



Mālama I Ka Honua *Cherish the Earth*

A Quarterly Journal of the SIERRA CLUB OF HAWAII

OCT - DEC
2014

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Oil Is Over (If You Want It)

By Caitlin Pomerantz

Change is hard—just ask the HECO analysts charged over the last five months with designing the company's transformation to the "utility of the future." Last April, the Public Utilities Commission expressed serious concern that the utility had failed to articulate a sustainable business model in light of emerging clean energy technologies. They tasked HECO with designing a plan to stay relevant, lower rates, and facilitate the growing consumer demand for rooftop solar. The initiative isn't unique to Hawai'i; utilities around the country are seriously considering the need to build a business model focused on distributed generation rather than a monolithic fuel source. Hawai'i's position as the state most dependent on imported oil only increases the urgency. Unfortunately, the vision needed to meet the challenge appears

to be sorely lacking in our monopoly utility. While the plan pays lip service to the PUC's requests, it mostly seeks to preserve business as usual.

The largest disappointment of the plan is its treatment of rooftop solar. While HECO claims to be "tripling" solar, the reality is that its proposal will cut the rate of solar growth by more than 90 percent. In Hawai'i, solar has grown between 70-200 percent each year for the past seven years. Under HECO's plan, that growth will slow to 7 percent a year—barely a trickle, and certainly not enough to keep up with demand. On top of that, the plan proposes raising the minimum monthly fee from \$17 to \$55 and decreasing the amount paid to solar customers who produce more than they use—from roughly 35 cents per kilowatt-hour to 17 cents. This will effectively double the length of time it takes to pay off a rooftop PV installation.

As grim as this may sound, the reality is that the rate of solar growth isn't up to HECO. The cost of a rooftop PV system with battery storage, which allows consumers to fully disconnect from the grid, is already competitive with conventional electricity. As technology advances and storage costs continue to come down, that option will only become more attractive to consumers. What the PUC presented to HECO may turn out to be less of a challenge to do the right thing, and more of an opportunity to stay solvent.

It should be noted that the plan does contain some steps in the right direction. Most notably, HECO sets a schedule to retire its existing fleet of oil-fired power plants by 2030. The tradeoff is that the plan relies heavily on a transition to liquid natural gas. LNG will require major investments in infrastructure, and many predict that the need for a so-called "bridge fuel"

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Celebrating the 50th Anniversary of the Wilderness Act: An Interview with the Superintendent of Haleakalā National Park



By Lance Holter

Recently I met with Haleakalā National Park's newest park superintendent, Natalie Gates, as part of America's celebration of the 50th Anniversary of the Wilderness Act. Superintendent Gates is impressive at first meeting, a no-nonsense person who projects both confidence and intelligence—just the qualities we want in the person in charge of protecting one of Hawai'i's and the world's most renowned wild places. Dr. Gates was previously chief of Natural Resource Management at Point Reyes National Park in Northern California.

Our conversation was wide-ranging but focused on three areas: (1) why the wilderness designation for Haleakalā? (2) her plans for the park and for involving the local conservation community in realizing them, and (3) women in natural resources management.

I asked Dr. Gates first why she thought Congress chose Haleakalā National Park, along with twelve other iconic parks and monuments, to be managed and classified as wilderness. She cited the 1964 legislators' determination to provide an even higher level of resource protection than that of National Park, "and a near absolute curtailment

of development." In sum, she said, our representatives realized that there are some places that need to remain wild, and Haleakalā is one of them. Congress singled out the "huge Haleakalā volcanic crater" and "the remarkable rain forest of Kipahulu Valley" as deserving the highest level of protection.

Dr. Gates continued, "I believe Congress chose wisely. Today, Haleakalā National Park is one of the few relatively intact remnants of a unique and disappearing Hawaiian biota, with species found nowhere else. The erosional 'crater' of Haleakalā is one of the quietest places on earth—a place where you can hear your own heartbeat."

She also appreciates Haleakalā's special significance for native Hawaiians, as the place where Maui lassoed the sun's rays to convince the sun to travel more slowly across the sky, giving Maui's mother more time to dry her kapa. She understands that Hawaiian culture is closely tied to the 'āina, the natural environment, and native wildlife, and that, to Native Hawaiians, there is no division between nature and culture. Thus, "The concept of wilderness as a place that must remain unspoiled is absolutely consistent with the Hawaiian reverence for the 'āina."

What does the Wilderness Act mean to her personally?

"I grew up in New York City thinking that sparrows and Central Park were wilderness. When I became a wildlife biologist and saw places like Yellowstone and Yosemite, I appreciated what happens when humans step back from the picture and no longer manipulate ecosystems. There is a real beauty there and a comfort in knowing that people don't need to be part of every landscape all the time. In fact, that is one of the central tenets of the Wilderness Act: 'Wilderness, in contrast with those areas where man and his

own works dominate the landscape, is hereby recognized as an area where the earth and its community of life are untrammelled by man, where man himself is a visitor who does not remain.'

"But the world is becoming a smaller place. There is more pressure to open up wilderness, not just to resource extraction, but also to increased levels of recreation. As island dwellers we all understand how our resources—the air, water, and living things—are truly shared. What affects air quality in downtown Kahului also affects the air on Haleakalā. The number of fish in the ocean impacts the number of 'Ua'u that return to raise young on the cliffs above the crater. It is part of our shared kuleana to consider the effects of the way we live on treasured places."

Asked to articulate her vision of the future of Haleakalā and its mission, Superintendent Gates replied, "I believe we should continue to provide transformational experiences to underserved youth who can learn important cultural and biological lessons from this wonderful place. Also, we should continue to protect some of the last remaining vestiges of native Hawaiian ecosystems and teach future generations to do the same."

I asked Dr. Gates about the role of the active Hawai'i conservation community in developing various stewardship and general education programs at the National Park.

"The conservation community can help by becoming engaged in the conversation about what wilderness should look like now, in five years, and in 50 years. The more input we get, from as many different parts of the community as possible, the better our final plan will be.

"Our new Trail Stewards program kicked off this summer. We have thirteen local residents manning our crater trailheads and trails and giving out important information to visitors.

It's a great way to educate folks about the importance of wilderness while they are enjoying the park. Another training session for a new cohort of stewards will be offered in 2015.

"The conservation community can also help by learning more about what the concept of designated Wilderness really means—qualitatively, legally, and from a management perspective. There is a terrific website put together by the Arthur Carhart National Wilderness Training Center (www.carhart.wilderness.net) that is extremely helpful."

Finally, having three daughters, I asked Superintendent Gates for advice she would give to young women today seeking a career in natural resources.

"You can only excel in a field you

are passionate about, and so my advice is to become as good at what you love to do as you can. The barriers to women in natural resource jobs are not the same as they used to be. We have moved technologically beyond the need for physical strength in fields such as wildlife biology and forestry. In the Pacific Islands, four out of the nine national park superintendents are women, including in the two largest parks. So I think government is a great place for women to look for natural resource careers. I would add that being an effective communicator and being good with people is surprisingly important—just as it is in all jobs that require teamwork."

Oil Is Over *Continued from page 1*

will disappear before these investments pay off, leaving ratepayers to foot the bill. LNG is attractive to a utility accustomed to burning liquid fuel, but it fails the common sense test. In a state with such abundant clean energy resources, why are we spending time and money to import another foreign fuel source when we could be investing in a grid capable of handling diverse sources of local energy?

So yes, change is hard. All of us who have made a resolution to overhaul our lives in some capacity or another can sympathize with the difficulty of radically re-evaluating how we operate.

This phenomenon is familiar to many environmentalists, for example, who know that animal agriculture is a leading cause of greenhouse gas emissions, water pollution, and habitat destruction, and yet aren't able to make the leap to a plant-based diet. Justifications abound, as well as proposals for a "bridge diet" and a "lesser of two evils" approach. However, as the pace of human consumption proves increasingly catastrophic to our own habitat, a re-evaluation is in order. In our energy use, as in our diet, we find ourselves faced with another truism: change is necessary.



Farewell, Robert!

Many members are perhaps still unaware of the bittersweet news that Robert Harris has stepped down as Director of the Sierra Club of Hawai'i. He resigned to run in the Democratic primary for District 48—Jessica Wooley's old seat in Kaneohe. Unfortunately Robert was pitted against a candidate from a well-connected local family with big financial support from developers and unions, and he narrowly lost.

Though plenty of club leaders begged Robert to return to his old job, he decided it was time to move on and he has accepted the post of Hawai'i state policy director for Sunrun, one of the biggest solar leasing companies in America. This will allow him to play a crucial role in hastening Hawai'i's move to a clean energy economy. We wish him well.

—Anthony Aalto (*A fuller appreciation will appear in the next issue.*)



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Cherish the Earth

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Who gets a **GREEN** thumbs up?

OF COURSE, all candidates say they support Hawai'i's environment (like Mom and apple pie). But who's going to turn words into action? The Sierra Club, Hawai'i Chapter, and its four island groups, sorted through all the candidates and selected the best choices for protecting the 'aina. The candidates endorsed by the Sierra Club will help to protect our beaches and open space, reduce our dependence on foreign oil, and increase funding of environmental programs.

Electing good green leaders to office is half the battle in protecting the environment. One of the most important things you can do for the environment is to vote.

That's why we're making this easy for you. Take these pages with you to the polls or give them to a friend (after you've voted, of course).



U.S. Senate:
Brian Schatz

Congress District 1:
Mark Takai

Congress District 2:
Tulsi Gabbard



**For updates on endorsements
and how you can assist your
candidates, please check out:**

SierraClubHawaii.com

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*Thanks for Voting! Your Green Choices
Keep Hawai'i Nei Vital & Beautiful!*

Nate's Adventures

'Akoko Planthoppers in the Native Forests



by Nate Yuen

We searched the native forests of O'ahu to look for 'akoko planthoppers, a curious-looking insect with a distinctive horn on its forehead longer than the bug itself.

The Hawaiian Islands are home to 22 species of 'akoko—*Chamaesyce*—fifteen of which are endemic, and six of which are endangered. 'Akoko belongs to the Euphorbiaceae family of plants, all of which produce a poisonous milky sap to ward off herbivores. The sticky white sap is caustic and irritating to the skin and eyes.

The amazing thing about this planthopper is that it feeds on the poisonous sap of 'akoko. Hence its name, the 'akoko planthopper or delphacid planthopper. I learned from Betsy Gagne that a Hawaiian nickname, "umi'i 'akoko," was coined for the

planthopper. "Umi'i" is a sharp pain in the side like the piercing of a needle. "Akoko" is the planthopper's host plant.

The 'akoko planthopper, *Dictyophordelphax mirabilis*, is tiny—under a quarter-inch long—and is endemic to O'ahu. There is also an 'akoko planthopper endemic to Kaua'i, *Dictyophordelphax swezeyi*, whose horn is slightly shorter than its O'ahu cousin. These creatures are tiny, not easy to find, and skittish. You must be quiet and move slowly in order not to scare them away.

When I posted video and photos to the Hawaiian Entomology Society Facebook page, I learned from Sam Gon III that like other delphacids, the 'akoko planthopper is a piercing and sucking insect. But curiously, is it not the long horn that does the piercing and sucking.

Karl Magnacca said that the mouth, beak, stylet, or rostrum of the insect is located between the front legs, the dark area under the bug in the photo below.

Will Haines said

*The 'akoko planthopper—*Dictyophordelphax mirabilis*—is tiny—under a quarter inch long—and is endemic to O'ahu. There is also an 'akoko planthopper endemic to Kaua'i—*Dictyophordelphax swezeyi*—whose horn is slightly shorter than its O'ahu cousin.*



that the cephalic horn extends from the forehead of the insect, and is not a nose or mouth-part of any kind. A branch of the gut extends up to the tip of the horn, and one theory is that the horn detoxifies the sap prior to digestion. Other planthoppers in other families around the world have similar horns, and another theory is that the horns have musculature that helps the insect suck up sap.

Still more theories include that

These creatures are tiny, not easy to find, and skittish. You must be quiet and move slowly in order not to scare them away.

the horn plays a protective function—the ingested sap in the horn makes it unpalatable to predators—and that the elongated head camouflages the insect as a thorn or twig.

Feeding on sap can be dangerous. We saw a dead ‘akoko planthopper that appeared to have gotten stuck on some sticky sap, could not free itself, and died.

Thanks to Chris Wong, who spotted all six of the planthoppers we saw and who “took one for the team.”

Thanks to members of the Hawaiian Entomology Society who responded to my inquiries about the ‘akoko planthopper. Mahalo for the great information!

To see more of Nate’s photos of ‘akoko planthoppers, go to <http://hawaiianforest.com/akoko-planthoppers-in-the-native-forests>



One theory is that the horn detoxifies the sap prior to digestion...



...another is that the elongated head camouflages the insect as a thorn or twig.



Feeding on sap can be dangerous. We saw a dead ‘akoko planthopper that appeared to have gotten stuck on some sticky sap, could not free itself, and died.

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.



Politics, Politics, Politics . . .

The O'ahu Group has been embroiled in politics for the last two months, leaving little time for regular club activities.

Our vice chair, Matt LoPresti, recused himself from Executive Committee responsibilities while he focused on his campaign to win the Democratic nomination for the District 41 (Ewa) seat in the state House of Representatives. He worked extremely hard and was rewarded with a resounding victory. We hope that members of the club will contribute to his general election campaign by volunteering their free time and/or their wallets.

Leilei Shih volunteered to serve as treasurer of the club's Political Action Committee. Steve Montgomery served as co-chair of the Chapter's political committee, on which Albert Perez served while also Chairing the O'ahu political committee. Randy Ching served as chair of the Political Action Committee before traveling to the mainland and since his return has been helping keep the office running while our Director, Robert Harris, worked extremely hard in an ultimately unsuccessful bid for the Democratic primary in state House of Representatives District 48 (Kailua). Leilei, Steve, Albert, and Randy all volunteered to help the campaigns of several of the candidates we have supported, as did our secretary Elliot Van Wie and Blake McElheny, who worked on campaigns for candidates on the North Shore. As for me, I was press-ganged into serving as chair of the state Political Action Committee and spent much of my time fundraising and preparing campaign materials for the candidates backed by the PAC.

Campaign spending laws require a strict demarcation between political



The ag lands that Sierra Club is fighting to keep as productive farms. Photo credit: Mike Hinchey

activity and our normal not-for-profit campaigns, and we were careful to observe the rules. Fortunately our political activities fell during a relatively quiet period of regular Club business, but that is about to change.

STOP Paving Paradise!

D.R. Horton has somehow convinced the state Department of Transportation that it has a plan to deal with the ridiculous amount of traffic its Ho'opili project will generate. With DOT approval now secured, the developer has asked the city's Department of Planning & Permitting to rezone more than 1,200 acres of the most productive food-growing farmland in the state from agricultural to residential and commercial. We plan to fight them every step of the way. We understand the need for affordable housing and we even like some of the denser designs incorporated in the Ho'opili plan—we simply believe this housing belongs in areas where we have already built: in Iwilei, Kalihi, Palama, Waipahu, near Leeward Community College, etc.

We know how many begging letters and emails you have been getting this campaign season, but we are appealing to our members to contribute to our efforts. We believe it is outrageous for the city to even contemplate rezoning

this ag land, especially when our two appeals to the state Supreme Court—to reverse the Land Use Commission's decisions to allow Ho'opili and Koa Ridge to be paved over—are about to be heard. We are lobbying the members of the City Council to reject Horton's request. We intend to launch a petition, a radio advertising campaign, door-to-door canvassing, and various other activities to pressure the Council.

We could really do with your help. If you want to volunteer to do some phone banking, neighborhood canvassing, petition signature gathering, or lobbying, please let us know by emailing sierracluboahugroup@gmail.com. We could also really use some financial backing. *Thanks to a generous offer from one of our members, every dollar we receive will automatically be doubled!*

Here are three easy ways to contribute:

- 1) Send checks to: Sierra Club, O'ahu Group, P.O. Box 2577, Honolulu, HI 96803 Write "Save Our Farms Campaign" in the memo line
- 2) Go online at sierraclubhawaii.com/donate In the "Special Instructions" box: "For O'ahu Group Save Our Farms Campaign"
- 3) Call: 538-6616

Anthony Aalto
Chair, O'ahu Group



O'ahu Group Outings

SEE PAGE 11 FOR GENERAL
OUTINGS INFORMATION

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

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

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

Saturday, October 4

Photography Hike: Wahiawā Botanical Garden (E/F)

1 mi/Easy/Garden/Wahiawā
Reservations required. Please contact leader directly. The pace of photography hikes is extremely slow. Enjoy a tropical botanical garden with native plants, colorful flowers, and foliage. Stan Oka 429-9814, Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925

Sunday, October 5

Kaukonahua (F)

6 mi/Moderate/+-500'/Wahiawā
We'll look for native birds as we make our way to a swimming hole. Gwen Sinclair ginsclair@gmail.com, 753-0528

Saturday, October 11

MCBH Kāne'ōhe Bay Service Project (S)

Reservations required by October 10. We will be helping clear wetland of mangrove plants to create habitat for Hawai'i's endangered waterbirds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a

waiver which you must bring with you. Contact Dan Anderson at 690-0479 or danderhi@gmail.com. Deborah Blair 955-4168

Saturday to Monday, October 18-20

Haleakalā National Park, Maui (S)

Our accommodation for the weekend is Kapalaoa Cabin situated in the center of Haleakalā Crater. The work will be eradicating California telegraph plant and plantago. This trip is for hikers in good physical condition and for those who don't mind roughing it. We have a 7-mile hike in via the Sliding Sands Trail and we will exit via the Halemau'u trail. Participants should be prepared to deal with the elevation. The cabin was built in the 1930s by CCC workers and is rustic. There are no washroom or shower facilities, but there is an outhouse. We do have a 2-burner gas stove top and a wood-burning stove to cook and keep warm. The reward is spending the weekend in a beautiful and fascinating national park. Dan Anderson danderhi@gmail.com, 690-0479

Saturday, October 18

Manana Trail Service Project (S)

We will hike about 1.5 miles up the Manana Trail and remove the Australian tea trees, paper bark trees and other invasive species that are inhibiting the growth of koa trees and other native plants along the trail. Bring small pruning saws or clippers. The leader will have some tools available for those who don't have them. Be sure to bring plenty of water and a willingness to do some light work. Meet at the end of Komo Mai Drive in Pacific Palisades above Pearl City at 8:30 am. Ed Mersino 455-8193, mersino@hawaii.edu

3-Day Haleakalā Service Trip



Saturday to Monday, October 18-20

Haleakalā National Park, Maui (S)

Leader: Dan Anderson

danderhi@gmail.com, 690-0479

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





O'ahu Group Outings



Sunday, October 26

Kuli'ou'ou Loop (F)

4 mi/Strenuous/Mostly ridge/Kuli'ou'ou
Reservations required. We go up the Nā Ala Hele Trail to the summit and descend by the Sidedoor Trail. On the ascent, we traverse 260 steps put in by the Sierra Club. On the descent, we turn left at the Boy Scout shelter and work our way down a little-used trail. Some steep downhill sections. Hiking stick(s) recommended. Randy Ching makikirandy@yahoo.com

Sunday, November 2

Pu'u 'Ōhi'a/Tantalus Crater (F)

2 mi/Easy/Ridge crater/Tantalus
Reservations required. Please contact leader directly. Wet rainforest environment with many native plants. Low light conditions. Bring mosquito repellent and raingear. John Shimogawa 227-9925, Clyde Kobashigawa clydekobashigawa@clearwire.net

Saturday, November 8

Ala Wai Boat Harbor Cleanup (S)

Meet at 8 am 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 'ēwa of Hilton Lagoon. We will use nets and scoops

to remove marine debris from the boat harbor. 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-toed shoes only. No slippers or sandals of any kind. Deborah Blair 955-4168

Sunday, November 16

Hawai'iloa Ridge (F)

5 mi/Strenuous/Ridge/Hawai'i Loa
Reservations required. We'll see many native plants on the second half of this trail as well as climb many steps put in by HTMC and Sierra Club volunteers. Enjoy gorgeous views along the way and stunning views (usually) of the windward side at the summit. Steep sections near the top provide a good cardio workout! Randy Ching makikirandy@yahoo.com, Jean Fujikawa

Sunday, November 23

Gwen's Birthday Hike (F)

6 mi/Moderate/Ridge/Kapālama
Reservations required by Nov. 20. We'll be hiking from Gwen's house. Meeting time and place will be provided to registered participants. Enjoy great views of Nu'uaniu Valley on this shaded trail with 'ōhi'a and koa trees, other native plants, and cool trade winds. Cake and ice cream afterward! Gwen Sinclair 808-753-0528, gsinclair@gmail.com

Sunday, November 30

Wa'ahila Ridge to Mānoa Valley via Kolowalu Trail (F)

4 mi/Ridge/Valley/Mānoa
Wa'ahila Ridge Trail begins at the back of Wa'ahila Ridge State Park in ironwood and guava trees. It traverses alternately between open ridge and forest as it gradually ascends the ridge

between Mānoa and Pālolo Valleys. It offers spectacular views of Mānoa Valley, Pālolo Valley, Honolulu, and the Kō'olau Range. Native Hawaiian plants are common along the upper portions of this trail, including koa and 'ōhi'a lehua. We descend Kolowalu trail to back of Mānoa Valley. Road hike back to parked cars at Mānoa Library. Dan Anderson 690-0479, danderhi@gmail.com

Sunday, December 7

Sierra Seminar: Hui Kū Maoli Ola and Papahana Kuaola (F/E)

Attendance is limited and reservations are required. Please contact leader directly. Join us on 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 by integrating educational opportunities with habitat restoration and providing high-quality native Hawaiian plants in many of their projects. This is a unique opportunity to see and hear their incredible story first hand. Stan Oka 429-9814, Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925, Susan Tom

Sunday, December 7

Sandy Beach Cleanup (S)

Meet at 8:30 am at Sandy Beach bathroom at the eastern side of beach park. (Bathroom closer to Makapu'u.) We will cleanup along highway and coastal areas until 10:30 am. Bags and gloves provided. All participants under 18 must have a waiver signed by their legal guardian. No one under 18 will be allowed to clean on the highway and will spend their time cleaning the beach and park area. Closed-toe shoes only.



SIERRA CLUB
OF HAWAII
MĀLAMA I KA HONUA

O'ahu Group Outings

No slippers or sandals of any kind. Call Tred 394-2898 for information. Deborah Blair 955-4168

Saturday, December 13

MCBH Kāne'ōhe Bay Service Project (S)
Reservations required by December 12. We will be working to help clear wetland of mangrove plants to create habitat for Hawai'i's endangered waterbirds. Because MCBH is a secured military facility, we must provide your name to the base in advance. We'll send you a waiver which you must bring with you. Contact Dan Anderson at 690-0479 or danderhi@gmail.com. Deborah Blair 955-4168

Sunday, December 14

Ehukai (F)
3 mi/Moderate/+-600'/Ridge/Pūpūkea
Explore the Pūpūkea Paumalū State Park Reserve on this loop hike. Gwen Sinclair 753-0528, gsinclair@gmail.com

Sunday, December 14

Photography Hike: Ka'ena Point (E/F)
5 mi/Easy/Coast/Wai'anae

Reservations required. Please contact leader directly. 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 am since the drive to the trailhead is very long. Clyde Kobashigawa clydekobashigawa@clearwire.net, John Shimogawa 227-9925



Sunday, December 21

Kuli'ou'ou Loop (F)
4 mi/Strenuous/Mostly ridge/Kuli'ou'ou
Reservations required. We go up the Nā Ala Hele Trail to the summit and descend by the Sidedoor Trail. On the ascent, we traverse 260 steps put in by the Sierra Club. On the descent, we turn left at the Boy Scout shelter and work our way down a little-used trail. Some steep downhill sections. Hiking stick(s) recommended. Randy Ching makikirandy@yahoo.com

Sunday, December 28

Photography Hike: Pālehua-Paliikea (E/F)
Reservations required three weeks prior. Please contact leader directly. 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, Susan Tom

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 tabis 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.



Preventing the Loss of Ancient Trails on Private Property

Frustrated by the increasing loss of historic public trails traversing private property, a free public workshop, "Preserving Ancient Access Trails," was convened mid-August by trail advocates Hope and Tim Kallai. Co-sponsored by Sierra Club Kaua'i Group and others, the event featured speakers from throughout the state offering pragmatic legal and policy advice, cultural history, and spirituality.

An important component of the discussions was an examination of Hawai'i's wealth of trail laws relating to the public trust and government ownership. One of the last bills signed into law by Queen Lili'uokalani before the overthrow of the Hawaiian government was the Highways Act of 1892. It remains on the books today in the form of Hawai'i Revised Statutes 2641(b): *All trails, and other nonvehicular rights-of-way in the State declared to be public rights-of-ways by the Highways Act of 1892, or opened, laid out, or built by the government or otherwise created or vested as nonvehicular public rights-of-way at any time thereafter, or in the future, are declared to be public trails.*

The state has a clear fiduciary obligation to protect historic trails. Contradictory claims by private landowners and overblown concerns about liability require strong leadership to take action to protect these public trust assets and heritage sites.

Encouragingly, our concerns are resonating—a 2014 state legislative budget appropriation approved \$170,000 for historic alaloa trail restoration and management on Kaua'i to include an archeological survey, an environmental assessment, and a metes and bounds land survey for adoption into the Na Ala Hele Program.

Proposed Dairy at Maha'ulepu Sued by Neighboring Landowner



Artist Eileen Kechloian
kauaiartwork.com

Development LLP, Hawaii-based owner of the Grand Hyatt Kaua'i Resort and the Poipu Bay Golf Course (the nearest neighboring landowner), has filed suit in Fifth Circuit Court against HDF's planned dairy on 578 acres leased from Grove Farm Company. Phase 1 starts with 699 cows, increasing to 2,000 in Phase 2.

Kawailoa is claiming its business, recreational, environmental, and aesthetic interests would be adversely affected by the dairy farm and its effluent ponds. It is seeking declaratory relief, asking the court to order the dairy to follow the Hawai'i Environmental Protection Act framework review of activities that utilize any wastewater treatment. The suit seeks an environmental assessment, and injunctive relief for any irreparable harm that would occur if operations continue without an environmental review—or to declare the dairy a public nuisance. HDF is currently waiting on approval of its Waste Management Plan by the Department of Health.

With HDF's dependence on imports

The controversy continues surrounding Hawai'i Dairy Farm's (HDF) proposed operations on Kaua'i's south shore at Maha'ulepu. Kawailoa

such as unspecified fertilizers and fortified animal feed, and the volume of potable water used but not recycled, the dairy cannot accurately be described as sustainable.

Considering that more than 150,000 tons of manure will be produced every month and that three county water wells are in close proximity, there are serious health hazards and environmental risks threatening Maha'ulepu's beautiful, ecologically unique, and culturally significant coastline.

RIMPAC Follow-up

RIMPAC (Rim of the Pacific) is the world's largest international maritime exercise, a biennial event off the shores of Kaua'i and O'ahu. This year it involved 22 nations, 49 warships, 6 submarines, 200+ aircraft, 25,000 personnel, and countless bombs, missiles, torpedoes, and the sinking of inactive naval ships.

Coincidentally, there were fish kills and whale deaths near O'ahu, and a pilot whale washed ashore in Hanalei Bay. NOAA's Marine Mammal Division is coordinating the tissue research, but results will take several months. Some believe that the deep-water whale developed an embolism as it quickly surfaced to avoid the Navy's sonar.

The likelihood of impacts from untreated sewage discharged into concentrated areas offshore may be significant as well. Military ships generally do not have wastewater treatment onboard and the Navy is exempt from state sewage regulations.

Kaua'i Group's efforts for marine and coastal protection were supported by the educational coalition Oceans4peace.org, which mobilized media coverage detailing RIMPAC's environmental impacts. Three educational events aired on community TV, along with two sign-waving gatherings and several radio interviews.



Kaua'i Group Outings

**SEE PAGE 11 FOR GENERAL
OUTINGS INFORMATION**

Join us on one of these outings to explore Kaua'i. Please note the level of hiking proficiency and round-trip mileage for each hike. Pack rain gear, sufficient water, lunch, hat. Wear shoes with a good grip; no sandals or flip-flops. Participants must sign a liability waiver. Requested donation for hikes: \$1 from Sierra Club members and participants under 18, \$5 for non-members. You can sign up to become a member on the outing. Children are welcome on hikes at the discretion of hike leader; under 18 allowed only with an adult.

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

Sunday, October 5

Tour de Poipu Bike Ride/South Shore/13 mi. (C/F) Mostly flat but some moderate hills. BYOB (bring your own bike). Helmets required. Allan Rachap 212-3108

Monday, October 6

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

Monday, October 13 Discoverer's Day

Lepe'uli Beach (Larsen's) and Waipake Coastal Walk/moderate/East Side/4.5 mi. (C/E/F) Walk along a beautiful beach up to a breathtaking vista and on to secluded Waipake Beach. Judy Dalton 246-9067

Saturday, October 25

Donkey Beach Cleanup/East Shore/moderately easy (S) Sierra Club and Surfrider team up to help protect marine life, the reef and ocean from litter and fishing net entanglement. Look for banners at the parking lot above Donkey Beach between the 11 and 12-mile highway markers by Public Shoreline Access sign.

9 am until noon. Bags, gloves, and snacks provided. Noel Kuehner 634-1711

Monday, November 3

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

Thursday, November 6

Sunset to Full Moon Coastal Walk on East Shore/4.5 mi. one way with car shuttle (C/E/F) Start at Kuna Bay (Donkey Beach) in the late afternoon walking along the spectacular coastline to Kapa'a. Judy Dalton 246-9067

Sunday, November 9

Maha'ulepu and Makauwahi Cave Reserve/South Shore/moderate/3 mi. (C/E/F) Enjoy the majestic coastline. Visit the world-class sinkhole/cave archeological site. Allan Rachap 212-3108

Saturday, November 15

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

Saturday, November 22

Kealia Beach Cleanup/East Shore/easy (S) Sierra Club and Surfrider collaborate to protect marine and other wildlife, the reef, and ocean from marine debris. Look for banners at parking lot. Bring water and hat. We'll supply gloves, bags, and refreshments. 9 am to noon. Don Kolendra 821-8291

Sunday, November 23

Wailua River Kayak trip/East Side/moderate/2 mi. (C/E) We'll be paddling doubles donated by Kayak Kaua'i and cleaning up trash as we make our way up the river and hike to the Falls. Limited to 12. Sierra Club members only. Jane Schmitt 826-6105

Monday, December 1

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

Friday, December 5

Hanalei Bay Full Moon Stroll/North Shore/2 mi./easy (C/F) Take an evening stroll on the wide sands of beautiful Hanalei Bay under a full moon. Jane Schmitt 826-6105

Saturday, December 6

Maha'ulepu Sunset to Full Moon Walk/South Shore/moderate/3.5 mi. (C/E/F) Start out mid-afternoon from Shipwreck Beach walking along the coast to Maha'ulepu. Enjoy the setting sun and the full moon rise. Spectacular coastal walk. Car shuttle for one-way hike. Greg Peters 413-522-3734

Saturday, December 13

Nawiliwili Lighthouse Coastal Walk/moderate/3 mi. (C/E/F) Hike from Kalapaki Beach to Nawiliwili Lighthouse, then along the coast to Hanama'ulu Bay with shuttle to return. Mostly flat and easy walking. Spectacular views. Ken Fasig 346-1229

Saturday, December 27

Nukoli'i Beach Cleanup/East Shore/easy (S) Sierra Club and Surfrider team up to remove litter. Turn makai off the highway just south of the Wailua Golf Course onto unpaved road past the Moto Cross Track to the beach. Look for organizations' signs. Bring hat and water. Gloves, bags, and snacks provided. 9 am to noon. Judy Dalton 246-9067

Wednesday, December 31

Ha'ena to Ke'e Sunset Moonlight Walk/North Shore/easy/2.5 mi. (C/F) A serene way to end the year: A chance to see the last sunset of the year and return by moonlight. Kathy Valier 826-7302



Maui Group Report & Outings



Maui County has a ballot initiative to put a temporary moratorium on the cultivation of genetically engineered crops. Among other environmental problems, GE crops have led to the loss of milkweed that Monarch butterflies depend on and the loss of other sources of nectar and pollen that wild pollinators require to survive. This is an environmental side effect of intensive herbicide use associated with GE crops.

CHAIR'S REPORT

Election season is upon us and while not everyone may enjoy this time, I urge you to remember that you have a right to vote and thus a large role to play in our democratic process. There have been many people, organizations, and corporations that have been undermining the right to vote and the desire to vote. For those who feel apathetic about our election process I urge you to look at how few votes it takes to sway local politics out of the hands of those who do not represent the people and the environment. In our recent primary election we saw many close races that could have changed course by just a few hundred votes.

There are some people who want to do more than cast a vote. I urge those who do to support a candidate or our efforts either monetarily or by phone banking or driving your friends to the polls. There are many ways to get involved.

Maui County has a ballot initiative

to put a temporary moratorium on the cultivation of genetically modified organisms. I personally urge you to vote yes on this question when you go to the polls. The Sierra Club supports the position that scientific evidence of safety needs to be provided before continuing the cultivation of genetically modified organisms. Read more here: vault.sierraclub.org/biotech/intro.aspx

We have real environmentalists, dedicated and hardworking, running for election to local offices, and I urge you to support them. At the Sierra Club we thoroughly vet and determine the best candidates for our endorsements. These people have demonstrated a strong support of our environmental goals and club policies. Thanks for taking the time to engage your civic duties and support champions for the environment!

Chris Taylor
Chair, Maui Group

OUTINGS

SEE PAGE 11 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 EMI office well in advance at 808-579-9516 to request a waiver and make an appointment to come in and 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 5

'Iao Ramble hike and swim, 'Iao Valley (C/E)

D= 2 mi R/T. Enjoy a walk through 'Iao Valley. Visit restored Taro lo'i and a nice swimming hole. Come prepared for possible wet/muddy trails and bring swim gear. Meet 8 a.m. at Ka'ahumanu center near Sears Tires. Limit 15. Contact Hike Leader Kalei Johnson kalei1908@gmail.com or 344-0006, and leave your phone number for registration.

Sunday, October 12

Waikapu Stream Trail Improvement/ Hike and Swim (S/C/E)

D=3 mi R/T. Help clear away overgrowth from trail along south (Tropical Plantation) side of Waikapu stream then enjoy a short hike and swim. Water-friendly footwear required. Bring loppers, small saws, cane knives, gloves, water, lunch/snack. Meet 9 a.m. Maui Tropical Plantation parking lot south end. Limit 18. Contact Hike Leader Robin West rwest808@yahoo.com





Maui Group Outings

Saturday, October 18

Baldwin Beach Cleanup, Spreckelsville to Hoōkipa 9 to 11:30 a.m. (S/C)

Get the Drift and Bag It cleanup on North Shore beaches. Sponsored by Surfriider Maui and Flatbread Pizza with +H20. Meet at 9 a.m. at Baldwin Beach Park lawn. All supplies provided. All welcome. No registration.



Friday, October 24 (or Sunday, October 19)

Kulanihako'i /Ka'ono'ulu Gulch hike (Kihei) (C/E)

D=3 mi R/T. Easy hike along a scenic gulch. Rock formations and dramatic views. Across from area discussed for development as "Pi'ilani Promenade." Bring water/hat/ sturdy shoes for varied terrain. Meet at 9 a.m. Ka'ono'ulu Street and Kenolio Road. Limit 15. Contact Leader Rob Weltman robw@worldspot.com

Saturday, November 1

Olowalu Stream hike (C/E)

D = 3 mi R/T Moderate, but has numerous stream crossings. Hike legendary Olowalu stream with its shaded banks and ancient cultural sites. Bring drinking water, stream friendly footwear, lunch, hat. Meet 8 a.m. at Maui Ocean Center parking lot in Ma'alaea, near gas station. Limit 15. Contact hike leader Kalei Johnson kalei1908@gmail.com 344-0006 and leave your phone number for registration.

Sunday, November 16

Lahaina Pali hike/ dual direction (C/E)

D= 5 mi. We will split up into two groups—one hiking from Ukumehame to Ma'alaea and the other one in the other direction, exchanging car keys mid-way. Rugged trail gains almost 2,500 feet, passing Kaheawa Wind turbines. Almost no shade but great views both sides. Sturdy boots, sunscreen, and hat are recommended. A hiking stick is useful. Bring lots of water. Meet 8:00 a.m. at Maui Ocean Center parking by the gas station. Limit 18. Contact Leader Rob Weltman robw@worldspot.com

Friday, November 28

Lua'ailua Hills trail in Kahikinui area (C/E)

D= 5 mi. Strenuous. Explore traditional trails used over centuries in remote Kahikinui. Native plants. Cultural sites. Magnificent views. Open, mostly unshaded area. Bring lots of water, hat, sturdy footwear, lunch. Meet 8 a.m. Pukalani Terrace Shopping Center near Ace Hardware. Limit 12. Contact Leader Lucienne de Naie, laluz@maui.net or 214-0147.

Saturday, December 6

Haleakalā Supply Trail Hike (E)

D=5 mi R/T. Moderate, but high altitude. Beautiful views along trail. Begin Hosmer's Grove campground uphill 2.5 miles to crater rim (lunch and views). Prepare for wet/windy conditions. Meet 8:30 a.m. Pukalani Terrace Shopping Center near Ace Hardware. Wear footwear for rocky conditions. Bring hat, jacket, lunch, plenty of water, and a park pass (if you have). Register: Kalei Johnson kalei1908@gmail.com or 344-0006 and leave your phone number for registration.



Friday, December 12

Keone'o'io Bay-Hoapili Trail Adventure ("La Perouse" Bay, South Maui) (C/E)

D=up to 12 mi R/T. Strenuous. Rugged lava. Hoapili Trail south to Maui's most remote and beautiful areas. Sturdy closed footwear, lunch, plenty of water a must! All day. Meet 8:00 a.m. at Kihei Community Center parking lot (by pool) to carpool. Limit 18. Register: Lucienne de Naie, laluz@maui.net or 214-0147.

Sunday, December 28

Polipoli Trail Hike (C/E)

D = 6 miles R/T. Forested trails with fabulous views. Bring lunch, sunscreen, and water. Meet at Pukalani ACE parking lot at 8 a.m. Limit 12. 4WD good, but any car with good clearance can make road under good conditions. Register with Hike Leader Jake Hargis hargis08@gmail.com



Moku Loa Group Report & Outings

Puna is fighting back after a triple whammy:

- A geothermal release while residents were trapped in their homes by near-hurricane conditions and blocked roads, after trees and power lines fell. Monitors for hazardous gases went down, because the power went off and there was no backup generator. Several residents reported falling asleep for hours, then feeling unwell for days afterwards. The release could have been prevented by simply shutting off the geothermal plant before the storm.
- Storm effects—damage to homes, blocked roads, and loss of power and communication (for weeks, in places).
- A quickly scheduled election that drew an unsuccessful lawsuit from the American Civil Liberties Union—some roads were still blocked and people were still struggling to meet basic needs.

Sierra Club supports a hard look at geothermal safety, and dealing with the invasive albizia trees that caused many of the road blockages. (Many albizias remain.)

Thirty Meter Telescope: Moku Loa Group supports the efforts of activists

who have intervened in the effort by the Thirty Meter Telescope corporation and the University of Hawai'i to expand the industrial footprint on the unique geologic landscape and fragile habitat of endemic flora and fauna of the Mauna Kea summit area. Judicial review by the Third Circuit and Intermediate Court of Appeals are pending. Meanwhile the effects of climate change, more pronounced at higher elevations, have led to drier conditions, impacting wekiu bug populations and the water level at Lake Waiau.

The Kealakehe Wastewater Treatment Plant in Kona has been dumping sewage into a hole in the ground for twenty years where it then goes into the ocean causing pollution. A recent federal decision won by Sierra Club and other groups on Maui ruled such discharges are illegal. So, Sierra Club is looking to end the illegal discharges by Hawai'i County and go back into court and force recycling of the treated effluent which has always been the plan.

The county is forging ahead with plans for a garbage incinerator, despite major concerns. It may burn material that could be recycled or used for compost

and mulch. The county would have to pay if it didn't produce enough garbage to burn—as O'ahu just paid. Risks from toxic smoke and ash would have to be dealt with. Taxpayers would be locked into a 30-year contract for a \$125 million project—probably the biggest in county history. Sierra Club continues to publicize concerns and support zero waste, and partnered with Recycle Hawai'i on candidate forums highlighting these issues.

Cory Harden
Conservation

OUTINGS

SEE PAGE 11 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.

Moku Loa Group Fundraiser

Garage Sale at Maku'u Market • Sunday, October 26, 7 a.m. to 2 p.m.

Please donate anything you can, volunteer to work the booth, or just come and talk story. To donate your tax-deductible treasures, please call Jim Buck at 315-7914 ASAP. **Mahalo.**

Suggestions: housewares, glassware, tableware, Hawaiiana, memorabilia, books, CDs, musical instruments, sporting goods, nice clothes, plants, homemade baked goods.



Moku Loa Group Outings

For full descriptions and updates go to hi.sierraclub.org/Hawaii/outings.html

Saturday, October 4

Pu'u Maka'ala Reserve Rain Forest Hike (F)

D= 1-2 miles, E= 4,670'

This ohia rain forest trail starts near the Stainback Highway, between Kulani Road and the prison. We will look for birds and native plants, including Pritchardia palms. We'll leave early as it requires a 4WD shuttle. Bring lunch, snacks, and 2 quarts of water. Be prepared for hot and humid or chilly, rainy, and muddy conditions. Leaders Jim Buck 315-7914 and Diane Ware 967-8642.

Saturday, October 11

Kulani Peak Trail Day Hike (E)

D = 8 miles, E = 3,900', + / - 1,000'

Join us and see the "walking ohia" trees in 'O'la'a forest and the views from Kulani Peak if it's not cloudy. Leaders: Linda Larish 966-6337 and Kana Covington 966-8431.

Saturday, October 18

Kiholo Fish Ponds Service Project (E, S)

D = 1 mile, E = sea level

Join The Nature Conservancy for a volunteer work day at Kiholo Fishpond. With your kokua, we will be revitalizing the fishponds of Kiholo by removing invasive vegetation from the pond edge and clearing old debris. Swimming and snorkeling are options after service work is completed. Leaders: Diane Ware 967-8642 and Rich Vogler 328-8387.

Saturday, November 1

Outing Leaders' Meeting

Details to be announced. New leaders are welcome; call Diane Ware 967-8642 or Sarah Moon 935-3475

Saturday, November 15

Restoration of Keau'ohana Rainforest (S, E, C)

D = 0.5 miles, E = 600'

Join the nonprofit group Malama O Puna in its efforts to restore the largest and most intact lowland native forest remaining in the state. You will learn about a unique forest habitat with numerous native plant species, including the endangered Ha'iwale, which is found only in the Puna District. Bring mosquito repellent, work gloves, raingear, good boots, and a willingness to work. Leaders: Linda Larish 966-6337 and Kana Covington 966-8431.

Saturday, November 15

Lokoaka Trails Service Day

Clean trails leading along the Hilo shoreline. Leader: Sarah Moon 935-3475

Saturday, November 22

The Red Road Family Bike Outing,

Pohoiki to Kaimu (F)

D=12 miles, E= sea level

Mountain bike the coastal road from Isaac Hale Beach Park to Uncle Robert's, stopping at interesting viewpoints, lava tubes, the 1950 eruption, tidepools, and the new black sand beach. Required equipment: bicycle, pump, spare tube, helmet, gloves, closed-toe shoes, daypack or panier with 3 quarts of water, snacks, and lunch. Bring the whole family on this easy-paced ride. Leaders: Jim Buck 315-7914 and Diane Ware 967-8642.

Sunday, November 30

Haao Springs Road Loop Hike (E)

D = 5 miles, E = 1,900', +400/-1000'

Hike near Waiohinu on the southern end of the Big Island. We start at the Kiolakaa Ranger Station and end at the bottom of Haao Springs Road where

it meets Highway 11. The hike transits a one-way distance of 5 miles on jeep roads that are very steep. Leaders: Diane Ware 967-8642 and Rich Vogler 328-8387.

Saturday, December 6

Makaopuhi Crater Hike (E)

D=8.5 miles, E= -1,000', Starting elevation: 3,000'

Enjoy fantastic views of Mauna Ulu and Makaopuhi Crater on this moderate hike. Starts at Napau Trail parking lot and ends at Kealakomo Lookout on the Chain of Craters Road. Leaders: Kana Covington 966-8431 and Linda Larish 966-6337.

Saturday, December 20

Restoration of Keau'ohana Rainforest (S, E, C)

D = 0.5 miles, E = 600'

Join the nonprofit group Malama O Puna in its efforts to restore the largest and most intact lowland native forest remaining in the state. You will learn about a unique forest habitat with numerous native plant species including the endangered Ha'iwale, which is found only in the Puna District. Bring mosquito repellent, work gloves, raingear, good boots, and a willingness to work. Leaders: Kana Covington 966-8431 and Linda Larish 966-6337.

Sunday, December 28

Volcanoes NP Loop Hike, Waldron Ledge, through Kilauea Iki Crater and back via Kilauea Iki Rim (E)

D = 6 miles, E = 3,700', +400/- 400'

This hike is in Hawai'i Volcanoes National Park. We will start and end at the Visitors Center, covering 6 miles on well-maintained park trails. Leaders: Diane Ware 967-8642 and Rich Vogler 328-8387.

Volunteers in the Spotlight

MAUI GROUP

Neola Caveny

Plant Person Extraordinaire!



Neola Caveny has lived on Maui for over 30 years. Neola is a longtime student of hula and has

recently also begun to study traditional kapa cloth preparation. But above all, Neola is a true plant person, from the hundreds of plants she nurtures on her two-acre flower farm in rural East Maui, to the intricate native plant designs she carves into her unique natural gourd art pieces featured in local galleries. A longtime Sierra Club member, Neola first got involved with the Sierra Club by enjoying Maui Group hikes, and later became a hike leader herself.

Over the years she has served as a Maui Group Executive Committee member and chaired Maui Group's memorable 25th anniversary gala fundraiser. For her many contributions she has been named one of Sierra Club Maui's past Volunteers of the Year.

Over the past 10 years Neola has been a mainstay of the Maui Group's annual spring plant sale, the group's major fundraiser. She helps pick up and deliver plants for the sale, as well as spending many hours herself and directing other volunteers on identifying, pricing, and arranging the hundreds of donated plants.

The real fun comes the day of the event itself. The first buyers appear at 8 a.m., an hour before the event even opens, looking for the rare and unusual. Neola's knowledge of the many interesting plants that are donated by

Sierra Club supporters island-wide is one of the keys to the success of the event. Maui Group is very appreciative that Neola is willing to share her skills and talents every year (as well as plants from her farm) and the next generation of plant sale volunteers are learning the ropes as they all work together.

HAWAII CHAPTER

Brodie Lockard

Advocate for Solar



Brodie Lockard is a successful software developer who is passionate about the environment. He worked on the

Club's solar campaign, including representing the Chapter at the HECO stockholder meeting, and has been generously engaged since then. He also volunteers with various political groups, and recently joined the board of Common Cause Hawai'i. He holds B.A.S. and M.A. degrees from Stanford. He designed and wrote educational software for college and medical students for 13 years, and has published seven commercial software games. He moved to Windward O'ahu in 2000.

How and when did you first get involved with the Sierra Club?

I attended a pro-solar protest in front of HECO headquarters.

Why did you choose to work for the Chapter's solar campaign?

O'ahu customers and HECO are running headlong into the uncertain future of electric utilities, with other states just a few years behind. A HECO

executive recently commented, "There's no model for us to follow, no resource for us to tap into." I wanted to help the Sierra Club push HECO in the right direction.

What other issues are you passionate about? How do you set priorities among your chosen causes?

Other important issues will come and go, but climate change will affect everything that lives on Earth, for centuries. Just because your back yard isn't on fire and the tides aren't at your front porch doesn't mean you won't be affected. And why isn't this fixed already? Campaign finance is why.

Tell us about the HECO stockholder meeting. What were the highlights?

When I asked whether HECO's executives were willing to tie their compensation to the expansion of rooftop solar, the immediate response was "Absolutely!" We'll see whether that holds true.

In a Voice of Kapolei article you wrote last year about the Hawai'i law providing no-money-down solar panels you described why our state faces the gravest threat from climate change of any state. Are you optimistic or pessimistic when you look at the environmental challenges facing our islands?

I'm pessimistic and optimistic. Hawai'i will suffer significantly because climate deniers were too influential, thanks to the support of the fossil fuel industry, and world leaders should have acted 20 years ago. But the politics are finally budging, and HECO's plan looks better than I expected, although their plan to retrofit for LNG (liquid natural gas) seems a complete waste when we have so many renewables here that MECO is curtailing wind energy production. We should be storing the excess power, and HECO is planning to. A smarter grid will help, and 65 percent renewables by 2030 has to make you optimistic.

Candidate Biographies:

Vote for Your Sierra Club Leadership!

Chapter Executive Committee Candidate Biographies

Roberta Brashear-Kaulfers

Roberta Brashear-Kaulfers, a Big Island resident and Sierra Club member for 28 years, has served as Chapter chair, and is currently Executive Committee secretary and Council of Club Leaders delegate. She is a biology professor at Hawai'i Community College, and former Earth Fair coordinator, where she encourages youth engagement in environmental programs. She wants the Chapter to continue to solicit national support for our local conservation work.

Sheila Sarhangi

Sheila Sarhangi is a strategic communications professional who specializes in policy and behavioral change for conservation initiatives. She is an award-winning environmental writer for regional and national publications, a trusted community organizer, and a passionate communications trainer for governments, communities, and nonprofits in Hawai'i, Papua New Guinea, Fiji, Indonesia, and Micronesia. She has served on the Hawai'i Chapter Executive Committee since 2011.

Colin A. Yost, Esq.

Colin Yost is a Principal/General Counsel for Hawai'i solar company RevoluSun. Prior to RevoluSun, Colin's law firm Cruise & Yost represented the Sierra Club in Koa Ridge and other cases. From 1998-2003, Colin served as an Assistant Attorney General in Oregon, where he led the prosecution of Enron's energy market manipulation. Colin has a B.A. in English/Environmental Studies from the University of Pennsylvania, and a J.D. from Lewis & Clark Law School.

Christine L. Andrews, J.D.

As a longtime Maui resident and Sierra Club member, Christine champions public energy policy shifts addressing climate change, and advocates for solar- and wind-powered electric vehicles on Maui. Her policy advocacy work resulted in a Notice of Violation (and a \$1.3 million fine) for HC&S Pu'unene Mill, whose emissions affected her family's health. Christine also works on land use issues, including regulation of pesticide drift and GMO cultivation.

Steve Holmes

Steve Holmes, former Energy and Sustainability Coordinator for the City and County of Honolulu, won the U.S. Department of Energy's Energy Champion Award in 2002. He served 12 years on the Honolulu City Council putting large areas into parks and preservation. Steve served as Hawai'i Chapter conservation chair, Executive Director of Hawai'i's Thousand Friends, and president of Kokua Hilo Bay, and he has won numerous environmental awards.

Christina Lizzi

Christina Lizzi is passionate about the environment with a background in national nonprofit organizing, lobbying, and policy analysis. She is currently pursuing a J.D. at the University of Hawai'i Richardson School of Law, and is a grant-writing, research, and outreach consultant for nonprofits. Previously, she worked for Food & Water Watch as a national community organizer and policy analyst with a focus on sustainable fisheries.

David Kimo Frankel

David Frankel served as the first full-time director of the Hawai'i Chapter, 1996-1998. He is an attorney at the Native Hawaiian Legal Corporation.

He has been involved in efforts to defend Punalu'u, Kealakekua, Kaloko Honokōhau National Historical Park, Pāo'o, the summit of Haleakalā, Lā'au Point, Sandy Beach, Ka Iwi, limu beds in 'Ewa, Hapa Trail, and Donkey Beach.

O'ahu Group Candidate Biographies

Anthony Aalto

Anthony Aalto is chair of the O'ahu Group. He helped found and is a board member of Save O'ahu Farmland Alliance. He helps lead the fight against Ho'opili and Koa Ridge. He helped create and chaired the club's Capitol Watch. He is Chair of the club's Political Action Committee, chaired the PAC that helped elect Tulsi Gabbard, and has raised tens of thousands of dollars for the club's political and campaign activities.

Randy Ching

Randy Ching has served on the O'ahu Group Executive Committee for 12 years. He's been chair, vice-chair, secretary, treasurer, chapter delegate, and has served on the Chapter Executive Committee. He's been an outings leader for 21 years, and O'ahu Group outings chair for 9 years. He has served in almost every volunteer capacity. He is a board member of Save O'ahu Farmlands Alliance and a leader in the fight against development of Ho'opili and Koa Ridge.

Blake McElheny

Blake McElheny was raised in Pupukea on the North Shore, and has a law degree and Environmental Law Certificate from UH. He has extensive experience in community organizing and collaboration with local government and nonprofits. He currently serves as founding board member of the Kokua Hawai'i Foundation, is a founding board

member of the North Shore Community Land Trust, and is a member of the North Shore Neighborhood Board.

Steven Lee Montgomery

Steven Montgomery is a UH trained field biologist who has discovered over 30 new species. Steve served five years on the Land Use Commission, and currently co-chairs the club's political committee. He liaises with Hawaiians for Conservation of Native Ecosystems and the Hawai'i Beekeepers Association. He won the 2014 Sierra Club National Special Achievement Award for helping the U.S. win the competition to host the International Union for Conservation of Nature 2016 World Congress.

David Nash

Having lived and guided multi-day adventure trips on almost all the Hawaiian islands, David Nash is quite knowledgeable about the rare jewel that is Hawai'i. A real estate broker at Sachi Hawai'i, he's very professionally active in steering the real estate industry in all things technology. He sits on the Na Ala Hele advisory council for O'ahu. David also serves on the Honolulu Mayor's advisory committee on cycling.

Elliot Van Wie

Elliot Van Wie serves as O'ahu Group secretary and spearheaded the Club's successful effort to persuade Honolulu City Council to adopt the first comprehensive Complete Streets project in the state, which will model efforts to shift development away from suburban sprawl. Elliot works for Capitol Watch and worked on the successful effort to pass the Grid Modernization Bill, the club's most important legislative goal in the last session.

Kaua'i Group Candidate Biographies

Carl Imperato

Carl Imperato has served on the Kaua'i Group Executive Committee since 2006. He led the 2008 campaign to require county compliance with its

General Plan for development. He has crafted the Kaua'i Group's testimony on issues including shoreline access, park commercialization, protection of Wailua Beach, noise, and preservation of agricultural lands and rural character. Carl is currently leading our efforts to protect the Hanalei River ridge.

Greg Peters

Greg Peters serves on the Kaua'i Group Executive Committee and the Chapter Executive Committee as the Kaua'i Group representative. He is the new director of Malama Maha'ulepu. Greg leads hikes and writes the Kaua'i Group Report for the *Mālama*. After years of serving in leadership roles for conservation work and community activism in New England, Colorado, and Utah, he received a master's degree in environmental law and policy from Vermont Law School.

Kip Goodwin

Kip is founder of Kaua'i Alliance for Peace and Justice, whose mission is to foster community discourse and action on issues of social justice, and cultural, environmental, and workers' rights, both locally and nationally. Kip was active in Sierra Club's four-year-long attempt to prevent a beach-destroying concrete path from being built on Wailua Beach. He's committed to bringing public awareness to RIMPAC's harm of the ocean and marine life.

Rayne Regush

Rayne has served on the Kaua'i Group Executive Committee since 2004 and as Kaua'i Group representative on the Chapter Executive Committee from 2008 to 2013. Her expertise and interests are in land-use laws and planning, protecting historic trails and access, and preserving rural character and agricultural lands, coastal areas, and cultural resources. She is also currently serving on several state and county citizen advisory committees.

Maui Group Candidate Biographies

Chris Taylor

Chris Taylor is the current chair of the Sierra Club Maui Executive Committee and has served on the board since 2007. He was raised on Maui with family from O'ahu and the Big Island. Chris studied sustainable technology and owns his own small business in technology. Chris loves the ocean, surfing, travel, and hiking.

Lily Stagg

Lily Stagg comes from a family of activists and has worked on political campaigns for as long as she can remember. She is from South Louisiana, where she has worked with organizations such as the Sierra Club, Louisiana Bucket Brigade, and SPEAK. Lily works at a nursery in Haiku, where she is able to pursue her passion of coaxing beauty and nourishment out of the soil.

Lucienne de Naie

Lucienne de Naie is a long-time Club member who has served as chair and vice-chair of the Sierra Club Hawai'i Chapter Executive Committee and conservation chair of Maui Group. She is a researcher and writer whose passion is the protection of native plants, streams, watersheds, and cultural sites, and has led many successful conservation campaigns.

Dottie Binder

Dottie Binder has served on the Sierra Club board for five years. She moved to Maui in 2001 and has never looked back. Dottie has served within the Democratic party as vice chair, precinct chair, and treasurer. She is committed to seeing conservation-minded candidates elected.

Rich Lucas

Rich Lucas 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. His passion is to see a Maui that is free from

the need to import fuel and food to sustain its population.

Moku Loa Group Candidate Biographies

Chandelle Asuncion

Biography not available

Jim Buck

Jim Buck is a long-time Sierra Club member. During the 90s, he carried out a telephone campaign in his district urging members to email their representatives regarding bills in session that affected the environment. Jim is a retired small-business-oriented CPA who is used to doing minor legal research, testifying in court, and applying common sense to decision making. He is currently an outings leader and would like to get more involved in preserving and restoring Hawai'i.

Joy Cash (also known as Sada Anand Kaur)

Joy Cash began her social activism in college in 1967 in South Texas with Cesar Chavez's United Farm Workers, and in Vietnam War protests. She joined Women Occupy San Diego and Occupellas San Diego in the fall of 2010, and was chairperson for a major national anti-GMO/Monsanto action in San Diego. Joy is a founding member of Occupellas Hawai'i Island, member of GMO Free Hawai'i, and an active participant at Hawai'i County Council and committees.

Nelson Ho

Nelson Ho has been a Big Island environmental activist since 1982. He has been in the forefront of issues like geothermal energy development in the Hawaiian rainforest and the proper protection of the vulnerable natural and cultural resources on the top of Mauna Kea. He keeps sane by going on multi-night camping outings.

Steve Holmes

Steve Holmes is the former Energy and Sustainability Coordinator for the City and County of Honolulu. He won the

U.S. Department of Energy's National Energy Champion Award in 2002. He was a state energy analyst in Hilo, a park ranger at Hawai'i Volcanoes National Park, and Sierra Club of Hawai'i Chapter Conservation Chair.

Diana Miller

Diana Miller retired from the USAF in 2004 and has lived on the island of Hawai'i since then. She works as a park ranger at Hawai'i Volcanoes National Park and as a substitute teacher. Diana has been a member of many environmental organizations over the years including Sierra Club, Earthjustice, Greenpeace, National Wildlife Federation, and Nature Conservancy. She is very interested in helping with the preservation of the unique and fragile environment on Hawai'i Island.

Lynn Nakkim

Biography not available

Janice Palma-Glennie

A Hawai'i resident for over 30 years, Janice Palma-Glennie has been deeply involved in several community-based campaigns aimed at protecting the natural, cultural, recreational, and social resources of Hawai'i Island. She helped spearhead the campaigns to protect O'oma from development, a two-decade fight that led to the protection of 200 acres of coastal conservation land. Janice is currently a Surfrider Foundation Kona Kai Ea executive committee member, and has served on the Executive Committee of Moku Loa Group.

Nadine Robertson

Biography not available

Debbie Ward

Debbie Ward is an active member of the conservation committee, and has served on the Moku Loa Group Executive Committee several times during her 32 years of membership, serving as chair, program chair, and treasurer. Retired from the University of Hawai'i, she now farms organic fruit in upper Puna. She hopes to recruit and encourage new active members.



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- John Muir

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Cardholder Name _____

Card Number _____ Exp. Date ____ / ____

Signature _____

Membership Categories	Individual	Joint
Special Offer	<input type="checkbox"/> \$ 15	N/A
Standard	<input type="checkbox"/> \$ 39	<input type="checkbox"/> \$ 49
Supporting	<input type="checkbox"/> \$ 75	<input type="checkbox"/> \$ 100
Contributing	<input type="checkbox"/> \$ 150	<input type="checkbox"/> \$ 175
Life	<input type="checkbox"/> \$ 1000	<input type="checkbox"/> \$ 1250
Senior	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Student	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35
Limited Income	<input type="checkbox"/> \$ 25	<input type="checkbox"/> \$ 35

Contributions, gifts & dues to Sierra Club are tax deductible; they support our effective, citizen based advocacy & lobbying efforts. Your dues include \$ 7.50 for a subscription to SIERRA magazine & \$ 1.00 for your Chapter newsletter.

Enclose a check and mail to:
Sierra Club, PO Box 421041
Palm Coast, FL 32142-1041

F94Q W 2400 1

or visit our website: www.sierraclub.org



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.”

MAIN OFFICE

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O’ahu Group **Steven Montgomery** • manninga001@hawaii.rr.com
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At-Large..... **Roberta Brashear-Kaulfers** • brashear@hawaii.edu
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At-Large..... **Zachary McNish** • zachary.mcnish@gmail.com
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Recruitment **Scott Rowland** • 259-5416

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Website..... **Jim Yuen** • jimyuen@hawaii.rr.com
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O’AHU GROUP EXECUTIVE COMMITTEE

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Chapter Delegate **Steven Montgomery** • manninga001@hawaii.rr.com
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Nominating & Conservation **Leilei Shih** • joyshih@hawaii.edu
North Shore Chair **Blake McElheny** • blakemcelheny@yahoo.com
Windward Side Chair **Lisa Grandinetti** • lisagrاند003@hawaii.rr.com

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Conservation **Juan Wilson** • juanwilson@mac.com
Conservation, Membership **Marge Freeman** • freemanmargery@gmail.com
Conservation, Helicopter Noise..... **Carl Imparato** • carl.imparato@juno.com
Conservation, Land Use **Rayne Regush** • rayneregush@aol.com
Webmaster **Richard Stillman** • chop_skr@yahoo.com

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Energy Chair & Director **Daniel Grantham** • 572-4571 • dannygr@hawaiiintel.net
Conservation Chair & Director **Lucienne de Naie** • laluz@maui.net
Director **Dottie Binder** • kuladot@hawaii.rr.com
Director **Lily Stagg** • lilystagg@gmail.com
Director **Dr. Janet Six** • six@hawaii.edu
Director **Clare Apana** • kouwahine@gmail.com
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MOKU LOA EXECUTIVE COMMITTEE

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Conservation **Janice Palma-Glennie** • palmtree7@earthlink.net
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Newsletter **Linda Larish** • maunaikeno@gmail.com

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 3 candidates)

- | SINGLE | JOINT | See Bios on Page 19 | SINGLE | JOINT | See Bios on Page 19 |
|--------------------------|--------------------------|----------------------------|--------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Roberta Brashear-Kaulfers | <input type="checkbox"/> | <input type="checkbox"/> | Steve Holmes |
| <input type="checkbox"/> | <input type="checkbox"/> | Sheila Sarhangi | <input type="checkbox"/> | <input type="checkbox"/> | Christina Lizzi |
| <input type="checkbox"/> | <input type="checkbox"/> | Colin A. Yost, Esq. | <input type="checkbox"/> | <input type="checkbox"/> | David Kimo Frankel |
| <input type="checkbox"/> | <input type="checkbox"/> | Christine L. Andrews, J.D. | | | |

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 5)

- | SINGLE | JOINT | See Bios on Pages 19 & 20 | SINGLE | JOINT | See Bios on Pages 19 & 20 |
|--------------------------|--------------------------|---------------------------|--------------------------|--------------------------|---------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Anthony Aalto | <input type="checkbox"/> | <input type="checkbox"/> | Steven Lee Montgomery |
| <input type="checkbox"/> | <input type="checkbox"/> | Randy Ching | <input type="checkbox"/> | <input type="checkbox"/> | David Nash |
| <input type="checkbox"/> | <input type="checkbox"/> | Blake McElheny | <input type="checkbox"/> | <input type="checkbox"/> | Elliot Van Wie |

KAUA'I GROUP ELECTION (Kaua'i members vote for no more than 4)

- | SINGLE | JOINT | See Bios on Page 20 | SINGLE | JOINT | See Bios on Page 20 |
|--------------------------|--------------------------|---------------------|--------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Carl Imparato | <input type="checkbox"/> | <input type="checkbox"/> | Kip Goodwin |
| <input type="checkbox"/> | <input type="checkbox"/> | Greg Peters | <input type="checkbox"/> | <input type="checkbox"/> | Rayne Regush |

MAUI GROUP ELECTION (Maui members vote for no more than 4)

- | SINGLE | JOINT | See Bios on Page 20 | SINGLE | JOINT | See Bios on Page 20 |
|--------------------------|--------------------------|---------------------|--------------------------|--------------------------|---------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Chris Taylor | <input type="checkbox"/> | <input type="checkbox"/> | Dottie Binder |
| <input type="checkbox"/> | <input type="checkbox"/> | Lily Stagg | <input type="checkbox"/> | <input type="checkbox"/> | Rich Lucas |
| <input type="checkbox"/> | <input type="checkbox"/> | Lucienne de Naie | | | |

MOKU LOA GROUP ELECTION (Moku Loa members vote for no more than 4)

- | SINGLE | JOINT | See Bios on Page 21 | SINGLE | JOINT | See Bios on Page 21 |
|--------------------------|--------------------------|--|--------------------------|--------------------------|----------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | Chandelle Asuncion | <input type="checkbox"/> | <input type="checkbox"/> | Diana Miller |
| <input type="checkbox"/> | <input type="checkbox"/> | Jim Buck | <input type="checkbox"/> | <input type="checkbox"/> | Lynn Nakkim |
| <input type="checkbox"/> | <input type="checkbox"/> | Joy Cash (also known as Sada Anand Kaur) | <input type="checkbox"/> | <input type="checkbox"/> | Janice Palma-Glennie |
| <input type="checkbox"/> | <input type="checkbox"/> | Nelson Ho | <input type="checkbox"/> | <input type="checkbox"/> | Nadine Robertson |
| <input type="checkbox"/> | <input type="checkbox"/> | Steve Holmes | <input type="checkbox"/> | <input type="checkbox"/> | Debbie Ward |

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MĀLAMA I KA HONUA "Cherish the Earth" *A Quarterly Journal of the SIERRA CLUB OF HAWAII* **OCTOBER - DECEMBER 2014**

 **Ballot Inside!** 

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EXECUTIVE COMMITTEE ELECTION INSTRUCTIONS

Vote for YOUR Group Executive Committee and Chapter Executive Committee

Those elected will take office in January 2015

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, 2014.