



Mālama I Ka Honua *Cherish the Earth*

A Quarterly Journal of the SIERRA CLUB OF HAWAII

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2015

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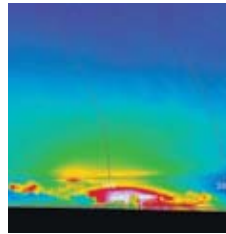
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Hawai'i's Clean Energy Future Hangs in the Balance: *Reject NextEra!*

It's not looking good for NextEra's bid to take over Hawai'i's electricity monopoly. In the first of seven public listening sessions currently underway, 200 residents on Maui came out in force, most of them expressing strong opposition to NextEra's proposal. "Maui's people need a utility that serves the public interest by encouraging everyone to capture energy from locally available sources," said Albert Perez, Director of Maui Tomorrow, according to the *Maui News*. NextEra hasn't shown it could fulfill that need.

This public outcry against NextEra is just the latest in a litany of blows against this takeover bid. Governor Ige, the Consumer Advocate, and IBEW Local 1260, among many others, all came out against the Florida-based

corporation taking over Hawaiian Electric Industries. This company relies on fossilized gas and nuclear power, not renewable sources, for energy.

Then, over 40 state and county lawmakers came together in a strong,

Despite broad opposition, the deal is not dead yet. Several steps remain before the PUC issues its decision on NextEra's proposal.

bipartisan call for public ownership of Hawai'i's electrical utility. "Bring the power to the people, we'll see a brighter future," said Maui

Representative Kaniela Ing.

The message is clear: NextEra's offer is not in the best interests of Hawai'i's people. If we truly want clean, reliable, affordable energy for all we must reject NextEra's proposal to take over Hawaiian Electric Industries.

Keep Up the Good Work

Despite broad opposition, the deal is not dead yet. Several steps remain before the PUC issues its decision on NextEra's proposal. And NextEra has doubled-down on its efforts to swing public opinion its way. The company hired former Senator Inouye staffer Jennifer Sabas as its new lobbyist, and rolled out a new television ad campaign.

This is no time to sit back and coast. The most important opportunity for the public to weigh-in on the PUC's decision is at public listening sessions currently being held statewide. The last one will be held on October 27 at 6 pm at McKinley High School. This is the PUC's chance to

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SIERRA CLUB OF HAWAII
MĀLAMA I KA HONUA. *Cherish the Earth.*



FROM THE DIRECTOR'S DESK

I am honored and excited to serve as the new Director for the Sierra Club of Hawai'i. In my few months on the job, I have been impressed with the people who make this Chapter strong. We are an amazing group of people!

Joshua and I are working hard to build on the great successes this Chapter has won over the years. We are focusing right now on expanding our outings programs, protecting freshwater resources, defending unique and endangered places, and of course, ensuring a clean energy future for our islands.

There is a lot of work to be done on all of these fronts. We have a long and storied history of volunteers making a significant difference in helping people cherish and protect Hawai'i's unique environment, and we could always use more help.

If you interested in taking a more active role in the Club, then please email us at hawaii.chapter@sierraclub.org or sign up on our website at www.sierraclubhawaii.org. Here are some of the important jobs that could use your help:

Newsletter Editors • Outings Leaders • Data Entry Specialists • Outdoor Educators • Legislative Support Team

Thank you to the many local volunteers who already do so much to connect people with the environment around them and empower them to protect it.

Also, be sure to vote in the annual elections for statewide and island-group Executive Committees (ExComs). The ExComs play an extremely important part in our organization. They direct what issues we take on and help ensure that we fulfill our mission. If you are interested in opportunities to meet the candidates for the Chapter and Group ExComs, please join our mailing list to receive updates.

Thanks again for all that you do to help cherish and protect the things we all love about Hawai'i.

Aloha —Marti Townsend

Joshua Noga Joins the Team!

With great pleasure and excitement we welcome Joshua Noga to the Sierra Club of Hawai'i. Joshua will be focusing on community organizing in support of our effort to end climate change and secure a healthy, just future for Hawai'i's residents.

Joshua was born and raised in downtown O'ahu. As a city kid, Joshua did not have a lot of exposure to the natural environment, that is, until he joined the High School Hikers program at Central Intermediate. Thanks to the Sierra Club, committed teachers, and miles of nature trails near Honolulu's urban core, Joshua developed a deep appreciation for Hawai'i's unique natural environment. He is now a father, farmer, and accomplished community organizer.

Our members on the North Shore will recognize Joshua from his work to protect the rural community of Malaekahana from massive urbanization. Joshua worked with Aloha 'Aina No Kō'olau Loa, Defend O'ahu Coalition,

Unite Here/Local 5, Kō'olauloa Hawaiian Civic Club, and many others to prevent a housing subdivision called "Envision La'ie" from over-running the unique character, cultural significance, and natural habitat of Malaekahana. Years of community organizing and protest culminated in an enormously successful "silent march" of over 400 people in February 2014. This show of strength and unity led Honolulu's Planning Commission to unanimously support removing the development project from the community plan. From this experience, Joshua learned the power of engaging volunteers to help protect the places they love most.

Joshua also enjoys hands-on community improvement efforts. In addition to volunteering his time to restore Maunawila Heiau in Hau'ula, Huilua fishpond in Kahana, and Hawaiian language through Aloha Kō'olauloa, he farms two and half acres of



Joshua is excited to bring his experience as a high school recruiter and student-participant in the High School Hikers program to revitalizing our outings and outreach efforts.

ʻulu in Punalu'u.

Joshua is a graduate of Farrington High School, University of San Diego, (BA 2005) and Argosy University (MSM 2011). He lives in Hau'ula with his wife and three children.

hear what the people of Hawai'i think about NextEra's proposal to takeover our electrical utility—so giv'em!

Why Oppose NextEra?

As much as we are all dissatisfied with HECO, MECO, and HELCO, we can already tell that NextEra would be even worse because:

It can't serve two masters: NextEra is a huge corporate conglomerate based in

transformation requires fostering a diverse and competitive market and empowering consumers. NextEra openly acknowledges that giving customers choices to reduce their electric bills is bad for its bottom line. Its old-fashioned monopoly business depends on depriving customers of choices and keeping them captive and paying bills to NextEra.

No real rate benefits: NextEra offers



PUC's last public listening session is October 26, 2015 at 6 pm at McKinley High School. Visit sierraclubhawaii.org for more information.

Florida with more than 900 companies managed to maximize shareholder profits. The needs of local consumers will be lost in the drive to earn more profits.

No clean energy utility experience: Contrary to NextEra's claim that it will help Hawai'i's "clean energy transformation," NextEra has little experience integrating renewable energy even in minimal amounts, let alone the highest levels of rooftop solar in the country. NextEra's utility business relies predominantly on fossil gas (68%) and nuclear energy (23%), with less than 1% from solar. Hawai'i has almost 30 times more total solar per capita than Florida, the Sunshine State (348 watts per capita in HI vs. 12 in FL).

Utility of the past, not the future: Hawai'i and other leading states recognized that a clean energy

no reduction in actual rates; rather, rates will continue to increase. NextEra's inflated ratepayer "benefits" figures are speculative, and if it reduces costs during the first four years (e.g., by laying off workers), it gets to pocket those profits. The \$599 million gain to shareholders and the \$17 million payout to HECO executives in the deal are more than 10 times the \$60 million "savings" NextEra promises to customers.

Political influence and lobbying: NextEra contributed thousands to Hawai'i politicians in the last election cycle, which is its style. In Florida, the company employs one lobbyist for every five members of the state legislature. NextEra contributed \$1 million to Jeb Bush's presidential campaign PAC. ■



MĀLAMA I KA HONUUA
Cherish the Earth

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- 1/8 page (\$60)
- Bus. Cards (\$50)

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The Sierra Club Honors Dave Raney's Ocean Commitment

By Dan Byrnes and Marti Townsend

The Sierra Club of Hawai'i is extremely proud of its very own Dave Raney, who was awarded this year's Raymond J. Sherwin International Award for his work to protect coral reefs.

The Raymond J. Sherwin Award honors extraordinary volunteer service toward international conservation.

"Our Marine Action Team's work helps international marine conservation. When you're working on climate, coral reefs, and oceans, you are working internationally," Raney said. "One ocean connects everything."

Raney developed his love for snorkeling and diving while a young man in Fort Lauderdale, Florida. "I was blown away by the coral reefs and ecosystems," Raney said.

He later became certified for scuba diving in the Florida Keys, at a time, according to Raney, when the reefs were in beautiful condition.

Eventually, in 1968, Raney's professional career took him to Hawai'i, where his passion for marine life, his interest in the Sierra Club, and a state that served his interests all came together.

A couple of years later, he found himself in the beginning of the formation of the Sierra Club's Hawai'i Chapter. His first role was an outings leader, followed by a legislative action chair, and a scrolling list of leadership roles for the next few decades.

While he explored and enjoyed the beautiful landscapes of the Hawaiian Islands, he also began to explore his true volunteer passion in the water: marine wildlife and habitats.

In 2000, President Clinton created the U.S. Coral Reef Task Force and, by executive order, designated the largest protected area in the nation: 84 million acres of coral reef around the

Northwestern Hawaiian Islands. That designation was the culmination of an initiative by KAHEA, the Hawaiian Environmental Alliance, the Sierra Club, and others to have the Northwestern Hawaiian Islands declared a "pu'uhonua," or place of refuge. Later, the area became the first marine national monument, Papahānaumokuākea, under President George W. Bush.

Raney, an advocate for coral reef protection, was appointed to the task force as the Pacific Islands NGO representative, helping to implement task force goals that included reducing threats to coral reef ecosystems internationally.

Our Marine Action Team's work helps international marine conservation. When you're working on climate, coral reefs, and oceans, you are working internationally," Raney said. "One ocean connects everything."

Coral reefs were among the first marine ecosystems to be affected by a warming planet and other climate change impacts. President Obama's ambitious focus on fighting climate disruption and his adoption of a national ocean policy provided welcome support for the work of the task force. Raney also works on marine



Dave Raney (swimming with a school of juvenile parrotfish on the island of Yap in 2005)

conservation issues with the Sierra Club, as a volunteer on the Marine Action Team. The team is working with chapters across the country to see at how the Sierra Club might best respond to climate change adaptation plans at the local level. They're also working with the Our Wild America campaign to try to expand the number and scale of marine protected areas and monuments.

His activism and leadership have earned Raney this year's Raymond J. Sherwin Award—but it's not his first Sierra Club Award. He received the Special Achievement Award in 1980 and the Special Service Award in 2003.

"I've never done it for the awards, but it's nice to be appreciated," Raney said.

When asked what's next on the horizon for Raney, who is retired, he said he'd like to take more of an advisory role on the Marine Action Team and work to recruit younger leaders.

"We're like blue whales: biologically extinct, still alive and swimming around, but without many kids around to replace us," he said.

You can learn more about getting involved with the Marine Action Team on the Grassroots Network at sierraclub.org.

Protection and Restoration of 'Elepaio Habitat:

Fence Construction in Pālehua

by Andrea Gill, Special to the Sierra Club

At about 2,200 feet elevation in Pālehua, at the southern tip of the Wai'anae Mountain Range, is a valley which is home to about 20 nesting pairs of the O'ahu 'elepaio (*Chasiempis ibidis*), a small brown flycatcher. This rare bird's habitat is under pressure from rats, pigs, and invasive plants. It is being managed by the O'ahu Army Natural Resources Program with support from the Wai'anae Mountain Watershed Partnership and the landowners, Gill 'Ewa Lands, LLC (GEL).

In August, the Sierra Club members and other volunteers (including Hawai'i Trail and Mountain Club members and KUPU interns) began building a fence around approximately five acres of land encompassing many of the trees used by the nesting 'elepaio. When completed, the fence will protect the moist valley floor from pigs and allow native species to be replanted. While there are many alien plants in the area, including kahili ginger, guinea grass, strawberry guava and karaka nut (*Corynocarpus laevigatus*), common natives such as palapalai

(*Microlepidia strigosa*) and papala kepau (*Pisonia brunonianiana*) are also found.

The 'elepaio habitat is within a conservation district resource subzone in the Kalo'i Gulch watershed; DLNR has approved the fence work. The area is accessed, with landowner permission, via Pālehua Road, a steep, paved roadway reached through the Makakilo subdivision in 'Ewa. The popular Pālehua-Paliikea Trail, hiked as part of the O'ahu Group's outings program, starts at the terminus of Pālehua Road.

Clearing the fence route of strawberry guava and eucalyptus trees, smoothing the ground surface, pounding poles, stretching and clipping hog wire to the poles: fence building is strenuous work, performed on steep slopes using tools such as pulaskis, chainsaws, shovels, rakes and pole pounders. But the result—a taut, pig-proof fence—will ensure the success of out-plantings and the transition of an alien-dominated forest to a restored native ecosystem.

A second fencing weekend is being scheduled for October 3 and 4, 2015.

The Gill family, who formed GEL, have a long relationship with the Sierra Club. The late Lorin Gill, one of the Hawai'i Chapter founders and the force behind the High School Hikers program and the Hawai'i Service Trip Program, instilled the conservation ethic into his nephews, niece, and hanai sons through years of interpreted hiking and service projects. Several other members of the Gill family



Photo by David Stubbs

Volunteers pounded posts and strung wire to protect habitat for the endangered 'elepaio.

have served in leadership roles in the Club.

GEL has explained its purpose as “restoring the health of the Wai'anae Mountain ecosystem at Pālehua; preserving, protecting, enjoying and appreciating the land's important biological, cultural, economic and historical resources.”

GEL's vision is directly attributable to the commitment to Hawai'i, its culture and environment that was exemplified by the lives of Lorin, his brother Tom (who served in the Territorial and State Legislature, as a U.S. Congressman and as Lt. Governor during his long career of political activism) and Tom's wife, Lois, who will turn 90 years old this year.

A Place to Call Home:

Hawaiian Monk Seals Win Habitat Protections

by Miyoko Sakashita, Center for Biological Diversity

Hawai'i is home to one of the most endangered marine mammals in the world—the native Hawaiian monk seal. In September, monk seals will revel in new habitat protections that are a sweeping victory for the conservation of Hawai'i's natural heritage.

The National Marine Fisheries Service designated 6,712 square miles as critical habitat including beaches and nearshore areas on Kaua'i, O'ahu,

Maui Nui and the Hawai'i Island as well as areas in the Northwestern Hawaiian Islands. The critical habitat designation came in response to a citizen petition from KAHEA: The Hawaiian-Environmental Alliance, the Center for Biological Diversity, and other allies. The petition sought habitat protections to address rising seas and because monk seals were increasingly having

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Photo by Nate Yuen

Nate's Adventures

Birth of a Hawaiian Monk Seal Pup



by Nate Yuen
*Special to the
Sierra Club*

The first known Hawaiian Monk Seal pup born in the main Hawaiian Islands in the 2015 birthing season was a female. Its mother, Honeygirl, gave birth on February 25. I visited the seals four times to see the pup grow until it was weaned 45 days later.

Hawaiian Monk Seals—*Monachus schauinslandi*—are critically endangered sea mammals endemic to the Hawaiian Islands. The Hawaiian Monk Seal Research Program records each birth and tracks all known seals through their lives. This was Honeygirl's ninth pup, most of which were born on the North Shore of O'ahu at Turtle Bay.

I learned about the birth from Angela Huntemer, who keeps a watchful eye on the wildlife on the North Shore, and visited Honeygirl and her pup when it was four days old. Pups are about 3 feet

long and weigh about 30 pounds when they are born. Adult females are nearly 7 feet long and weigh an estimated 450 pounds.

Baby Hawaiian Monk Seals have big eyes and are covered in a soft black fur. I spent hours watching the pup nap, flop around on the sand, and nurse.

After feeding, Honeygirl and the baby seal waddled over to the edge of the water. The precious little pup was adorable to watch as it played.

I returned the next weekend to see that the pup was noticeably longer and had gained weight. Seal milk is high in fat and has the consistency of yogurt. It is packed with nutrients and enables pups to gain weight rapidly. I spoke to one of the seal watch volunteers and learned that the pup had been given the name Ola Loa.

There are only about 1,100 Hawaiian monk seals left in the world and their numbers are dropping by 3-4% a year. Most live in the Northwest Hawaiian Islands with only 200 in the main Hawaiian Islands. Their greatest risk is entanglement in nets, fishing lines, and other derelict fishing gear. In 2006, one of Honeygirl's pups—Penelope—got



Honeygirl's pup "Ola Loa" at 4 days old.

entangled in a gill net and drowned. So did Hoku, another of her pups, who died in 2008. In 2012, Honeygirl got a hook lodged in her mouth, which caused an infection. Surgery was performed and Honeygirl recovered.

When I returned two weeks later, I saw Honeygirl and Ola Loa (now 24 days old) return from swimming in the ocean. The Hawaiian name for the monk seal is 'ilio-holo-i-ka-uaua, or "dog that runs in rough water," an apt description. Mothers take their pups swimming several times a day, venturing further out to sea each time and teaching the pup how to hunt for food.

Another major threat is declining

fishery stocks. Only one in five pups born in the Northwest Hawaiian Islands survive to adulthood due to lack of food. Malnourished pups under a year old have been taken to the monk seal hospital in Kona to be fattened, cared for, and then released. Fortunately, food is more plentiful in the main Hawaiian Islands, so as long as Ola Loa stays in the main islands the outlook is better.

When I returned on the morning of the pup's forty-fifth day I was surprised to see how large Ola Loa had grown and

There are only about 1,100 Hawaiian monk seals left in the world and their numbers are dropping by 3-4% a year.

how thin Honeygirl had become. Mothers do not eat while nursing and Honeygirl's weight loss was apparent: her spine and other bones had become visible when she lifted herself up. Mothers usually stay with their pups for about 42 days before leaving them for good. Ola Loa had grown round and chubby from her mother's milk.

When I checked back with the seals in the afternoon Honeygirl was gone. She had become gaunt and it was time for her to start feeding again. The next year is crucial for Ola Loa: she must learn to forage and fend for herself. Most year-old pups grow only slightly longer and actually lose some weight from the day they are weaned. They need their fat stores to make the transition. I hope Ola Loa grows to be as nubile and fertile as her mother. We need more baby monk seals!

To see more of Nate's photos of monk seals go to hawaiianforest.com/wp/birth-of-a-hawaiian-monk-seal-pup



Ola Loa on Day 10... nose to nose with her mother, Honeygirl.



Day 10 Ola Loa playing in the water. The Hawaiian name for the monk seal is 'ilio-holo-i-ka-uaua, or "dog that runs in rough water," an apt description.



On the 24th day I saw Honeygirl and Ola Loa return from swimming in the ocean.



Day 45 shows a fat pup. The next year is crucial — she must forage and fend for herself.

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

The O'ahu Group is busy! Here are the issues we are working on as a priority:

Fake Farms

You may have seen in the media the controversy over the proposal to subdivide the famous and beautiful old Dillingham Ranch on the North Shore into 100 so-called “gentlemen” (in other words “fake”) farms. It's just one of many such proposed developments.

The O'ahu Group is alarmed and has formed a working group with the City Department of Planning & Permitting, farm groups and the State Department of Agriculture, to look for ways to stop the abuse.

Divestment

The City has agreed to support us at the next session of the Legislature when we will be fighting for a bill that would require the trustees of the state's \$12-billion Employee Retirement System to divest the investment portfolio of any stocks in any of the 200 biggest fossil fuel companies. Honolulu would like to display a united front with the other counties on this, so we have been invited to present to the next meeting of the four county mayors. We would welcome the support of folks in the other groups.

HECO

We are lobbying the City and state to help fund a comprehensive analysis of the financing and logistics of a Honolulu County municipal takeover of HECO and/or for the creation of a ratepayer-owned co-op to run the utility. We are also engaged with a group exploring the feasibility of a North Shore regional microgrid.

HART

We are working on a report about

how effectively the rail project is using eco-conscious design and sustainable practices—as a way to press for more action on this front.

Coal

We are putting together a campaign to shutdown the AES coal-fired power plant at Barbers Point.

Red Hill Navy Fuel Tanks

We have been active in pursuing this threat to the drinking water supply for one quarter of the island's residents. If necessary we stand ready to litigate.

Ka Iwi Mauka Land Conservation

We have been actively involved in the successful campaign to purchase and preserve this precious piece of the island. Our Treasurer Randy Ching made a donation of \$100,000. Once the sale is complete, we have agreed to carve and maintain new hiking trails in the Ka Iwi lands and to help organize educational hikes.

Complete Streets

We are part of the lobby that persuaded the City to build a traffic-separated cycle track along South Street, to add a mauka-makai connection to the existing track on King Street. We continue to pursue construction of a complete city-wide cycle-track network.

World Conservation Congress

Three of our members are actively involved in planning to make this the most successful Congress ever.

North Shore Federal Recognition

We are engaged in an effort to

persuade the Obama administration to designate the North Shore under one of the many federal programs that recognize and help preserve outstandingly scenic areas. We believe that if the President agrees to deliver the keynote speech at the WCC it would be a perfect opportunity to announce such a designation.

Plastic Bag Ban

We are exploring ways to close the loophole that allows some major businesses such as Times supermarkets and Walmart to flout the intent of the plastic bag bill.

Ho'opili and Koa Ridge

We are awaiting the decisions of the Supreme Court on these two massive developments. We have also filed a joinder in support of the motion from Save O'ahu Farmlands Alliance Chair Kioni Dudley, requesting the Land Use Commission to re-visit its Ho'opili decision because of a fraudulent Traffic Impact Analysis. We will be urging you, our beloved and faithful members, to join us in testifying before the LUC in October.

Come Join Us at the Giant

aloha 'aina
**STOP HO'OPILI
Rally!**

Sunday, October 11
1:00 to 5:00 pm

at the
Kapolei High School Stadium

We are always looking for volunteers. To get involved, please email us at sierracluboahugroup@gmail.com



Help Stop This Disease!

There's a major new threat to Hawaii's forests and we're asking our 'ohana to be vigilant in helping us fight the threat. It's a disease that affects a crucial native species: 'ohi'a trees.

Scientists call the disease *Ceratocystis fimbriata*, but it's commonly known as 'ohi'a wilt. It does its work incredibly fast: it can kill an infected tree in just a few weeks and can wipe out nearly 100% of trees in an infected stand within as little as two years. The telltale sign of wilt is rapid yellowing, then browning of the leaves in the crowns of the trees.

At the moment there is no known remedy. You can learn more at the CTAHR website here: www2.ctahr.hawaii.edu/forestry/disease/ohia_wilt.html

So far the wilt has only been detected on the Big Island, around Puna and Hilo, but we fear it could easily spread throughout the state. To try to contain its spread, the Board of Agriculture has imposed a quarantine on movement from the Big Island of 'ohi'a plants and plant parts, including flowers, leaves, seeds, stems, twigs, cuttings, untreated wood, logs, mulch, greenwaste and sawdust.

This is not an esoteric issue. 'Ohi'a is our most common native tree and such a mainstay of our forests that experts fear spread of the disease could severely impact water catchment and eventually our water supply.

We ask all hikers to be on the lookout for signs of the disease and to report sightings to the Board of Agriculture, which has offices on every island.

Anthony Aalto
Chair, O'ahu Group

OUTINGS

SEE PAGE 10 FOR GENERAL
OUTINGS INFORMATION

Beginning in January 2014, reservations are required for outings. Register online at sierraclubhawaii.org/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 3

Puu Ma'eli'eli (F)

3 mi/Moderate/Ridge/Kahalu'u
Uphill hike to pillbox overlooking beautiful Kane'ohē Bay. Reservations required at least one week prior.

Contact Susan Tom 753-0351,
Clyde Kobashigawa
clydekobashigawa@hawaii.rr.com,
John Shimogawa, Stan Oka, assist.
Curtis Kawamoto

Saturday, October 3

Mānoa Falls Restoration Project (S)

Reservations required two days prior. Join the O'ahu Group to continue our work on the wildly popular Mānoa Falls Trail. We will meet at 8:30 a.m. by the parking lot near the end of Mānoa Road for an orientation from State Trails Division staff. We may be building water diversions, steps, and doing other trail improvements. Bring plenty of water, lunch, and gloves. State Trails Division staff will provide the tools and materials. Reese Liggett rliggett@hawaiiantel.net, 544-9553

Sunday, October 4

Mariners Ridge (F)

3 mi/Moderate/Ridge/Hawai'i Kai
One of the shortest routes to the Ko'olau summit, Mariners Ridge has great views and no strawberry guava. We'll have the trail all to ourselves as Kamehameha Schools has prohibited public access. Randy Ching 942-0145,
makikirandy@yahoo.com

Saturday, October 10

MCBH Kane'ohē Bay Service Project (S)
Reservations required. Contact Dan Anderson at 690-0479 or danderhi@gmail.com by October 9. We will be working with Environmental helping clear wetlands 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, October 11

Mānoa Cliff Trail (E/F)

4 mi/Moderate/Contour/Tantalus
Reservations required two days prior. This trail contours the cliffs above Mānoa Valley and has beautiful views, and a variety of native plants. It is an opportunity to hone your plant identification skills. There is 'ohia, koa, kokio'keo'keo, māmaki, haha, olona. The Mānoa Cliff Native Forest Restoration Project volunteers have worked for years to bring back many natives. Colleen Soares csoares48@gmail.com

Sunday, October 18

Mānoa Falls Restoration Project (S)
Reservations required two days prior. Join the O'ahu Group to continue our work on the wildly popular Mānoa Falls Trail. We will meet at 8:30 a.m. by the parking



O'ahu Group Outings

lot near the end of Mānoa Road for an orientation from State Trails Division staff. We may be building water diversions, steps, and doing other trail improvements. Bring plenty of water, lunch, and gloves. State Trails Division staff will provide the tools and materials. Reese Liggett rliggett@hawaiiintel.net, 544-9553

Saturday, October 24

Maunawili Trail (F)

9 mi/Moderate/Contour/Waimānalo
Enjoy lovely views as we travel one way from the Pali Hwy. to Waimānalo through the forest following the base of the Ko'olau cliffs on this car shuttle hike. Gwen Sinclair 753-0528, g Sinclair@gmail.com

Saturday, October 24

Photography Hike: Wahiawa Botanical Garden (E/F)

1 mi/Easy/Tropical Environment/
Wahiawa
Reservations required at least one week prior. Contact Stan for reservations. The pace of photography hikes is extremely slow. Tropical Botanical Garden with

native plants, colorful flowers and foliage. Stan Oka 429-9814, Clyde Kobashigawa clydekobashigawa@hawaii.rr.com, John Shimogawa 227-9925, Susan Tom; asst. Curtis Kawamoto

Sunday, November 1

Mariners Ridge (F)

3 mi/Moderate/Ridge/Hawai'i Kai
One of the shortest routes to the Ko'olau summit, Mariners Ridge has great views and no strawberry guava. We'll have the trail all to ourselves as Kamehameha Schools has prohibited public access. Randy Ching 942-0145, makikirandy@yahoo.com

Saturday, November 07

Ala Wai Boat Harbor Cleanup (F)

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 hat, sunscreen, and water. We will use nets and scoops to clear the harbor of floating debris. All

participants must wear close-toed shoes. All participants under 18 must have a waiver signed by their legal guardian to participate. Please contact leader for the waiver. Deborah Blair 955-4168.

Sunday, November 8

Pu'u 'Ō'hia/Tantalus Crater (F)

2 mi/Easy/Ridge/Crater/Tantalus
Reservations required at least one week prior. Contact John for reservations. The pace of photography hikes is extremely slow. Wet rainforest environment with many native plants. Low light conditions. Bring mosquito repellent and raingear. John Shimogawa 227-9925, Clyde Kobashigawa clydekobashigawa@hawaii.rr.com, Stan Oka 429-9814; asst. Curtis Kawamoto.

Sunday, November 15

Sandy Beach Cleanup (S)

Meet at 8:30 a.m. at Sandy Beach bathroom at eastern side of beach park. (Bathroom closer to Makapu'u.) We will clean up along highway and coastal areas until 10:30 a.m. Bags and gloves provided.

SIERRA CLUB OUTINGS POLICY

For all the Sierra Club Outings: The 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 the Sierra Club members, non-members, and visitors on most of our outings; however, certain outings may be restricted to members. Firearms, pets (unless specifically allowed), and audio devices with or without headsets are prohibited. Smoking is permitted only at breaks and then only if the smell of smoke cannot be detected by other hikers. Outing Leaders may prohibit smoking if, in their judgment, a fire hazard exists.

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

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

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

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

O'ahu Group Outings

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-toed shoes only. No slippers or sandals of any sort. Call Fred 394-2898 for information. Deborah Blair 955-4168

Sunday, November 22

Gwen's Birthday Hike (F)

6 mi/Moderate/Ridge/Kapālama Reservations required by November 20. We'll be hiking from Gwen's house. Meeting time and place will be provided to registered participants. Enjoy great views of Nu'uanu 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 753-0528, g Sinclair@gmail.com

Sunday, December 6

Mariners Ridge (F)

3 mi/Moderate/Ridge/Hawai'i Kai One of the shortest routes to the Kō'olau summit, Mariners Ridge has great views and no strawberry guava. We'll have the trail all to ourselves as Kamehameha Schools has prohibited public access. Randy Ching 942-0145, makikirandy@yahoo.com

Saturday, December 12

MCBH Kāne'ōhe Bay Service Project (S)

Reservations required. Contact Dan Anderson at 690-0479 or danderhi@gmail.com by December 11. We will be working with Environmental helping clear wetlands 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 13

Likeke Loop (F)

6 mi/Moderate/Contour/Kāne'ōhe Reservation required by December 13. Traditional contour hike below steep Kō'olau cliffs between Likelike and Pali Highways. Great views of Kāne'ōhe and Kailua Bay. We loop back taking time to tour Ho'omaluhia Botanical Garden. Dan Anderson 690-0479, danderhi@gmail.com

Saturday, December 19

Makapu'u Point Hike (F)

4 mi/Moderate/ +/- 600' Registration required before December 17. The Makapu'u Point trail begins at the foot of Makapu'u Point, and traverses the rocky coast. Several large tidal pools are inviting places to swim and have lunch. We will pass a couple of blowholes not seen from the road, then make the precipitous climb up to the point and great views of the windward coast. Hopefully we will spot some whales in the Molokai channel. Be sure to bring sunscreen and plenty of water. This trail involves a lot of rock hopping in addition to the climb, which makes it a little more difficult than most trails of its length and elevation gain. If the ocean conditions prevent us from hiking along the coast, we will hike down to the tide pools and blowholes from the lighthouse road. Ed Mersino 455-8193, mersino@hawaii.edu

Sunday, December 27

Ka'ena Point from Keawa'ula Bay (F)

6 mi/Moderate/Coastal/Mākaha/ +/- 100' We're likely to see humpback whales and monk seals as we follow an old railroad grade along the coast to the westernmost point of O'ahu. Gwen Sinclair 753-0528, g Sinclair@gmail.com



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- John Muir

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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.

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South Shore Community Plan Approved

After years of drafting and collaboration, the South Kaua'i Community Plan (SKCP) was adopted by the County Council in July. The plan directs public policy and land use decisions within Kalāheo, 'Ōma'o, Lāwa'i, Kōloa and Po'ipū for the next twenty years, 2015 to 2035. Kaua'i Group members were actively involved throughout the process; many took surveys, posted comments, attended all public outreach events and meetings. Executive Committee members met with County planners and Council members to advocate for stronger policy language on conservation of our island's resources and a more transparent and actionable process of implementing the plan.

With the SKCP now in place, the County will now shift its focus to plan implementation and will begin to draft a new County General Plan. With an updated General Plan draft tentatively scheduled to be completed next year, Kaua'i Group looks forward to continued advocacy to strengthen these governing documents.

Kaua'i Group Attends NEPA Conference

Members from our Group ExCom and representatives from other Kaua'i nonprofits and environmental groups attended a three-day workshop in June on the National Environmental Policy Act: How NEPA Can Help You Achieve the Results You Want. Environmental advocates from across the state gathered at UH-Hilo to share and learn from experts from Natural Resources Defense Council, Earthjustice, and the University of Hawai'i William S. Richardson School of Law Environmental Law Program. We took part in lectures and discussions that



A Hawaiian monk seal and sea turtle enjoy each other's company on a North Shore beach on Kaua'i.

included NEPA successes, breakdown of the EIS process, finding community alternatives, creating stakeholder collaboration, monitoring and mitigation issues, litigation of NEPA cases, and cultural resource protections, among other topics. As our group members prepare to provide public comment and testimony on Environmental Impact Statements for proposed projects in Ha'ena and Koloa, we viewed this as necessary education on the NEPA process. We look forward to implementing this training in the coming months as we work to protect the Garden Island's precious natural resources.

On the Lookout for Outings Leaders

Do you love getting outdoors and sharing your love of Kaua'i with others? Consider joining our fabulous team of group hike leaders! Kaua'i Group offers a robust selection of guided adventures but we are always on the lookout for

enthusiastic Sierra Club members to lead our existing offerings and discover new opportunities. Contact our Group Chair and Outings Leader for more information: Judy Dalton JudyDalton123@gmail.com 246-9067.

JOIN US!

NextEra-HEI Merger Public Listening Sessions

October 21, 2015
6:00 - 8:00 pm

King Kaumuali'i
Elementary Cafeteria



Kaua'i Group Outings

SEE PAGE 10 FOR GENERAL OUTINGS INFORMATION

Join us on one of these great outings to explore and enjoy Kaua'i. Mileage is total miles. Requested donation for members and participants under 18 is \$1. Donations for others: \$5. *Note: Women are advised not to hike remote trails or camp alone on Kaua'i.* Also available on the web: www.hi.sierraclub.org/kauai/outings/index.html

Sunday, October 11

'Okolehao Trail on North Shore/ 4 miles/ moderate (C/E) A steep climb through pine forest in the Hanalei River Valley rewards us with sweeping views of Hanalei Bay and a large section of the North Shore. Hike a trail the Sierra Club adopted and took several years to clear. Jane Schmitt 826-6105.

Sunday, October 18

Maha'ulepu and Makauwahi Cave/ South Shore/moderate/4 miles. (C/E/F) Enjoy the majestic coastline. Visit the world class archaeological site. Allan Rachap, 212-3108.

Saturday, October 24

Donkey Beach Cleanup. East Shore/ moderately easy, (S) the 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. Judy Dalton, 482-1129

Monday, October 26

Kawai'ele Waterbird Sanctuary. West Side/ Easy. (C/E/F) Sunset to dusk visit to the sanctuary, home to all four of Hawai'i's endemic waterbirds: the Hawaiian stilt, moorhen, and coot, and Koloa duck.

Nene, the Hawaiian bat, and the Black Crowned Night Heron also frequent the sanctuary. We'll also point out the many native species of plants at the sanctuary. Bob Nishek 346-0476

Sunday, November 8

Maha'ulepu and Makauwahi Cave/South Shore/moderate/4 miles. (C/E/F) Enjoy the majestic coastline. Visit the world class archaeological site. Allan Rachap 212-3108.

Saturday, November 14

Jewel of Koke'e. Strenuous 7 miles. (C/E/F) Spectacular hike through forests of Koke'e, Black Pipe Trail, Canyon Trail, Po'omau Canyon Lookout. Cross over Waipo'o Falls for a view of Waimea Canyon to the ocean. Ken Fasig 346-1229

Sunday, November 22

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

Monday, November 23

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

Saturday, November 28

Kealia Beach Cleanup/East Shore/ easy (S) The Sierra Club and Surfrider collaborate to protect the marine and other wildlife, the reef, and ocean from marine debris. Will you please help? Look for banners at parking lot. Bring your water and hat. We'll supply gloves,

bags, and refreshments. 9 am to noon. Judy Dalton 482-1129

Sunday, December 6

Maha'ulepu and Makauwahi Cave/ South Shore/moderate/4 miles. (C/E/F) Enjoy the majestic coastline. Visit the world class archaeological site. Allan Rachap 212-3108

Saturday, December 12

Na Wiliwili Lighthouse Coastal Walk. Moderate 3 miles (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 fairly easy walking. Enjoy spectacular views along the rugged coast. Ken Fasig 346-1229

Monday, December 14

Waimea Canyon Road Cleanup. Easy/2 miles (S) Afternoon clean-up of the 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 19

Kalalau Trail to Space Rock/ North shore/ Strenuous/ 5.5 miles (C/E) Hike the first 3 miles of the world famous Kalalau trail with panoramic ocean and cliff views up to the trail's high point at Space Rock. Jane Schmitt 826-6105

Saturday, December 26

Nukoli'i Beach Cleanup. East Shore/easy (S) The Sierra Club and Surfrider collaborate to protect marine and other wildlife, the reef, and the ocean from marine debris. Bring water and hat. We'll supply gloves, bags, and refreshments. Meet at Nukoli'i Beach by turning makai on the unpaved road just south of Wailua Golf Course. ok for our signs by the highway. 9 am until noon. Judy Dalton at 482-1129



Maui Group Report & Outings

Group Report

The Maui Group has had a busy summer. We helped rally hundreds of people (Mahalo, Karen Chun!) to assemble outside the Westin Ka'anapali Hotel where world leaders gathered to hash out the Transpacific Trade Partnership (TPP) deal that would overrule our local environmental and labor laws. The event had worldwide press coverage and featured 400 people simultaneously blowing conch shells, setting a world record! We also got the word out for the recent PUC hearing on the HECO-Nextera Merger and several hundred concerned residents attended. We've continued to work with Maui's Mayor and Council to protect 267 acres of coastal land on Maui's north shore for cultural/educational access, family recreation and diversified agriculture. The Maui Group also participated in settlement talks for three legal challenges and reached agreement in two of them. Check our website (mauisierraclub.org) for amazing hikes, events, and service trips where you can get involved. I look forward to seeing you on the trail.

Sarah Tekula
Vice Chair

CONSERVATION UPDATES

Lipoa Point/Honolua Bay

Save Honolua and Hawaiian Islands Land Trust are working towards a management plan for 244 acres around legendary Honolua Bay.

Na Wai 'Eha Stream Flows

The Wailuku River is running to the ocean this summer. The Water Commission is now addressing the hundreds of permits filed by traditional

and commercial users to divert the stream water for agriculture. Waikapu residents are concerned about the impacts from the new municipal capacity wells proposed near the stream. The Maui Group continues to support community efforts for healthy streams and watersheds.

Wailea 670/ Palauea

A South Maui native plants/cultural sites preserve area with trails of approximately 160 acres and a 13-acre buffer with neighboring Maui Meadows has been proposed by the Sierra Club and allies as part of settlement negotiations for a 2012 EIS challenge. An agreement in principle was reached on September 8. Mahalo Lucienne De Naie and Clare Apana!

HC&S Pu'unene Plant Coal Burning

The Sierra Club, on behalf of Maui Group, asked to intervene in a Public Utilities Commission (PUC) docket regarding the renewal of a power purchase agreement between MECO and HC&S. Maui Group is concerned that the agreement will encourage HC&S to burn thousands of tons of coal at its Pu'unene plant to achieve "firm power." The PUC denied the intervention and Maui Group has appealed that decision to make sure the impacts of Pu'unene's coal burning practices are addressed as Hawai'i works toward a 100% clean energy future.

East Maui Stream Restoration

Findings of fact in this historic 30-year legal effort are due October 2 to the Water Commission. East Maui petitioners, represented by Native Hawaiian Legal Corp, were also successful in a legal appeal to require an EIS to be prepared by HC&S/EMI

for the impacts of the state BLNR issuing licenses to divert waters from state lands. Maui Group continues to advocate for full restoration of streams that communities depend on, and greater year-round flows for other biologically and culturally important streams.

Lahaina Wastewater Plant

Federal judge ruled twice (June 2014/January 2015) that the County's Lahaina Plant injection wells violate the Clean Water Act. Maui County plans to appeal the judge's ruling but has agreed to settle for a specific number of penalties if their appeal is not successful. Maui Group, as a plaintiff in the case, wants penalties applied to infrastructure needed for more reuse of effluent on land. This would improve water quality for the ocean nearby, and encourage recharge of the aquifer.

OUTINGS

SEE PAGE 10 FOR GENERAL
OUTINGS INFORMATION

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

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

Sunday, October 11

Old Haleakala Trail (C/E)

D = 4 miles R/T Moderate high elevation hike with some with uphill terrain. Historic trail with views. Meet 8:30 am Pukalani Terrace center lot by Ace Hardware to carpool. Bring lunch, water and rain gear. Limit 15. Register with leader: Rob Weltman, robw@worldspot.com



Maui Group Outings

Friday, October 16

Waikamoi Preserve Trail & Boardwalk (Nature Conservancy guide) (C/E)
D = 2.5 miles R/T with uneven and sometimes slippery terrain. Hike into a true native Hawaiian forest preserved by the Nature Conservancy with one of their employees to describe the flora and fauna. This trail is up in Haleakala National Forest near Hosmer's Grove campground. Meet 8 am at Pukalani Ace Hardware parking lot to carpool. Bring lunch, water and rain gear. Hiking boots are suggested. Limit 15. Register with leader: Miranda Camp, mauimiranda@hotmail.com

Sunday, October 25

Makena Shoreline Hike (C/E)
D = 3 mi R/T. Moderate. Narrow, "fisherman's trail," in sections. Help keep public access open, enjoy beautiful views. Good balance a must. Meet 9 am in public parking lot for Polo Beach. Limit 15. Register with leader: Rob Weltman, robw@worldspot.com



Tuesday, November 3

Kihei History Night: Land of Palauea
Slideshow and talk story with historical researchers Daniel Kanahele and Lucienne de Naie about one of south Maui's legendary areas. 6 to 7:30 pm at Kihei Library. FREE

Saturday, November 7

Pauwela Lighthouse and Tide Pools (C/E)
D = 3-4 miles R/T Moderate, with some steep muddy sections. Dramatic coastal views and tidepools. Meet 9 am at Haiku Community Center. Bring lunch, water and footwear good for slippery rocks. Limit 15. Register with leader: Rob Weltman, robw@worldspot.com

Friday, November 13

Palauea historical hike (C/E)
D = 2 mi R/T. Moderate, with some uneven (rocky) terrain. Visit Hawaiian sites from 500 years ago and discover what has been preserved. Meet 9 am at Polo beach Public parking lot. Bring lunch, water, hat, sturdy shoes. Limit 18. Register with leader: Lucienne de Naie, laluz@maui.net or 214-0147

Sunday, November 22

Hanaula Ridge hike/Kaheawa Wind Farm Service Outing (C/E/S)
D = 4 mi R/T. Some steep, muddy trails. Help Maui Cultural Land's native plant restoration project. Hike w/ spectacular views and lush native plant life. Carpool to site in 4WD vehicles. Meet 8:30 am Maui Ocean Center parking lot/Carl's Junior end. Bring water, lunch, sturdy shoes, jacket (can be chilly/rainy) Limit 12. Register with leader: Miranda Camp, mauimiranda@hotmail.com

Sunday, November 29

Lua'ailua Hills trail in Kahikinui area (C/E)
D = 5 mi. R/T. 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 am Pukalani Terrace Shopping Center near Ace Hardware. Limit 12. Register

with leader: Lucienne de Naie, laluz@maui.net or 214-0147

Sunday, December 6

Skyline Trail (Haleakala) (C/E)
D = 5 mi R/T. Strenuous, high elevation (10,000'). Spectacular Big Island vistas, numerous cinder cones from Haleakala's most recent eruptions. Hike begins and ends at Skyline trailhead parking lot near Science City at the top of Haleakala. Meet 8:30 am at Pukalani Terrace Shopping Center (Ace Hardware) to carpool. \$10/car HNP entrance fee. Bring camera, water, lunch, hiking boots and warm layers of clothing. Limit 18. Register with leader: Rob Weltman, robw@worldspot.com

Friday, December 11

Hamauloa Village Hike (Kahikinui) (C/E)
D = 5 mi R/T. Strenuous with rough terrain and uphill return. Explore ancient coastal fishing village in Kahikinui with local residents and historians. Meet 8:30 am at Keokea Park in upper Kula. Limit 12. Register with leader: Lucienne de Naie, laluz@maui.net or 214-0147

Sunday, December 13

Lahaina Pali Trail (C/E)
D = 4 R/T miles. Strenuous, with steep uphill. Enjoy the views and whale watch. Hike from Lahaina end trailhead, up to windmills and back the same way. Meet 8:30 am at Lahaina Pali trailhead, Lahaina side near Pali tunnel. Limit 12. Register with Leader: Robin West, rwest808@yahoo.com or call 277-7267



Moku Loa Group Report & Outings

Energy Issues

The NextEra takeover attempt affects us on Moku 'O Keawe. Our group has tracked that proposal and geared up for the PUC public hearings. Parker Ranch in Waimea has the potential to be a regional renewable energy provider and we look forward to further input from this new energy participant.

Geothermal and Hualalai Exploration

Kona residents are up in arms. They have seen how Lower Puna residents were poorly protected by the Department of Land and Natural Resources while the Legislature took away contested case hearings for new exploration and development. The Department of Health is poorly equipped to oversee air, light and noise pollution that comes 24 hours a day with this industrial neighbor. Our county agencies and local utility do little or are ineffective to address current adverse impacts, which alarms the Kona residents even more.

Pōhakuloa

It is the state's responsibility to enforce lease provisions to remove and remediate the military environmental impacts of Pōhakuloa. For over 70 years, the military has caused much damage to ceded lands – including at Kaho'olawe, Mākua, Waikāne, and Pōhakuloa. The military has not been complying with its lease requirements to clean up military debris at Pōhakuloa (as was the case on Kaho'olawe).

Two Big Island residents, Clarence "Ku" Ching and Mary Maxine Kahaulelio, are suing the DLNR to *not* extend the lease to several PTA parcels that expires in 2029. The Sierra Club supports these efforts; ceded lands should be returned and cared for, not given to

the military to continue trashing.

Other Issues We Are Watching Closely:

1. The National Park Service effort for a Keauhou Groundwater Aquifer designation,
2. County wastewater facilities upgrades, repairs, and move towards reuse,
3. A proposed Kona drag strip very close to Kekaha Kai State Park and Kua Bay,
4. County agency pesticide ban proposals,
5. A controversial solar industrial facility proposed in a Ka'u Ocean View subdivision. Chinese investors have bought 26 scattered mostly 3-acre ag-zoned residential lots and want to build solar panel farms on them, and
6. GMO issues and state and county legislation.

Nelson Ho, *Chair*

Cory Harden, *Conservation Co-Chair*

OUTINGS

SEE PAGE 10 FOR GENERAL OUTINGS INFORMATION

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

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

Saturday, October 3

Lokoaka Trails Service Day (E, C)

D = 1 mile, E = sea level

Help clear jungle trails to pristine lagoons. Tools, gloves and mosquito repellent provided. Wear work clothes and closed toe shoes. Bring your suit for a cool swim afterwards. Leader Sarah Moon 935-3475.

Saturday, October 3

Restoration of Mauna Kea Service Trip (S, E, C)

D = 1-2 miles, E = 1000'

We will work with the "Sandalwood Man" to restore the dryland forest on the west side of Mauna Kea by planting sandalwood and other native plants. Bring gloves, rain gear, good boots and a willingness to work. Meet at the Kilohana hunter check-in station. Leaders Michael and Sunny LaPlante 964-5017 and Rob Culbertson 805-316-1380

Saturday, October 10

Mauna Loa Strip Road (E, C, F)

D = 5.5 miles, E = -1500'

This one-way downhill hike on Mauna Loa Road will pass interesting and varied native vegetation and lava flows with views of Halema'uma'u vent. Possible side excursion into rare native restoration area at Kipuka Ki. Leashed friendly dogs allowed on roadway. This is an afternoon hike, with the option to dine on Mongolian BBQ afterwards at Cooper Center. Leaders Rich Vogler 328-8387 and Diane Ware 967-8642

Saturday, October 17

Kalopa Nature Trail and Old Jeep Road and Gulch Trail (E, F)

D = 4 miles, E = 2000', +/-500'

First, we will explore a short interpretive trail through Kalopa State Park's native forest. After a short break, we will continue on the old jeep road



Moku Loa Group Outings

to the highest elevation in the park, passing through groves of 70 year old eucalyptus, silk oak, and paperbark trees. After lunch at the top, we will descend back to the cabins along the Hanaipoe and Kalopa gulches. Leaders Kana Covington 966-8431 and Linda Larish 966-6337

Saturday and Sunday, November 21 and 22

Kohanaiki day hikes with optional camping at County Park (S, E, C, F) D= 4-5 miles each day, E= sea level Hike to Kaloko Park around the large pond on the first day. On the second day we will hike to O'oma, which was recently saved from development. Both routes are part of scenic Ala Kahakai. We will pick up trash along the trails. Camping fee applies if overnighing. Leaders Rich Vogler 328-8387 and Diane Ware 967-8642.

Sunday, November 22

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 that is only found in the Puna District. Bring mosquito repellent, work gloves, good boots and a willingness to work. Leader Linda Larish 966-6337

Saturday, December 12

Kaloli to Haena (Shipman Beach) (E)

D = 6 miles, E = sea level

Hike on a historic trail in Puna, which used to be an inland carriage road from Paradise Park to the beach at Haena. Observe nene and interesting backshore ecosystems. The rocks could be slippery due to high waves. Bring sunscreen, a

hat, sturdy boots, a swimsuit and lunch. Leaders Kana Covington 966-8431 and Linda Larish 966-6337

Friday, December 25

Christmas hike in HVNP (route TBA) (F, C, E)

D = 6-7 miles E = +/- 600'

Celebrate the holiday with an energetic hike in the park. Check out the holiday decor afterwards at Volcano House. Leaders Rich Vogler 328-8387, and Diane Ware 967-8642

Saturday, January 2, 2016

Anaeho'omalu Bay (C, E, F)

D = 3 miles, E = sea level

This can be a hot hike, but we will be rewarded with great historical petroglyphs, possible whale sightings and a swim or snorkel. Bring your hat, swim and snorkel gear, lots of water and lunch, and be prepared to enjoy a great day. Leaders Michael and Sunny LaPlante 964-5017 or 769-9343



Several members enjoyed the hike on the Kaumana Trail sponsored by DLNR, where many insects were spotted, including the happy-face spider pictured above.

New Honolulu City Lights Should Be Changed

By Kevin Jim, Ph.D.

The City of Honolulu is planning on replacing all of its streetlights with new L.E.D. lights to reduce energy use by 50%. The problem is that they plan to use lights with a lot more blue light than the high-pressure sodium lights they are replacing. Blue-rich lights greatly increase light pollution, because blue light is scattered by the atmosphere much more efficiently than the redder light of the existing streetlights. While most of the new lights will be shielded to prevent light from going directly upward, about one third of the light is reflected from the

ground back into the sky, destroying the beauty of the night sky. The light from Honolulu is already compromising the previously dark skies of Haleakalā, and the new lights will ruin the view in that direction for visitors and astronomers alike.

Blue light also adversely affects the circadian (day-night) cycle of most animals, with humans suffering many ill effects, including loss of sleep and increased rates of cancer [1]. Animals that rely upon moonlight or starlight for navigation, such as birds and turtles, can be confused by artificial lights [2], and this can cause injury and death.

There are severe restrictions on lighting

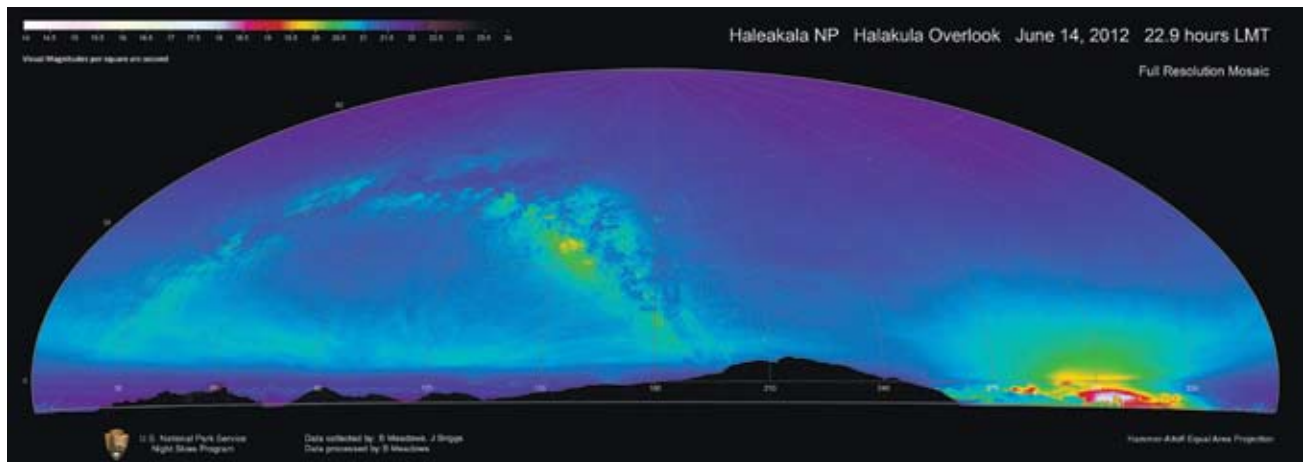
on Kaua'i due to the impact of artificial lights on endangered species.

The Sierra Club urges its members to contact their City Council members and the Mayor to express thier concern. There's still time to stop this plan and to replace the lights with ones that both save energy and save the night sky for humans and animals to enjoy.

There's much more information at <http://honolululights.wordpress.com>

[1] health.harvard.edu/staying-healthy/blue-light-has-a-dark-side

[2] physics.fau.edu/observatory/lightpol-Birds.html



The bright Oahu city lights can be seen in the lower right of this image taken from the Haleakalā Overlook.

Monk Seal

Continued from page 5

healthy pups in the main Hawaiian Islands.

Scientists say monks seals are perilously close to extinction with only about 1,100 Hawaiian monk seals left, and thier numbers declining by 3-4 percent annually. Protected habitat on the main islands offers the best chance for monk seals to recover. The new protections require consultations with biologists before federal agencies can issue permits for or fund activities that will destroy or adversely modify essential

monk seal habitat. Endangered species with critical habitat are twice as likely to be on the path to recovery than those without habitat protections.

While the habitat protections will help the seals significantly, the rule does not restrict people's access to beaches or their ability to swim, surf, snorkel, fish, or gather. The habitat protections regulate government activities such as military training, coastal development permits, and water pollution permits. They'll mean cleaner, healthier beaches for all of us. And habitat protections create the best opportunity that the long-declining Hawaiian monk seals have ever had to avoid extinction and become thriving

members of Hawai'i's diverse ecosystem for generations to come.

There is strong support for the habitat protections. A poll of state voters commissioned by the Center after the ruling found that 81 percent supported the critical habitat ruling and 93 percent said it was important to save monk seals from extinction, support that cut across all demographic groups. The state government also came out in support of the rule. The Department of Land and Natural Resources Chairperson, Susanne Case, stated, "Critical habitat designation is an important tool in the larger effort to recover this valued native species, found nowhere else in the world. ■"

Candidate Biographies:

Vote for Your Sierra Club Leadership!

Chapter Executive Committee Candidate Biographies

Alana Bryant

Alana Bryant is running for re-election to the Sierra Club of Hawai'i Executive Committee. In her first year on the ExCom, Alana gained valuable experience and insight about the politics of environmental issues. She served as the Chapter's eyes and ears in the Turtle Bay lawsuit settlement process. A young and very eager attorney, Alana is committed to solving Hawai'i's environmental challenges, especially around land use and clean energy issues. She considers it an honor to continue to contribute to the ExCom.

Lucienne de Naie

Lucienne de Naie is a Maui activist/advocate for trails, streams, coastal protection, watersheds, native habitats and cultural resources. She has served as Hawai'i Chapter Chair and Vice Chair and Delegate to the Council of Club Leaders. As a life-long hiker, Lucienne is committed to strengthening the Chapter's outdoor activities programs for all ages, continuing the Club's legacy into the 21st century.

Sheila Sarhangi

Sheila Sarhangi is a communications strategist who specializes in working with communities, nonprofits, foundations, and government agencies to achieve conservation goals. Her

passion lies in making change happen. She has worked on a wide range of environmental issues across the Pacific, including Hawai'i, Palau, Fiji, Papua New Guinea, the Northern Mariana Islands and Indonesia, including legislation, and species protection, and the creation of a national marine monument. She is honored to have served on the Hawai'i Chapter ExCom for three years.

Doorae Shin

With a B.A. in Sustainability Studies, Doorae is now Kokua Hawai'i Foundation's Waste Reduction Coordinator. Since age 15, Doorae has been a community organizer for social and environmental justice. In 2012, she led a successful campaign banning EPS foam (Styrofoam) from the UH Mānoa campus. She then served as the UH System's first Student Sustainability Coordinator. With a wealth of experience in environmental advocacy, Doorae hopes to empower youth to engage in Hawai'i's environmental movement.

Deborah Ward

Deborah Ward, a member for thirty years, learned her passion for native mo'olelo, trails, and ecosystems of Hawai'i with Lorin Gill. Retired from the University, she continues to play an active role in Moku Loa Group as an ExCom and conservation committee member. She initiated the annual MLG science fair awards program. She looks

forward to strengthening the Club by encouraging and mentoring younger members in conservation work.

Colin Yost

Colin Yost currently serves the Chapter's ExCom and chairs its ExCom's Energy Subcommittee. His career as an environmental advocate includes: Green Corps Organizer 1992-1995; civil fraud prosecutor of Enron, Duke Energy and the Williams Companies, 2001-2003; attorney for the Sierra Club, KAHEA, and other Hawai'i organizations on the Koa Ridge case and other matters, 2006-2010; partner and current Chief Operating Officer of RevoluSun, 2010-present. He would be honored to continue helping the Sierra Club promote renewable energy, clean transportation, and ecosystem protection in Hawai'i.

GROUP EXECUTIVE COMMITTEES 2015 CANDIDATE BIOS

O'ahu Group Executive Committee Candidate Bios

Seats will be filled by the top three vote-winners. Please vote for no more than three candidates.

Hunter Heavilin

Hunter currently serves as Secretary of the O'ahu Group Executive Committee. He grew up in Hawai'i,

For more opportunities to meet this year's candidates, sign up for email updates on our website at sierraclubhawaii.org/join

studied tropical forestry, and obtained his master's in urban planning. He has been a leader in the permaculture movement in Hawai'i, and is a director of three local nonprofit organizations: O'ahu Farm to School Network, Urban Farm Hawai'i, and the Asia-Pacific Center for Regenerative Design. He currently spearheads the O'ahu Group's effort to halt the spread of "fake farms."

Dr. Bianca Isaki

Bianca currently serves on the O'ahu Group Executive Committee. She's active in environmental and Hawaiian rights protections through her work with KAHEA, the Conservation Council for Hawai'i, and the Hawai'i Alliance for Progressive Action. She's an independent writer and researcher on Hawai'i water code, public process, public trust land, and other environmental law and policy issues. She currently spearheads our efforts to prevent Navy fuel tanks from contaminating our aquifer.

Joy Leilei Shih

A physicist turned oceanographer specializing in marine biodiversity and conservation, Leilei currently serves as vice chair of the O'ahu Group. Leilei has been instrumental in O'ahu's plastic bag ban, UH's Styrofoam ban, and UH's decision to divest from fossil fuels. She is now targeting the UH Foundation and the state Employee Retirement System for divestment. She is also planning a campaign to shut down the AES coal plant in Kapolei.

Elliot Van Wie

Elliot currently serves on the O'ahu Group Executive Committee. He spearheads the Club's successful lobbying effort to expand Honolulu's protected bike lane network. Elliot is heavily engaged in Club efforts to oppose the NextEra/HECO merger and to explore alternative utility models. He is also on the planning committee for the World Conservation Congress, and is engaged in our work opposing fake farms, promoting divestment and

boosting farmworker pay.

Kaua'i Group Executive Committee Candidate Bios

Seats will be filled by the top four vote-winners. Please vote for no more than four candidates.

Judy Dalton

Judy Dalton has served on the Kaua'i Group Executive Committee for 20 years and the Chapter ExComm 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 seawall fronting the 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 six 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 17 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.

Makoto Lane

Makoto Lane has served as a community volunteer in many capacities

such as the Kaua'i Community College Board of Publications and Sustainability Club, the Kaua'i Young Democrats, and as the campaign manager for the 2014 District 15 State Representative primary election. He is currently working on a research project with Dr. Steve Taylor measuring and documenting Kaua'i's Waimea beaches sand erosion.

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 Executive Committee Candidate Bios

Seats will be filled by the top four vote-winners. Please vote for no more than four candidates.

Lauryn Rego

Lauryn has been engaged in protecting Hawai'i's natural resources and supporting Native Hawaiian rights, educating and engaging the community to actively participate in local government. She uses her art industry expertise, producing creative messaging shared through global media outlets. A passionate coalition builder, she serves as Creative Director and Maui Coordinator with Babes Against Biotech, as SHAKA movement social media consultant, and Hawai'i Center for Food Safety outreach contributor. Lauryn supports the Club's work and looks forward to pitching in.

Trinette Furtado

Trinette Furtado serves on 'Aha Kauleo, the statewide coalition for Hawaiian Language Immersion schools

in Hawai'i. She is active in education, environmental, and resource issues. She recently helped organize several very successful community actions for a variety of issues including the well-received Stop the TPP. She has also been instrumental in bringing awareness to issues facing Haleakalā and other wahi pana (sacred places) across Maui. She owns a consultant and design business.

Rob Weltman

Rob Weltman is a retired software engineer with a lifelong love for the outdoors and for preserving and securing an environment that will sustain the plants and animals of our shared earth and the people who walk it. He sees bringing people of all ages and backgrounds into nature to experience the outdoors firsthand as a key element in building broad support for the action required to safeguard our natural resources.

Deborah Mader

Deborah Mader is an environmental activist who runs a nonprofit and organizes community events like beach cleanups, environmental forums, teach-ins, sign waves, food-planting events, voter registration, etc. She was a key organizer of the GMO moratorium and conceiving and planning the "Stop the TPP by land and sea" world record pū event, working closely with Marti Townsend, the Maui Group board, and other international environmental groups.

Clare Apana

Clare Apana, 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.

Sara Tekula

Sara Tekula is a professional writer, media producer, and marketing consultant and she lectures at UH-Maui. She co-founded TEDxMaui and has produced the event since its inception in 2011. Sara works to promote native habitat restoration, is co-founder of Plant a Wish, and consulted for the Hawaiian Islands Land Trust. She is currently Communications & Outreach Director of the Merwin Conservancy. She has served as vice president of the Maui Group since 2013.

Moku Loa Group Executive Committee Candidate Bios

Seats will be filled by the top four vote-winners. Please vote for no more than four candidates.

Nelson Ho

A Sierra Club member since 1982, he was Chapter ExCom Chair for two years and a Regional Vice President, representing Hawai'i for the Club in San Francisco and Washington D.C.

In 1982 he joined the effort against the geothermal industrialization of Hawaiian rainforests upwind of the Hawai'i Volcanoes National Park. In 1995 he picked up the flag that conservation kupuna's raised in the early 1970s against the urbanization and land

mismanagement policies on the summit of Mauna Kea. Both issues have had significant progress, but there is lots more to do.

Troy Abraham

Troy Abraham is a young Hawaiian resident of Moku o Keawe. His interests include enjoying the outdoors, educating himself through reading and research, tracking the NextEra takeover proposal, participating in the making of a sovereign Hawaiian nation and energizing youth to achieve their potential. He grew up on O'ahu, and considers Moku o Keawe his home. His objective is to do all possible to make Hawai'i and the world a peaceful united place for all to live.

Cory Harden

Born in Hilo and a 40-year resident. Cory is the current Conservation Co-chairperson and has been for five years. In that capacity, she has attended numerous hearings, county council meetings, and conservation events. She has been the political committee chairperson for the last two election cycles.

Deborah Ward

Deborah Ward, a member for thirty years, learned her passion for native mo'olelo, trails, and ecosystems of Hawai'i with Lorin Gill. Retired from the University, she continues to play an active role in Moku Loa Group as an ExCom and conservation committee member. She initiated the annual MLG science fair awards program. She looks forward to strengthening the Club by encouraging and mentoring younger members in conservation work.

Follow the instructions on the back cover and fill out your ballot on page 23, or vote online at:

sierraclubhawaii.org/ballot



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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Group and Chapter Executive Committee Election Ballot

Please vote in both the Chapter and your Group election.

Instructions on back cover, or vote online at sierraclubhawaii.org/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

Alana Bryant

Doorae Shin

Lucienne de Naie

Deborah Ward

Sheila Sarhangi

Colin Yost

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)

SINGLE

JOINT

See Bios on Pages 19 & 20

SINGLE

JOINT

See Bios on Pages 19 & 20

Hunter Heavilin

Joy Leilei Shih

Dr. Bianca Isaki

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

Judy Dalton

Makoto Lane

David Dinner

Juan Wilson

Marge Freeman

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

SINGLE

JOINT

See Bios on Pages 20-21

SINGLE

JOINT

See Bios on Pages 20-21

Lauryn Rego

Clare Apana

Trinette Furtado

Karen Chun

Rob Weltman

Sara Tekula

Deborah Mader

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

Nelson Ho

Cory Harden

Troy Abraham

Deborah Ward

**VOTING
INSTRUCTIONS
ON BACK!**



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Your Sierra Club Leadership*

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Honolulu City Lights
Should be Changed

Chapter Reports & Outings

**Protecting Hawai'i's
Environment,
Mauka to Makai!**

MĀLAMA I KA HONUA "Cherish the Earth" *A Quarterly Journal of the* SIERRA CLUB OF HAWAII OCTOBER - DECEMBER 2015

 **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 2016

MEMBERS MAY ALSO VOTE ONLINE AT: www.sierraclubhawaii.org/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, 2015.