By Caitlin Pomerantz

Hawai‘i has always embodied a strange contradiction as both a poster child for clean energy innovation and the state most heavily dependent on fossil fuel. The urgency and the opportunity illustrated by our Two Futures campaign are both embedded in Hawai‘i’s geography. Like many island chains, we have abundant access to virtually every clean energy source on the planet. Unlike our sister archipelagos, however, Hawai‘i carries the distinction of being the most remote island chain in the world to support a significant population. This puts added strain on our grid, while simultaneously creating a huge environmental and economic incentive to achieve energy independence by harnessing local clean energy sources.

Transitioning to a sustainable energy profile will require a multi-pronged approach. Energy efficiency and energy conservation will play a crucial role, but that’s only half the picture. If we want to realize Hawai‘i’s true potential for clean energy, we need to stay focused on building a more flexible, efficient, modern grid that can take full advantage of the clean energy sources at our fingertips.

Renewable energy sources tend to be intermittent by nature, and they need to be managed differently than fossil fuels. A modern grid is essentially a catchall term for the different strategies, equipment, and policies that collectively allow us to effectively deploy, monitor, and adjust clean energy sources. The tools available to us may include energy storage, inverters that respond quickly to power spikes, or monitoring equipment that can give real-time updates on energy supply and demand.

The need for grid modernization has been apparent for over a decade, but it has taken a crisis to get the utility serious about keeping pace with renewable generation. In a situation even HECO describes as a "severe emergency," thousands of homeowners have been told that they can’t install solar panels because the grid has reached maximum capacity for renewables on certain circuits. The immediate problem may simply be HECO’s overly conservative estimates about how much intermittent energy the grid can handle and inflated estimates of how much it is currently carrying. Critics, including former U.S. The challenge our utility faces now is to situate individual clean energy projects within the context of a larger strategic plan.

Continued on page 2
Hold HECO Accountable to Clean Up the Grid

Join us in calling on HECO to lower utility rates, connect more rooftop solar, and take swift, meaningful action to build a clean-energy grid for Hawai‘i. In a recent ruling, the PUC gave HECO a deadline of August 20, 2014, to develop a meaningful plan to address these issues. HECO has perpetuated our dangerous and outdated dependence on imported oil for too long. Now is the time to hold the utility accountable to act in the public’s best interest and ensure a clean-energy future for Hawai‘i.

Over the last nine months, we’ve engaged over 100 volunteers in on-the-ground actions, rallied volunteers from around the state to submit over 200 pages of testimony, and gathered over 8,000 petition signatures in support of expanding access to rooftop solar and achieving energy independence by building a modern, efficient, clean energy grid. Here’s how we did it:

September 6, 2013: With no oversight or communication with customers, regulators, or the solar industry, HECO unilaterally announces an immediate moratorium on solar installations on O‘ahu, causing chaos for hundreds of homeowners and precipitating a 50% decline in rooftop solar permits.

November 4, 2013: The Sierra Club launches a campaign calling on HECO to make solar more affordable and accessible for everyone by highlighting the solar stories of people all around the islands. Our petition asking the Public Utilities Commission to review HECO’s recent actions garners almost 1,000 signatures in the first two days.

February 4, 2014: The Sierra Club rallies clean energy advocates and solar customers to testify in support of a bill to modify the electrical grid. At the packed Senate hearing, Ewa Beach resident Cynthia Cantero testifies that the costs of HECO’s delays are causing her to approach foreclosure. HECO testifies against the bill, which would ensure reliable and affordable access to rooftop solar, citing concerns about the wording.

March 26, 2014: Former U.S. Energy Secretary and Nobel Prize-winning physicist Dr. Steven Chu calls out HECO for using false claims to halt the progress of rooftop solar.

April 1, 2014: Teams of Sierra Club volunteers hit the streets to canvass and gather petition signatures in the neighborhoods hardest hit by the solar moratorium.

April 28, 2014: After a year-long planning process characterized by delays and reports of neglect and mismanagement on the part of HECO representatives, the Public Utilities Commission rejects HECO’s clean-energy transition plan, calling it “not in the public interest” and expressing disappointment that HECO has “failed to articulate a sustainable business model.”

May 1, 2014: After months of rallying support and working through multiple drafts, the House passes HB 1943, in support of grid modernization.

May 7, 2014: The Sierra Club makes headlines when it turns out over 30 people to protest outside of HECO’s annual shareholder meeting. A representative for the Club attends the meeting and presents HECO representatives with over 5,000 signatures calling on HECO to expand access to rooftop solar and make a plan for a transition to clean energy that benefits everyone.

May 17, 2014: The Sierra Club joins with Surfrider Foundation and other community groups to celebrate Hands Across the Sand, a global day of action to support clean energy. Over 200 people turn out to help launch our Two Futures campaign, which illustrates the stark choice between energy independence and continued dependence on imported oil.

May 26, 2014: We mark the third month of PUC deadline by launching a petition to hold HECO accountable to clean up the grid. Our petition calls for HECO to prioritize technical upgrades to the grid that will allow an increase in solar PV installations, a timeline to retire outdated fossil fuel plants, and a plan to more fully utilize existing renewable energy generation, for example, wind power.

World Conservation Congress—A Big Deal

The decision by the International Union for the Conservation of Nature to hold its next World Conservation Congress in Honolulu in 2016 is a very big deal, not just because the Sierra Club—spurred by our or our political counterparts—will weigh in on everything from the kudos it will bring to us and the city, but because of the opportunities it will give us to leverage the event to achieve real environmental gains that could serve as a model to the U.S. and the world. This is our political leaders approach major environmental decisions over the next two years, we will be able to credibly argue that the whole world “You seriously want to switch to LNG?” “You seriously want to halt installation of rooftop solar?” “You seriously want to cut conservation spending?” And it’s not just the negative. We can credibly argue that the World Conservation Congress will provide an opportunity to gain a global audience for the Hawaii innovation: “Let’s get OTEC working in time for world leaders to see the potential…” One day of the congress is set aside for excursions: “Come on a hike to see how we’re preserving the North Shore, rebuilding a food-growing agricultural economy, and achieving food and energy self-sufficiency…” Just imagine the possibilities!
KAUAI GROUP
Judy Dalton
Environmental activist for 19 years

Judy Dalton has been leading outings and serving on the Kauai Group Executive Committee for 19 years and served on the Hawaii Chapter Executive Committee for 16 years.

Seawall along Waialua Golf Course Stopped Judy’s first foray into environmental activism on Kauai’s began in 1996 when she discovered that the county was constructing a 6-foot-high, 3/5-mile-long revetment along the beachfront Waialua Golf Course. She immediately went into action, questioning governmental agencies for the federal army and EPA to the Army Corps of Engineers and the DLNR. Judy ultimately prevailed upon former U.S. Rep. and mayor of Honolulu, Beryl Blaich, to help. They worked intensively for months to stop construction. Finally, the Army Corps of Engineers and DLNR issued a cease and desist order, forcing the county to remove the non-permitted seawall, and Nukoli’i Beach was saved.

Donkey Beach Victory In 1998, Judy led a 7-month-long struggle to prevent Kekaha Plantation from building “farm dwellings” as close as 3 feet from the bluff of a wild and scenic coastline popularly known as Donkey Beach. To protect the coastline from the visual intrusion of houses along the ridge, she spearheaded the formation of Friends of Donkey Beach, Judy, fellow Executive Committee member Marge Freeman, and dozens of community members presented testimony to the Kauai Planning Commission for months in an unsuccessful attempt to get the building footprint set further back. Judy asked David Frankel, attorney and former Sierra Club Chapter director, for assistance, which resulted in the County of Kauai’s and the planning commission being sued.

Creating Malama Maha’ulepu The Sierra Club in 2001 named Maha’ulepu one of Hawaii’s top seven remaining wild and scenic shorelines. As this shoreline was vulnerable to development, Judy persuaded the Hawaii Chapter Executive Committee to focus its Keep It Wild campaign on Maha’ulepu and to create a conservation coordinator position for Kauai. Malama Maha’ulepu was created and dynamic land-use planner Beryl Blaich was hired as its director. The organization has received an EPA award in its pursuit of preserving this environmental and cultural gem.

Volunteers in the Spotlight
Elliot Van Wie
Activist for clean energy

Elliot Van Wie long before I see a reason to involve you canvassed for solar energy and called for action on climate change. Why these issues? Sustainable energy solutions are something I’ve always been interested in. At a pivotal point in my education I read James Howard Kunstler’s The Long Emergency. Kunstler discusses peak oil, the ramifications of ignoring our looming energy crisis, and his vision of our post-apocalyptic future, should we ignore the warning on the wall. It got me thinking about what failure could mean for humanity and the exponential amount of damage we caused the longer we wait. So that’s the big-picture reason, but locally, I find HECO’s practices unjust in terms of class and access. The changes we’ve been fighting for are good for everyone, in these terms.

What are the points you and other volunteers made when warning of the threat to solar? We used all the facts at our disposal, but I found that those relating to equity and people’s wallets mattered most.

Elliot Van Wie has been an active volunteer in three areas: as secretary to the Oahu Group, canvassing to raise awareness of the threat to solar, and planning Hands Across the Sand, the annual worldwide demonstration calling for action on climate change. He is active in the Hawaii Bicycle League and Director of Community Outreach & Public Relations at Livable Communities Hawaii (LCH). How do your volunteer activities with the Chapter relate to your work at a local nonprofit?

LCH assumes that we are part of various communities, which we want to thrive, spur innovation, foster happiness—and do it efficiently.

Uniquely in Hawaii, we have proposed physical plans that espouse these values, like the Bertaniya Young King corridor, based on the concept of Complete Streets. We partner with allies like the Sierra Club to pursue our goals. We have in common. Just to be clear, allied groups do things like LCH will never do, and it is often the case that I am helping on a project as Elliot Van Wie long before I see a reason to involve LCH, if I ever do.

You canvassed for solar energy and called for action on climate change. Why these issues? Sustainable energy solutions are something I’ve always been interested in. At a pivotal point in my education I read James Howard Kunstler’s The Long Emergency. Kunstler discusses peak oil, the ramifications of ignoring our looming energy crisis, and his vision of our post-apocalyptic future, should we ignore the warning on the wall. It got me thinking about what failure could mean for humanity and the exponential amount of damage we caused the longer we wait. So that’s the big-picture reason, but locally, I find HECO’s practices unjust in terms of class and access. The changes we’ve been fighting for are good for everyone, in these terms.

What are the points you and other volunteers made when warning of the threat to solar? We used all the facts at our disposal, but I found that those relating to equity and people’s wallets mattered most.
It should be noted that some relatively uncontroversial bills, such as adopting a largely target goal of 100% clean energy in Hawai‘i, ran into a surprising amount of difficulty. The Public Utilities Commission—led by Mina Morita—vigorously opposed many bills introduced at the legislature, perhaps seeing them as unwanted intrusions on the PUC’s authority. On the whole, it was surprising how quickly legislators simply let bills die rather than attempting to work them out and get something passed. The issues such as requiring storage on the grid or striving for 100% clean energy died because of the PUC’s opposition. Bills that did not pass, and deserved a better chance, included public funding for election candidates (HB 2533); increased accountability for reporting problems on state land, such as with the recent Matson molasses spill (HB 2621); allowing the counties to charge stormwater fees so as to help improve stormwater systems statewide (HB 2204); improving the electronic waste recycling program (HB 2307 and SB 2857); and preventing telephone book deliveries unless someone “opts-in” to receive one (SB 3014).

Good bills that deserve particular attention:

Grid Modernization (HB 1943)

Plenty has been written about the recent solar crisis in Hawai‘i. As is noted elsewhere in this magazine, HECO is stopping further rooftop solar by pointing to technical limits. Whether these technical limits are real or not, it’s plain that we need to be constructing the grid of the future: one that can handle renewable energy from many sources. Recognizing that renewable energy is the cheapest form of electricity available today, we need to find ways to bring it online quickly in a fair and cost-effective manner.

This measure—in its final amended form—did little more than recognize that some short-term improvements could be made in the near term, and it required the commission of a proceeding before the PUC to address more systemic problems: specifically, how to address cost fairness, how to make technical upgrades, and how to change policy to encourage more renewable energy use.

And yet even this streamlined bill faced significant opposition from Senator Baker. It passed only after agreements were made to strip much of the good out of it and to make the requirement that the PUC hold a proceeding an option instead. As written, this measure establishes the framework for a good proceeding—if the PUC decides to address the rooftop solar controversy.

Funding for Invasive Species Removal (HB 1716)

Invasive species brought in from Asia and the U.S. mainland cost the state millions of dollars each year. And yet efforts to prevent the spread of alien pests have typically been poorly funded. Perhaps because of the media attention to some of the recently introduced creatures, like the coconut rhinoceros beetle, the legislature allocated a moderate amount ($5 million) of funding this year to aid in the prevention and removal of invasive species. This a good start, but the state will need to continue to allocate these funds on a year-to-year basis. It cannot be a simple one-time Band-Aid.

Climate Change Planning (HB 1714)

Although Hawai‘i recognizes climate change and has taken steps to reduce its production of greenhouse gases, little has been done to plan for the inevitable impacts of climate change. With its dense populations centers near the shoreline and hundreds of endangered or near-endangered species, Hawai‘i will likely be affected by climate change more than most states. We should expect an excessive number of heat days and cases of heat exhaustion, diminished rainfall and less fresh water, more frequent storms and hurricanes. The bill provides a framework for climate change by tasking DLNR to analyze and develop a plan to address sea level rise. The Office of Planning is required to create a framework for addressing other statewide climate impacts.

While “interagency committees” and “framework reports” aren’t exactly the best way to strip the vegetables out of a bill and to make the requirement that the PUC hold a proceeding an option instead. As written, this measure establishes the framework for a good proceeding—if the PUC decides to address the rooftop solar controversy.
Who gets a GREEN thumbs up?

It’s easy to say you’re for the environment, but which candidates’ actions show they really mean it? The Sierra Club of Hawai‘i and its four island groups, sorted through all the candidates and selected the best choices for protecting the ‘āina. 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.

E lecting 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

Need to find out what district you’re in? Check out the Office of Elections website at:
hawaii.gov/elections

STATE OF HAWAI‘I
Lt. Governor: Clayton Hee
OHA: Mahealani Wendt
OHA: Hina Wong-Kalu

STATE SENATE
District 3: Joshua Green
District 4: Lorraine Inouye
District 5: Gil Keith-Agaran
District 6: Terez Amato (Lindsey)
District 21: Maile S.L. Shimabukuro
District 23: Gil Riviere

STATE HOUSE
District 2: Edwin Miranda
District 4: Joy San Buenaventura
District 5: Richard Creagan
District 6: Nicole Lowen
District 9: Kimo Apana
District 11: Kanilea Ing
District 15: Dylan Hooser
District 20: Keiko Bonk
District 24: Della Au Bellati
District 31: Aaron Ling Johanson
District 35: Roy Takumi
District 36: Marilyn Lee
District 41: Matt LoPresti
District 42: Nicole Ferguson
District 45: Lauren Matsumoto
District 47: Kent Fonoimoana
District 48: Robert Harris
District 50: Cynthia Thielen
District 51: Chris Lee

BIG ISLAND COUNTY COUNCIL
1: Valerie Poindexter
2: Kerri Marks
4: Roy Lozano
5: Tiffany Edwards Hunt
6: Richard Abbett
8: Karen Eoff
9: Margaret Wille

MAUI COUNTY
Mayor: Tamara Paltin
Council Kahului: Don Guzman
Council Paia-Makawao-Haiku: Mike Molina
Council West: Elle Cochran
Council South: John Fitzpatrick

Thanks for Voting! Your Green Choices Keep Hawai‘i Nei Vital & Beautiful!
Nate’s Adventures

Misumenops Spiders in the Hawaiian Islands

by Nate Yuen

For the past several months my spidering buddy, Francis Joy—better known as Jay—and I have been looking for endemic Hawaiian spiders in remote parts of the island. Jay found a chartreuse-colored spider perfectly camouflaged in the vegetation. The spider was a little more than half an inch long with a stocky body and thick legs that gave it a strong and formidable appearance.

The most distinctive feature of the spider was a red trapezoidal shield on the front of its head, upon which its eyes were situated. Imagine our excitement when the spider ambushed an unsuspecting spider and took off with its meal!Recently Jay found another spider with the distinctive shield, this one white. It was about three-quarters of an inch long from leg to leg, large compared to other endemic spiders. The spider was guarding its nest on the back side of a leaf. Its brood of eggs was wrapped in silken threads.

The red, yellow, and gray trapezoidal shield on the front of its head is fascinating to examine. The colorful shield is presumably where its eight eyes are situated, but I could make out only three pairs of eyes. When I posted video of the spider to the Hawaiian Entomological Society, Sam Gon III identified this as a Misumenops spider, an endemic crab spider in the family Thomisidae. There are 17 known species of Misumenops species endemic to the Hawaiian Islands, most of which are found in mesic to dry forests.

Misumenops are commonly known as flower spiders because they mimic the color of flowers on which they sit while preparing to ambush pollinating insects. Genetic data suggest that the Hawaiian thomisids are descendants of flower spiders that found their way to the Hawaiian Islands by floating in the air stream on long threads of silk.

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Misumenops spiders occupy different substrates in the ecosystem. The green and brown speckled Misumenops editus, endemic to the summit of Mt. Kaʻala, Oʻahu, is perfectly camouflaged against moss. M. aridus and M. nigrofrenatus are well hidden on white lichen. According to Hawai‘i officials there are at least 132 spiders endemic to the Hawaiian Islands. So many more for me to find!

To see more of Nate’s photos of Misumenops spiders, go to hawaiianforest.com/misumenops-spiders-in-the-hawaiian-islands

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.
Turtle Bay
We were part of the team that lobbied and campaigns to ensure that the Phase 1 and 2 portions of the proposed development plan at Turtle Bay would be permanently blocked. That goal was met following the agreement by the state to purchase the development rights to 665 acres from Replay Resorts. The agreement includes two public parks, wetlands, and a trail system and ensures oceanfront access for the public.

There were several organizations and individuals who worked hard to make this happen. The O’ahu Group’s role was to persuade Mayor Kirk Caldwell to release $5 million dollars of city funds, which were a crucial part of the deal. The mayor went from being skeptical to being an enthusiastic advocate.

We will continue our effort to block the final Phase 3 portion of the plan, which would lead to two more hotels and 100 vacation homes. We believe we can build on the success of the conservation easement agreement to protect another parcel of land abutting the James Campbell National Wildlife Refuge. There appears to be interest on the part of the resort, and we believe that after the commitment of $50 million in public funds for the Phase 1 & 2 agreement, this time private funders will share our endorsements with you as we hope to interview candidates and we will send to candidates for City Council.

We were also a key component of the team that helped ensure victory in Honolulu’s bid to host the 2016 World Conservation Congress, the quadrennial gathering of more than 6,000 political, scientific, business, and activist leaders—some of whose members opposed the idea of the event being held in O’ahu. We helped to persuade the City Council to ensure that traffic on Kamehameha Highway would be reduced and that a resolution in support of the BYK Project, for which we had lobbied. The project would transform the corridor along Beretania, Young, and King streets between Moili’ili and Thomas Square by introducing Complete Streets concepts: protected bike lanes, dedicated bus lanes, narrower pedestrian crossings, and plantings to make the corridor a safer and more attractive place for pedestrians and bicyclists.

Elections
For the first time, the Executive Committee has completed a candidate questionnaire to be sent to candidates for City Council. We hope to interview candidates and we will share our endorsements with you as soon as we have them.

Anthony Aalto
Chair, O’ahu Group

SEE PAGE 21 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

Hoyopii & Koa Ridge
In another piece of good news, the state Supreme Court has agreed to hear both our appeals of the Land Use Commission decisions on the two developments, which would allow construction of 17,000 homes on the two most productive food farms in the state.

BYK Project
Our efforts to focus attention on beautifying the city in order to reduce the demand for suburban homes got a lift when the City Council passed a resolution in support of the BYK Project, for which we had lobbied. The project would transform the corridor along Beretania, Young, and King streets between Moili’ili and Thomas Square by introducing Complete Streets concepts: protected bike lanes, dedicated bus lanes, narrower pedestrian crossings, and plantings to make the corridor a safer and more attractive place for pedestrians and bicyclists.

Elections
For the first time, the Executive Committee has completed a candidate questionnaire to be sent to candidates for City Council. We hope to interview candidates and we will share our endorsements with you as soon as we have them.

Anthony Aalto
Chair, O’ahu Group

very steep climb to the Kōlōlau Summit where we will enjoy great views. Jean Fujikawa Jean-f@ hotmail.com

Sunday, July 13
Photography hike: Lili‘uokalani Garden (E/F)
Reservations required. The pace of photography hikes is extremely slow. Named after Hawai‘i’s last reigning monarch, Lili‘uokalani Botanical Gardens is centrally located in lower Nu‘uanu valley. Nu‘uanu stream and Waikahalulu falls are favorite subjects among professional photographers and photo enthusiasts alike. The garden plantings consist of many interesting native Hawaiian plants in a natural setting. Stan Oka 429-9814, Clyde Kobashigawa dylekobashigawa@clearwire.net. John Shimogawa 227-9925, Susan Tom 206-261-4720, Susan Tom

Saturday, July 26
Kaukonahua (F)
6 mi/Moderate+/~500’/Wahiawa We’ll look for native birds as we make our way to a swimming hole. Green Sinclair gsinclai@gmail.com, 753-0528

Saturday, July 26
He‘iva Fishpond Service Trip Paepae o He‘iva (S)
1 mi/Moderate/ Kāne‘hoe Reservations required. The day begins at 8:30 a.m. and ends at 12 p.m. with lunch provided by our staff. We encourage individuals and large groups to sign up. All ages are welcome but children under 12 years old must be accompanied by an adult. Tasks include moving rock and coral, filling buckets, hauling floating barges through the 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 lunch provided by our staff. We encourage individuals and large groups to sign up. All ages are welcome but children under 12 years old must be accompanied by an adult. Tasks include moving rock and coral, filling buckets, hauling floating barges through the
water, cutting/pulling out invasive mangrove, invasive luna removal, trash pickup, and reconstruction of the knapa. Please bring the following items to the workday: covered shoes or tabis (mandatory to participate), clothes you don’t mind getting dirty, sunscreen, and water bottle. Optional: hat, towel, and a change of clothes. Colleen Soares csoares48@gmail.com, 748-9215

Sunday, July 14
Botanical Garden. Group size limit to Kailua Bay, Ko’olau, windward coast. Old Pali Road. Original trail developed Botanical Garden. Part of hike will be on Ko’olau cliffs between Likelike and Pali Kane‘ohe 7.5 mile, one-way loop/Moderate/ Likelike Trail (F)

Sunday, July 27
csoares48@gmail.com, 748-9215 and a change of clothes. Colleen Soares and water bottle. Optional: hat, towel, don’t mind getting dirty, sunscreen, to the workday: covered shoes or tabis

July 14, reservations required. Dan Anderson 690- 0479, danderhi@gmail.com

Saturday, August 9
MCBH Kāne‘ohe Bay Service Project (S) Reservations required. Contact Dan Anderson at 690-0479 or danderhi@gmail.com by August 8. We will be 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, August 10
Pali Lookout Work Project (S) Reservations required. We will be working with Kōloon Mountains Watershed Partnership at the Pali Lookout doing some weeding and native outplanting. As we get closer to the date I will have more info on the times, meeting place, and schedule/activities for the day. Deborah Blair 955-4168

Sunday, August 17
Kamanawai (Moanalua Valley) Hike (F) 11 mi/Strenuous/Valley & Ridge/Moanalua We’ll rendezvous through this lovely valley looking at historic sites before crossing the stream many times on our way to a steep climb to the Kōloon summit. Gwen Sinclair 753-0528, gsinclair@gmail.com

Sunday, August 24
Photography hike: Pālehau-Paikiku (E/F) Reservations required three weeks prior. The pace of photography hikes is extremely slow. Not for those uneasy about heights. Native plants, scenic panoramas, and exquisite tree snails are the attraction in this preserve. Clyde Kobashigawa clyde kobashigawa@clearwire.net, John Shimogawa 227-9925, Stan Oka 429-9814, Susan Tom

Saturday, August 30
Kawaiwaia Trail Hike (F) 5 mi/ 200-ft elevation gain/loss/ Moderate/Kawaiwaia After a long drive through the fields above Haleiwa, we drop down into this deep valley. The trail begins by climbing to a cliff above the stream, and following along an irrigation ditch to a catchment dam. We cross the stream a dozen times to reach the reputed largest natural inland pool on Oahu—great to cool off in. You will hear stories of our past adventures in the valley and see how the valley has been changed by man and nature. Meet at Haleiwa Beach Park at 8:00 a.m. Ed Mensino 455-8193, mensino@hawaii.edu assist: Dave Houle

Sunday, September 7
Photography hike: Mānoa Cliff Trail to Pauoa Flats Hike (E/F) 3 mi/Easy/Contour/Tantalus Contour trail with many native plants and scenic views of Mānoa Valley and looking into ‘Nu‘uanu Valley. Be prepared with rain gear. John Shimogawa 227-9925, Stan Oka 429-9814, Clyde Kobashigawa clyde kobashigawa@clearwire.net, assist: Ronette Morales

Sunday, September 14
Waimano Ridge (F) 15 mi/Strenuous/Ridge/1-700/Pearl City Don’t be put off by the mileage. This trail, a combination of irrigation ditch access and CCC trail, is nicely graded and leads to an awesome lookout over the windward side. Gwen Sinclair gsinclair@gmail.com, 753-6528

Saturday, September 20
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 Dr. in Pacific Palisades above Pearl City at 8:30 a.m. Ed Mensino 455-8193, mensino@hawaii.edu assist: Dave Houle

Sunday, September 21
Sandy Beach Cleanup (S) Meet at 8:30 a.m. at Sandy Beach bathroom at eastern side of the beach park. (Bathroom closer to Makapuu.) We will clean up along highway and coastal areas until 10:30. Bags and gloves provided. All participants under 18 must have a waiver signed by their legal guardian. No one under 18 will be allowed to clean on the highway and will spend their time cleaning the beach and park area. Closed-toe shoes only. No slippers or sandals of any kind. Call Tred 394-2898 for information. Deborah Blair 955-4168

Saturday, October 11-13
Hakalau National Wildlife Refuge, Hawai‘i Island’s (S) Leader: Clyde Kobashigawa clyde kobashigawa@clearwire.net, co-leader John Shimogawa 227-9925

The U.S. Fish and Wildlife Service manages this refuge. They are creating maka‘ai-mauka corridors of native vegetation across open pastures that native forest birds can use in their migrations up and down the slopes of Mauna Kea. The service projects usually involve planting native species such as koa or working in the greenhouse. Accommodations are at a well-equipped cabin at the 6,200-foot elevation with electricity, running water, a flush toilet, a hot shower, 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 Hale‘au’s trail. Participants will have to deal with the elevation. The cabin was built in the 1930s by CCC workers and is very rustic. There are no washroom or shower facilities. There is an outhouse and people will have to live with “horse baths.” We do have a 2-burner gas stove top and a wood-burning stove to keep warm. The reward for this service project, if you’re up to the challenge, is spending the weekend in a very beautiful and fascinating national park.

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 Hale‘au’s trail. Participants will have to deal with the elevation. The cabin was built in the 1930s by CCC workers and is very rustic. There are no washroom or shower facilities. There is an outhouse and people will have to live with “horse baths.” We do have a 2-burner gas stove top and a wood-burning stove to keep warm. The reward for this service project, if you’re up to the challenge, is spending the weekend in a very beautiful and fascinating national park.

Two 3-Day Neighbor Island Service Trips

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 Hale‘au’s trail. Participants will have to deal with the elevation. The cabin was built in the 1930s by CCC workers and is very rustic. There are no washroom or shower facilities. There is an outhouse and people will have to live with “horse baths.” We do have a 2-burner gas stove top and a wood-burning stove to keep warm. The reward for this service project, if you’re up to the challenge, is spending the weekend in a very beautiful and fascinating national park.

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Lack of Transparency in Dairy Review Process Worries Island Residents

Kaua‘i group continues to monitor the potential impact of a large-scale industrial dairy proposed for Māhāʻulepu Valley and coastal area on Kaua‘i. If not properly designed and regulated, Hawai‘i’s Dairy Farms’ project has the potential to cause significant and irreversible ecological damage. The latest development involves HDF’s second attempt at a comprehensive nutrient management plan (CNMP). Presenting an abundance of untested assumptions and erroneous information, HDF has been required to submit an adequate plan that is currently under review by the Department of Health (DOH). However, the public is not allowed to view the document.

The refusal to share critical information about the current proposal hinders the review process and fosters public distrust. At minimum, information about the current proposal of untested assumptions and erroneous information, HDF has been required to participate. There will be 43 ships, 200 aircraft, 6 submarines, and countless bombs, missiles, and torpedoes. They are planning to sink at least three ships and leave them to pollute the ocean bottom. The Pacific Missile Range Facility (PMRF) on Kaua‘i is the wheelhouse for many activities of RIMPAC. These activities include many that are damaging to ocean flora and fauna, such as the development of submarine-based ballistic missiles and nuclear warheads. The military has acquired permits that allow for the killing of thousands of marine mammals and endangered species. Ocean, reefs, beaches, dunes, valleys, and floodplains will be affected by lead and depleted-uranium munitions as well as polychlorinated biphenyls (PCBs), oil, hydraulic fluid, defoliants, and countless other contaminants used in war and war games. The coalition (oceanspacepark.org) will sponsor a teach-in on the impacts of RIMPAC. The group will host a RIMPAC hotline at (808) 337-9977, where people can report any unusual or dangerous activities that may have been caused by chemical testing a priority.

Now is the time to call on your state senator and representative and your Congress member to support education, designation of aquatic life benchmarks. For the killing of thousands of marine mammals and endangered species. Ocean, reefs, beaches, dunes, valleys, and floodplains will be affected by lead and depleted-uranium munitions as well as polychlorinated biphenyls (PCBs), oil, hydraulic fluid, defoliants, and countless other contaminants used in war and war games. The coalition (oceanspacepark.org) will sponsor a teach-in on the impacts of RIMPAC. The group will host a RIMPAC hotline at (808) 337-9977, where people can report any unusual or dangerous activities that may have been caused by chemical testing a priority.

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**CHAIR'S REPORT**
Aloha Maui Members! Recently we held one of our in-person Hawaii Chapter Executive Committee meetings with delegates from each Group in the islands. The purpose of this meeting was to set strategic goals for the Chapter. Our main takeaway from this planning session was that clean renewable energy will be a priority in the coming years for the Club. Our goal is to see the increase of renewable energy generation and usage within the state. The proliferation of clean energy will reduce our dependence on polluting fuels like oil and coal. This change is a necessary step in reducing our carbon footprint. Climate change is the lens through which we view our choices.

The Maui Group Executive Committee accepted Michael Duberstein’s resignation. Mike served on our boards for the last four years and provided a valuable perspective on many issues. He will be missed on our committee, but we are glad that he will be using his time on important issues in the coming years.

On that note I want to welcome Lily Stagg to our board. Lily is a fabulous volunteer who has worked with the Sierra Student Coalition for many years. She will be stepping up into Michael’s position on the Maui Group Executive Committee. Her involvement with the Club in the past and youthful perspective will add much to our diverse board. As always explore, enjoy, and protect the environment!

- Chris Taylor
- Chair, Maui Group

**CONSERVATION UPDATES:**
**April-June 2014**

North Shore Heritage Park & Ho`okipa Expansion: Maui Council can expand Baldwin Park by a 35.5-acre donation of land if they purchase a 4-acre lot in Kahului from A&B for a new service center. Contact: Council Budget Chair Mike White: 270-5507 mike.white@maucounty.us

**Stream Restoration:** Historic settlement of Na Wai Eha stream flowed contest case returns a total of 25.4 mgd of water to three streams (12.5 mgd more than released in 2010). Residents continue to seek increased streams flows in Waikapu stream to support stream ecology and traditional agriculture.

**East Maui Streams:** Native Hawaiian communities and Maui Tomorrow will help return to the water commission to seek a more equitable and biologically sustainable division of waters from 28 East Maui streams after the Supreme Court reversed the 2010 commission decision.

**Regulation of Aquaculture Fish Trade:** Confrontations between aquaculture monitors and conservationists monitoring their take brings the need for a statewide ban on aquaculture collecting back into the spotlight. Appeal is pending on need for an EIS for aquaculture-collecting permits.

**Haleakala Solar Telescope (ATST):** Construction on the 14-story telescope has begun, even though the Hawaii Supreme Court agreed that the state land board did not follow its own process in granting a permit for the project.

**Haleakala Trail:** Victory! Maui jury finds in favor of PATH Maui. Haleakala Trail is and always has been a publicly owned trail. Next: determine remedies to allow public use of the trail. A bill to severely limit which historic trails would be considered “public” was defeated in the legislature. Please help this historic effort by donating to the legal fund at pathmaui.org.

**Lahaina Wastewater Injection Wells:** Victory! Federal court ruled (May 2014) that Maui County’s Lahaina wastewater plant not in compliance with the Clean Water Act and must apply for an NPDES permit.

**Wailea 670:** Settlement discussions continue. Recent archaeological survey proposes 152 acres of preserve (original offer was 40 acres before litigation). Donate to Wailea 670 legal fund: mauiiserraclub.org

**Makena Resort:** The resort’s new partnership was granted an SMA permit (May 2014) to build new for-sale condo units and replace existing hotel with a new, smaller one. Permit did include some conditions requested by Sierra Club and others.

**Kihei Mega Walls:** An EIS is being prepared for the new “revised” commercial housing project on the site formerly proposed for two large halls. The LUC is expected to hear the matter in September.

**OUTINGS**

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 use 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. A陟ew EMI office is 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 Pa‘au picture at 497 Pa‘au Picture 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 when possible.

- **D= 3 mi R/T.** Gaia Highway through beautiful forest on windy, muddy jeep road. Pools, waterfalls, and lush plant life. Bring appropriate footwear, sunscreen, lunch, and water. Meet 8:00 a.m. at Haiku Community Center. EMI waiver required (see above). Limit: 15. Contact: Hale Johnson. Call 808-344-0006.

- **D= 3 mi R/T.** Help clear away overgrowth from trail along south (Tropical Plantation) side of Waikapu stream, then enjoy a short hike in a beautiful area near Maalaea. 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 rwwest808@yahoo.com to register.

- **D= 3 mi R/T.** Clearing and maintaining native forest and vegetation for Maui Tomorrow’s project in the Paulehu area of East Maui. 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 rwwest808@yahoo.com to register.

- **Upper Waikamoi Stream (C/E)**

- **Saturday, August 2**
  - **D= 6 mi R/T.** Moderate hike above Hana Highway through beautiful forest on windy, muddy jeep road. Pools, waterfalls, and lush plant life. Bring appropriate footwear, sunscreen, lunch, and water. Meet 8:00 a.m. at Haiku Community Center. EMI waiver required (see above). Limit: 15. Contact: Hale Johnson. Call 808-344-0006.

- **Saturday, August 9**
  - **D= 3 mi R/T.** Clearing and maintaining native forest and vegetation for Maui Tomorrow’s project in the Paulehu area of East Maui. 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 rwwest808@yahoo.com to register.

- **Sunday, August 24**
  - **D= 3 mi R/T.** Clearing and maintaining native forest and vegetation for Maui Tomorrow’s project in the Paulehu area of East Maui. 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 rwwest808@yahoo.com to register.

- **Sunday, September 28**
  - **D= 6 miles R/T.** Forested trails with fabulous views. Bring lunch, sunscreen, and water. Meet at Puukalani ACE parking lot at 8 a.m. Limit 12. Good, but any car with good clearance can make road under good conditions. Register with Hike Leader Jake Hargis jr.hargis@gmail.com
Hilo hosted a number of do-not-miss events for Hawai‘i environmentalists and Sierra Club members in May. Events focused on GMOs (genetically modified organisms) were front and center, on four occasions. Dr. Herrera-Estrella, Director of the National Laboratory of Genomic Diversity in Mexico, spoke in support of GMOs. When asked about long-term human health experiments, he stunned many of us by saying we were all part of an experiment, since we were consuming GMOs. But he also spoke about his disappointment that Monsanto had gained rights to some of his institution’s work through legal action, and said he supports labeling of GMOs.

Dr. Tyrone Hayes, professor of Integrative Biology at the University of California, spoke about the risks of atrazine and other chemicals. His work was in a lawsuit against Syngenta, the manufacturer of atrazine. Syngenta has tried to discredit him. It was a fitting sendoff for the worldwide voyage who had learned from him. It was a talk story with navigators about a unique forest habitat with 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, good boots, and a willingness to work. Leaders: Linda Larish 966-6337 and Kana Covington 966-8431.

Sunday, July 20 Hawai‘i Volcanoes NP: Mauna Kea Trail: Kau Desert Trailhead to Halina Pali Road (E) D = 9.2 miles, E = 3,000′ +/- 300′ This is a long, open lava field hike with possible exposure to vog. We will view footprints left in the lava from the 1790 Kilauea eruption and many interesting volcanic features on this one-way shuttle hike. Join us for a special opportunity to see this incredible area west of Kilauea’s summit eruption. Leaders: Diane Ware 967-8642 and Sarah Moon 935-3475.

Saturday, July 26 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 none and interesting backshore ecosystems. The rocks could be slippery due to high waves. Bring sunscreen, a hat, sturdy boots, a swimsuit, and lunch. Leaders: Sarah Moon 935-3475 and Linda Larish 966-6337.

Saturday, July 27 Kaʻūba Nature Trail and Old Jeep Road (E) D = 6 miles, E = sea level. First we will be going on an interpretive nature hike through Kala‘opapa State Park’s native forest. After a short break, we will continue on the old jeep road 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 Hanaiapo and Kalopa gulches. Leaders: Linda Larish 967-6337 and Sarah Moon 935-3475.

Moku Loa Group Outings

Saturday, August 23 Hawai‘i Volcanoes NP: Mauna Loa Trail Day Hike (E) D = 4 miles, E = 6,700′ +/- 1,500′ We will be hiking on the Mauna Loa trail past fabulous native plants and interesting lava terrain. The hike starts at and ends at the lookout on Mauna Loa access road. Leaders: Diane Ware 967-8642 and Rich Vogler 328-8387.

Saturday, September 20 Bike in the Rain Forest: Hawai‘i Volcanoes NP: Crater Rim Trail to Mauna Ulu (E) D = 14 miles, E = 4,000′ +/- 1,000′ Enjoy the rain forest and great views while we bicycle in Hawai‘i Volcanoes National Park. Plan to go rain or shine. Bring your bike, helmet, cloves, snacks, and lunch. A shuttle will be required for this one-way ride. We also recommend two quarts of water, sunscreen, and rain gear. Leaders: Jim Buck 315-7914 and Diane Ware 967-8642.

Outings

SEE PAGE 21 FOR GENERAL OUTINGS INFORMATION

OUTINGS

D = distance, the estimated round trip for the day. E = elevation in feet. +/- is gain, - is loss, +/- is up and down.

Classification of Hikes: (E) = Education/Interpretation (C) Conservation (F) Family/Fun (S) Service.

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

Sunday, July 13 Pupu‘u Cliffs Dayhike (E, F) D = 3 miles, E = 200′ +/- 100′ Walk along mowed trails atop the Hamakua Cliffs, enjoy views of nesting seabirds, and explore historic sites. Leaders: Michael and Sunny LaPlante 964-5017.

Saturday, July 19 Restoration of Kanohiha Rain Forest (S, E, C) D = 0.5 miles, E = 600’ Join the nonprofit group Mālama 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, good boots, and a willingness to work. Leaders: Linda Larish 966-6337 and Kana Covington 966-8431.

Sunday, August 9, 2014 Mauna Kea Forest Restoration Project (DOFAW)—(E, S, F) D = 0.5 - 1.0 miles, E = 5,600’ Join us doing service work at Kāʻōhe on the slopes of Mauna Kea. We will be collecting seeds for future planting in Pala‘i critical habitat. Before seed collection, we will go bird watching, looking for the endangered Palapala. Stoutly boots required and a 4X4 vehicle would be helpful. Please register by August 1 to be part of this opportunity. Leaders: Diane Ware 967-8642 and Sarah Moon 935-3475.

Saturday/Sunday, August 9-10 Mauna Kea Cabin Overnight (S, E, C) D = 0.5 - 1.0 miles, E = 5,600’ After the service work at Kāʻōhe on Saturday, we will continue with leader training on Sunday. We will be staying in one of the cabins at Mauna Kea State Park. For Saturday night. Sierra Club members who are interested in becoming a part of this opportunity are welcome to join us. This is a great opportunity to learn about leading hikes and becoming involved in local conservation efforts. Meals can be prepared at the cabin. Leaders: Sarah Moon 935-3475 and Diane Ware, 967-8642.

Saturday, August 16 Kalopa Nature Trail and Old Jeep Road and Gulch Trail (E, F) D = 4 miles, E = 2,000’ +/- 500’ First we will be going on an interpretive nature hike through Kalopa State Park’s native forest. After a short break, we will continue on the old jeep road 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 Hanaiapo and Kalopa gulches. Leaders: Linda Larish 967-6337 and Sarah Moon 935-3475.

Saturday, August 16 - September 21

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 alcohol are prohibited. Smoking is permitted only at breaks and then only when 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 arrange 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.

SIERRA CLUB OF HAWAI‘I MĀLAMA I KA HONUA 2014 - 2015
“To explore, enjoy, and protect the wild places of the earth; to promote and practice 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.”

**MAI Lei Ofiice**

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- Telephone: (808) 538-6616
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**PROFESSIONAL STAFF**

- Director:...
- Conservation Program Coordinator: Collin Panmeare
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- Chair: Scott Glenn, scott.glenn@sierraclub.org
- Vice-Chair: Robert Sheehan, kauai@sierraclub.org
- Secretary: Lucie Stasek, lucie.stasek@sierraclub.org
- Treasurer: Helen Chang, helen.chang@sierraclub.org
- Nominating Chair: Steven Montgomery, stmont@sierraclub.org
- Northern Chair: Sarah Tekula, steilalas@gmail.com
- Alu' like: Zachary McNish, zachary.mcnish@gmail.com
- All Hawaii: Shoko Shihana, shoko.shihana@sierraclub.org

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- Chair: James Watters, jwatters@sierraclub.org
- Leadership Development: Jon Cetenio III
- Finance: Paulino Saioe
- Secretary: Wennes Williams
- Project Education: Amber O’Riley
- Recruitment: Scott Rowland

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- President: Erren Yoshida, rey@sierraclub.org
- Vice-President: John C. Cenonoso III
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- Outings: Jen Tao
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- Treasurer: Helen Chang
- Conservation: Greg Peters
- Conservation, Membership: Janice Marsters
- Conservation, Legislative: Diane Ware
- Conservation, Land Use: Jackie Moore
- Holoholo: Richard Silman

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- Development: Dave Meddick
- Conservation, Chair: Karen Chun
- Conservation, Deputy Chair: Cheryl Meroza
- Conservation, Secretary: Lucie Stasek
- Conservation, Director: Lily Staples
- Conservation, Chair: Janice Marsters
- Conservation, Deputy Chair: Frank Zito
- Conservation, Secretary: Cheryl Meroza
- Conservation, Director: Dane Ayano

**MAUI GROUP EXECUTIVE COMMITTEE**

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- Vice-Chair: Sarah Nishida
- President: Dave Meddick
- Conservation: Greg Peters
- Conservation, Membership: Janice Marsters
- Conservation, Legislative: Diane Ware
- Conservation, Land Use: Jackie Moore
- Conservation, Holoholo: Diane Ware
- Conservation, Director: Lily Staples
- Conservation, Chair: Janice Marsters
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- Conservation, Secretary: Cheryl Meroza
- Conservation, Director: Dane Ayano
- Conservation, Chair: Janice Marsters
- Conservation, Deputy Chair: Frank Zito
- Conservation, Secretary: Cheryl Meroza
- Conservation, Director: Dane Ayano

**BOOK REVIEW:**

**The Sweet Story of Ending America’s Pipe Dream**

**By Steven Lee Montgomery, Ph.D.**

An Earth Day treat for Honolulu denizens like me was hearing the exceptionally passionate and surprisingly positive UH-campus-hosted speeches of Al Gore (April 15), and the greatest climate advocate on the planet, Bill McKibben (April 28). Thus warmed up, when I saw Oil and Honey on McKibben’s autograph table (newest of his 14 books), as an avid beekeeper with nine tending hives, I queued up and gladly paid $26 to see this peripatetic professor’s pitch on a pair of my perennial passions.

A wise and well-traveled friend had given me his annotated copy of Bill McKibben’s Eaarth, and a visionary pal had extolled the earth-quaking The End of Nature, so I knew this golden cover held no bedtime snorer, more, I do concur with the blurb writers that “yet again, the most effective environmental activist of our age” (Tim Flannery) “blazes a path to help preserve nature’s greatest resources.” (Dr. James Hansen). This is a riveting story of two wise citizens responding to the planet coming apart, by boosting each other’s dogged and visionary actions. This professor and a score of students have built the first green movement of the internet age by focusing the climate-wrecking Keystone XL pipeline proposed from Alberta to Texas. They set up 350.org and conducted peaceful, informative acts of civil disobedience at the White House fence, gathering allies from across the spectrum of environmental and social justice movements. McKibben writes, “One of my jobs was rounding up prominent people to go to jail;” and soon he reports 1,253 arrests in two weeks. Some of their recruits were from the CIA (Cowboy-Indian Alliance), led by Gritz Crybaby, a dynamic Indian leader from Canada’s tar sands desert; Bobby Kennedy Jr. with his son; and the venerable Julian Bond of NAACP fame on the bases of environmental justice. Bond concluded, “Whatever color you are, the green movement is your movement. I was proud to go to jail as a protester against the Keystone XL Pipeline.”

The author tells of the Sierra Club’s new Director, Michael Brune, coming to a Washington, DC action from the Jersey coast, where his childhood home was repeatedly checked by Superstorm Sandy. Heeding student placards to “Take the gas out of superstorms,” Brune offered to take the lead in planning a new DC demonstration for the next grand battle with the fossil fuel industry. Brune’s participation in the White House protest was the first time Sierra Club has engaged in civil disobedience. (See grist.org/climate-energy/a-chat-with-the-sierra-clubs-michael-brune-about-civil-disobedience/)

November denial. The June 1 New York Times touts new executive branch EPA regulations to curb carbon emissions from the power sect. The Clean Energy Act, and at the same time, the author presided. This is hopeful in the face of Congress’s appalling gridlock on climate change, due mostly to the GOP (operationally the Grand Old Party).

The second interwoven life tale is of the Vermont bachelor beekeeper Kirk Webster, whom he invited to live with him, the not so self-selected queen bee husbandry and organic honey business thriving in the face of the continental Colonial Opioid Farming Order. Kirk had put an essay in Small Farmer’s Journal on his healthy, self-sufficient farming experience as a civilized alternative. Bill alternates honey and reducing oil damage by assisting Kirk with his beekeeping, then going on the road, becoming a reluctant, effective activist.

Read this book to find the lessons of honey bee democracy and how we can build a world that will remain livable. As McKibben writes, “We’re going to have to change our patterns, our laws, our economies, our expectations.”
Sustain: a transitive verb.  
To keep in existence; maintain.

As a member of the Sierra Club, you've demonstrated your interest in sustainable living. Now please take the next step by helping the Hawai‘i Chapter sustain our environmental work with a monthly gift!

For just $33¢ a day, $10 a month, you help us with the day-to-day support we need to protect Hawai‘i’s fragile environment.

For just $66¢ a day, $20 a month, you help us engage fellow residents across the state, promoting our preferred future of clean energy and local food.

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