetland of mangrove plants to create habitat for Hawaii's endangered water birds. Because MCBH is a secured military facility, we must provide your name to the base in advance, and we will send you a waiver, which you must bring with you. Deborah Blair 955-4168

Sunday, August 14

Photography Hike: Kawainui Dike Road and Na Pohaku O Hauwahine (E/F)

2 mi/Easy/Kailua

Reservations required. The pace of photography hikes is extremely slow. Flat, easy walk with panoramas of Kawainui Marsh and Koolau vistas. John Shimogawa 227-9925, Stan Oka 429-9814, Clyde Kobashigawa 262-6092

Friday - Sunday, August 19 - 21

Kahaulea Natural Area Reserve, Big Island (this trip requires a Thursday night departure)

Leaders: Deborah Blair 955-4168,

deborahblair1@mac.com; Clyde Kobashigawa 262-6092

We'll be working with NARS (Natural Area Reserve System) clearing a new 5-acre fenced enclosure. The work for the weekend will be eradicating Kahili Ginger and Faya Tree. This is a new enclosure and when it's cleared, we'll be able to fill it with native plants.

Accommodation will be at a comfortable house in Hilo at the NARS baseyard.

Sunday, August 21

Maunawili Falls (F)

5 mi/Moderate/Ridge/Maunawili

After a long road climb, take a steep trail up

with great views to the Maunawili Demo Trail. From there it is an easy stroll to the Maunawili Connector. You'll even be able to see Rabbit Island and the towering Ko'olau Mountains. We then descend rapidly to the Maunawili Falls Trail and return via an easy but muddy trail with several stream crossings. Richard Bailey 723-2213

Beginner hike: Pu'u Ualaka'a (F)

Meet at Church of the Crossroads at 9 a.m.

Wear closed-toe shoes with good traction.

Bring a liter of water, snack, raingear.

Sunscreen, hat, insect repellent recommended.

For those who have not hiked in a long time or would like an easy hike. Randy Ching 942-0145, asst. Roxanne Villanueva

Saturday, August 27

Leader training and OLT 101 at Ho'omaluhia Botanical Garden from 9:30 a.m. to 3:30 p.m.

For leaders and trainees.

Gwen Sinclair 753-0528, Bob Keane 623-3208

Sunday, August 28

Mt. Olympus (F)

6 mi/Strenuous/Ridge/St. Louis Heights

Following the ridge from Wa'ahila State Park, we will end up on this colossal peak between Mānoa and Pālolo valleys, with great views of the windward side of the island. Gwen Sinclair 753-0528

Sandy Beach Cleanup (S)

1 mi/Easy/Shoreline/East Oahu

Meet at 8:30 a.m. at Sandy Beach bathroom at eastern side of beach park. Cleanup along highway and coastal areas until 10:30. Call Tred (394-2898) for information. Bags, gloves provided. All participants under 18 must have a waiver signed by their legal guardian to participate. Please contact the leader for the waiver. Closed toe shoes only. Deborah Blair 955-4168

Sunday, September 4

Makapuu Scramble (F)

4 mi/Strenuous/Ridge/Makapu'u

Slip, slide and scramble around the lighthouse road, across loose crumbly lava, crawling inside WWII bunkers and balancing above Sea Life Park to see spectacular views of Oahu's Waimanalo coastline, Koko Crater and even Koko Head. Bring gallons of water, tubs of sunscreen and a sombrero. Not for those scared of heights. Richard Bailey 723-2213

Sunday, September 11

Kuaokala (F)

7 mi/Moderate/Ridge/Makaha

Reservations required by Sept 2. This is a great hike along the Waianae Range that provides wonderful views of Makua Valley and west Oahu. Not for those uneasy about heights. Colleen Soares 748-9215.

Sunday, September 11

Manoa Cliff Trail to Pauoa Flats Hike (E/F)

3 mi/Easy/Contour/Tantalus

Contour trail with many native plants and scenic views of Manoa Valley and looking into Nuuanu Valley. Be prepared with raingear. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925, Marie LaBerge 545-1252

Saturday, September 17

Kuliouou Sidedoor extended loop (F)

8 mi/Very strenuous/Valley, ridge/Kuliouou

A new Sierra Club hike that combines parts of Kuliouou Sidedoor, Kuliouou Ridge and Mauna O Ahi. A real loop trail, we do not retrace any part of the hike. Great views along the Koolau Summit. Randy Ching 942-0145

Sunday, September 18

Kuliouou Ridge (F)

5 mi/Strenuous/Ridge/Kuliouou

Lots of switchbacks and a gentle grade up to the shelter. Enjoy great views of Waimanalo from the Koolau Ridge after you've made the final steep ascent. This popular trail has been markedly improved by the addition of 150 steps recently put in by Sierra Club volunteers. Jean Fujikawa 203-8508, asst. Joanna Alexander

Sunday, September 25

Hawaii Loa Ridge Partial Photography Hike (E/F)

2 mi/Moderate/Ridge/East Oahu

Reservations required. Meander through impressive native forest as you climb the ridge overlooking Aina Haina and Niu Valleys and see the scenic panoramas of East Oahu. Clyde Kobashigawa 262-6092, Stan Oka 429-9814, John Shimogawa 227-9925

Beginner hike: Kalawahine (F)

Meet at Church of the Crossroads at 9 a.m.

Wear closed-toe shoes with good traction.

Bring a liter of water, snack, raingear.

Sunscreen, hat, insect repellent recommended.

For those who have not hiked in a long time or would like an easy hike. Randy Ching 942-0145, asst. Roxanne Villanueva

Kaua'i Group Report

By Judy Dalton

Wailua River and Hanalei River Hydroelectric Projects

SC submitted testimony to FERC (Federal Energy Regulatory Commission) in opposition to Free Flow Power's (FFP) preliminary permit applications to study the feasibility of hydropower dams for the Wailua and Hanalei Rivers. SC's opposition to the proposed projects was based on the fact that both proposals have been studied extensively in the past and were shown to have significant environmental, cultural and other impacts.

Kaua'i Island Utility Cooperative (KIUC) has since acquired FFP's rights to the preliminary permits and has explained at community meetings that the descriptions in the project applications were "placeholders" and that the actual proposals may be significantly different. If that is true, SC will evaluate, without bias, the revised proposals as they are made available. SC does not oppose hydropower projects that would protect the environment and respect cultural, recreational and community values.

Currently, six distinct hydro projects are being explored by KIUC. The process of defining each of the projects and examining the impacts of each will be lengthy. At this time, the debate is focused on the question of whether approval authority should belong to the federal government or to the State of Hawai'i.

Larsen's Beach Lateral Trail Fenced Off

The coastal trail along Kaua'i's northeastern coastline through the ahupua`a of Lepeuli is now blocked. Fencing was installed in April by Waioli Corporation's lessee, Paradise

Ranch, to extend cattle grazing operations from the plateau, down the eroded hillside adjacent to Larsen's Beach, seemingly contrary to the protections afforded to land zoned as Special Management Area by the county.

SC believes that blocking the trail fails to honor the prescriptive rights of the public and the traditional and customary rights of Native Hawaiians who traveled along the historic *ala'oa* (coastal trail) for generations both to access the ocean and to transit between kuleana lands. DLNR has recognized that the connecting trail segments at both ends of the Lepeuli ahupua`a property are public. Legally, a landowner cannot close off access to a trail or road formed prior to 1892.

In February, the Kaua'i Group submitted a formal complaint to the State Office of Coastal and Conservation Lands (OCCL) requesting that they investigate the installation of fence posts on Conservation District land without a use permit. No response has been forthcoming. We also requested a boundary interpretation from the Land Use Commission in early February since state law requires a Conservation District (CD) boundary interpretation for any work within 50 feet of the CD. We anticipate that their findings will show that the fencing, particularly near the trailhead, is encroaching at least 75 feet into the CD in violation of permitting regulations.

Draft Environmental Assessment (DEA) for an After-the-Fact Conservation District Permit - Secret Beach Properties, LLC

In April, SC wrote extensive comments urging the Board of Land and Natural Resources to reject Conservation District Use Application CDUA-KA-3586 for trails that were constructed without

permits throughout 23-hillside acres fronting Kauapea Beach, also known as Secret Beach.

The subdivision of former Kilauea Plantation land has resulted in the privatization of trails and beach access. This recent trail work created a private, commercial resort amenity for the luxury vacation rental homes that abut the CD, built on contiguous agricultural-zoned parcels owned by the applicant. These vacation rentals are marketed as offering private access to Secret Beach and the two-miles of non-permitted trails have been offered as an easement for sale to neighbors.

In order to not reward the applicant's willful violations of State regulations and to discourage other landowners from circumventing these rules, SC made a two-part recommendation. First, that the permit be denied and the land be restored to its former, undeveloped state. Or, as a condition of permit approval, a public pedestrian access easement or right-of-way through the Conservation District to Kauapea Beach must be secured in perpetuity. This would restore historical access for the public and ensure that the Conservation District trail use is not used solely for commercial purposes.



New fence blocking traditional access to Larsen's Beach

Kaua'i Group Outings

Join us on one of these great outings to explore, enjoy and care for our island.

Mileage is round trip unless otherwise indicated. Requested donation for members and participants under 18:\$1. Donation for others: \$5. Outings Classifications: (C) Conservation/Interpretive (E) Educational (F) Family/Fun (S) Service. For more information check our website:

www.hi.sierrclub.org/kauai

Sun. July 3 Okolehao/Northshore/ Strenuous/ 4 miles. (C/E) An afternoon hike up a trail that climbs 1200 feet along a ridge behind Hanalei. Enjoy beautiful, sweeping views of Hanalei Bay and the North Shore. Kathy Valier 826-7302.

Sat. July 9 Kealia Beach Clean up, picnic and swim. East Shore/Easy. (S/F) Thanks for helping us keep our beaches clean. Freeing beaches of litter is about more than making a beach attractive. It also protects the wildlife, the reef, and ocean. Afterwards, we'll enjoy our newly-cleaned beach with a picnic and a swim. Vivian Hager 652-3234.

Sun. July 10 Alakai Swamp/ Koke'e/ very strenuous/7 miles. (C/E) Mountain rain forest rising 4,500 above sea level. See primeval habitat with a variety of native plants & birds made accessible with the construction of boardwalks Sierra Club helped create. Four wheel drives needed to carpool to trailhead. Jane Schmitt 826-6105

Sun July 17 Maha'ulepu/South shore/C/E/ F /moderate/ 2.5 miles. Spectacular coastal walk with stunning views along the majestic, rugged ancient sand-dune area of Maha'ulepu. Visit the fantastic sinkhole/ cave archeological site. Allan Rachap 212-3108

Sat. July 23 Kalepa Ridge/Strenuous /East side/8 miles (F) Enjoy sweeping coastal and valley views along the ridge which continues the Sleeping Giant range from Wailua River to Hanama'ulu. Kathy Valier and Misha Mintcheff 246-6168

Sat. July 30 Base of Nonou (Sleeping Giant) / Moderate/East side /3.5 miles (E/ F) Walk in mostly shady forest, with ferns, hala, birdsong, and sweeping views. Great

reward for moderate effort. Karen Tilley 821-8008

Sat. Aug 6 Kalepa Ridge/Strenuous /East side/8 miles (F) Enjoy sweeping coastal and valley views along the ridge which continues the Sleeping Giant range from Wailua River to Hanama'ulu. Misha Mintcheff 246-6168

Wed. Aug 10 Nonou (Sleeping Giant) Conservation Service Project. 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

Sat. Aug 13 Kuilau Ridge Trail. East side/ Moderate/3 miles.(E/F) Lush mountain and sweeping valley views. Great reward for moderate effort. Vivian Hager 652-3234.

Sun. Aug 14 Limahuli Gardens restoration work/hike, North Shore/ moderate/ 2miles. (S/C/E) Help restore some of Limahuli Gardens selected areas by weeding invasive species and out planting natives & then hike to a beautiful waterfall at the back of the valley. Sierra Club Members only. Limited to 15 participants. Jane Schmitt 826-6105 and Frank Whitman.

Sun. Aug 21 Makale'ha Falls/East side/ Strenuous/4 miles. (C/E) Follow an unmaintained route through lowland rain forest to a hidden waterfall. Treacherous footing, rock hopping, clambering. Tabi footwear required. Kathy Valier 826-7302.

Sun. Aug. 28 Maha'ulepu/South Shore/ moderate/ 2.5 miles. (C/E/F) Spectacular coastal walk with stunning views. Visit the fantastic sinkhole/cave archeological site. Allan Rachap 212-3108

Sun. Sept 4 Kalalau trail to Space Rock/ North shore/ very strenuous/ 8 miles. (C/E) Famous North shore trail offers stunning coastal views of Na Pali & we hike to high point on the trail & return to Ke'e beach. Jane Schmitt 826-6105

Fri. Sept 9 National Tropical Botanical Gardens Full Moon Walk. South Side/ Moderate/2 miles. (C/E) Hike and learn about propagation of native plants in lovely gardens, plus volunteer service. Sierra Club

members only. NTGB requires 1 advanced reservations plus 2 hours of volunteer help in the Gardens. Bob Nishek 346-0476

Sat. Sept 10 Maha'ulepu Sunset to Moon Light Walk/South Shore/ Moderate/3 Miles. (C/E/F) Start out in late afternoon from Shipwreck Beach to Maha'ulepu to enjoy the sunset and an almost full moon over the glistening ocean. Spectacular coastal walk. We'll shuttle cars to make this a leisurely one way hike. Judy Dalton 246-9067

Sun. Sept 11 Honopu trail/ Kokee/ strenuous/ 3.5 miles. (C/E) Ridge hike in Koke'e with panoramic views down Na Pali coast & stunning views into remote Honopu Valley. Jane Schmitt 826-6105

Wed. Sept 14 Waimea Canyon Road Clean Up. (S) Afternoon clean up of Sierra Club's adopted highway (2 miles) requires a little over an hour. Please help keep the gateway to Waimea Canyon litter-free. Bob Nishek at 346-0476.

Sat. Sept. 17 Maha'ulepu Beach Clean Up South Shore. International Coastal Clean Up 25th Anniversary (C/E/S Sierra Club, Malama Maha'ulepu & Surfrider team up to keep this majestic beach looking beautiful. Follow Poipu Road past the Hyatt on dirt road. Drive to T-intersection and turn right. Continue past entry gate to parking area and look for banners. Beach cleanup starts at 9AM and continues to noon. Afterward enjoy the newly-cleaned beach. Bring hat and water. Bags, gloves & refreshments provided. Mahalo for helping! Jeff Vesci 755-5587 and Judy Dalton.

Sun. Sept 18 Canyon Loop/Koke'e/ Moderate/estimated 3.5 miles (C/E) A loop hike connecting the Canyon Trail with an unmaintained trail. Stunning canyon views. Kathy Valier 826-7302.

Sun. Sept 25 Ho'opi'i Falls/ East Side/3 miles/moderate. (E/F) You'll be in for a delightful surprise discovering this forest trail along a river featuring two beautiful waterfalls. Frank Whitman 808-443-4315 (please dial 808 first) and Judy Dalton 246-9067.

Key: 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

Maui Group Report

For the complete Maui Group Newsletter, please go to www.mauisierraclub.org and click on "Newsletters" and for the latest on hikes and activities, please click on "Hikes and Activities."

Sierra Club Maui had educational Earth Month displays at Whole Foods Market, the East Maui Taro Festival and Earth Day at Ke'opuolani Park amphitheatre during April and May. Mahalo to volunteers Michael Duberstein, Nancy Mc Pherson, Daniel Grantham, Neola Caveny. and Lucienne de Naie who helped at the various events. Maui Group also participated in an Earth month Water Warriors promotion with Aveda salons in Maui.

Maui Group members have been gathering input on the various Big Wind and interisland cable projects proposed for Maui County. This is a complex issue and the group wants to understand the various options to help inform the Hawaii Chapter comments on future environmental documents.

UPDATES ON MAUI CONSERVATION ISSUES- April-June 2011

Ma'alaea Harbor Expansion: Work has begun on much needed repairs to the harbor's docks, roads, electric system and public facilities. Maui Group supports these efforts and continues dialogue with Army Corps representatives and Save Maalaea allies to shape a community driven plan for any additional Harbor modifications.

North Shore Heritage Park & Hookipa Expansion: MG members are consulting on Archaeological studies for the proposed Paia Reliever Road route. These studies will greatly increase the knowledge of cultural resources that can be incorporated into the Heritage Park plan. MG will continue to advocate for appropriate park areas for both Baldwin beach and Ho'okipa in Maui Island Plan

update. MIP maps will be reviewed by the County Council in August-September of 2011.

North Shore Bikeway: A recent public meeting has announced that the last section of the bikeway, connecting the route from Kanaha Beach park to the completed section fronting Baldwin Beach park and the Pa'ia Youth and Cultural Center, will be built along Hana Highway. This ends a decade long debate with Spreckelsville residents and others such as MG who wanted protection for the dune areas makai of Maui Country Club.

East Maui Streams: Despite severe staff shortages, the state Water Commission is moving forward with designs to create bypass routes for native stream life through existing diversions on several East Maui streams. Will these limited pathway areas help boost native species survival? East Maui communities continue to monitor the effects..

Na Wai Eha Stream Restoration: Earth Justice, on behalf of several Maui groups recently asked the Hawaii Supreme Court to hear their appeal of the 2010 Water Commission decision to restore only 14 mgd of water to two Na Wai Eha streams. Left out were Iao and Waikapu streams. USGS studies show appropriate levels of stream restoration will prolong the life of Iao aquifer, source of 50% of Maui's public water supply. The court is expected to decide this year if it will hear the case, or refer it to the Intermediate Court of Appeals.

Water Use and Development Plan (WUDP): Maui County Council adopted the WUDP for Central Maui late in 2010. The Plan puts strong emphasis on conservation and reuse of water resources. Plans will also be done for the Upcountry, Hana, Lanai, Molokai and Lahaina water systems. A major USGS study on Lahaina

groundwater resources has been completed and will be released soon.

Hamakuapoko Wells: Any future use of two county wells with elevated levels of agricultural chemicals DBCP, EDP and TCP remains unknown. The Arakawa administration has expressed a desire to swap the well output for more EMI stream water.

Sustainable Ag: School and community garden programs are expanding on Maui. Major questions remain to be answered regarding future use of former plantation lands and HC&S lands still in sugar production.

Renewable Energy

Two renewable energy projects are being proposed for Ulupalakua ranch lands: Auwahi Windfarm and test wells for a potential geothermal facility above Kahkili Highway East of Kanaio. Both have promised to deliver clean energy, but there are unresolved issues of material transport roads and impacts to native plant habitat and cultural sites that MG and others continue to monitor.

A pumped storage facility utilizing dams and reservoirs around Maliko Gulch has been proposed to Federal regulators and the state Public Utilities Commission. MG members had doubts that the operation has been well vetted for local conditions and the County Energy coordinator shared similar concerns. Several renewable energy projects are being discussed in West Maui as well, with hopes of a County contract to supply power to energy hungry County wastewater treatment facilities.

Maui County recently issued a Request For Proposals for private sector partners to provide renewable energy installations at numerous county facilities. One stumbling block is that the local utility has set percentages of renewable energy it can accept in each area through its

ALERT!

THE MAUI OUTINGS SCHEDULE WAS NOT AVAILABLE AT THE TIME OF PRINTING. FOR CURRENT INFORMATION, PLEASE VISIT WWW.MAUISIERRACLUB.ORG OR CALL LUCIENNE DE NAIE AT (808) 214-0147

grids. This could make it difficult for facilities like a community center to meet energy needs through renewables if their output goes through the grid.

Larger facilities, like wastewater treatment plants can utilize the renewable power directly and avoid the grid, if the power source is firm.

HECO has pledged to have alternative energy make up 40 percent of its electricity production by 2030, however, it continues to see palm oil as part of the mix.

HECO, has imported 1.6 million gallons of palm oil to conduct a 'test phase' – in two O'ahu generators. Palm oil plantations have been linked to deforestation and land-grabbing in Southeast Asia and West Africa, and more climate change.

For updates: <http://www.rainforest-rescue.org>

Ma'alaea Mauka Development; Project developers attorneys are asking a new Maui judge to invalidate the previous judge's decision and declare lack of key information about reliable water source and viable wastewater treatment for the project as a "frivolous request." Plaintiffs Ma'alaea Community Association and Maui Tomorrow have asked that a Supplemental EIS be completed so decision makers can base their review of the 1000 plus unit project on sound information. The current EIS includes studies by project consultants that list salt levels in the project's three wells as barely meeting potable standards, with only limited test pumping done. With no further discussion, the EIS concludes

that the water source will be adequate once heavy pumping begins to serve the proposed project's 3000 residents. The matter will be heard June 6.

Big Island Fish Farm Proposal: In September 2010: Hawaii Oceanic Technology, Inc. (HOTI) withdrew its application for three (3) off shore fish farming cages. The company plans to resubmit an application for one experimental cage. to raise ahi off the North Kohala coast of the Big Island. Ponoaqua alliance and 300 citizens asked the Corps to hold public hearings before making any decision. HOTI expects to export 90% of the 12 million lbs of tuna it hopes to farm in Hawaiian waters. <<http://www.ponoaqua.org>>

Regulation of Aquarium Fish: Maui County Council passed two bills in 2010 which set more stringent permit requirements on aquarium collecting, for the first time in Hawaii. Bills on this topic in the legislature were turned back this year, but efforts continue to stop the senseless plunder of our native fish. For updates: savehawaiianreefs.org

Wastewater Injection Wells: Maui Group continues to work with the DIRE (Don't Inject, REdirect) coalition to support funding for county upgrades for sewage treatment and delivery systems to stop wasting treated water. Council Member Cochran recently was able to keep funds in the County budget for upgrades in Lahaina and Kahaului facilities that will allow more reuse. Cochran has also introduced bills to the Council's Infrastructure committee, which she chairs, to support a transition to greater re-use of this valuable resource.

A&B's Waiale Development: 2500-3000 units on 545 acres the proposed Waiale Village (between Waikapu and Maui Lani) is surrounded by industrial users on one side, a closed landfill on the other and contains the last undisturbed remnants of Maui's unique lithified sand dune system with numerous

traditional burials. It is also part of an historic battleground where Maui and Hawaii island forces met in pre-contact Hawaii. The Draft Maui Island Plan proposes a large open space to protect dunes, burials and cultural sites. The A&B plan protects nearly 100 already disturbed burials on site, but leaves other likely burial areas at high risk of destruction in the proposed urban development area. MG supports the MIP plan version.

Haleakala Solar Telescope (ATST): Local groups have appealed the proposed telescope's Conservation District use permit. For updates <<http://www.kilakilahaleakala.org/>>

Honolua Bay Development: Citizens are in new discussions with Maui Land & Pine and County officials to conclude a protective easement or purchase of Lipoa Point, Honolua shoreline and surrounding watershed areas. Cleanups, plantings, reef monitoring and educational events are ongoing at this popular Bay. For updates, go to: <http://www.savehonolua.org/> or contact Les Potts: lespotts@msn.com

Wailea 670: 130 acre preserve or 22 acre preserve? What does this unique section of Maui's most endangered native ecosystem deserve? USFWS supports a 130-acre preserve. Landowners claim their plans would be ruined if they needed to redesign the project although their own maps have already changed many times over the last ten years. For updates: go to SaveMakena.org

Makena Resort Rezoning: New Makena investors propose nearly 2000 units for the already urban zoned and still AG zoned lands and are expected to ask the county council to modify unilateral conditions of rezoning citing expense of requirements to provide infrastructure, marine monitoring and park planning. MG will continue to monitor plans for this environmentally and culturally important area.

Moku Loa Group Report

CHAIR REPORT

BY ROBERTA BRASHEAR-KAULFERS

Aloha to all of our members, and I hope to see you out on the trails very soon.

There have been some changes to our board this spring. Debbie Hecht has resigned and Diane Ware will fill her seat in addition to reporting on outings. Several group meetings and activities were held this spring. These included an Outing leaders training on May 7th, with CPR and first aid certification training for 11 participants.

Moku Loa Group holds monthly Conservation Committee meetings on the last Wednesday of each month. About 10 people attend, and because we place a meeting notice in the newspaper, we frequently have new people join us.

Moku Loa Group is always trying to expand and engage our members in different community activities and programs. Our first joint program was held on April 21, 2011, with the Mokuapapa Discovery Center in Hilo. Thanks go to Will Seitz who presented his research on Hawksbill Turtles and other species, as well as Phil Barnes and the staff at Mokuapapa.

Moku Loa Group also participated in the Hawaii Community College Annual Earth Fair held at UH Hilo. Thanks go to our volunteers Phil Barnes, Edith Worsencroft, Jon Olson, Jimmy Roustio and Paul, Maile Larish, Cory Harden and Diane Ware.

The program is planning to ask members of the Malama I Ka 'Aina subcommittee of Puna Community Development Plan to do program on Volcano Biosphere buffer zone, in July or August. Additionally, the program committee is planning to offer a program featuring Dave Raney in Kona regarding fish farming, and the Sierra Club policy on open ocean aquaculture. This will be an informational session, not an indictment of Kona Blue aquaculture fish farm.

Call for Candidates: Moku Loa Group is looking for members to run for the Moku Loa Group Excom.

The nominating committee is searching for individuals who are interested in furthering the goals of the Sierra Club: Explore, Enjoy and Protect. If you have some time to spare each month, are interested in Conservation,

outings, politics or have any special skills and would like to volunteer with Your Sierra Club, please contact brashear@hawaii.edu and let us know. We will be putting together a slate of candidates for the September 2011 newsletter and would love to have some new volunteers on board.

Army Helicopters on Hawai'i Island Mountains by Cory Harden

Sierra Club is calling for a Federal Environmental Impact Statement for high-altitude Army helicopter training proposed for Mauna Kea and Mauna Loa.

Some Hawai'i Island residents are calling for a Board of Land and Natural Resources (BLNR) meeting in Hilo. The Army is seeking a permit with no public meetings, though the helicopters would expand Pohakuloa training into the Conservation District. The Army re-wrote its Environmental Assessment (EA), but it is still inadequate.

No public meetings were held on the EA, or on permits for similar training done earlier. Maps printed from the online EA couldn't even be seen with a magnifying glass. Sierra Club didn't receive a paper EA till the working day before the comment deadline. Many affected parties were left out of consultation.

Pilots are now sent to Colorado for training, and may be able to continue that. Only two hours flight time are needed per pilot.

Safety analysis is inadequate for helicopter maneuvers so challenging they require three weeks of specialized training. The EA says nothing about eight fatalities from Army helicopter crashes in Hawai'i in 2001 and 2009. It omits fatal military helicopter crashes in 1996 and 2011, plus one forced landing in 2011, in Hawai'i. It omits two recent high-altitude helicopter crashes in Colorado—one fatal. It does not say why an Army helicopter missed a Mauna Kea landing zone by three miles in 2003, or discuss flying debris and noise from future helicopters landing next to the Mauna Loa road.

The EA does not say how pilots will confirm that landing zones are clear at night. It does not say whether lights will be used to avoid aircraft collisions, nor evaluate any impacts to people and wildlife from lights.

Noise is evaluated using day-night and even annual averages, plus a method that underestimates low-frequency noise. Noise maps contradict the text. An Army (not independent) study is the only one cited re. noise impacts on wildlife. It's unclear if one, or more, helicopters are assumed in noise analysis, though each mountain may get three helicopters at a time.

Helicopters will fly right over the only designated critical habitat for endangered palila birds. Only 1,200 palila may be left. 90% of known palila and all successful breeding happen on the southwest side of Mauna Kea. The U.S. Fish and Wildlife Service found petrel surveys inadequate. Three landing zones are inside 'io range. One is just outside a nene sanctuary. Bats have been seen near some landing zones. Helicopters may fly at 200 feet in areas one mile wide above six landing zones, but some biological surveys only cover about one-tenth of that area.

The EA cites the high level of visual (and noise) impacts from current air traffic---but instead of analyzing cumulative impacts, uses this as a rationale for generating more impacts. The EA claims visual and noise impacts on cultural practitioners, hunters, hikers, and sightseers will be insignificant.

The EA doesn't say when helicopter training will end.

Mauna Kea and Mauna Loa Sought for Multiple Use by Deborah Ward

While the Army proposes to expand the Pohakuloa Training Area into highly sensitive cultural resource and native plant habitat for the Stryker brigade, and plans to train hundreds of helicopter pilots in high-elevation simulations in endangered palila, petrel, and 'io habitat within the ceded lands designated Conservation District, the BLNR has issued a provisional permit for a huge new expansion on the northern plateau on Mauna Kea. The board determined that a contested case hearing must be held before the UH could proceed, and seven petitioners will make the case for permit denial before a hearing officer in August. (To read more, go to www.KAHEA.org). Sierra Club, which prevailed in court in 2006 to compel the development of a comprehensive management plan, was recently mentioned in the news when the Intermediate Court of Appeals ruled that our pro bono attorneys could not recover fees and court costs for their extensive work to compel the state to follow its own rules.

Moku Loa Group Outings

See Page 13 for General Outings Information

Donation for non-members is \$3.00. Participants under 18 years of age must be accompanied by an adult.

July 9 Sat, Green Lake Hike- D= 2 miles
A beautiful hike in Kapoho to a natural green lake and to the top of Green Mountain where you can see excellent views of the ocean and surrounding area. Hike is on a jeep trail and is approximately two miles. This hike is on private land; therefore a \$5 fee applies. Contact Sunny & Mike LaPlante 964-5017

July 14th Thur - Volcano International Biosphere Reserve. Dan Taylor will be giving a presentation on the UNESCO International Biosphere Reserve in Hawaii Volcanoes National Park. Dan's focus will be on the role that the Puna Community Development Plan is playing to encourage cooperation between the park and neighboring communities, to promote resource conservation and sustainable development. The presentation will be at 6 pm at the Mokupapapa Center on Kamehameha Blvd. in Hilo. For further information contact Phil Barnes at 965-9695.

July 15 Fri - Full Moon Petroglyphs Hike – Call for details and meeting times.
Contact Roberta Brashear-Kaulfers 966-7002 and Rose Acevedo 964-3128

July 17 Sun - Pu'u Maka'ala, (E)(C)(F) D=4-6 miles E= +/- 500'
Join us for an enchanting, interpretive hike through very old growth native forest protected and fenced by Natural Area Reserve System. Some of the 'Ohias in this forest form mini ecosystems with 4-6 species connected. Some rare and endangered plants are found here and we will see lobelias, rare mints and loulou palm. Bring lunch, water, sturdy boots and rain gear for this rainforest hike. Limited to 8 participants, and this hike in NARS is exempt from donations. Contact Diane Ware 967-8642 and Janice Crowl 936-5803

July 23 Sat - Kaloli to Haena (Shipman Beach) (E)(C) D = 6 miles, E = sea level
Hike on a historic trail in Puna, an inland carriage road from Paradise Park to Haena, legendary birthplace of the hula. Observe nene and interesting backshore ecosystems. Bring sunscreen, hat, sturdy boots and lunch. Sarah Moon 935-3475 and Kana Covington 966-8431

July 30 Sat - Kona Hema Service with Nature Conservancy (E)(S)(C) D=TBA E= +/- 300'
We will carpool to Miloli'i to meet our Conservancy leader and then be taken by vans to our work site mauka. We will be working on fence line to ensure endangered bats will not get caught in them. Our conservancy leaders will take us on a short guided hike in this beautiful forest. Bring hat gloves, lunch, water, and rain gear. Contact Diane Ware 967-8642

Aug 6, 7, 8 Sat, Sun, Mon Waimanu Valley Backpack (E) D = 19 miles round trip; E = +/- 1200'
This is an energetic backpack for individuals with backpacking experience and proper gear. We will start from the rim of Waipi'o Valley, descend into the valley, cross and ascend the far side, and continue on this trail until we drop down into Waimanu Valley 9 miles from our starting point. After a layover day in incomparable Waimanu Valley we will return via the same route. Previous backpacking experience, sturdy boots, leader approval required. Contact Diane Ware 967-8642 and Cheryl Hoover 985-9601

Aug 14 Sun Escape Road to Pu'u Huluhulu, HVNP (F) D = 5.5 miles, E = 3800' - 500'
This pleasant family hike is almost all downhill. We start out in the forest, traverse a pahoe-hoe lava field, climb Pu'u Huluhulu (where we will eat lunch with a view of Pu'u O'o) and then return to our cars.
Contact Rose Acevedo 964-3128, Roberta Brashear-Kaulfers 966-7002 and Janice Crowl 936-5803

Aug 19, 20, 21 Fri, Sat, Sun - Red Hill Cabin Backpack (E) D = 7 1/2 miles/day, E = 6500' +/- 3800'
The trail starts at the end of the Mauna Loa Strip Road where participants will experience a strenuous climb up the slopes of Mauna Loa in Hawai'i Volcanoes National Park. You will enjoy the view at "the top of the world" from the cone at over 10,000'. Required gear includes frame backpack, sleeping bag, warm clothing, sturdy boots, hat, sunscreen and good health. May have to carry 35-40 lb. pack. Reservations are required and number is limited to ten. Cooperative dinner will be arranged in advance; other meals will be provided by individuals. Contact Diane Ware 967-8642 and Phil Barnes 965-9695

Aug 21 Sun - Manuka Natural Area Reserve (E)(C)(F) D = 2.5 miles, E = 1800' +/- 600'
This dryland forest in the Ka'u district used to be the home of the alala and still features a variety of

native flora and fauna. Our mauka walk from the state wayside park will include interpretation of the plants and other features of the area. Bring lunch, water, binoculars, rain gear and wear sturdy shoes. Contact Linda Larish 966-6337 and Rich Vogler 328-8387

Aug 27 & 28 Sat, Sun - Hakalau National Fish & Wildlife Service Project (S)(E)(C) D = 3 miles, E = 5500' +/- 500' The group will help the US Fish and Wildlife Service in one of their conservation projects. After working, we will be rewarded with an opportunity to bird watch and botanize. Travel by 4x4 from Saddle Road. Prepare for wet and chilly weather. Bring boots, rain gear, sun protection, warm clothes, gloves, binoculars, sleeping bag. Contact Sunny & Michael La Plante 964-5017

Sept 3 & 4 Sat & Sun - Napau Crater Backpack (E)(C) D = 12 miles, E = 3000' - 1200'
Explore the East Rift Zone between Mauna Ulu and Napau Craters, crossing recent lava flows, craters and kipukas of native forest. Camp at Napau Crater with stunning view of Pu'u O'o. Trip requires shuttle between Mauna Ulu and Ke Ala Komo. Out house available but all water must be packed in. Rain gear, food, boots, tent and sleeping bags required equipment. Leader approval for this moderate backpack requiring heavy packs due to no water at campsite [8-10 lbs. of water (4-6 liters)]. Car shuttle. Contact Diane Ware 967-8642 and Linda Larish 966-6337

Sept 10 Sat - Pu'u O'o Trail Day Hike (Saddle Road) (E)(C)(F) D = 4 miles, E = 5700' +/- 100'
This is an easy-paced interpretive nature walk on a well-marked fairly level old trail that was used long ago to drive cattle across the island. It begins off Saddle Road at the 5700' elevation and crosses through pristine native forest kipukas surrounded by old lava flows. We'll go as far as the group decides, then have lunch and retrace our route. The weather may be changeable, so bring warm clothes, 1 quart of water, sunscreen, hat, rain gear, lunch; and wear sturdy shoes. Contact Phil Barnes 965-9695, Sarah Moon 935-3475 and Kana Covington 966-8431

Sept 24 Sat - Kaloli to Haena (Shipman Beach) (E)(C) D = 6 miles, E = sea level
Hike on a historic trail in Puna, an inland carriage road from Paradise Park to Haena, legendary birthplace of the hula. Observe nene and interesting backshore ecosystems. Bring sunscreen, hat, sturdy boots and lunch. Contact Sarah Moon 935-3475

Key: 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

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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2011 Asia Pacific Clean Energy Summit and Expo

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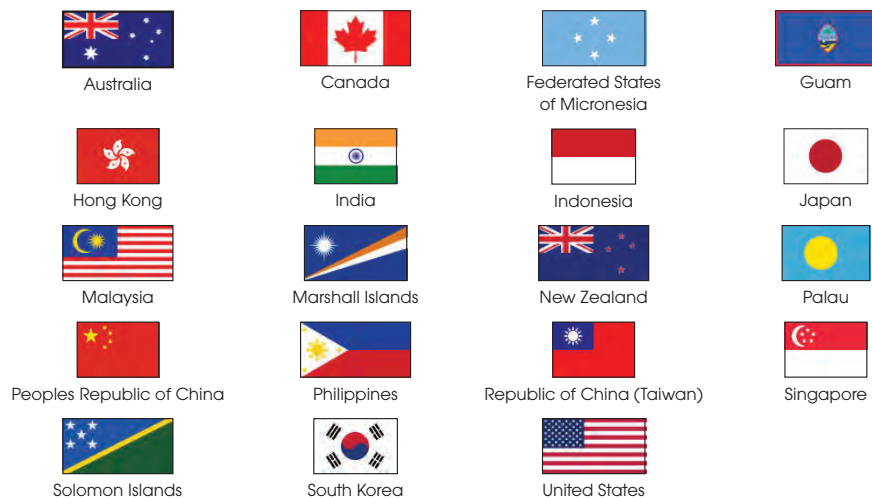
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For more information, please contact Jennifer Rocha at 774-249-8514, jrocha@techconnect.org

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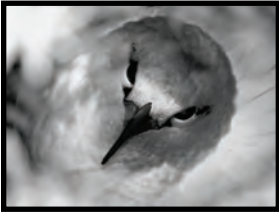


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Sierra Club, Hawaii Chapter

July - September 2011

TOP 10 BENEFITS OF BEING A SIERRA CLUB MEMBER

Did you know?

1. You get to join hikes and service projects throughout Hawai'i for only \$1.00. Meet people with similar interests while enjoying Hawai'i's amazing outdoors!
2. You get first preference on Service Trips.
3. You get to elect the members that set Sierra Club policy on both a local and national level.
4. You're eligible to stay at rustic wilderness lodges throughout California, such as the Tappaan Lodge. Find out more at <http://www.sierraclub.org/outings/lodges/>
5. You receive the *Sierra* magazine six times a year. You receive the local *Mālama I Ka Honua* four times a year.
6. You join 1.3 million of your fellow Americans who are committed to leaving our children a living legacy -- clean air, clean water, and natural grandeur.
7. You are eligible for discounts on the Sierra Club's distinguished books and nature calendars.
8. 82.6% cents of every dollar you give to the Sierra Club goes directly to the implementation of conservation programs.
9. You are a part of organization that has preserved wildlife and wild places, such as Yosemite National Park, for over one hundred years. You join an organization that has been proudly protecting Hawai'i's environment for over forty years.
10. You support the only organization in Hawai'i that actively offers service projects and educational hikes throughout the state, lobbies for statewide green legislation, and interviews/ endorses political candidates.