



Mālama i Ka Honua

Cherish the Earth

A Quarterly Journal of the SIERRA CLUB OF HAWAI'I

OCTOBER -
DECEMBER 2013

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Spotlight on Solar: The Threat to Net Metering

Very quietly, Hawai'i utilities are threatening to undermine the dream of widespread rooftop solar in our state. If this happens, the thousands of jobs created by our booming solar industry will disappear, and one of the best mechanisms of cutting emissions and displacing dirty energy will stop in its tracks.

At issue is wildly successful program known as "net metering," a policy that has driven solar growth in over 40 states. Net metering is like the rollover credits on your cellphone. It enables utility customers with solar panels connected to the grid to receive full credit for all the electricity they produce. Excess power generated during sunny daylight hours gets fed back to the grid, and the customers earn a credit that helps offset their electricity costs during the times when they're using more

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Clean, renewable, locally generated energy is not a luxury for Hawai'i nor, for that matter, the rest of the world. Failing to use clean energy translates to continuing to use dirty, polluting fossil fuels that threaten our health, our economy, and our climate.



SIERRA CLUB OF HAWAI'I
MĀLAMA I KA HONUA. Cherish the Earth.



FROM THE DIRECTOR'S DESK

The Sierra Club has long been a leading voice for environmental protection in Hawai'i. With your help, we've won major victories like setting the most aggressive electric vehicle standards in the country and holding off terrible development projects on pristine land. And over the years, we have helped change the way our state's leaders think about urban issues like recycling and renewable energy.

Now your local chapter is in the midst of holding elections that will help us better represent the interests of Hawai'i's environment.

Volunteer leadership is the key to the Sierra Club. It ensures that we reflect the beliefs and passions of our members. It maximizes what we can do and allows us to grossly overachieve based on a fairly lean budget. Forty-five years of amazing history shows the power of our members in setting policy goals and working to passionately protect Hawai'i's environment.

I encourage you to take the time to look at the candidates running for our Executive Committee and vote for the ones who best represent your interests. Personally, I believe we need a healthy mix of experienced and new leaders to ensure we're creating opportunities for new leadership that allows the Sierra Club to continue to grow over time, while also respecting the wisdom

gained from experience. You might think we need more business experience, more hiking experience, and so forth. Make sure your point of view is represented!

I should note that executive leadership is just one form of volunteerism. There are plenty of other needs, such as writing

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editorials and letters to the editor, helping organize events, etc. That's why I'm extremely excited to welcome Caitlin Pomerantz to the Sierra Club as our new Conservation Program Coordinator. I've been astounded by Caitlin's creativity and insight. She'll put together teams of people to address some of our priority issues, like making sure clean energy is thriving in Hawai'i while we retire our dirtiest fossil fuel plants. I have no doubt, with your volunteerism and Caitlin's guidance, that we're going to make an amazing difference for Hawai'i.

Interested in getting involved in any of our new campaigns? Please contact Caitlin directly at caitlin.pomerantz@sierraclub.org.

Happy Trails
— Robert



MĀLAMA I KA HONU
Cherish the Earth

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Spotlight on Solar

Continued from page 1

power than they are generating.

Net metering is fair, and it's a critical part of the equation for making rooftop solar installations affordable for thousands of homeowners and small businesses. Thanks in large part to net metering, Hawai'i has the largest penetration of rooftop solar in the nation.

Most Hawai'i consumers probably take it for granted that they should receive the full value of energy they generate and put back into the grid. Why would they choose to buy or lease rooftop solar panels if they will be forced to give away a significant percentage of the power they generate to the same utility that's sending them a bill every month?

We can't take net metering for granted, because Hawai'i's utilities see rooftop solar as a fundamental challenge to their business model. In a recent report to the Public Utilities Commission, HECO described net metering as one of the more critical concerns for its future. It is apparent to many that HECO is gearing up for a major attack on this successful policy. Quite simply, each customer moving off the grid is one less opportunity for profit for the utility.

Clean, renewable, locally generated energy is not a luxury for Hawai'i nor, for that matter, the rest of the world. Failing to use clean energy translates to continuing to use dirty, polluting fossil fuels that threaten our health, our economy, and our climate. We cannot afford to stumble when we should be running as hard as we can to take full advantage of the energy that rains down on our rooftops day after day—most of it wasted as we burn more coal and drill for more oil. Hawai'i is a renewable energy leader—not just in the United States, but in the world. It would be shameful if utility companies in this forward-looking state succeed in making it harder for their customers to harvest the clean solar energy of the future.

The customers who want to buy or lease solar systems wouldn't be the only ones affected. At a time when the residential construction industry is still struggling, the boom in solar-rooftop installations has created thousands of badly needed jobs, jobs that would be put in jeopardy.

That's why the Sierra Club is joining a coalition of partners to launch **HawaiiSolarVoices.org**. We intend to put the spotlight on people who benefit from solar, those who want to have solar, and the amazing number of solar success stories that we have already occurred.

For example, we recently interviewed a person who had been homeless and made his money from selling drugs. After a stint in jail, he attended the University of Hawai'i, Maui Campus, and participated in a renewable-energy training program. He's now a manager of a major solar company on Maui and making a great living. Speaking to him is amazing; he's so full of passion now and delighted to have another chance at meaningfully contributing to his community. This success story occurred only because of Hawai'i's thriving solar economy.

Please visit **Hawaii Solar Voices** and share your story. If you have solar, explain how it has benefited your life: how you're able to spend money on education, better quality of life, etc. If you don't have solar but want to install it, let us know why. Is it because of climate change? A desire to save money?

Using these stories, we hope to convince decision-makers that utility companies can't have it both ways. Utilities cannot boast about how much they love clean energy while simultaneously working to undermine it. Whether utilities like it or not, change is coming. Rather than trying to continue profiting by selling more and more electrons to customers, we must establish a system where utilities are compensated for ensuring that a diversity of renewable energy sources can come onto the grid and benefit everyone. Only then will we be able to achieve Hawai'i's clean energy future. ■



Explore, enjoy and protect the planet



Friend or Foe?

America's water, rivers and lakes are at risk from giant, corporate-owned factory farms which are fouling our water with pathogens and chemicals. The air around these farms is contaminated with suspended dust particles, which have been linked to bronchitis and other diseases. Our government wants to pass legislation which would allow factory farms to be free from health and environmental laws. Support Sierra Club's effort to keep our water clean and our air friendly. The hogs have gone wild, now it's our turn.

Cause a stink. JOIN Sierra Club.

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FROM THE CHAPTER CHAIR

By Roberta Brashear-Kaulfers

Summer 2013 was certainly a busy one. My husband and I had an amazing opportunity to travel and hike through seven countries in Europe. We then returned home to host the Hawai'i Chapter Strategic Retreat on August 3-4, 2013. It was a pleasure to have this enthusiastic, energetic, and dedicated group of individuals participate in the weekend retreat, and it was an excellent opportunity to brainstorm, "talk story," and get to know each board member personally. Thank you for all of your hard work. This was a very productive meeting. As many of you know, the Executive Committee holds monthly conference calls now. It helps to deal with situations in a timely manner, but it does lack the personal touch provided by the face-to-face meeting. I was clearly impressed by our younger Executive Committee members who have great plans for their lives and the environment as well.

It is election time again; time to vote for Hawai'i Chapter and Group executive committees. Although Hawai'i Chapter has 4,000 members, only about 200 members vote annually. You will find a ballot in this edition of the newsletter, so please take the opportunity to vote for the candidates you feel will best serve your chapter. In addition, the current Chapter Executive Committee members have pledged that they will



Chapter members (from left): Lucienne de Naie, Karen Chun, Nicole Lowen, Malama Minn, Robert Harris, Scott Glenn, Roberta Brashear-Kaulfers, Steve Montgomery, and Sheila Sarhangi.

each raise \$300 before the end of 2013, either by themselves or by asking their friends and associates to help them meet the benchmark. To make a donation go to sierraclubhawaii.com/donate. You may put the Executive Committee member's name in the box "special instructions" so they will receive credit for it. Remember that all of the money raised in Hawai'i, stays in Hawai'i and will be used to continue the great conservation work, legislative work, and outings led by the Hawai'i Chapter.

Throughout 2014, the Sierra Club will be celebrating the 50th anniversary of the Wilderness Act. This ongoing celebration will provide our members with some new and interesting outings, and I encourage you to explore some new areas or revisit other hikes which have not been done in many years. Mahalo for your continued support and best wishes for the holiday season. —Aloha, Roberta

Cultural and Other Uses: The long slender leaf blades and seed clusters can be used to accentuate leis and can be used in flower arrangements.

Landscape Use and Care: I love the way *Carex wahuensis* looks in landscapes. Plants can be used either as accents around larger landscaping stones and at the base of taller plants, or as border plantings to define walkways and edges, similar to a low hedge. Their fine, fibrous roots are great for controlling erosion and can be planted as a mass groundcover even on steep slopes.



These plants are highly versatile and can handle moderate to little watering as well as full sun to partial shade. They also stand up well in areas of high winds. In fact they look really cool if placed in high "wind tunnel"-like areas, for their long leaf blades enable them to dance and flutter with the wind. You can even use *Carex wahuensis* as an indoor plant or as part of a "living wall" system.

Additional Information: Although there is no known Hawaiian name for this plant, that is not to say that it never had one; most likely it was lost over the years. As common and beautiful as this plant is, it is hard to believe that Hawaiians didn't recognize and name it themselves.



Planting Native

by Rick Barboza

Carex

Carex wahuensis

Endemic: Kaua'i, O'ahu, Maui, Moloka'i, Lana'i, Hawai'i

Description: Carex are graceful sedges that form thick clumps and reach heights close to two feet tall. The long leaf blades droop downward and can actually reach lengths up to four feet. These blades are about a half-inch across at the base and gradually reduce to a narrow elongated apex. Tiny flowers emerge on the upper portion of long stalks called spikes. Once pollinated, the flowers become small seeds called achenes and can range in color from light brown to bright orange, making them really attractive when contrasted against the dark green coloration of the surrounding foliage.

Distribution: The natural range of this endemic species is very diverse. I've seen plants growing in the lowland dry-forest areas and upward into mesic and rain forests, from near the coast to elevations exceeding 3,000 feet. Easy to find, *Carex wahuensis* can be seen growing on ridgelines in full sun or on slopes in the shadier understory in both relatively pristine and well-disturbed surroundings. They exist on all the main islands except Kahoolawe and Ni'ihau, although they may have been found there in the past.

Volunteer in the Spotlight: Cielia Morse



Summer Intern, pre-law student at UHM

Cielia Morse is one of the volunteers who

make the Sierra Club tick. A business undergraduate, she's finishing up her last year at the University of Hawai'i at Mānoa. She spent her summer interning at our Honolulu office where she made a lasting impression: she not only got a number of projects off the ground and finished, but she organized and even cleaned the office. In response to questions, Cielia reflected on her internship.

Why did you decide to intern with the Sierra Club?

I felt that an internship would show me what a difference in society, community, and personal growth a career in environmental law could make. My initial goal, which looking back now seems broad and elementary in comparison to my actual experiences, was to gain insight on how to shape my future.

What has been your favorite issue to work on so far, and why?

I had the privilege of testifying on behalf of the Sierra Club at the Planning Commission in opposition to development of farmland. O'ahu Group chair Anthony Aalto was unable to testify but prepped me in a short walk to the

career in environmentalism.

The office looks remarkably better since you've started. Any comment?

I had the opportunity to research several topics that would soon become

"The process of sorting through old cases and issues resulted in a very organized and transformed working space, one that I hope volunteers and future interns will find efficient and functional."

hearing. Afterward I was interviewed by KHNL news and appeared both on the ten o'clock news and in the paper the following morning. I was nervous, having never done anything like that before, but in the end I enjoyed the challenge and would welcome it again.

What's the biggest thing you learned from your internship?

I gained a deeper understanding of issues from collaborating with others.

What's your advice for other students looking to get involved in protecting the environment?

The Sierra Club is a strong example of what people can accomplish when advocating for certain issues. An important ally in advocacy is communicating with people from all parts of the community. Volunteering to get experience is a good way to begin a

policy or priority for the Sierra Club. To become familiar with these issues it was helpful to be able to sort through old cases and issues to see outcomes of past events the Sierra Club was involved in. This sorting process resulted in a very organized and transformed working space, one that I hope volunteers and future interns will find efficient and functional.

What's next for you? Are you going to stay involved with the Sierra Club?

I plan to take the LSAT in October with the goal of being accepted into Richardson School of Law at UHM in fall 2014. I will be concentrating my time and efforts on that application process. During this period I also plan to continue volunteering at the Sierra Club in whatever capacity I can. I hope that I have a long future of collaboration with Sierra Club staff and volunteers.

SoulTrex
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Introducing Hawai'i Chapter's Newest Staff Member



Caitlin Pomerantz started in September with the Sierra Club to assist with organizing campaigns in support of clean energy and helping shut down Hawai'i's dirty fossil fuel plants. Being nosy, we asked her a few questions:

Where are you from? When did you come to Hawai'i and what brought you here?

I was raised in Massachusetts and rural Vermont. When I came to Hawai'i in 2006 to do work trade on an organic farm on the Big Island, I bought a one-way ticket and thought I would be here for a few weeks or months before continuing my travels. Seven years later, I'm still here!

What other jobs have you had that helped prepare you for this one?

After interning for six months at the farm, I stayed on to help manage incoming interns and organize the business side of things. I wore a lot of hats, but my favorite part of the job was introducing students from around the country and the world to the basics of sustainability. Our goal was to instill not only an awareness of the principles of sustainability, but also to give students the skills to implement sustainable practices in their lives. After leaving the farm, I joined Tulsi Gabbard's

congressional campaign as her volunteer coordinator. My experience managing interns and day-to-day operations on the farm gave me a great frame of reference for the task at hand, but nothing could have prepared me to recruit, train, and coordinate an army of volunteers to run field operations on five islands. I gained a great deal of valuable experience on that campaign, which has prepared me to approach this job with a comprehensive understanding of what it takes to communicate effectively about values, move people to action, and organize them to achieve shared goals.

Have you had previous volunteer experience with the Sierra Club or other environmental groups?

I volunteered on a number of farms both in the United States and Spain as part of the organization World Wide Opportunities on Organic Farms (WWOOF). I was also a full-time volunteer on the Gabbard campaign, and was primarily motivated by Tulsi's long commitment to environmental protection and sustainability education.

What about this job attracted you to it?

It appealed to me because it's an opportunity to work with the strongest volunteer-driven grassroots network in Hawai'i. I'm excited to bring my campaign experience to help drive a renewable energy agenda, and I'm also excited to learn from the collective wisdom and experience in community organizing and grassroots activism embodied by the Sierra Club.

How will you begin?

My first priority is to get to know the folks who are already representing the Sierra Club around the state. I hope to listen and absorb as much as possible and find out how I can best facilitate a broad and sustained effort to make Hawai'i the leader in renewable energy nationwide. The biggest lesson I learned from my time on the farm as well as from working with Congresswoman Gabbard is that the strength of your organization depends on the strength

of your relationships. In a similar way, I also believe that our core duty as environmental advocates is to educate people about the relationships that sustain them—the physical, mental, emotional, and spiritual relationships between living beings and their environment. So my first priority will be to start building and facilitating strong working relationships as a foundation for effective action.

What initiatives are underway that you can build on?

Our first major initiative is to support the solar industry by preserving fair rates of reimbursement for solar customers who feed energy back into the grid. HECO is attempting to lower reimbursement rates, claiming damage to their bottom line. We have to make it clear that, as an island community with abundant renewable energy resources, we have our own bottom line: we cannot afford to sabotage the solar industry and we will do everything we can to encourage solar installations and protect a fair rate of reimbursement for solar customers who produce more energy than they consume.

What are you passionate about? What makes you tick?

I'm an incorrigible optimist, and I love bringing people together to work towards a common goal. I believe our world is transformed by many small efforts and little victories. To me, the greatest environmental threat that faces us today is the dissolution of agrarian communities and the imposition of corporate culture. Culture and community are the medium of values, and shared values are the foundation of environmental protection. Fortunately, the process is also the goal: just by its nature, the process of getting to know each other, working side by side, listening and making ourselves heard creates a sustainable future by building community and helping people make the connections they need to stand up for the environment and a better quality of life.

Sierra Club Hawai'i Historical Timeline

2003-2013 Postponed Until Next Issue

1968

1980

1990

2000

2013

Because the Chapter and Group elections have priority in this issue, there isn't room for part 4 of the historical timeline and so we are postponing it to the January issue. When all four installments have appeared, watch for the Sierra Club of Hawai'i timeline to appear on the Chapter website. Then members can contribute comments, corrections, photos, and stories, making it an interactive timeline for the next five years—up to the 50th anniversary in 2018. Because Jeff Mikulina's tenure as Director spanned segments 3 and 4, we include it here as a review of part 3 highlights and a preview of events included in the Chapter's last decade.

Jeff Mikulina Chapter Director 1998-2008

When Jeff Mikulina was tapped to succeed David Frankel as the second Director of the Hawai'i Chapter he was a graduate student in engineering at the University of Illinois in Champaign-Urbana and head of the Sierra Club's Prairie Group. In December 1998, one month after seeing an ad for the opening, which to him looked like a challenge but a "dream job," he was packing his bags and learning the names of legislators at the State Capitol

Although as an undergraduate Jeff had had an internship in Honolulu with an environmental consulting firm and had written for the Honolulu Weekly on solar energy and other environmental issues, he was less experienced than his predecessor. Luckily, Frankel was just a phone call away, in Volcano. "David was a mentor and coach and guiding hand behind much of the action during my first years on the job," Jeff said. "I counted on him for advice and strategy."

Jeff focused on continuing the effective lobbying, issue advocacy, and land use protection efforts that David had made the Club known for in



Hawai'i. He also worked closely with the media to broaden the reach of the Sierra Club and increase awareness of key sustainability issues.

Jeff's accomplishments in policy advocacy include helping to pass legislation that increases the funding of natural resources through tourism taxes (2001), requires returnable deposits on all beverage containers (2002), prohibits coastal light pollution (2004), establishes the Legacy Lands Fund (2005), provides incentives for renewable energy use (2006), sets a binding cap on Hawai'i's greenhouse gas emissions (2007), and requires that all new homes use solar

water heaters (2008).

Jeff also managed the Chapter's statewide conservation campaigns to protect critical coastal areas (Mālama Kahakai!), reduce polluted runoff (Blue Water Campaign), and decrease Hawai'i's contribution to global climate change (Sea Change Hawai'i). During his time as Director, the Sierra Club prevailed in six of eight strategic natural resource lawsuits.

The achievement of which he may be most proud is the bottle bill, particularly because the 2002 campaign was so hard-fought. "It was an intense, all-out organizing, media, online, and advocacy effort against a Goliath of an opponent," he said.

The campaign didn't end with the passage of the deposit bill. The Sierra Club worked to defend against repeated repeal attempts and keep up public support when the program was finally launched by a state administration that didn't support the policy. But the program was a success, with a tripling of the recycling rate (to about 75 percent) and over five billion bottles and cans recycled since the law took effect in 2005.

In late 2008, Jeff stepped down as Director of the Hawai'i Chapter to head up the Blue Planet Foundation, a Honolulu-based nonprofit focused on clearing the path for clean energy in Hawai'i and beyond.

Nate's Adventures

Baby Kāhuli in the Native Forest



by Nate Yuen

I hiked in the Mokule'ia Forest Reserve to see kāhuli or O'ahu tree snails crawling on the native vegetation. During the night the temperature dropped to the low 60s and rain fell intermittently on our campsite at about 2,200 feet elevation. When I got up at first light, the landscape was drenched—perfect for snailing. Pahole Natural Area Reserve ranges in elevation from

1,200 to 2,590 feet, and receives average annual rainfall of about 60 inches. The reserve protects some of the best remaining native mesic forests on the island, which are home to rare and endangered kāhuli, also known as pūpū kuahiwi or pūpū kani oe.

After a quick breakfast, I wasted little time making my way down the trail to search the native trees for snails.

When the Hawaiian Islands were explored after Western contact in the 1800s, 41 different species of O'ahu tree snails were described and classified in the genus *Achatinella*. Sadly, most species are extinct today because of shell collectors, habitat destruction, and predation by rats and carnivorous

snails. Only a dozen or so species remain, and all are on the federal list of endangered species. The most common species today—*Achatinella mustelina*—is found only in the Wai'ānae Mountains. The snails are mostly active at night and sleep during the day. I scoured the trees in the area for quite some time, searching each leaf and branch and finding a number of adult tree snails sleeping.

The shells of adult kāhuli are smooth, glossy, and conical in shape with five to seven whorls and are up to three-quarters of an inch long. Kāhuli are moisture-loving creatures and require regular rain or fog drip to live. The snails usually retract into their

shells and hide in the vegetation during the day to conserve water. But if the vegetation is wet they can sometimes be seen crawling around during the day.

When I examined the trunk of an olopuia tree, I was thrilled to see a trio of kāhuli, possibly a family, huddled together in a crook between branches: a full-grown adult three-quarters of an inch long, a juvenile half-an-inch long, and a cute little baby a quarter-inch long. It takes up to 3-5 years for kāhuli to become reproductively mature, and the snails can live for 10 years.

The baby kāhuli wandered off from the others and crawled up the tree branch. O'ahu tree snails are unique in the snail world in that they give live birth to their offspring. Adults can give birth up to seven times a year.

When baby kāhuli are first born they are only about 4.6 millimeters in diameter. Pictured is an example of a baby that is just under a quarter-inch long.

Euglandina rosea, the carnivorous snail that was brought to Hawai'i to control the African snail population, has a much faster reproductive rate. Each carnivorous snail can lay hundreds of eggs per year. Sadly, the carnivorous snail prefers to eat kāhuli over African snails and has decimated their population, causing 80 percent of the species to go extinct.

Time passed quickly as I patiently watched the snails return to their spot, retract into their shells, and go to sleep. I hope these snails escape predation by the introduced snails and rats, grow up to be big and strong, and have many offspring so that the kāhuli population can rebound.

To read more about the baby kāhuli in the native forest, visit my blog at: <http://hawaiianforest.com/baby-kahuli-in-the-native-forest>



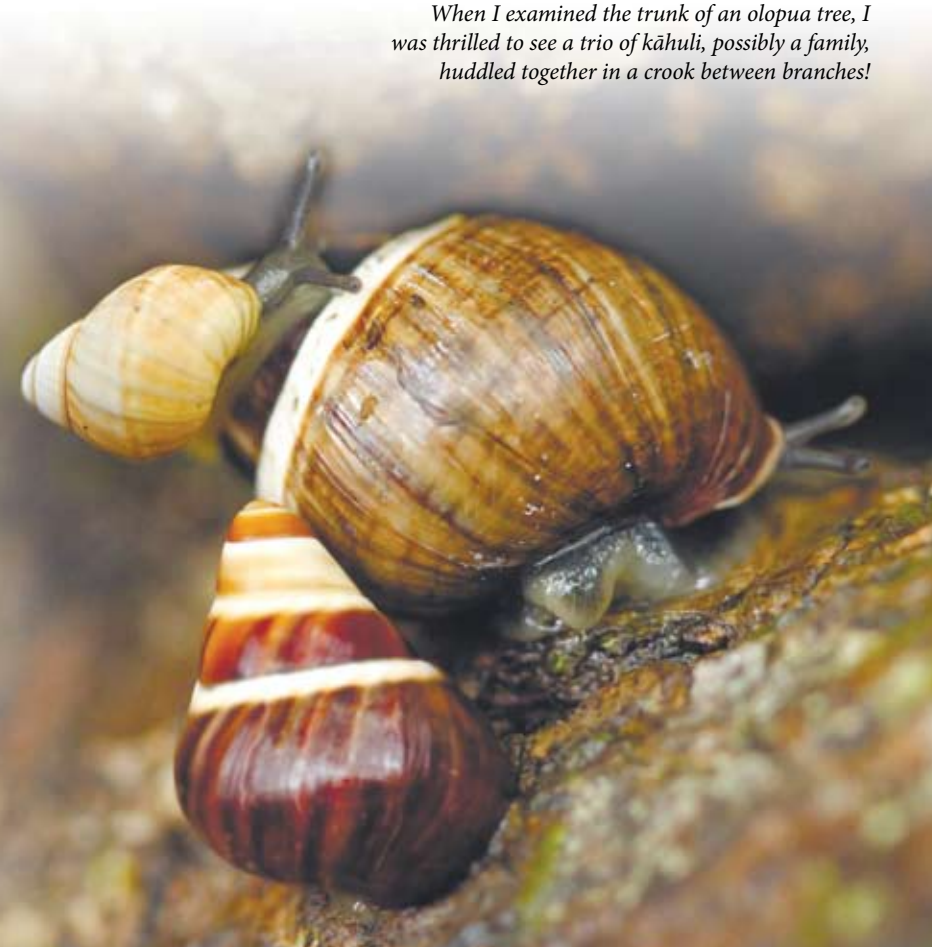
The olopuia tree, a favorite of the kāhuli.



A juvenile kāhuli at a half-an-inch long.



Adult kāhuli 3/4 of an inch long shares leaf with tornatelides snail 2 millimeters in length.



When I examined the trunk of an olopuia tree, I was thrilled to see a trio of kāhuli, possibly a family, huddled together in a crook between branches!



When baby kāhuli are first born they are only about 4.6 mm in diameter. This specimen is just under a quarter-inch long or about 6.35 mm.

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.

O'ahu Group Report

Halting Expansion of Turtle Bay

We have begun to press Mayor Carlisle and members of the City Council to join the efforts by the Abercrombie administration, by environmental organizations on the North Shore, and by the property owners themselves to find ways to achieve voluntary land conservation of the most important undeveloped lands surrounding Turtle Bay resort.

We are also exploring the possibility of joining legal action by the Defend O'ahu Coalition to challenge the validity of the 27-year-old Land Use Commission decision to reclassify agricultural lands owned by the resort. We are also exploring the possibility of becoming engaged in a review of the Special Management Area permit originally issued for expansion of the resort. We believe a new SMA permit would be required for any new development. We are working to build a hui of interested groups in order to present a united front. If you are interested in helping organize or volunteering to assist in our campaign please email us at the address below.

Koa Ridge

We are currently raising funds and organizing for a campaign to ensure that the City Council does not consider any zoning approvals for the proposed Koa Ridge monster sprawl development until after review of the Central O'ahu Sustainable Communities Plan (COSCP) is complete.

The plan was approved in 2002 and, by ordinance, is supposed to be reviewed every 5 years. The current review, which should be finished by early next year, is the first ever. The COSCP is supposed to dictate planning in the area. We believe zoning decisions should defer to planning decisions—



The Koa Ridge saga continues...

otherwise the tail is wagging the dog.

We also believe that the review is urgently needed because there has been a vast change since the COSCP was first approved: namely that the people of O'ahu have decided to invest \$5.2 billion in a mass transit system that is designed to prevent worsening traffic gridlock and to prevent suburban sprawl developments that are not linked to the new rail line... like Koa Ridge.

Koa Ridge is likely to add another 5,000 to 10,000 cars to H2 and H1 every day. A few years ago the federally funded O'ahu Metropolitan Planning Organization (OMPO) estimated in its 2030 scenario that this would lead to rush hour commute times between Mililani and Ala Moana of two hours. When OMPO's revised estimate for its 2035 scenario was published, that commute time had miraculously shrunk to 45 minutes! We're not buying it. We think allowing Koa Ridge to go ahead after investing in the new rail project

would be a travesty and an insult to every taxpayer on the island.

If you wish to join our effort to halt this project that would put thousands of new homes and half a million square feet of commercial development on the second most productive food farm in the state, an area of incredible natural beauty and the last green zone between Pearl Ridge and Mililani, call or email us and watch for coming alerts.

You can also donate to our campaign fund: every dollar we raise—up to \$5,000—will be matched dollar for dollar by a generous challenge grant.

Opala

Finally, we have been working with Council members, the city Department of Environmental Services, and the mayor's office to find ways to restore most, if not all, of the large white recycle centers that were located at many city schools until they were removed by Mayor Carlisle.

If there are other measures you would like the O'ahu Group to take up with the city, or if you want to volunteer and become engaged, please email us at SierraClubOahuGroup@gmail.com or call 234-9779.

Anthony Aalto
Chair, O'ahu Group

Donate Now and Your Contribution Is Automatically Doubled!

Here are three easy ways to contribute:

- 1 **Send checks to:**
Sierra Club, O'ahu Group, P.O. Box 2577, Honolulu, HI 96803
- 2 **Go online at sierraclubhawaii.com/donate**
In the "Special Instructions" box type: "For O'ahu Group"
- 3 **Call: (808) 538-6616**

O'ahu Group Outings

SEE PAGE 17 FOR GENERAL OUTINGS INFORMATION

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, October 5

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, sunscreen, and water. All participants under 18 must have a waiver signed by their legal guardian. Please contact the leader for the waiver. Closed-toe shoes only. Deborah Blair 955-4168

Sunday, October 6

Pearl Harbor Bike Path and Waipi'o Peninsula Bicycle Outing (F)
20 mi/Moderate/Flat
Meet at 9:00 a.m. at 'Aiea Bay Beach Park. We'll ride around Pearl Harbor and the Waipi'o Peninsula to look at the Mothball Fleet. Helmet required; all types of bicycles welcome. Gwen Sinclair 753-0528 or gsinclair@gmail.com

Saturday, October 12

Photography Hike: Wahiawa Botanical Garden (E/F)
1 mi/Easy/Garden/Wahiawa
Reservations required. The pace of photography hikes is extremely slow.



Tropical Botanical Garden with native plants, colorful flowers and foliage. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925, Marie LaBerge 545-1252; asst. Ronette Morales

Saturday to Monday, October 12-14

Hakalau National Wildlife Refuge, Hawaii'i Island (S)
Leader: Deborah Blair 955-4168
deborahblair1@mac.com

This service trip still has a few openings. The work is likely to involve planting native species such as koa or working in the greenhouse. Accommodations are at a well-equipped cabin at the 6,200-foot elevation with electricity, running water, a flush toilet, a hot shower, kitchen, and bunk beds with mattresses. Participants bring their own sleeping bags. The free-time activity may include a hike in a koa-'ohi'a forest to observe native forest birds. See page 13 for more information.

Sunday, October 13

Beginner Hike: Waimano Valley (F)
Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring at least one liter of water, a snack, and raingear. Sunscreen, a hat, and insect repellent recommended. Beginner hikes are for those who have never hiked, have not hiked in a long

time, or would like to learn the basics of hiking. Randy Ching 942-0145

Saturday, October 19

MCBH Kāne'ohe Bay Service Project (S)
Reservations required. Contact Dan Anderson at 690-0479 or danderhi@gmail.com by October 17. Help clear a wetland of mangrove plants to create habitat for Hawaii'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. Deborah Blair 955-4168

Saturday, October 19

Queen Kapi'olani Gardens Service Project Phase VIII (S)
Join the City's Division of Urban Forestry and the Sierra Club in maintaining a native Hawaiian garden. Meet at the garden (bordered by Monsarrat/Paki/Leahi Avenues) at 8 a.m. Tools will be provided. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925, Marie Laberge 545-1252; asst. Susan Tom, Ronette Morales

Saturday, October 26

Likeke Falls (F)
3 mi/ Moderate/Contour/Nu'uuanu Pali
Join us for a family hike to a spring-fed

O'ahu Group Outings

falls and see some ancient Hawaiian sites above Kāne'ōhe. Meet at the Church of the Crossroads at 9:00 a.m. Bring a liter of water/person, snack, raingear, and insect repellent. Ed Mersino 223-5765 or mersino@hawaii.edu; asst. Sarah Pietruszka

Sunday, October 27

James Campbell National Wildlife Refuge (E/F)
1 mi/Easy/Kahuku
Reservations required. There is a limit of 25 participants, so email early to ensure a spot. You will then find out the meeting place. Don't miss this easy, interpretive walk to see native endangered Hawaiian waterbirds and migratory birds that spend the winter at this refuge. Email name and cell phone number to Colleen Soares csoares48@gmail.com

Sunday, November 3

Lanipō Hike and Get-together (F)
7 mi/Strenuous/Ridge/Honolulu
This outing is reserved for Sierra Club Outings Leaders/Prospective Leaders only. RSVP by Wednesday before hike. This tough trail begins at the top of Wihelmina Rise in Honolulu. We'll hike along the ridge with beautiful views of valleys on both sides and the Honolulu area. There are a number of endemic plants along the way that can be seen. At the top we will gain great views of the windward side of O'ahu. After the hike we will have a potluck get-together at the home of one of our long-time leaders. Hikers eat free and people joining just the dinner can bring a dish for 6 p.m. Ed Mersino mersino@hawaii.edu or 223-5765

Sunday, November 3

Pu'u 'Ōhi'a/Tantalus Crater (F)
2 mi/Easy/Ridge crater/Tantalus
Wet rainforest environment with many native plants. Low light conditions. Bring mosquito repellent and raingear.



John Shimogawa 227-9925, Stan Oka 429-9814, Clyde Kobashigawa 262-6092; asst. Ronette Morales

Saturday to Monday, November 9-11

Haleakalā National Park, Maui (S)
Leader: Dan Anderson 690-0479 or danderhi@gmail.com
This trip is currently wait-list only. Our accommodation for the weekend is at 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 must 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.

Sunday, November 10

Beginner Hike: Wailupe Valley (F)
Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring at least one liter of water,

a snack, and raingear. Sunscreen, a hat, and insect repellent recommended. Beginner hikes are for those who have never hiked, have not hiked in a long time, or would like to learn the basics of hiking. Randy Ching 942-0145

Sunday, November 17

Mokulē'ia Bicycle Outing (F)
20 mi/Moderate/Flat/Mokulē'ia
Meet at 9:00 a.m. at Mokulē'ia Beach Park. We'll ride around Mokulē'ia, Waialua, and Dillingham Air Field. Helmet required; all types of bicycles welcome. Gwen Sinclair 753-0528 or gsinclair@gmail.com

Saturday, November 23

Beginner/Family Hike: Kamananui Valley partial (F)
4 mi/Easy/Valley/Kamananui
Reservations required (by November 10)
Meet at 8 a.m. at Church of the Crossroads. Stroll two miles into the valley and two miles back to discover historic and cultural sites. Joanna Alexander 223-6993 or joalex.gypsy@gmail.com

Sunday, November 24

Photography Hike: Pālehua-Palikea (E/F)
Reservations required three weeks prior. The pace of photography hikes is extremely slow. Not for those uneasy about heights. Native plants, scenic panoramas, and exquisite tree snails are the attraction in this preserve. Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925, Marie Laberge 545-1252, Stan Oka 429-9814; asst. Susan Tom

Sunday, December 1

Sandy Beach Cleanup (S)
Meet at 8:30 a.m. at Sandy Beach bathroom at eastern side of beach park. Clean up along highway and coastal

O'ahu Group Outings

areas until 10:30 a.m. Call Tred (394-2898) for information. Bags and gloves provided. All participants under 18 must have a waiver signed by their legal guardian. Please contact the leader for the waiver. Closed-toe shoes only. Deborah Blair 955-4168

Sunday, December 8

Beginner Hike: 'Aiea Loop Trail (F)
Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring at least one liter of water, a snack and raingear. Sunscreen, a hat, and insect repellent recommended. Beginner hikes are for those who have never hiked, have not hiked in a long time, or would like to learn the basics of hiking. Randy Ching 942-0145

Sunday, December 8

Sierra Seminar: Hui Kū Maoli Ola and Papahana Kuaola (F/E)
This outing is reserved for Sierra Club Outings Leaders/Prospective Leaders only. Attendance is limited and reservations are required. Join us for an educational tour of Hui Kū Maoli Ola and Papahana Kuaola conducted by its co-founder, Rick Barboza. Rick and Matt Schirman are passionate about the cultivation and preservation of Hawai'i's natural history and culture and show it by integrating educational opportunities, habitat restoration, and native Hawaiian plants that they provide for many of their projects. This is a unique opportunity to see and hear their incredible story first hand. Reservations required. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925; asst. Susan Tom, Ronette Morales

Saturday, December 14

MCBH Kāne'ōhe Bay Service Project (S)
Reservations required. Contact Dan Anderson at 690-0479 or

danderhi@gmail.com by December 12. Help clear a 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. Deborah Blair 955-4168

Sunday, December 15

Photography Hike: Ka'ena Point (E/F)
5 mi/Easy/Coast/Wai'ānae
Reservations required. The pace of photography hikes is extremely slow. Very hot, humid with beautiful coastal and ocean scenery. Some native plants. Bring lots of water, sunscreen, hat, and lunch. We plan to leave the Church at 7 a.m. since the drive to the trailhead is very long. Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925; asst. Susan Tom.

Saturday, December 21

Makapu'u Coastal Hike (F)
3 mi/ Moderate/Coast/Makapu'u
Hike around the rocky coast to hidden tidal pools where we can take a refreshing swim. We will visit the cave of the hungry god and the blowholes below the lighthouse. Finally we will climb up to the lighthouse for views of the windward coast. Expect a lot of rock hopping and climbing. Bring sunscreen, hats, and water. Ed Mersino 223-5765 or mersino@hawaii.edu

Sunday, December 29

Barber's Point/Kalaeloa Bicycle Outing (F)
20 mi/Moderate/Flat
Meet at 8:00 a.m. at Kapolei Regional Park. We'll ride to Barber's Point Harbor and environs to see the sights, including a lighthouse. Helmet required; all types of bicycles welcome. Gwen Sinclair 753-0528 or gsinclair@gmail.com

STILL OPEN: Three-Day Neighbor Island Service Trip



Saturday to Monday, October 12-14
Hakalau National Wildlife Refuge, Hawai'i Island (S)
Leader: Deborah Blair 955-4168
deborahblair1@mac.com

The U.S. Fish and Wildlife Service manage this refuge. They are creating makai-mauka corridors of native vegetation across open pastures that native forest birds can use in their migrations up and down the slopes of Mauna Kea. The service projects usually involve planting native species such as koa or working in the greenhouse. Accommodations are at a well-equipped cabin at the 6,200-foot elevation with electricity, running water, a flush toilet, a hot shower, kitchen, and bunk beds with mattresses. Participants must bring their own sleeping bags. At this high elevation, cold, wet weather is always possible, so warm clothing and footwear and good quality raingear are necessary. Raingear can be borrowed from the refuge. The free-time activity may include a hike in a koa-ōhi'a forest to observe native forest birds, some of which are on the endangered species list.

Kaua'i Group Report

UPDATES ON CONSERVATION & DEVELOPMENT ISSUES

Securing Coastal Trail Access through Waipake: Collaboration continues with community members to preserve access along Kaua'i's northeast coastline through the ahupua'a of Ka'aka'aniu, Lepeuli (Larsen's Beach), and Waipake (recently subdivided for 80-luxury home sites on 360 acres). The subdivision approval of Kahu'aina Plantation neglected to address lateral coastal access and ensure that the state's title to the 10-foot-wide historical trail (ala loa) was recorded. The mauka-makai grant of easement that was required was recently presented to the County Council. However, concerns were raised regarding the location of the parking lot (a mile from the beach), the unknown vehicle capacity, restrictions on bicycles and horses, the lack of a maintenance plan, and the easement's terminus at a bluff 500 feet from the shoreline.

Commercial Development Proposed for Waipouli's Coconut Grove: Permits are being sought to build a Longs Drug Store within a 3.5-acre historic coconut grove recognized by the County's Exceptional Tree Ordinance. The proposed 23,000-square-foot retail store with 95 parking stalls would impact the scenic, century-old historic landmark and cultural asset. Commercial use is also inappropriate in this resort-zoned district, as it would change the resort atmosphere of the Royal Coconut Coast visitor destination area. Mark your calendar to attend the October 8 Planning Commission public hearing.

Council Bill 2491 Pertaining to Pesticides and GMOs: The Kaua'i Group supports this bill, which proposes strategies to protect the environment and residents from the impacts of

restricted-use pesticides used by agro-chemical corporations in their farming practices. The bill includes rules for public disclosure, buffer zones to protect against pesticide drift and contamination of waterways, a ban on experimental open-air field testing, and a moratorium on expansion of GMO operations pending studies of environmental and health impacts.

County Charter Amendment Related to Approvals of Transient Accommodation Units (TAUs): In 2008, Kaua'i voters approved (64% to 36%) a Charter Amendment transferring the authority to approve TAUs from the Planning Commission to the County Council. It allowed the Council to delegate authority back to the Commission provided that the Commission's approvals were consistent with the Kaua'i General Plan's growth scenario. The Council did so by enacting Ordinance 912, which limited future approvals to a growth rate consistent with the General Plan. Last year, timeshare developer Kaua'i Beach Villas Phase II sued to overturn the Charter Amendment and Ordinance 912. In June, U.S. District Court Judge Kobayashi found in the developer's favor, ruling that the Charter Amendment and Ordinance 912 violated an earlier legal precedent. We have encouraged the County to appeal the court's decision and will also seek Council support to enact another ordinance to fill the void created by the court's ruling. (The court invalidated Ordinance 912 on a technicality but expressed no opinion that the actual content of the ordinance was unconstitutional.)

County Multi-Use Path through Waipouli: Phase C&D of the bike path along Kaua'i's east side will be along an undeveloped coastline approved for resort development. It is currently

unclear how close to the ocean the 10-12 foot wide cement path would be located, as neither the County nor resort owner, Coconut Beach Development, has obtained a shoreline certification. Meetings convened under Section 106 have recognized the significant impacts to Hawaiian cultural values and the environment. A draft Memorandum of Agreement for mitigation will be the next step in the process.

KIUC Seeks 65-Year Water Lease for the Blue Hole Diversion: Pending the completion of a Supplemental Cultural Impact Assessment, OHA will be relinquishing its contested case against KIUC's 2004 request for a water lease to continue operating two hydroelectric plants. Members of the public are raising additional issues, including establishing a Water Management Area to protect the watershed, identify downstream users, and institute future water reservations to ensure the most beneficial use and management of the water resources.

Pierre Omidyar's Proposed Vacation Rental Project on the Ridge above Hanalei Bay: Sierra Club and community opposition to this project continues to grow as the billionaire developer continues to pursue his project to desecrate one of Kaua'i's most precious viewplanes with dozens of luxury vacation rental mansions. See www.savehanaleiriverridge.com.

Members, would you like to become more involved?

As a member, you're invited to come to our Executive Committee meetings. That's a good first step in learning about decisions that face your Kaua'i Group Executive Committee relating to preservation and protection of Kaua'i's natural environment. Contact us!

SEE PAGE 17 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.

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

Saturday, October 5
Kuilau Ridge Trail/ East Side/moderate/4.5 mi (C/E). Sweeping panoramic views of Kawaikini & Wai'ale'ale and the Makaleha mountains. Jane Schmitt 826-6105

Saturday, October 12
Nukoli'i Beach Cleanup. East Shore/easy (S). Help remove litter, a threat to seabirds and marine life. To Nukoli'i Beach, turn makai off the highway just south of the Wailua Golf Course onto an unpaved road past the Moto Cross to the beach. Look for Sierra Club signs. Bring hat and water. Gloves, bags, and snacks provided. 9 a.m. to noon. Judy Dalton 246-9067

Wednesday, October 16
Nonou (Sleeping Giant) Conservation Service Project (C/S). East Side/strenuous/4 mi. Tend to endangered native plants in their habitat and enjoy a full-moon walk. Sierra Club members only. Bob Nishek 346-0476

Sunday, October 20
Makaleha Falls/ East Side/ strenuous/ 3 mi (C/E). Hike to a secluded waterfall. Lowland native plants. Nice views. Tabi footwear required. Kathy Valier 826-7302.

Saturday, October 26
Maha'ulepu Beach Cleanup. South Shore/easy (S). Sierra Club, Mālama Maha'ulepu, and Surfrider team up to keep this beach free of ocean debris and litter. Follow Poipu Road past the Grand Hyatt where it

becomes a dirt road. Drive to T-intersection and turn right. Continue to parking area and look for banners. Bring hat and water. Bags, gloves, snacks provided. 9 a.m. to noon. Judy Dalton 246-9067.

Saturday, November 2
Ho'opi'i Falls/ East Side/3 mi/moderate (C/F). You're in for a surprise on this forest trail along a river featuring two beautiful waterfalls. Judy Dalton 246-9067

Sunday, November 10
Kukui Trail/West Side/very strenuous/5 mi (C/E). Descend 2,000 feet into Waimea Canyon to the Waimea River. Excellent views. Kathy Valier 826-7302

Friday, November 15
Tropical Botanical Gardens Moonlight Walk. South Side/moderate/2 mi (C/E/F). Hike and learn about propagation of native plants in lovely gardens. Sierra Club members only. Bob Nishek 346-0476

Saturday, November 16
O'kohaleu trail/ North Shore/ strenuous/ 4 mi (C/E). A steep forest walk ends in panoramic views of Hanalei Bay, Princeville, and Kilauea. Jane Schmitt 826-6105

Sunday, November 17
Maha'ulepu /South Shore/moderate/4 mi (C/E/F). Enjoy the coastal sand dunes of Maha'ulepu and the sinkhole/cave archaeological site. Allan Rachap 212-3108

Saturday, November 23
Donkey Beach Cleanup. East Shore/ moderately easy (S). Sierra Club and Surfrider team up to protect marine life 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. Bring hat and water. Bags, gloves, and snacks provided. Judy Dalton 246-9067

Sunday, December 1
Maha'ulepu See Sunday, November 17.

Saturday, December 7
Alakai Swamp/Kokee/West Side/very strenuous/7 mi (C/E). Mountain rainforest (not a swamp) rising 4,500 feet above the ocean. See primeval habitat for a variety of native plants and birds made accessible with the construction of boardwalks Sierra Club helped create. 4WD vehicles needed to carpool to trailhead. Ken Fasig 346-1229

Sunday, December 8
Kalalau Trail to Space Rock/North Shore/ strenuous/ 7 mi/ (C/E). Famous Na Pali coast trail to the high point on the trail, Space Rock, with sweeping ocean & mountain views. Possible humpback sightings. Jane Schmitt 826-6105

Friday, December 13
Waimea Canyon Road Cleanup/easy/ 2 mi (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 346-0476

Saturday, December 14
Ha'ena to Ke'e Sunset-Moonlight Beach Walk/North Shore/ easy/ 2 mi (F). A beach walk with beautiful views along the way. We hope to see the sunset along Na Pali and return by moonlight. Kathy Valier 826-7302

Sunday, December 15
Maha'ulepu Sunset to Full Moon Walk/South Shore/moderate/3 mi (C/E/F). Start out mid-afternoon from Shipwreck Beach walking along the coast to Maha'ulepu to enjoy the sunset and a full moon rise. We'll shuttle cars for one-way hike. Judy Dalton 246-9067

Saturday, December 28
Kealia Beach Cleanup / East Shore/easy (S). Sierra Club and Surfrider collaborate to protect marine life, the reef, and ocean from marine debris. Look for banners at parking lot. Bring water and hat; gloves, bags, and snacks provided. 9 a.m. to noon. Judy Dalton 246-9067

Maui Group Report & Outings

UPDATES ON MAUI CONSERVATION ISSUES: FALL 2013

North Shore Heritage Park & Ho'okipa Expansion: Mayor Arakawa has proposed county acquisition of Maliko Gulch, a popular boating site, but no final agreement is in place.

Stream Restoration: State Water Commission unexpectedly cancelled its August hearing in Maui re: Na Wai Eha stream water use permits. Residents want action on increased stream flows after Aug. 2012 Supreme Court decision saying Iao and Waikapu streams should flow.

East Maui Wells: Maui Group and allies are in discussions with Maui County to ensure that proposed test wells adequately investigate ground water conditions in Haiku aquifer before any decision to drill production wells for the central Maui water system is made.

Hamakuapoko Wells: Maui County continues plans to outfit the two contaminated wells with new pumps and filtration systems.

Haleakala Solar Telescope (ATST): Native Hawaiian Legal Corp, representing Kilakila O Haleakala, appealed a land board permit for the project to Hawai'i Supreme Court. The court may rule on the matter by the end of the year.

Honolua Bay/Lipoa Point Saved! The state legislature approved funding to purchase Lipoa point and the purchase is expected to happen by the end of 2013. Congratulations to Save Honolua! and other groups advocating preservation.

Regulation of Aquarium Fish Trade: Honolulu District Court heard closing summaries in May for an Earthjustice case challenging the State of Hawai'i for issuing aquarium collecting permits without assessing environmental impact—or impact to the Hawaiian culture. Updates: forthefishes.org

Lahaina Wastewater Injection Wells: Earthjustice representing MG and other allies continue settlement discussions with the County. Several important agreements have been discussed to improve water quality in the area and increase reuse of treated water, but no final settlement has been reached.

Wailea 670: Wiliwilis Forever! MG and Maui Unite's Wailea 670 EIS challenge is currently in settlement discussions with Wailea 670 investors. Investors recently agreed to redo archeological studies and potentially protect 130 acres of Maui's rarest native ecosystem as a native plant/cultural preservation site. Please donate to MG's Wailea 670 legal fund: mauisierraclub.org

Makena Resort: Maui Group will meet soon with new Makena Resort management partner, Discovery Land, to discuss redevelopment of the 28-acre Makena Resort Hotel site into luxury condos and cottages and a new, smaller hotel.

Kihei Mega Malls: MG will offer comments on the EIS being prepared for a proposed housing-commercial and light industrial project on the site formerly proposed for two large malls.

SEE PAGE 17 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.

East Maui Irrigation Company (EMI) allows us to hike across their beautiful land so long as each hiker has a waiver. An EMI waiver is absolutely required for EMI hikes (listed below). One waiver covers all EMI hikes for this quarter. Call in your waiver request to Kawika or Mark at 579-9516 well in advance to make an appointment for when you can sign it. Then go to EMI's Pa'ia office at 497 Baldwin Avenue to sign the waiver. Waivers cannot be mailed, faxed, or emailed. Please be considerate of EMI staff time and pick up waiver 5 days in advance whenever possible. The waiver must be brought on the hike and shown to the hike leader.

Sunday, October 13

Wahinepe'e Stream Hike (C/E)
D = 8 mi R/T. Hike historic ditch trail to overlook Honomanu Stream and Valley. Pools, waterfalls, great scenery. Trail can be muddy. EMI waiver required (see above). Bring water, lunch/snack. Meet 8 a.m. Haiku Community Center lot. Limit 15. Leader: Kalei Johnson. Register: kalei1908@gmail.com or call 344-0006

Tuesday, October 22

Part 2 of "Talkin' Trash" Forum
Discussion on waste-to-energy technology for Maui with the CEO of Anaergia Inc. and a senior scientist at Natural Resources Defense Council. Mayor Awakawa is seeking to finalize an agreement with Anaergia to install a trash-to-energy facility on Maui at no

Maui Group Outings

cost to the county. With virtually no public review and no environmental documents, this forum is the public's best chance to find out what is planned, and how it affects future waste-removal fees and recycling efforts on Maui.

Saturday, October 26

Honolua Stream/Valley (C/E)
D = 3mi R/T Historic valley has Hawaiian cultural sites, a famous beach and stream, and a hopeful future as funds were recently approved to purchase and preserve it. Bring hat, sunscreen, water, and lunch/snacks. Meet 9 a.m. at Park and Ride lot at Honoapiilani Hwy/N. Kihei Rd to carpool. Limit 18. Leader: Lucienne de Naie. Register: laluz@maui.net or call 214-0147.

Saturday, November 2

Halema'u to Haleakala Supply Trail (E)
D = 6-7 mi R/T Beautiful views and natural wonders. Bring hat, raingear, sunscreen, water, and lunch/snacks. Meet 9 a.m. Pukalani Terrace center

near Ace Hardware to carpool. Limit 15. Leader: Kalei Johnson. Register: kalei1908@gmail.com or call 344-0006.

Friday, November 15

Waiohuli-Keokea Ahupua'a urban exploration (C/E)
D = 4 mi R/T Discover the ancient history of "downtown" Kihei as we see a different view of these two important ancient ahupua'a. Bring hat, sunscreen, water, lunch/snack. Meet 9 a.m. Kihei Community Center. Limit 18. Leader: Lucienne de Naie. Register: laluz@maui.net or call 214-0147

Saturday, November 30

Pu'u Ke'eke'ehia (Mausoleum Hill) in Ulupalakua (C/E)
D=1.5 mi R/T. Short uphill hike to historic hill where Rose (Ulupalakua) Ranch founder Captain James Makee created his final memorial garden. Great views and a glimpse back into a colorful era of Maui history. Advance waiver required, so register one month

in advance. Meet 9 a.m. at Keokea Park in upper Kula to carpool to site. Limit 20. Leader: Lucienne de Naie. Register: laluz@maui.net or 214-0147

Saturday, December 7

Loaloa Heiau in Kaupo (C/E)
D=2 mi R/T. Experience the grandeur of one of Maui's largest Hawaiian ceremonial sites. Possible service outing. Bring water, lunch/snack, cameras. Meet 8 a.m. at Pukalani Terrace center near Ace Hardware. Limit 20. Leader: Janet Six. Register: sixjanet@gmail.com or 344-0566

Sunday, December 15

Launiupoko Valley Hike (C/E)
D=4 mi R/T. Lots of trails, Hawaiian heiau, and sites are hidden along the way as we hike up this iconic valley. Bring hat, sunscreen, water, lunch/snack. Meet 9 a.m. at Park and Ride lot at Honoapiilani Hwy/N. Kihei Rd to carpool. Limit 20. Leader: Miranda Camp. Register: mauimiranda@hotmail.com or call 463-9690.

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.

Moku Loa Group Report

Join Our Rummage Sale

The Moku Loa Group will conduct a fundraising sale and membership drive at the Maku'u Farmers Market on Sunday, October 6, 2013, from 7 a.m. to 2 p.m. Please come and support the Group by donating to the table, shopping, or just talking story. If you have donations and want to arrange for delivery or pickup, phone one of the board members for details.

CONSERVATION UPDATES

Critical Habitat: The Moku Loa Group has submitted comments in support of proposed critical habitat for three endangered plant species in the Kona area. The proposed areas include seven units totaling approximately 18,766 acres (7,597 hectares) on the island of Hawai'i. The three species (*Bidens micrantha*—ko'oko'olau; *Menzobryonia kavaianse*—uhiuhi; and *Isodendron pyriformium*—wahine noho kula) occur in the same lowland dry ecosystem and share the same threats from development, fire, and nonnative ungulates and plants.

Approximately 55 percent of the area being proposed as critical habitat is already designated as critical habitat for other plants and the Blackburn's sphinx moth. Of the total acreage identified, 64 percent is located on state lands. Some of the state lands are earmarked for development.

The U.S. Fish and Wildlife Service may recommend that development projects offset habitat loss by acquiring, restoring, and managing other suitable habitat in perpetuity. We are hopeful that developers will respect and place value on conserving this rare native dryland ecosystem and support the service's and/or county's recommendations.

Waikaku'u South Kona Property:

The Moku Loa Group supports the acquisition of Waikaku'u Ranch by the County Land Fund. In May 2013, Judge Ibarra ruled that permitting the development of the property violated the Kona Community Development Plan and failed to uphold the county's constitutional duty to protect natural resources. The natural resources of Waikaku'u Ranch include native mesic forest, the watershed created by this old-growth forest, and the ocean below. Sierra Club members have documented 'ohi'a with 3'-4' diameters, hapu'u i'i, ala'alawainui, ie'ie, and kopiko on the property. This type of dense understory is crucial for native birds and for the future release of 'alala. The last wild 'alala were found in the South Kona McCandless Ranch area, less than 10 miles from this property.

Mauna Kea Forest Restoration Project:

The Group has volunteered several weekends of reforestation, seed collection, and green pod collection for the Mauna Kea Forest Restoration Project, which seeks to expand bird habitat for the endangered palila. According to an article in Biological Conservation (2012) authored by Paul C. Banko et al., the palila population has decreased 79% between 2003 and 2011 due to habitat degradation by feral ungulates and prolonged drought. The only solution to the drought problem is to increase the density of mamane trees, remove mouflon sheep from the habitat, and plant in areas of low mamane regeneration. We plan to sponsor a program early next year highlighting the plight of the palila, followed by another service project.

OUTINGS SEEKS NEW LEADERS

Do you enjoy hiking? Why not become a Moku Loa Group Outings leader and share your passion with others?



We are currently seeking new Outings leaders. We could especially use some west side leaders and anyone wanting to lead outings for high school or college students. Leaders may choose the type of activity and location. You can weave a theme like photography or geocaching into the hike, or combine disciplines such as hiking and biking. Leader requirements are fairly basic and easy to meet. There is an online component (Outings 101), two trainings with the group per year, and First Aid/CPR certification paid for by the Group. New leaders assist with an experienced leader and then lead on their own. We ask that leaders commit to leading 4 outings per year.

Sound like fun?

Call Sarah Moon 935-3475 or Diane Ware 967-8642 for more information or to sign up.

Moku Loa Group Outings

SEE PAGE 17 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

Sunday, October 6

Green Lake Day Hike (E, F)
D = 3 miles, E = sea level to 800'
Hike on and around several jungle-covered cinder cones and see the largest crater lake in Hawai'i. Continue to the top of a hill for great views of Puna. Leaders Michael and Sunny LaPlante 964-5017

Saturday, October 12

Volcano NP, Escape Road Hike (E, F)
D = 5 miles, E = -1,000' Starting elevation: 3,900' This off-road hike is a moderate one-way downhill hike that covers diverse terrain as it passes through native forests and vegetation. Hike starts at Thurston Lava Tube (Nahuku) parking lot and ends at the Mauna Ulu parking lot. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387

Saturday, October 26

Lokoaka Trail Service Trip (S)
D = 0.5 miles, E=sea level
Help clear trails to pristine lagoons. Tools, gloves, water, and insect repellent provided. Wear sturdy boots or shoes



and protective clothing; bring swimsuits for a cool swim after the project. Leaders Sarah and Jan Moon 935-3475

Saturday, November 2

"Zero Emissions" Hele-On Bus to Volcano NP (E, F)
D = 6.5 miles E = 3,800' +/- 800'
The timing of this hike will allow interested members to catch the Ka'u/Volcano bus to the park. Our group will meet at the Visitor's Center before starting on a loop hike along Devastation Trail to Chain of Craters Road, passing to Escape Road and then back via the Kilauea Iki Trail to the Visitor's Center once more. Come experience our public transit system! Leaders Diane Ware 967-8642 and Linda Larish 966-6337

Saturday, November 9

Kalapana Coastal Day Hike (E, F, C)
D = 4 miles, E = sea level
This hike begins at Verna's Restaurant parking lot in Kalapana. We will hike out to the new beach at Kaimu, then explore the shoreline heading south over rough new lava. Trip size is limited. Leaders Sunny LaPlante 964-5017 and Kana Covington 966-8431

Saturday November 16

Full Moon Pu'u Loa Petroglyphs (E, F)
E = sea, level D = 2 miles
Easy loop hike around historical petroglyphs. Call for details. Leaders

Roberta Brashear-Kaulfers 966-7002 and assistant leader Jim Buck

Saturday, November 23

Kahuku NP, Kona Loop Tail Hike (E)
D = 5 miles, E = +560'/-560' Starting elevation: 4,440'
This moderate hike provides dramatic vistas of the Ka'u coast as it loops through native forests, native plant restoration areas, and lava from the 1887 Mauna Loa flow. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387

Saturday, December 28

Pepe'ekeo Cliffs Dayhike (E, C)
D = 3 miles, E = 200' +/- 100'
Walk along mowed trails atop the Hamakua Cliffs; not for those afraid of heights. We will enjoy dramatic vistas and seabirds, and explore historic sites. Leaders Michael and Sunny LaPlante 964-5017

Saturday, December 28

Volcano NP, Chain of Craters Road Hike (E, F)
D = 5 miles, E = -1,000' Starting elevation: ~3,900' This moderate one-way downhill hike along a vehicle road stops by Lua Manu Crater, Puhimau Crater, Koko'olau Crater, Devil's Throat, Hi'iaka Crater and Pauahi Crater. Hike starts at Devastation Trail parking lot and ends at the Mauna Ulu parking lot. Leaders Diane Ware 967-8642 and Rich Vogler 328-8387

Candidate Biographies: *Vote for Your Sierra Club Leadership!*

Chapter Executive Committee Candidate Biographies

Alana Bryant

Alana Bryant is a second-year law student at Richardson School of Law. Her involvement with Sierra Club Hawai'i began in 2010, while studying at George Washington University; she has since spent two summers working with Sierra Club. She is interested in land use management and clean energy issues. She hopes to use her legal research and writing skills to serve the board.

Lucienne de Naie

Lucienne de Naie, a resident of Maui, has been a Club member since 1977. She has served as past Chair and is currently Vice-chair of the Sierra Club Hawai'i Chapter. She is a researcher and writer whose passion is protection of native plants, streams, watersheds, and cultural sites. She has led a variety of successful conservation campaigns for Sierra Club over the last twenty years.

Nicole Lowen

Nicole Lowen is a resident of Kailua-Kona and has been in Hawai'i for 18 years. She is currently the State House Representative for District 6 in West Hawai'i and served previously at the legislature as a staff member. While in graduate school at UH Mānoa, she worked at the UH Environmental Center and researched Chapter 343, the state's environmental review law. Nicole has served on the Chapter Executive Committee since 2011.

Zachary McNish

Zachary McNish has been a Sierra Club member for more than a decade. He was born and raised on Maui and now lives on O'ahu, where he works as an in-house attorney for locally owned solar company RevoluSun. Zach's prior volunteer experience includes service on a number of nonprofit boards and three years as a Peace

Corps volunteer in Panama, where he worked in environmental conservation, agroforestry, and permaculture.

Jennifer Lucien

Jennifer Lucien spent 7 years working under Rep. Morita, Chair of EEP Committee, focusing on critical issues like renewable energy development, shoreline access, recycling programs, and neighbor-island concerns. She's a past board member of Surfrider Foundation and the Landscape Industry Council of Hawai'i. Jennifer served on the Chapter Executive Committee over the past year and greatly assisted with the Club's fundraising efforts.

Scott Glenn

Scott Glenn is a professional environmental planner, current board member, Conservation Co-Chair, Personnel Committee Chair, and member of Capitol Watch. He has helped draft Chapter policies on geothermal energy and protecting green space, and served as the Chapter representative to the national Council of Club Leaders. His focus is on helping the Club take on the many challenges to Hawai'i's environment.

O'ahu Group Candidate Biographies

Albert Perez

Albert Perez was born and raised on O'ahu. He attended Leilehua High School and the University of Hawai'i, where he obtained his Master's in Urban and Regional Planning. He has worked as a Planner and Geographic Information Systems Analyst and currently works in the renewable energy industry. He co-founded Maui Tomorrow, a successful environmental advocacy and planning group, and currently serves as the Political Chair of the O'ahu Group Executive Committee.

Anna Kelly

Anna Kelly would like to recruit a new generation of Sierra Club members to

the environmental cause, especially in sustainable development, renewable energy, and recycling & opala. She first developed her passion for the environment while earning her Master's degree in Comparative Politics and a Graduate Certificate in Sustainability from the University of New Hampshire. She is photovoltaic project coordinator at an energy efficiency company.

Leilei Joy Shih

Leilei Joy Shih has been dedicated to protecting the environment for future generations both in her personal and professional capacities. She has a Master's in Marine Biodiversity and Conservation and is currently working on her Ph.D. in Oceanography at the University of Hawai'i. She has served for one year on the Sierra Club Executive Committee and has been a blogger for Capitol Watch on issues such as the successful O'ahu plastic bag ban.

Matt LoPresti

Matt LoPresti is completing his first term on the board. His focus has been on getting the group more involved in City and County issues by attending City Council meetings, testifying before Council, and meeting with various city officials and the Mayor. His focus is on expanding recycling efforts; while he was successful in expanding curbside recycling in Ewa Beach, there's still a long way to go and a lot of work to get there.

Kaua'i Group Candidate Biographies

Judy Dalton

Judy Dalton has served on the Kaua'i Group Executive Committee for 18 years and on the Chapter Executive Committee for 16 years. She facilitated formation of Mālama Maha'ulepu in 1999; initiated the cease of construction of a 3/5-mile-long beach-destroying sea wall fronting Wailua Golf Course in 1996; and legally challenged the Planning Commission

to increase coastal setbacks for a development along the coast between Kealia Beach and Donkey Beach.

David Dinner

David Dinner has served on the Kaua'i Group Executive Committee for 4 years; was president of 1,000 Friends of Kaua'i, a community group dedicated to controlled growth; and was co-chair of the People for the Preservation of Kaua'i. He was co-chair of Citizens for Responsible Government, which caused a charter amendment to pass that required implementing the General Plan's growth limits.

Marge Freeman

Marge Freeman has served on the Kaua'i Group Executive Committee for 15 years and would like to continue serving as she feels the Sierra Club on Kaua'i has made valuable contributions to the island. She is an active supporter of Mālama Maha'ulepu and is a member of its board of directors. She was a co-plaintiff in the successful legal action against the Planning Commission to increase construction setbacks on the coastline at Kealia Kai.

Juan Wilson

Juan Wilson is the publisher of IslandBreath.org, a much-visited environmental website. A licensed architect, he has created maps for the Kaua'i Group, aiding in its conservation efforts. He served a two-year term on the Executive Committee and was awarded the Pono Award in 2012 in recognition of his work on environmental issues affecting Hawai'i. He recently mapped the ahupua'a and moku of the Hawaiian Islands.

Maui Group Candidate Biographies

Clare Apana

Claire, a native of Wailuku, Maui, is a cultural practitioner and teacher who is deeply involved with cultural preservation issues throughout Maui. Clare received the Sierra Club's Onipa'a

Award in 2013 for her long dedication to research and advocacy to protect Maui's traditional cultural landscapes and burial areas. She has a Master's Degree in Physical Therapy and has a private practice in both Maui and Honolulu.

Karen Chun

Karen serves as the Maui Group secretary and webmaster as well as the state political co-chair. She has an M.S. in Mechanical Engineering, has worked for a large utility, and published papers on solar heating and natural cooling. She was instrumental in getting new, more scientific standards to call no-burn days in the sugarcane burning season and in stopping the Waihe'e water bottling/export plant.

Daniel Grantham

Daniel has served as Chair and as Secretary of the Maui Group. He has used his photography, video, writing, and graphics skills to advocate for a renewable energy future, protection of viewsheds and streams, and sensible planning for Maui's future. His day job is appliance repair.

Rich Lucas

Rich served four years as the Maui Group Political Chair. He is a retired attorney from Ha'iku who is committed to protecting Maui's open spaces, endangered species and coral reefs. Richard works as the planning director for Friends of Old Maui High School, a nonprofit organization dedicated to historic preservation on Maui. His passion is to see a Maui that is free from the need to import fuel and food to sustain its population.

Dr. Janet Six

Janet Six has lived in Maui since 1978. She has a Ph.D. in anthropology and is active on several cultural/ ecosystem restorations on Maui. She teaches at UH-MCC and heads the archaeological excavation project at the sacred island of Moku'ula in Lahaina with UH-MC and NYU. She wrote and co-produced the prizewinning documentary Ho'okele Wa'a: Turning the Canoe—Navigating a Sustainable Future for Maui.

Marta Sweeney

Marta is a longtime Sierra Club supporter and has won awards for outstanding Maui Group volunteer. She has helped educate and energize the community on numerous issues over the years, and served as Maui Group volunteer coordinator in the past.

Sara Tekula

Sara has experience in both the nonprofit and commercial business sectors, primarily in the areas of media production, public relations and marketing, outreach and education, and community event coordination. Since moving to Maui in 2004, she has worked to promote native habitat restoration and as a volunteer and consultant for the Hawaiian Islands Land Trust. She is co-founder of the Plant a Wish project.

Moku Loa Group Candidate Biographies

Cory Harden

Cory currently serves on the Moku Loa Group Conservation and Political Committees and has been active in the Sierra Club for about 10 years. A native of Hilo, Hawai'i, she has worked in human services and state planning. She looks forward to making more contributions to the valuable work of the Sierra Club.

Martin (Marty) Mimmack

Along with a Master's Degree in Education, Marty Mimmack brings a background in environmental ethics and motivational speaking. He would lend his group dynamics, decision-making, and community leadership skills to the Sierra Club and its members. Mr. Mimmack welcomes an opportunity to contribute to this vital organization.

Jon Olson

A surfer, diver, and sailor, Jon has been a Sierra Club member for 26 years. He has covered energy issues for the Moku Loa Group since 1995 and currently serves on the Energy Committee for the Group. He appreciates your vote.



SIERRA CLUB
OF HAWAII
MĀLAMA I KA HONUA

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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Outings Chair Miranda Camp • mauimiranda@hotmail.com

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Group and Chapter Executive Committee Election Ballot

Please vote in both the Chapter and your Group election — instructions on back or vote online at sierraclubhawaii.com/ballot

Please
Vote in the
Chapter
Election



CHAPTER ELECTION (Vote for no more than 4 candidates)

| | | | | | |
|--------------------------|--------------------------|---------------------|--------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 | <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 |
| <input type="checkbox"/> | <input type="checkbox"/> | Alana Bryant | <input type="checkbox"/> | <input type="checkbox"/> | Zachary McNish |
| <input type="checkbox"/> | <input type="checkbox"/> | Lucienne de Naie | <input type="checkbox"/> | <input type="checkbox"/> | Jennifer Lucien |
| <input type="checkbox"/> | <input type="checkbox"/> | Nicole Lowen | <input type="checkbox"/> | <input type="checkbox"/> | Scott Glenn |

Please
Vote in
**ONLY
ONE (1)**
Group
Election



(Your Ballot
may
otherwise
be
disqualified)

O'AHU GROUP ELECTION (O'ahu members vote for no more than 3)

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| <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 | <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 |
| <input type="checkbox"/> | <input type="checkbox"/> | Albert Perez | <input type="checkbox"/> | <input type="checkbox"/> | Leilei Joy Shih |
| <input type="checkbox"/> | <input type="checkbox"/> | Anna Kelly | <input type="checkbox"/> | <input type="checkbox"/> | Matt LoPresti |

KAUAI GROUP ELECTION (Kauai members vote for no more than 3)

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| <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 & 21 | <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 20 & 21 |
| <input type="checkbox"/> | <input type="checkbox"/> | Judy Dalton | <input type="checkbox"/> | <input type="checkbox"/> | Marge Freeman |
| <input type="checkbox"/> | <input type="checkbox"/> | David Dinner | <input type="checkbox"/> | <input type="checkbox"/> | Juan Wilson |

MAUI GROUP ELECTION (Maui members vote for no more than 5)

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| <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 21 | <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 21 |
| <input type="checkbox"/> | <input type="checkbox"/> | Claire Apana | <input type="checkbox"/> | <input type="checkbox"/> | Dr. Janet Six |
| <input type="checkbox"/> | <input type="checkbox"/> | Karen Chun | <input type="checkbox"/> | <input type="checkbox"/> | Marta Sweeney |
| <input type="checkbox"/> | <input type="checkbox"/> | Daniel Grantham | <input type="checkbox"/> | <input type="checkbox"/> | Sara Tekula |
| <input type="checkbox"/> | <input type="checkbox"/> | Rich Lucas | | | |

MOKU LOA GROUP ELECTION (Moku Loa members vote for no more than 3)

| | | | | | |
|--------------------------|--------------------------|------------------------|--------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 21 | <input type="checkbox"/> | <input type="checkbox"/> | See Bios on Page 21 |
| <input type="checkbox"/> | <input type="checkbox"/> | Cory Harden | <input type="checkbox"/> | <input type="checkbox"/> | Jon Olson |
| <input type="checkbox"/> | <input type="checkbox"/> | Martin (Marty) Mimmack | | | |

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Environment,
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MĀLAMA I KA HONUA "Cherish the Earth" *A Quarterly Journal of the SIERRA CLUB OF HAWAII* **OCTOBER - DECEMBER 2013**

 **Ballot Inside!** 

Choose Who Will Run Your Sierra Club of Hawai'i!

EXECUTIVE COMMITTEE ELECTION INSTRUCTIONS

Vote for YOUR Group Executive Committee and Chapter Executive Committee

Those elected will take office in January 2014

MEMBERS MAY ALSO VOTE ONLINE AT: www.sierraclubhawaii.com/ballot

In order for your ballot to be valid and to ensure the secrecy of the ballot, please do the following:

1. Two voting boxes are provided. If joint members wish to vote for the same candidate, they may check the "joint" box. Single members must use only the "single" box or the ballot will be invalidated. No cumulative voting is allowed (voting multiple times for the same candidate).
2. Include your name and address or your membership number (printed on the label above) on your return envelope. Ballots submitted without a name and address or membership number may be invalidated. We verify memberships and then remove the identification portion prior to opening. Every effort is made to keep your vote confidential.
3. Mail completed ballot to **ELECTIONS, Sierra Club, P.O. Box 2577, Honolulu, HI 96803**. Ballots must be postmarked by November 15, 2013.