



Mālama I Ka Honua

Cherish the Earth

JOURNAL OF THE SIERRA CLUB, HAWAII CHAPTER

A Quarterly Newsletter

October - December 2010

The Sierra Club Endorses . . .

Electing good green leaders into office is half the battle in protecting the environment. That's why the Sierra Club take this process so seriously -- interviewing candidates, reviewing records, and studying candidates' plans for our 'aina. Each endorsement required a careful two-thirds approval from two different Sierra Club groups.

You and your leadership has done its best to select the greenest applicants for the job. Now 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. Simply cut this cover page and take it with you to the polls or give it to a friend (after you've voted, of course)!

Governor/Lieutenant Governor of the State of Hawai'i:

Neil Abercrombie and Brian Schatz. This team receives a green thumbs up based upon their environmental records and Abercrombie's detailed plans for Hawaii's future. Having worked with both, we firmly believe these two understand the necessary connection between the environment, our economy, and longterm sustainability.



Our ability to achieve many of the Sierra Club's goals -- like protecting our native forests, advancing clean energy, and ensuring clean air, water, and land -- depend upon having an executive branch that shares a similar point of view. We believe the "A to Z" team will carry out this vision and ensure a more sustainable Hawai'i. Both candidates have committed to advocating for food and energy security in Hawai'i. Abercrombie has committed to ensuring that critical agencies, like DLNR, have adequate funding in order to enforce our laws and protect our fragile natural resources.

U.S. House District 1

Colleen Hanabusa. Hanabusa has pledged to work in Congress to establish Hawaii as the focal point of alternative energy research and development.

U.S. House District 2

Mazie Hirono. Hirono has been an outspoken advocate to enact national legislation addressing climate change and has successfully appropriated funding to protect Hawai'i's endangered species.

Continued on page 2



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



State House:

Candidate	District
Nakashima, Mark M.	(District 1 - North Kohala, South Kohala, Hamakua, North Hilo, South Hilo)
Hanohano, Faye P.	(District 4 - Puna, Paho, Hawaiian Acres, Kalapana)
Coffman, Denny	(District 6 - North Kona, Keauhou, Kailua-Kona, Honokohau)
Evans, Cindy	(District 7 - North Kona, South Kohala)
Keith-Agaran, Gilbert S.C.	(District 9 - Kahului, Wailuku, Puunene, Spreckelsville, Paia)
McKelvey, Angus L.K.	(District 10 - Lahaina, Kaanapali, Kapalua, Maalaea, Kihei)
Carroll, Mele	(District 13 - Kahoolawe, Molokini, Lanai, Molokai, Keanae, Wailua, Nahiku, Hana)
Morita, Hermina M.	(District 14 - Hanalei, Anahola, Kealia, Kapaa, Waipouli)
Nishimoto, Scott Y.	(District 21 - Kaimuki, Kapahulu, Waikiki, Ala Wai, Diamond Head)
Saiki, Scott	(District 22 - Moiliili, McCully, Kaimuki)
Belatti, Della Au	(District 25 - Tantalus, Makiki, McCully)
Luke, Sylvia	(District 26 - Dowsett Highlands, Pacific Heights, Pauoa, Punchbowl)
Ching, Corinne W.L.	(District 27 - Nuuanu, Puunui, Liliha, Alewa Heights)
Oshiro, Blake K.	(District 33 - Aiea, Halawa Valley, Halawa Heights, Aiea Heights)
Takai, K. Mark	(District 34 - Newtown, Waiau, Pearl City, Waimalu)
Takumi, Roy M.	(District 36 - Pearl City, Momilani, Pacific Palisades, Manana)
Lee, Marilyn B.	(District 38 - Mililani, Mililani Mauka)
Cullen, Ty	(District 41 - Waipahu, Village Park, Waikele)
Bradshaw, Jason W.	(District 43 - Ewa Beach, Iroquois Point, Puuloa)
Shimabukuro, Maile S.L.	(District 45 - Waianae, Makaha, Makua)
Riviere, Gil	(District 46 - Kaena Point, Schofield, Mokuleia, Waialua, Haleiwa, Waimea, Pupukea, Sunset, Kahuku, Kunia Camp, Poamoho, Wheeler, Laie)
Wooley, Jessica	(District 47 - Laie, Hauula, Punaluu, Kahana, Kaaawa, Waikane, Kahaluu, Ahuimanu, Kaneohe)
Thielen, Cynthia	(District 50 - Kailua, Kaneohe Bay)
Lee, Chris	(District 51 - Lanikai, Waimanalo)

State Senate:

Candidate	District
Kokubun, Russell S.	(District 2 - Waiakea Uka, Kalapana, Volcano, Kahuku)
Tsutsui, Shan	(District 4 - Wailuku, Waihe'e, Kahului, Pa'ia, Lower Pa'ia)
Ihara, Les Jr.	(District 9 - Palolo, St. Louis Heights, Maunalani Heights, Kaimuki, Kapahulu, West Diamond Head, Waikiki Gold Coast)
Fukunaga, Carol	(District 11 - Makiki/Punchbowl, Ala Moana, McCully)
Chun Oakland, Suzanne	(District 13 - Sand Island, Kalihi, Liliha, Nu'uanu, Pauoa, Pu'unui)
Kim, Donna Mercado	(District 14 - Moanalua, 'Aiea, Fort Shafter, Kalihi Valley, Halawa Valley)
Gabbard, Mike	(District 19 - Waikele, Village Park, Royal Kunia, Makakilo, Kapolei, Kalaeloa, Honokai Hale, Portions of Waipahu and Ko 'Olina)
Tokuda, Jill N.	(District 24 - Kane'ohe, Kane'ohe MCAB, Kailua, Enchanted Lake)

Honolulu City Council:

- [Rich Turbin](#) (District 4)
- [Tulsi Gabbard Tamayo](#) (District 6)
- Breene Harimoto (District 8)

Maui County Council:

- [Cochran, Elle](#) (West Maui)
- [Nishiki, Wayne K.](#) (South Maui)
- [Nishiki, Kai](#) (Makawao-Haiku-Paia)

Kauai County Council:

- Jay Furfaro
- Derek Kawakami
- KipuKai Kualii
- Nadine Nakamura
- Mel Rapozo
- JoAnn Yukimura

Hawai'i County Council:

- Yagong, Dominic (District 1)
- Smart, Brittany (District 6)
- [Ford, Brenda](#) (District 7)
- [Pilago, Angel](#) (District 8)
- Hoffman, Peter (District 9)

For updates on endorsements and more information on candidates, please check out:

www.sierraclubhawaii.com/vote



Mālama I Ka Honua

The *Mālama I Ka Honua* is published quarterly by the Hawai'i Chapter of the Sierra Club, P.O. Box 2577, Honolulu, HI 96803. A small portion of the annual Sierra Club dues goes toward a one-year subscription.

Contribution of news, opinion, art, and photography may be sent electronically to hawaii.chapter@sierraclub.org or by post c/o the Hawai'i Chapter, P.O. Box 2577, Honolulu, HI 96803.

Submissions must be received by the 1st of the month prior to the date of publication.

Articles, graphics, and photos are copyrighted by the authors and artists and may be reprinted only with permission.

Members may elect to only receive an electronic subscription of the *Mālama I Ka Honua* at sierraclubhawaii.com/malama.

Advertisement Rates are:

- Full page (\$350)
- Half page (\$250)
- 1/4 page (\$110)
- 1/8 page (\$60)
- Bus. Cards (\$50)

These rates are subject to change. The *Mālama* accepts political advertisements only from candidates endorsed by the Hawai'i Chapter.



FROM THE DIRECTOR'S DESK

Not too long ago, I voted for Jeremy Harris. It was a stupid vote. Not because he was a bad candidate but because I knew little of his values, character, or record. I'm somewhat embarrassed to say that I voted for him simply because he had a cool last name. And, in case you're wondering, no, he's not related to me.

At the time, I believed the most important thing was that I voted. Not that I voted intelligently, but that I voted.

I feel differently now. I recognize most people believe our system is dirty and broken. Careless voting (or not voting) won't fix this problem. Becoming informed about the issues and the candidate's records, and then using that information makes the difference. Even better yet, recognizing that good candidates need support -- whether it be speaking well of them to friends, helping with a campaign, or sending in a few bucks -- in order to ensure they get elected.

As you know, the Sierra Club's mission is to "Explore, Enjoy and Protect the Planet." It's a broad mission which allows us to work on everything from protecting the wild places of our world to shaping the cities we live in. In order to succeed at such a huge undertaking, the Sierra Club works in many different arenas, with many different tools.

Politics is just one of those tools. By endorsing candidates and running campaigns to elect them we are building a stage to work on. On November 2nd, we will have a new set of characters on that stage, some better, some worse. We ultimately judge our effectiveness by the forests we protect, the rivers we clean, and the global warming pollution we prevent. In that light, elections are not the end . . . they are the beginning.

This fall I ask you to avoid my mistake and make an informed choice. Review records. Get to know your candidates. Take advantage of the groundwork the Sierra Club has done. Feel free to look at the survey responses we've received, and the particular endorsements we've made (www.sierraclubhawaii.com/vote). We've made it easy for you to clip out the Sierra Club endorsements in this Malama (see to your left).

The system, the Sierra Club, and you have done seemingly impossible things over the past few years -- and this year we can again. With your support, good candidates can lay the essential foundation to a sustainable future.

Please join me in helping them.

Hope to see you on the trail soon,
Robert Harris



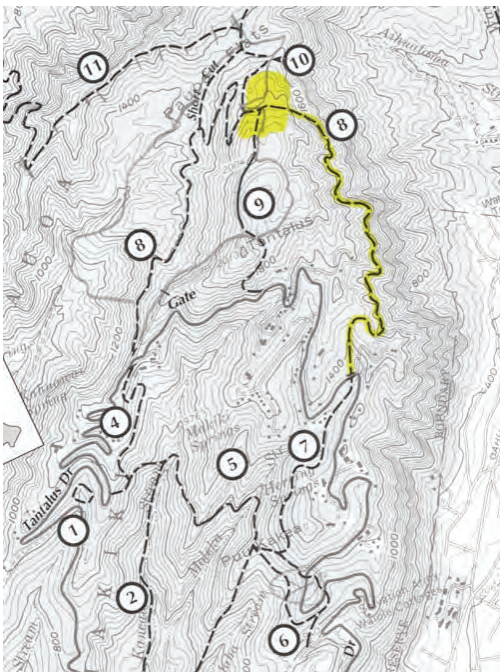
Nate's Adventures

by Nate Yuen

Native Forest Restoration on the Manoa Cliff Trail

I hiked the Mānoa Cliff Trail above Tantalus and Mānoa to see the progress of native forest restoration in the mountains above Honolulu.

When I learned that a fence was built in April 2010 to protect the restoration site from pigs who roto-til the soil and uproot the native plants, I had to revisit the site to see the fence for the first time and to see how restoration efforts are proceeding.



I drove up Tantalus on Round Top Drive, and started on the 2.3 mile Mānoa Cliff Trail — highlighted in yellow on the map above — to make my way to the restoration site. The site is located at confluence of the Mānoa Cliff, Pauoa Flats, and Pu'u 'Ōhi'a Trails, which are part of the Honolulu Mauka System of Trails maintained by the State's Na Ala Hele program.



The Mānoa Cliff Trail begins at an elevation of about 1,400 feet and climbs gently through a forest of large alien trees — rubber, swamp mahogany, and fiddlewood. The trail then levels-off and transitions through stands of invasive strawberry guava (*Psidium cattleianum*) that dominate the top of the ridge.

After making an abrupt downwards turn, the trail contours along the edge of Mānoa Valley where non-native trees, shrubs, ferns and grasses dominate the landscape with a sprinkling of native plants along the way. Some of the larger more established native plants along the trail have metal tags that tell their Hawaiian and scientific names.

For most of the way to the restoration site, the trail contours in an out of a number of folds in the mountain-side where bamboo (*Phyllostachys nigra*) thrives. Although bamboo is pleasant to hike through it is highly invasive and forms a virtual monoculture. The State estimates that the bamboo on Tantalus spread from 12 acres in 1959 to 46 acres in 2005.

Native plants are more prevalent further in along the Mānoa Cliff Trail where indigenous 'ie'ie vines (*Freycinetia arborea*) thrive under the shade of kopiko, 'ohi'a, koa, and other native trees.



But patches of kahili ginger (*Hedychium gardnerianum*) — one of the most invasive plants — abound on the trail as well. Kahili ginger forms a root ball that chokes the roots of other plants and has taken over thousands of acres of native forest on Kaua'i and Hawai'i Island. Fortunately, their numbers are still low along the Mānoa Cliff Trail and the highly invasive plants can still be eradicated.



After passing a number of koa and 'ohi'a trees, I was pleased to see the nearly 4-foot high fence that surrounds the 6-acre restoration site which is classified as lowland mesic forest. Gates allow hikers to pass unimpeded through the area while stopping pigs from roto-tilling the soil and up-rooting the native plants.

Since 2005, volunteers have put in 2,330 man hours restoring the native forest. Much of the work involves sawing cinnamon (*Cinnamomum burmannii*) and other invasive trees, and removing non-native shrubs and plants. By opening up the canopy and weeding out alien plants, native plants can get the sunlight and space they need to thrive. Since 2005, the areas along the margins of the trail have been cleared and the native plants have made a comeback.

One of the more charming sights in the restoration area is a grove of native hibiscus trees — Kokio Keokeo (*Hibiscus arnottianus*)

— which extend some 25 feet into the air and provide shade for hapu'u tree ferns, oha wai, and other native plants in the understory.



Hibiscus arnottianus is endemic to O'ahu and Moloka'i and has beautiful white flowers about 4 inches across with long red staminal columns and yellow-orange pollen. The sweet scent of kokio keokeo flowers filled the air as I veered off the Mānoa Cliff Trail to head up the Pu'u 'Ohi'a Trail which overlooks much of the restoration area.



With native hibiscus, 'ohi'a, and koa trees in the foreground, I admired the view of Lanihuli way off in the distance and peered over a low point in the Ko'olau Mountains to see Kāne'ohe on the other side of the island.

Another sight that caught my eye in the restoration area were several oha wai trees (*Clermontia kakeana*) 8-10 feet high that grew among hapu'u ferns (*Cibotium chamissoi*) next to the trail. While these plants are not on the federal list of endangered species, they are not common.



While searching within the oha wai foliage I was thrilled to see several 2-1/2 inch long greenish-white flowers with magenta-colored staminal columns. Oha wai is endemic to the Hawaiian Islands and is found in the mesic forests of O'ahu, Moloka'i and Maui.

Several of the oha wai trees had yellow-orange fruits which give much hope and promise for the future. I was even more encouraged to see baby oha wai plants sprouting in the understory alongside the trail.



Even more impressive was a haha (*Cyanea angustifolia*) in full bloom with over a hundred small flowers just under an inch long. Haha is also endemic to the Hawaiian Islands and

can be found on O'ahu, Moloka'i, Lana'i, and Maui.



The haha flowers were so beautiful than I had to take close-up shots of the striking white and magenta colored flowers. The presence of oha wai and haha flowers, fruit, and baby plants are testament to the considerable strides being made to

restore the native forest. Dozens of these plants can be found inside the fence, but very few can be found outside.

While admiring how the native plants have made a come back, I realized that a small team of committed individuals really can make a difference! In just a matter of 5 years, a lowland mesic forest has re-emerged on Pu'u 'Ohi'a due to the tireless efforts of the core team — Mashuri Waite, Brandon Stone, Glen Metzler, and Edoardo Biagioni — and dozens of other volunteers.

The vegetation on Pu'u 'Ohi'a has changed dramatically since the Mānoa Cliff Trail was forged almost 100 years ago. With highly invasive plants like cinnamon, bamboo, strawberry guava, and kahili ginger spreading unchecked, what little native plants that remain today are likely to be overwhelmed without restoration efforts like this.

For more information about the Manoa Cliff Trail Restoration project and how to volunteer, check out:

www.manoacliff.org/

Nathan Yuen is an artist/photographer /naturalist whose body of work is a confluence of hiking, conservation, and fine art photography. Each weekend you can find him hiking, backpacking or kayaking to out-of-the-way locations to photograph Hawaii's native plants and animals, many of which are rare or endangered. His goal is to showcase these biological treasures to give you a reason to protect them for future generations. Nathan has a website at HawaiianForest.Com where you can see his art and read about his adventures.



Planting Native

by Rick Barboza

Munroidendron

Munroidendron racemosum

Endemic,
Endangered:
Kaua'i

Description:

Trippy is the first words that come to mind. When I first saw a full grown specimen of this plant (which reaches heights between 15-25 feet) I couldn't believe it came from somewhere in Hawaii. I take that back, I couldn't



believe it came from anywhere on Earth! At least not present day Earth. This plant looks like it came straight out of Jurassic Park. Its thick, hairy leaves and flowering/fruit stalk look unlike any other plant most people are familiar with. The leaves are made up of smaller leaflets that are covered with tiny white hairs that help it reflect sunlight and retain moisture but at the same time give it an almost 'wooly' appearance. The flowering stalk hangs down like a pony tail from the branches, is about 2 feet long and is completely covered with yellow, star shaped flowers. Once these flowers are pollinated they develop into plump, fuzzy white fruit with a dark purple circle on the outer facing side and dark purple pulp on the inside, very cool and unusual looking, for real.

Distribution: This is a super duper, not even joking, hurry up and do something, almost pau, no more nothing left tree. It's listed as an endangered species but so are about ¼ of our native plants, it should be in

a separate category along with a bunch of other plants that are on the verge of extinction. Naturally this plant resides with only three very small populations on the island of Kaua'i so when I say that it looks like it came straight out of Jurassic Park that's half way true because a lot of the movie was filmed on Kaua'i and just like the animals in that movie, this plant will be extinct soon if we're not careful.

Cultural Uses: No cultural uses are known at this time for this plant, however the fruit is edible and quite sweet (it will turn your whole mouth purple) but there is no documentation that suggests it was regularly eaten. In fact, it is so rare that there is no known Hawaiian name.

Landscape Uses and Care: Don't be scared away with what this plant looks like in a small one gallon pot like how they are in the store, it gives them no justice as to how incredible they look when mature, this plant speaks wisdom. Water it daily until the plant is established in the ground (until you see signs of active growth) then slowly cut back on your watering schedule. Spider mites and aphids occasionally occur on young or newly transplanted plants but these pests can be treated with mild pesticides or simply by spraying them off with water.

Additional Info: This endangered plant comes from the same family (Araliaceae) of plants as the highly invasive octopus tree (*Schefflera actinophylla*) which is taking over much of our native mesic forests, the same forest that this truly Hawaiian plant, along with its other native relatives, used to thrive in.



Rick Barboza co-owns Hui Ku Maoli Ola, a native Hawaiian plant nursery, with Matt Schirman. Contact him at 808-295-7777
Rick.ck.barboza@gmail.com



A Path Near & Far: Thoughts from the Chapter Chair

by *Mark Glick*

Making It Better

It is frustrating, at best, to know that our state falls short of adequately protecting native flora and fauna and employing clean energy and energy efficiency strategies. Exacerbated by years of budgetary and staffing shortfalls in agencies such as the Department of Land and Natural Resources and the Department of Health, conditions have deteriorated such that 40% of the endangered species in the United States are Hawaiian species and $\frac{3}{4}$ of all extinctions in the United States have occurred in Hawai'i.

We know better than to continue to import oil and coal for nearly 90% of our energy needs. Programs like the Hawai'i Clean Energy Initiative have had the desirable effect of putting energy on the front burner and making us keenly aware of remedies to permanently transform our energy future. But, we still lack significant progress on clearing the path for rapid clean and renewable energy installations or implementing bridge strategies that will provide immediate, large-scale relief from our addiction on oil.

We remain constantly vigilant of attempts to circumvent or abuse environmental review at a time when greater consideration of our public trust resources, like water and our shorelines, is an essential part of any prudent plan to stimulate and grow our economy.

We are members of the Sierra Club because we believe that the issues before us are not intractable. Solutions are at our fingertips. Positive change is a matter of reordering our priorities and better managing public and private resources for the common good, while still serving individual needs. Essentially, making our island world better is a matter of leadership.

There are three ways that you as a Hawai'i Chapter member can directly help fill the leadership void to address the issues discussed above. You can:

- Vote for Sierra Club endorsed candidates for public office or candidates of your choice who share our values for a greater balance between the environment and the economy,

- Vote for an Executive Committee representative who you feel will best set Sierra Club Hawai'i Chapter priorities and policies,
- Become a monthly donor to help Chapter volunteers and staff manage and improve the most effective grassroots, membership based environmental organization in Hawai'i.

Your vote decides whether or not we will have responsible public servants who are committed to an agenda that is relevant to the needs of the community and consistent with your values and aspirations for Hawai'i. It is our legacy to get it right. Please make your vote count.

Capitol Watch

**Do you care about Hawaii's
environment?**

**Want to see laws passed that protect
our natural resources, advance
Hawaii's clean energy future, and
ensure local food for generations to
come?**

**Join us for a presentation on O'ahu
about the upcoming legislature.**

Tentatively set for December 4th, 2010.

**Email hawaii.chapter@sierraclub.org
or call 808.538.6616 for more details.**

False Killer Whales

Hawai‘i’s next endangered species?

by Robin W. Baird, Cascadia Research Collective
rwbaird@cascadiaresearch.org

Most residents of Hawai‘i have never heard of what may become Hawai‘i’s next Endangered Species, the false killer whale (*Pseudorca crassidens*). But by the time you read this the National Marine Fisheries Service (NMFS) should have made a decision on whether to go forward with a listing of the “Hawai‘i Insular Stock” of false killer whales under the Endangered Species Act, the result of a year-long status review after a petition from the Natural Resources Defense Council to list the population.

Most people have near heard of false killer whales in Hawai‘i in part because they are so rare –they have the smallest estimated population size of any whale or dolphin in Hawaiian waters. The Hawai‘i insular stock of false killer whales is

estimated to contain less than 150 individuals. False killer whales can be seen from shore in Hawai‘i, albeit typically from headlands. But individuals from the small population move throughout the islands, and spend most of their time in water deeper than about 500 m (1640 feet), thus there is no predictable or easy place to see them in Hawai‘i. False killer whales were kept at Sea Life Park from the 1960s into the 1990s, but today only the Wholphin, a hybrid between a false killer whale and a bottlenose dolphin, remains at the Park.

Why are they called false killer whales? They look nothing like the more well-known killer whale (*Orcinus orca*) - the species gets its name not from any similarity in external appearance but from similarities in the teeth and skull - false killer whales were first described from a

skull. The two species do have some other things in common - both are long-lived, sometimes living into their 50s or 60s, and are slow to mature. Female false killer whales give birth for the first time when they are 10 or 11, while killer whales do so when they are 14 or 15. Females for both species go through menopause in their 40s, and both are top predators.

Genetic studies of false killer whales in Hawai‘i have shown they are not just visitors to the islands; those around the main Hawaiian Islands appear to be isolated from the species elsewhere, and have probably been genetically isolated for thousands of years. Within Hawaiian waters, out to the limits of the 200 nautical mile Exclusive Economic Zone, NMFS now recognizes that there are two stocks or populations, the Hawai‘i



Insular Stock and the Hawai‘i Pelagic Stock. The genetic evidence shows that almost all the false killer whales in the insular stock are closely related, suggesting that at some point in the distant past the islands were colonized by one group of false killer whales, unlike many of the other whale and dolphin populations now found to be resident around the islands.

Collaborating with other researchers we’ve been studying the behavior and ecology of false killer whales in Hawai‘i. My first work with them in the islands began in 1999, although Dan McSweeney, working with a non-profit group on the big island, has been photo-identifying individuals since the mid-1980s. From the photographs we’ve been able to show that false killer whales have long-term social bonds among individuals. When

observed in the wild groups are often spread over wide areas, but come together to capture prey and share food. False killer whales are cooperative hunters, chasing down fast prey like yellowfin tuna or mahimahi, and also working together to capture dangerous prey like broadbill swordfish. One of the most unusual aspects of their social life is their compulsive prey sharing behavior. Unlike other whales or dolphins, false killer whales frequently pass prey back and forth among individuals **before** they start to eat the fish, in what appears to be a way of affirming social bonds –critical for cooperative hunters working together to capture dangerous prey. Once the captured fish is passed back to the individual who caught it, still intact, the whales start to share the prey. This behavior is sometimes even extended towards humans – once when in the water, Dan McSweeney was passed a large yellowfin tuna by a false killer whale. Dan gave the fish back, and the whales continued to eat it.

Why is the population being considered for an ESA listing? There is evidence the population has declined in size over the last 20 years. Aerial surveys by Joe Mobley at the University of Hawai‘i have shown a steep and significant decline in sighting rates from the early 1990s to the early 2000s. And the genetics study has shown evidence of a recent decline in the “effective population size”, the number of reproducing individuals, estimated at just 44. What may be causing such a decline? At the top of the food web, false killer whales are accumulating high levels of persistent organic pollutants, including DDT, PCBs, and flame retardants, faster than any other species of whale or dolphin in Hawai‘i. These pollutants come both from sources in Hawai‘i, and are transferred here through ocean currents and through the atmosphere. High levels of toxins likely do not kill individuals outright, but instead influence the immune system, increasing the likelihood an individual with high levels will succumb to some disease or infection.

False killer whales in Hawai‘i have good taste in fish, feeding on yellowfin tuna, albacore tuna, skipjack tuna, broadbill sword, ono, monchong, mahimahi, and others. All of these fish are harvested by humans, and the abundance or average size of many of them have declined over the last 60 years, thus it may be becoming increasingly difficult or time consuming to find enough food to eat. Some false killer whales have also learned

that an easy source of these fish may be off the lines of fishermen – in the Hawai‘i longline fishery false killer whales are the most frequently recorded bycaught species of whale or dolphin. The number killed or seriously injured in the fishery each year has exceeded the sustainable level since estimates of bycatch first became available over 10 years ago. How many of the insular population are killed or injured in the fishery is unknown – it operates only in offshore waters – but there is evidence of individuals from the insular population getting injured in fisheries of some sort or another.

NMFS formed a Take Reduction Team that includes fishermen, scientists, and conservationists – the Team met during the first half of the year, and in July produced a draft Take Reduction Plan to reduce bycatch in the longline fishery. NMFS is now using that plan to put together draft regulations that should reduce bycatch, but efforts are needed to assess interactions with other fisheries in Hawai‘i as well. Depending on the outcome of the ESA status review, scheduled to be released October 1st, there may be other steps to protect the population around the main Hawaiian Islands. But the conservation issues facing false killer whales in Hawai‘i will not be easy to solve - pollution, overfishing, and bycatch - and given the international nature of both pollution and overfishing will likely require action beyond Hawai‘i.

For more information on false killer whales in Hawai‘i see www.cascadiaresearch.org/hawaii/falsekillerwhale.htm

or www.honolulumagazine.com/Honolulu-Magazine/September-2010/Preserving-Hawaii-039s-False-Killer-Whales/

O'ahu Group Report

By Michael Kliks, PhD

Litigation Matters. The Sierra Club was victorious in its law suit against the City and County of Honolulu in the Sewage Treatment Plant settlement by a consent decree of the violations of the Clean Water Act. This settlement resolves all CWA violations, imposes \$1.6M in civil penalties to be paid to the EPA and the State of Hawai'i, and \$800K will be paid into funds for local environmental projects such as watershed and wetlands improvements.

The Sierra Club and Keep the North Shore Country just settled the issue of our attorneys fees in the Turtle Bay matter. Collectively the parties are receiving a significant portion of the fees that we've raised and spent on litigating this matter over the past three years or so. The Sierra Club hopes to retain its portion of the funds, as limited as they are, for use in preserving Oahu's rural coastlines.

Agriculture. Regarding the status of protecting important agricultural lands on O'ahu, the OG has prepared the following policy statement on the conversion of this county's best agricultural lands at Koa Ridge and Ho'opili for residential and mixed use projects.

"In conformity with Article XI, Section 3 of the Constitution of the State of Hawai'i, and the expressed policy of the Hawai'i State Department of Agriculture, and the long standing policy of the Sierra Club (<http://www.sierraclubhawaii.com/agriculture-policy.php>), the O'ahu Group, has, and will, consistently support the preservation of all prime agricultural lands, including those now being now proposed to be converted to approximately 25,000 single family dwellings at Koa Ridge, Waiawa, and Ho'opili, in order to achieve sustainable, self-sufficient production of at least 60% of our food, fodder, fiber and fuel needs on this island.

Pursuant to this policy the Sierra Club, O'ahu Group is opposed to any boundary amendments or other administrative procedures that would permit the conversion of prime agricultural lands to residential and mixed uses until a rational, sustainable plan has been implemented for O'ahu to become much more independent of imported food, fodder, fiber and fuel materials that can be grown here. The Sierra Club favors residential and mixed use development, including those involving transportation services, in already established urban and suburban areas, as may be needed to meet housing and business services requirements, by increasing density through vertical expansion and by improving the quality of infrastructure and 'smart' planning on non-agricultural lands.

The basic concern of the Sierra Club, O'ahu group in establishing this policy is to rationally develop appropriate agricultural uses for these lands now, and/or to hold them in reserve, to protect the food security, improve the self-sufficiency of our food supply, and to assure the sustainability of our food production capacity for the next 100 years."

Rail. Regarding the light rail public transportation project, the SCOG urges the Governor to make final comments on and act upon the Final EIS for the rail transit project now on her desk.

The Kaka'ako Makai master plan proposed by HCDA and its consultants reintroduced massive residential in violation of HRS 206E, 35. A contested case hearing on HCDA's plan to asphalt all 7 acres of the "Piano Lot" was denied and the permit to begin work has now been activated, despite the presentation of alternatives that are more acceptable to the community of users and more cost-effective.

Endorsements.

Political season is on in Honolulu County. The SCOG has voted to endorse City Council candidate Richard Turbin and a powerful slate of candidates for both the House and the Senate, as discussed further on page 1 of the Malama. More information can be found at www.sierraclubhawaii.com/vote.

Sierra Club Calendars!



The Oahu Group is selling 2011 Sierra Club calendars.

The price is \$10 for members and \$13 for non-members. If you'd like to purchase a calendar (or calendars), please email Randy Ching at oahurandy@yahoo.com.

Include your name, address, number of calendars and which type you want (wall or desktop calendar). The calendars make great gifts, especially for Christmas.

Order early as we have a limited number of calendars for sale. The deadline for ordering is November 15. We will accept payment by check (no credit cards).

Sierra Club Outings Policy

For all Sierra Club Outings. Sierra Club outings are conducted according to Club policy and under the direction of certified Outings Leaders. Our outings are group activities, and all participants are expected to follow leaders' instructions and to remain with the group for the entire outing. We welcome all Sierra Club members, non-members and visitors on most of our outings; however certain outings may be restricted to members. Firearms, pets (unless specifically allowed), and audio devices with or without headsets are prohibited. Smoking is only permitted at breaks and then only if the smell of smoke cannot be detected by other hikers. Outing Leaders may prohibit smoking if, in their judgement, a fire hazard exists.

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

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

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

sustain

, 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.

Sign up TODAY!

sierraclubhawaii.com/donate

Your support enables us to work towards fostering a long-term commitment to a sustainable Hawai'i.



O'ahu Group Outings

O'ahu Group Outings Information

See Page 11 for General Outings Information

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

Saturday, October 2

MCBH Kaneohe Bay Service Project (S)
2mi/Moderate/Coast/Kaneohe
Reservations Required. Call Annette Kaohelaui at 235-5431 by Sept. 30. Marine Corps Base Hawaii, Kaneohe Bay has an award-winning environmental program. Help clear a wetland of mangrove plants to create habitat for Hawaii's endangered water birds. Because MCBH is a secured military facility, we must provide your name to the base in advance, and we will send you a waiver, which you must bring with you. Deborah Blair 955-4168

Sunday, October 3

'Ihi'ihilauakea Service Project: Koko Head (S/C)
Reservations required. Help save the our endemic aquatic fern, 'Ihi'ihilauakea (*Marsilea villosa*). Only 3 populations are known to exist on Oahu, and this population is being threatened by invasive weeds. We will hike down a steep trail to 'Ihi'ihilauakea Crater and assist other volunteers in removing invasive weeds. We will also enjoy spectacular views of the Ka 'Iwi coastline. Stan Oka 429-9814

October 9-11

Columbus Day 3-Day service project to Hakalau, Big Island
Please contact Deborah Blair 955-4168, Stan Oka 429-9814

Saturday, October 9

Oahu Invasive Species Committee Service Trip (S/C)
Volunteer trip to remove miconia from the Ko'olau. All-day off-trail hiking over extremely steep terrain through thick vegetation. Participants will be required to wear miconia dedicated footwear provided by OISC.
Meet at Church of the Crossroads at 8:00 am. Make sure to bring plenty water, lunch, sun/rain protection, and wear long sleeves and pants and proper footwear. To join please call 286-4616 or e-mail oisc@hawaii.edu by Thursday, October 7.

Sunday, October 10

Kapalama Loop via Decorte Ridge (F)

10 mi/Strenuous/Ridge & Valley/Kalihi
Sierra Club is hiking this trail for the first time. The hike includes some wild, rough, ungraded rambling between ridges. Not for the faint of heart. Car shuttle required. Randy Ching 942-0145, Gwen Sinclair 753-0528

Saturday, October 16

Ala Wai Boat Harbor Cleanup (S)
Meet at 8 a.m. at the Harbor Master's Office, between the 3rd and 4th row of boats behind the Ilikai Hotel. Park in street stalls or public lot Ewa of Hilton lagoon. Wear sturdy shoes with gripping soles and bring a hat, thick rubber gloves, sunscreen, and water. All participants under 18 must have a waiver signed by their legal guardian to participate. Please contact the leader for the waiver. Closed toe shoes only. Deborah Blair 955-4168

Sunday, October 17

Beginner hike: Puu Pia (F)
Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring at least one liter of water, a snack and raingear. Sunscreen, a hat, insect repellent recommended. Beginner hikes are for those who have never hiked or have not hiked in a long time. Randy Ching 942-0145, asst. Roxanne Villanueva

Saturday, October 23

Native Plant Garden Service Project: Queen Kapiolani Garden (S)
Reservations required. Join the City's Division Urban Forestry and the Sierra Club in the second phase of planting a native plant garden. Meet at Queen Kapiolani Garden (bordered by Monsarrat Avenue/Paki Avenue/Leahi Avenue) at 8:00AM. Tools will be provided, but you are welcome to bring your favorite digging or pruning tools! Stan Oka 429-9814, Clyde Kobashigawa 262-6092

Sunday, October 24

Lanihuli (F)
9 mi/Strenuous/Ridge/Kapalama
Not for those afraid of heights. A beautiful hike along Kapalama Ridge to the Koolau Summit. Two dangerous spots add to the thrill. We haven't done this hike in at least 15 years. Randy Ching 942-0145, Richard Bailey 723-2213

Saturday, October 30

Kulioouou Stair Building (S)

5 mi/Moderate/Ridge/East Oahu
Help us continue the work that we have done on this great trail. We will install more stairs in the highly eroded areas on the trail. The materials and tools are stashed at 1500' elevation, so we have to carry them to the work site. Reservations required. Ed Mersino 223-5765

Sunday, October 31

Maunawili Trail (partial) from Pali Lookout (F)
7 mi/Moderate/Contour/Maunawili
Scenic views of the Ko'olau mountains and Windward coast. Some native, indigenous plants. Enjoy a trail built by volunteers. Contour trail with some cliff drop-offs. Not for those very uneasy about heights. Lunch at scenic spot. Sherine Boomla 527-8034

Photography Hike: Kaena Point (E/F)

3 mi/Easy/Coast/Waianae
Reservations required. The pace of photography hikes is extremely slow. Very hot, humid with beautiful coastal and ocean scenery. Some native plants. Bring lots of water, sunscreen and hat. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925

Sunday, November 7

Mauna O Ahi (F)
6 mi/Very Strenuous/Valley/Ridge/Kuli'ou'ou
NOT FOR THOSE UNEASY ABOUT HEIGHTS. After an intense 1800' climb to the Koolau Summit we live life on the edge traversing the Ko'olau Summit Ridge until we reach the state's Kuli'ou'ou Trail. From then on it's a walk in the park, back down to the trailhead. Expect magnificent Waimanalo Bay views. Acrophobic sufferers beware. Richard Bailey 723-2213

Sunday, November 14

Kahuku to Turtle Bay Beach Walk (F)
6 mi/Moderate/Coastline/Kahuku
This is a beautiful walk along an undeveloped coastline with beautiful views, tide pools, dune plants and occasional water birds, monk seals. Bring \$2.50 exact change to ride "The Bus" from Turtle Bay back to your car in Kahuku. Deborah Blair 955-4168, Mariza Silva 753-7424

Sunday, November 21

Snorkeling at Diamond Head and Black Point (F)

O'ahu Group Outings

ALL PARTICIPANTS MUST BE ABLE TO SWIM. Explore the Diamond Head/Black Point reef and learn more about your fish, coral and algae neighbors. Bring swimsuit, towel, snorkel gear, sunscreen and water. Sherine Boomla 527-8034, Colleen Soares 748-9215

Sunday, November 21

Beginner hike: Puu Ohia (F)
Meet at Church of the Crossroads at 9 a.m. Wear closed-toe shoes with good traction. Bring at least one liter of water, a snack and raingear. Sunscreen, a hat, insect repellent recommended. Beginner hikes are for those who have never hiked or have not hiked in a long time. Randy Ching 942-0145, asst. Roxanne Villanueva

Friday and Saturday, November 26-27

Palehua Service Project (S/C)
Leaders only. Reservations required. Work off that Thanksgiving dinner! Work near and stay in the Hokuloa Cabin above Makakilo. Build and clear trails around the cabin and enjoy gorgeous views. Tools provided. Randy Ching 942-0145

Sunday, November 28

Waianae Ka`ala (F)
9 mi/Extremely strenuous/Valley & Ridge/Waianae
Not for those afraid of heights. Take the "short" way up to Oahu's highest point, Mt. Kaala. One extremely dangerous boulder climb. We will hike through the Ka`ala bog on a boardwalk made by Sierra Club volunteers. Breathtaking summit view. Randy Ching 942-0145, Robert Harris 220-4306

Saturday, December 4

Kulana'ahane (E/F)
10 mi/Moderate/Valley/Kamananui Valley
Hike along an old road for a few miles. Then follow the stream with about two dozen crossings. It gets challenging at the end with a steep ascent to the Ko'olau summit overlooking Ha'iku Valley and the Windward side. We'll see some petroglyphs and other historical sites. Ed Mersino 223-5765, Colleen Soares 748-9215, Mariza Silva 753-7424

Sunday, December 5

Sandy Beach Cleanup (S)
1 mi/Easy/Shoreline/East Oahu

Meet at 8:30 a.m. at Sandy Beach bathroom at eastern side of beach park. Cleanup along highway and coastal areas until 10:30. Call Tred (394-2898) for information. Bags, gloves provided. All participants under 18 must have a waiver signed by their legal guardian to participate. Please contact the leader for the waiver. Closed toe shoes only. Deborah Blair 955-4168, Gwen Sinclair 753-0528

Sunday, December 5

Sierra Seminar: Hui Ku Maoli Ola and Papahana Kuaola (F/E)
This outing is reserved for Sierra Club Outings Leaders/Prospective Leaders only. Attendance is limited and reservations are required. Join us on for an educational tour of Hui Ku Maoli Ola and Papahana Kuaola conducted by it's co-founder, Rick Barboza. Rick and Matt Schirman are passionate about the cultivation and preservation of Hawaii's natural history and culture by integrating educational opportunities, habitat restoration and providing quality native hawaiian plants in many of their projects. Reservations required. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925

Saturday, December 11

MCBH Kaneohe Bay Service Project (S)
2mi/Moderate/Coast/Kaneohe
Reservations Required. Call Annette Kaohelaulii at 235-5431 by Sept. 30. Marine Corps Base Hawaii, Kaneohe Bay has an award-winning environmental program. Help clear a wetland of mangrove plants to create habitat for Hawaii's endangered water birds. Because MCBH is a secured military facility, we must provide your name to the base in advance, and we will send you a waiver, which you must bring with you. Deborah Blair 955-4168

Oahu Invasive Species Committee Service Trip (S/C)

Volunteer trip along Mau`umae Ridge to remove Himalayan blackberry. An hour hike in along the Lanipo trail followed by steep off-trail work. Participants will be asked to use pesticide, as hand-pulling this species has proven ineffective.

Make sure to bring plenty water, lunch, sun/rain protection, and wear long sleeves and pants and proper footwear. To join please call 286-4616 or e-mail oisc@hawaii.edu by Thursday, December 9.

Saturday, December 11

MOVIE NIGHT FOR LEADERS AND LEADERS IN TRAINING
RSVP to Randy at oahurandy@yahoo.com by December 10. Movie and eatery suggestions welcome.

Sunday, December 12

Makapu`u (F)
4 mi/Strenuous/Ridge/Makapuu
Slip, slide and scramble far above the easy lighthouse road, across loose crumbly lava, to outstanding views of Oahu's southeast coastline, including Koko Head and Koko Crater. Bring gallons of water, tubs of sunscreen and a sombrero. Not for those scared of heights. Richard Bailey 723-2213

Sunday, December 19

Photography Hike: Aiea Ridge (E/F)
5mi/Moderate/Ridge/Aiea
Reservations required. The pace of photography hikes is extremely slow. Wet ridge trail, part off the Aiea Loop Trail with many native plants. Stan Oka 429-9814, Clyde Kobashigawa 262-6092, John Shimogawa 227-9925

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

Sunday, December 26

Kaena Point Sierra Seminar (E)
6 mi/Moderate/Coast/Mokuleia
Reservations required, space limited. The Albatross are fledging. We will learn about native coastal plants and animals on this interpretive hike. Randy Ching 942-0145, Colleen Soares 748-9215, Jamie Tanino

Saturday and Sunday, January 1, 2

Palehua Service Project (S/C)
Leaders only. Reservations required. Start 2011 with a bang! Work near and stay in the Hokuloa Cabin above Makakilo. Build and clear trails around the cabin and enjoy gorgeous views. Tools provided. Randy Ching 942-0145

Kaua`i Group Report

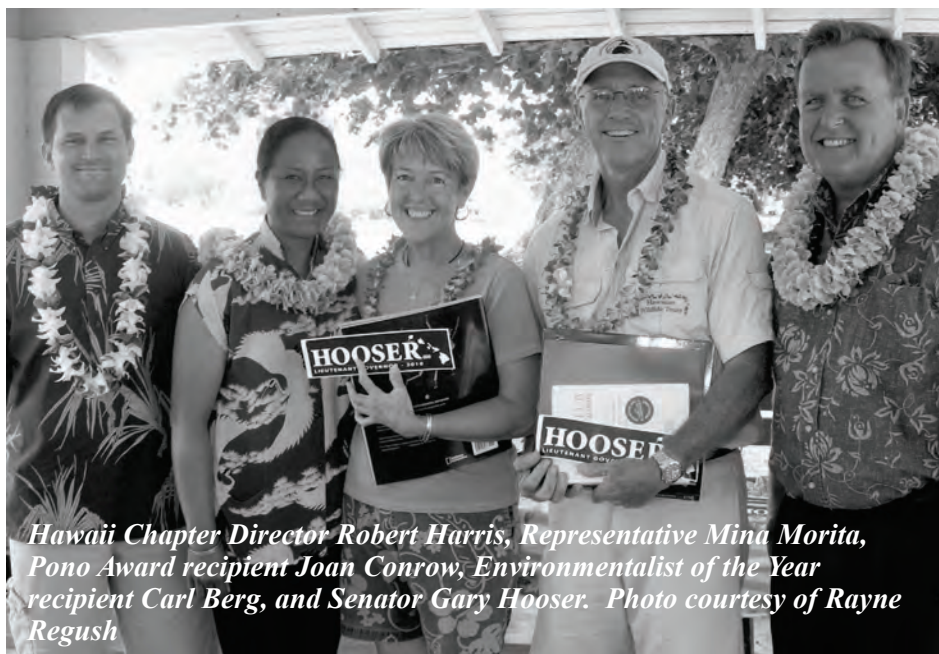
By Judy Dalton

Environmental Awards presented at Kaua`i Group 8th Annual Picnic

Sierra Club members came out to enjoy a sunny afternoon the end of August at our annual picnic at Anini Beach Park. Gary Hooser, Sierra Club's endorsed candidate for Lieutenant Governor, Mina Morita, our endorsed candidate for the State House of Representatives, and Hawai'i Chapter Director Robert Harris were there to speak to our members and to present awards to two deserving individuals for their outstanding

at City College of New York and research scientist at Harvard University and Florida Marine Research Inst. before returning to Hawaii in 1990. He was Chief Scientist for the Hanalei Watershed Hui, which was awarded an Environmental Achievement Award from the U.S. Environmental Protection Agency. He was a founding member of the Hawaiian Island Humpback Whale Sanctuary Advisory Council and was twice appointed to the states Legacy Land Conservation Commission. The National Resource Defense Council named Carl the national "Beach Hero" of the Year in 2007 for

climate change, shoreline setbacks, beach access, Hawaiian cultural practices, agriculture, fisheries, GMOs, military activities, depleted uranium and the politics and legalities associated with it all. A former staff writer for both the Honolulu Advertiser and Honolulu Star-Bulletin, her work has appeared in many regional and national publications, including Audubon, National Wildlife and Sierra magazine. She writes well-researched, enlightening articles regularly for Honolulu Weekly.



Hawai'i Chapter Director Robert Harris, Representative Mina Morita, Pono Award recipient Joan Conrow, Environmentalist of the Year recipient Carl Berg, and Senator Gary Hooser. Photo courtesy of Rayne Regush

environmental achievements.

Carl Berg received the Kaua`i Group Environmentalist of the Year award for his dedicated work protecting the ocean, coral reefs, beaches, streams and wildlife through water quality monitoring, scientific research, and environmental activism. He's presented expert testimony at countless county and state public hearings over the past 20 years.

Carl is a professional ecologist, environmental educator and wildlife tour leader. He received a Ph.D. in zoology from the University of Hawai'i and was a professor

his outstanding efforts and leadership in combating beach water contamination and improving beach water monitoring on Kaua`i. He has numerous scientific publications resulting from all of this work.

Joan Conrow received the Pono Award in recognition of her highly effective environmental writing. Through her many years of writing newspaper and magazine articles, as well as her blog, Kauai Eclectic, Joan covers a wide range of issues related to the environment, including land use, endangered species, invasive species, Hawaii's native flora and fauna, global

Joan said she's motivated by her life-long love of nature, which is rooted in childhood camping trips in Northern California. She's lived on Kaua`i since 1987.

Outings Leaders Take Students on Hikes

We've delighted in taking youth on hikes and beach clean-ups throughout the years. Usually it's with local schools, but once we received a request to lead a hike for 90 young people who had a parent serving in the Middle East who'd been flown to Kaua`i to lift their spirits. Recently Island School asked us to take 120 high school students on hikes at Waimea Canyon/Koke'e State Parks. Five of our outings leaders volunteered to lead them to Berry Flats, Waipo'o Falls, and Pihea.

Sierra Club Calendars Help Support Environmental Work on Kaua`i

Did you know the most popular nature calendars ever published are Sierra Club calendars? The engagement book features 57 stunning full-color photographs and the Wilderness wall calendar has been America's best seller for 30 years. They make great gifts for the holidays. Please email dalton@aloha.net or call 246-9067. Thanks for supporting the Kaua`i Group.

Kaua`i Group Outings

Join us on one of these great outings to explore, enjoy and care for our island. Please note levels of hiking proficiency. Mileage is round trip unless otherwise indicated. Requested donation for members and participants under 18: \$1. Donation for others: \$5. For more information check our website: www.hi.sierrclub.org/kauai

Sat. Oct 9 Hoopii Falls. East Side/ Moderate/ 3 miles. (C/E/F) Beautiful forested hike along the river with views of 2 waterfalls. Denny Jackson and Erica Watson 647-0727

Sat. Oct 16 Sierra Club, Malama Maha'ulepu, and Surfrider team up for a beach clean up at Maha'ulepu. (C/S/E) to keep this magnificent beach pristine and protect marine wildlife. Follow Poipu Road past the Grand Hyatt Hotel, where the road becomes unpaved, to a T-intersection and turn right. Continue past the entry gate to a parking area. Look for banners from the 3 organizations. Clean up begins at 9am and continues until noon. Refreshments provided. Stay afterward to enjoy the newly cleaned beach! Bill Snyder at 652-1718.

Sun. Oct 17 Nu'alolo trail/ Kokee/ Strenuous/ 9 miles. (C/E) Native forest hike with steep sections dropping 2,000 ft. to stunning views of Na Pali coast & Nu'alolo Valley. Jane Schmitt 826-6105

Tues. Oct 19 National Tropical Botanical Gardens Full Moon Walk. (S/C/E) South Side/Moderate/2 miles. Hike and learn about propagation of native plants in lovely gardens, plus volunteer service. Sierra Club members only. NTGB requires 2 weeks advanced reservations. Bob Nishek 346-0476

Sun. Oct 24 Waipo'o Falls (Waimea Canyon) 4 Miles moderately strenuous (C/E/F) Great views not available from the roadside overlooks. Picnic at a lovely ginger pool Allan Rachap 212-3108.

Sat. Oct 30 Gem of Alakai Pihea Trail to Kawaikoi stream/ Kokee/ Strenuous/ 7.5

miles (C/E) .Pihea lookout, thru Alakai swamp to picturesque Kawaikoi stream, with panoramic views of Kalalau valley. Neil Brosnahan 346-8460

Sat. Nov 6 Sierra Club and Surfrider collaborate to clean up the beach by Kamalani Playground. East Side/1 mile. (C/S) South of Wailua Bridge turn makai onto Leho Dirve toward (but not into) Lydgate Beach Park and onto Leho Drive. Drive beyond Kaha Lani condos to Kamalani Park, where we'll meet near the restrooms. Look for organizations' banners. Clean up starts at 9am and continues for 2.5 hours. Refreshments provided. Judy Dalton 246-9067

Sat. Nov 13 Kuilau Ridge Trail. East side/ Moderate/3 miles.(E/F) Lush mountain and sweeping valley views. Great reward for moderate effort. Denny Jackson and Erica Watson 647-0727

Sun. Nov 14 Maha'ulepu/ South shore/ Moderate/3 miles (C/E/F) - Super coastal walk rich in Hawaiian history & fantastic views. We'll shuttle cars for a leisurely one-way hike. Allan Rachap 212-3108

Thurs. Nov 18 Nonou (Sleeping Giant) Conservation Service Project. (C/S) East Side/strenuous/4 miles. Tend to endangered native plants in their habitat and enjoy a full moon walk. Sierra Club members only. Bob Nishek 346-0476

Fri. Nov 19 Wailua to Nukoli'i Beach Sunset to Moonlight picnic and walk. Socialize and Exercise. East Shore/Easy 2.5 miles. (C/E/F) We'll have a picnic dinner at Lydgate Beach Park & walk on miles of lovely natural, undeveloped coastline. Judy Dalton 246-9067

Sat. Nov 20 Ha`ena to Ke`e Sunset to Full Moon Beach Walk/North shore/ Easy/ 2 miles. (F) This is a beautiful beach walk with outstanding views of the famous Makana Mountain and sunset along Na Pali. Return by moonlight. Kathy Valier 826-7302

Sat. Nov 27 Jewel of Koke'e, Strenuous/7 miles. (C/E) Spectacular hike through forest of Koke'e, Black Pipe Trail, Canyon Trail, Po'omau Canyon Lookout. Cross over Waipo'o Falls for view of Waimea Canyon to the ocean. Neil Brosnahan 346-8460

Sat. Dec 4 Anini Beach Clean up and Walk/ Easy/2 miles. (S/F) Early morning walk and Beach Clean up along this lovely, gentle beach. Afterwards, we can take dip in the turquoise ocean. Karen Tilley 821-8008

Sun. Dec 5 Okole'hau/ North shore/ moderately strenuous (E, F) Trail climbs 1,200 ft. behind Hanalei valley for beautiful, sweeping views of the North shore. Jane Schmitt 826-6105

Sun. Dec 12 Nonou (Sleeping Giant) East side 6 miles moderately strenuous. (C/E/F) Hike up down another to see it all - great views and wonderful vegetation. Allan Rachap 212-3108.

Wed Dec 15 Waimea Canyon Road Clean Up/Easy/ 2 miles.(S) Afternoon clean up of Sierra Club's adopted highway requires a little over an hour. Please help keep the gateway to Waimea Canyon litter-free. Bob Nishek at 346-0476.

Sat. Dec 18 Maha'ulepu Sunset to Moonlight walk. South Shore/Moderate 4 miles. (C/E/F) Enjoy an incredible coastal hike starting at Shipwreck Beach ending with a nearly full moon glistening on the ocean off the spectacular shores of Maha'ulepu. We'll shuttle cars for a leisurely one-way hike. Judy Dalton 246-9067

Sun. Dec 19 Kealia to Donkey Beach Sunset to Moonlight stroll. East Shore/3 miles/ moderate. (C/F) Start off in the late afternoon to take in awesome views along the coastline and return to Kealia Beach to enjoy a full moon around a camp fire. Vivian Hager 652-3234.

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

Maui Group Report

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

UPDATES ON MAUI CONSERVATION ISSUES

Ma'alea Harbor Expansion: After re-evaluating past plans for Ma'alea harbor expansion, Army Corps of Engineers consultants will be hosting community meetings by the end of the year to consider public recommendations to improve harbor safety and basic infrastructure such as restrooms, parking, ramps and mooring docks.

North Shore Heritage Park & Hookipa Expansion: Public support has been expressed for mauka expansion of Hookipa and Baldwin beach parklands as part of the Paia Reliever Road environmental review process. The council is expected to review the area in Maui Island Plan maps by the end of the year.

East Maui Streams: Implementation of the Water Commission's stream restoration decisions is gradually taking place along several East Maui streams. Community groups are also working to create a watershed management plan to provide more water security for their area.

Na Wai Eha Stream Restoration: The first water was restored to Waihee and north and south Waiehu streams in August. Adjustments may need to be made to ensure that kuleana water users (farmers who have constitutionally protected water rights) can still receive enough water for their crops through modification of releases and delivery systems. Earthjustice has also appealed the Commission's decision to release only 12 mgd back to 2 streams, ignoring Iao and Waikapu streams.

Water Use and Development Plan (WUDP): Review of the draft WUDP for Central Maui continues in the Council's Water Resources Committee. The Water Resource committee meets at 9:00 am on the Tuesday prior to the first and the third Friday of each month. Check county website to confirm. WUDP is posted at www.co.maui.hi.us/index.aspx?NID=213.

Hamakuapoko Wells: No resolution has been reached regarding use of the two low elevation wells, which had tested high for levels of agricultural chemicals DBCP, EDP or TCP,

located in the cane fields above Old Maui High.

Sustainable Ag: Do you have ideas, land or crops to share. Do you need solid info about growing your own food? Go to: www.mauifoodweb.com

Fish Farm Education: Fish farms on the Big Island have been given a loophole by state regulators. Citizen groups have launched a drive to demand that the long term impacts of the unproven and resource intensive technology be disclosed through public review. For latest updates go to: www.foodandwaterwatch.org.

Big Island Fish Farm Proposal: Hawaiian Oceanic Technology, Inc. asked the Army Corps of Engineers to halt review of their project proposal to deploy twelve 165' X 165' Oceansphere cages to raise ahi off the North Kohala coast of the Big Island. Members of the Pono Aquaculture Alliance (www.ponoaqua.org), who were among 300 commenters asking the Corps to hold public hearings before making any decision, are hailing the permit withdrawal as a victory. It is expected HOTI will re-submit a new proposal to test one Oceansphere before pushing to implement larger plans, which call for raising 12 million pounds of tuna annually, and exporting more than 90%.

Regulation of Aquarium Fish: Maui County Council passed the "Aquatic Life Animal Control Bill" on August 24. The historic new law sets stringent permit requirements on aquarium collecting—for the first time in Hawaii. Mahalo to all who testified and to the council for their support.

Wastewater Injection Wells: Maui Group continues to work with the DIRE (Don't Inject, REdirect) coalition to find solutions to funding for county upgrades for sewage treatment and delivery systems for treated water. Consultations with state and federal authorities are ongoing.

Haleakala Solar Telescope (ATST): MG expressed concerns about energy use, promises of high tech jobs, and compliance with conservation district rules at the recent Conservation District Permit hearing. The 14 story telescope proposed for the summit of Haleakala would utilize public lands. Citizen groups, represented by Native Hawaiian Legal Corp, requested a contested case on the permit at the hearing, alleging that the permit did not follow laws governing protection of

conservation lands. For updates: www.kilakilahaleakala.org.

National Humpback Whale National Marine Sanctuary: The Sanctuary is updating their management plan. MG has testified in support of expanding the Sanctuary's mission to be ecosystem based and include other threatened and endangered marine species, coral reefs, water quality and research and management support for sensitive near shore environments such as Makena, Olowalu and Honolulu. Our sanctuary currently has minimal standards set. This is the time to update that approach. Comments are due by October 16. For information go to: www.hawaiihumpbackwhale.noaa.gov/management/management_plan_review.html.

Honolua Bay Development: Cleanups, plantings, reef monitoring and educational events are ongoing at this popular Bay. For updates, go to: www.savehonolua.org. Malama Honolua Bay contact Les Potts: lespotts@msn.com.

Wailea 670: MG submitted extensive comments on the 2000 page Draft EIS for the proposed 670 acre golf course-subdivision plan. Sierra Club Maui continues to advocate for a 130 acre preserve in the southern portion of Wailea 670 to protect numerous cultural sites, extensive Wiliwili groves that have survived wasp attacks, the endangered Blackburn Sphinx moth and 24 species of native plants. Comments from US Fish and Wildlife Service on the DEIS also confirmed that the agency has determined that 130 contiguous acres is necessary to protect habitat. The landowners have proposed a 22 acre preserve and a series of fragmented "native plant enhancement areas" surrounding golf course greens and gulches.

Makena Resort Rezoning: Public announcement has not been made, but private sources confirm that new buyers have been found for the 1800 acres of Makena Resort lands. Included in the new ownership are former partners Trinity Investments. MG will continue to monitor plans for this environmentally and culturally important area.

Makena State Park (Big Beach) Master Plan: Oneloa Coalition, a stakeholders group formed as a result of Makena Resort rezoning conditions, launched a survey to allow park users to share their ideas and preferences about the park's Master Plan. Please share your manao. Survey link: go to: www.savemakena.org.

Maui Group Outings

See Page 11 for General Outings Information

OCTOBER HIKES AND ACTIVITIES

Saturday, October 9: Explore Maui's North Shore. Swim in the Olivine pools, walk the Ohai Loop Trail at Papanaloha Point near Kahakuloa and visit the Nakalele Blowhole. The Ohai Loop Trail features native plants, including the endangered Ohai along with the more common nehe, ulei, akoko and aalii, plus native seabirds, turtles and whales in season. Bring swimsuit, camera and lunch. Meet 8:30 am Waihe'e School parking lot to carpool. Limit 18. Please call hike leader Bob Babson at 874-1166 to register. (E) (C) D = 5 miles.

Sunday Oct 17, 9am to 1 pm: Explore Huelo streams. Educational walk on kuleana lands (with owner's permission) discover ancient Hawaiian sites hidden in the jungles and learn about community efforts to restore native habitat and taro patches. Bring camera, water, lunch, stream hiking footwear and rain coat. Meet 9am at top of Door of Faith Rd, Huelo. Limit 15. Please call hike leader Lucienne de Naie to register. (E) (C) D = 2 miles.

Saturday, October 23, 8:30 am to noon: Community Work Day: Make a Difference Day Cleanup! To volunteer, please call CWD at 877-2524 for the cleanup nearest you. Mahalo for helping keep Maui beautiful! This is not a Sierra Club activity.

Saturday, October 23: Hike spectacular Skyline Trail above the timberline with vistas of the Big Island 100 miles away on a clear day. Observe numerous cinder cones from Haleakala's most recent eruptions. Strenuous five mile hike round trip at high elevation (10,000') 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 (Bank of Hawaii). Carpool to top. \$10/car entrance fee to Haleakala National Park. Bring camera, water, lunch, hiking boots and warm layers of clothing. Limit 18. Please call hike leader Bob Babson at 874-1166 to register. (E) D = 5 miles.

Thursday, October 28, 5:30 to 7:30 pm: Maui Sierra Club Board of Directors

meeting. Sierra Club members are invited to attend and share their ideas. Please email Karen Chun at Karen@RedwoodGames.com to confirm meeting time and place and to add any agenda items you would like to discuss.

NOVEMBER HIKES AND EVENTS

Tuesday, November 2: GENERAL ELECTION!! PLEASE VOTE!!

Tuesday, November 9: Visit beautiful Kahanu National Botanical Garden in Hana and see the largest heiau in Hawaii. \$10/person entrance fee. This hike is very educational because all plants are named. We will also visit the Hana Cultural Center and see a reproduction of an ancient village and old jail house and visit Hamoa Beach where we will have lunch and swim. Meet 8:30 am at the Haiku Community Center and carpool to Hana. Bring lunch, bathing suit and camera. Limit 18. Please call Bob Babson at 874-1166 to register. (C) (E) D = 2 miles.

Saturday, November 13, 8:00 am to 1pm: Olowalu taro loi restoration and cultural reserve hike. Be a part of the historic restoration going on in beautiful Olowalu Valley and reward yourself with a guided Sierra Club hike along the legendary Olowalu stream with its shaded banks and ancient cultural sites. Meet 8am at parking area just Lahaina side of Olowalu General Store on Honoapiilani Hwy. Bring good footwear, gloves, water, lunch, hat, camera. Limit 15. Please call hike leader Lucienne de Naie at 214-0147 to register. (E) (S) D = 3.

Saturday, November 27: Hike to Pauwela Point Lighthouse. Meet at 8:30 am at the Haiku Community Center. We will walk from here. It is directly north through the pineapple fields. See where the lighthouse once stood and then walk down to sea level and swim in the "Birthing Pools" where we will have lunch. Bring your bathing suit, lunch and water. Limit 18. Please call hike leader Mitch Skaggerberg at 875-4970 to register. (C) (E) D = 3 miles.

DECEMBER HIKES AND EVENTS

Monday, December 6: Kanahena-Makena Historical tour 9am to 2 pm. Learn the

history of the places you've driven by for years. The village of Kanahena, the Hawaiian Heiaus along the old King's Hwy (present day Makena Rd). The fishponds and fishing villages. Tour involves 3 stops (including lunch) with explorations by foot and includes private and public lands. Meet 9 am at Ahihi Bay Parking lot ("Dumps") Bring your lunch and water. Limit 18. Please call hike leader Lucienne de Naie at 214-0147 to register. (C) (E) D = 3 miles.

Sunday, December 12: Hike beautiful Kapalua Resort Trails. Maui Land and Pine has opened up these beautiful trails through pristine forests for the public to enjoy for free. We start at the Kapalua Resort Center (aka golf club house on Office road immediately above the Ritz Carlton at the intersection with Village Road). We must sign waivers there. Then, ML&P provides free buses to the top where the trail begins at approximately 1,500 feet. We will catch the 9:30 am bus. We then hike through the Maunalei Arboretum and up the Honolua Ridge Trail 2 miles to a spectacular mountain top view point of the West Maui Mountains. Many trees, flowers and plants are named along the trail and labeled endemic or indigenous if applicable. Very educational hike. From there we hike down the Mahana Ridge Trail 6 miles back to the Kapalua Resort Center where we parked our cars. All day hike. Meet at 8:00 am at Buzz's Wharf to carpool to Kapalua. If you live in the Lahaina area, meet at 9:00 am at the Kapalua Resort Center on Office Road. Please call hike leader Bob Babson at 874-1166 to register. Limit 18. (C) (E) D = 9 miles: 2 miles of moderate upslope and 6 miles of moderate down slope.

Sunday, December 26: From La Perouse Bay, hike south on the Kings Highway to one of the most remote and beautiful areas on Maui. Visit anchialine ponds (unusual shallow ponds with tiny red shrimp) and archeological sites along the way. We have lunch and swim on a beautiful sandy beach. Bring swimsuit, lunch, water, hat and sunscreen. All day hike. Meet at Kihei Community Center (Lipoa Street & Piilani Highway) at 8:30 am to carpool. Limit 18. Please call Bob Babson at 874-1166 to register. (C) (E) D = 6 miles mostly level. not a Sierra Club activity.

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

Moku Loa Group Report

CHAIR REPORT, by Nelson Ho

It has been an event-filled quarter for the Club. I worked on a Service Trip to Hakalau Wildlife Refuge (on the slopes of Mauna Kea) alongside Club volunteers repotting rare and threatened seedlings that will eventually be part of a restored forest for clouds of Hawaiian birds. Thank you, Sunny LaPlante, Sarah and Jan Moon, Baron Horiuchi and all who made it possible!

I also camped with Club members at the white sand Filled jewel of Hawai'i – Makalawena Beach. You should too.

An updated Mauna Kea Policy Statement was approved on July 31, 2020 by Statewide Sierra Club. It reads in part:

Whereas, the Board of Land and Natural Resources (BLNR) through its delegation of planning and operations of the Mauna Kea Science Reserve to the University of Hawai'i has inadequately protected Mauna Kea's natural resources to date;

Whereas, the University of Hawai'i-prepared Mauna Kea Comprehensive Management Plan approved by BLNR in 2009 and 2010 fails to meet the letter and intent of Third Circuit Court Judge Glenn Hara's 2007 conclusion that "HAR Article 13-5-24 requires a management plan which covers multiple land uses within the larger overall area that [the University of Hawai'i Institute for Astronomy] controls at the top of Mauna Kea's conservation district;"

Whereas, the Sierra Club Hawai'i Chapter is committed to build community alliances to foster the identification, understanding, education, protection and preservation of the integrated cultural and environmental landscape of Mauna Kea and the Mauna Kea Science Reserve;

Visit the Sierra Club web page version of our newsletter for the full policy, or contact Nelson Ho (933-2650), (nho.hoku@gmail.com)

WALLACE "BUD" DOTY, by Jan Moon

Long time Moku Loa Group Executive Committee member and Outings leader, Wallace "Bud" Doty, died July 17, 2010 on the Big Island.

A former Road Manager at Pahala Sugar Plantation, he had access to many gated, remote camping and wilderness areas. He was a volunteer Red Cross teacher and many MLG outings leaders received leader's and safety qualifications from him. He loved the nature and natural history of this island, and gladly shared his knowledge. He was an avid outdoorsman and led many major hikes and wilderness camping trips here, including Waiahukini near South Point, Waikapuna below Naalehu, Ku Ranchlands and across Haleakala Crater.

He was a great storyteller and would educate us all about the cultural and natural history of these remote and special places. He loved to make Poisson Cru, Tahiti's national dish in which lemon juice, mixed with coconut juice and other ingredients, cooked the raw fish. The Thanksgiving wilderness camps where he furnished all the fixings for several days were memorable. We all give thanks for the time he gave to us. Celebration of his life was held on Saturday, August 15, at the Church of the Holy Apostles in Hilo.

CONSERVATION UPDATE, by Diane Ware

Aquarium Reef Fish Collection. Ever wonder where all this (Tangs) have gone? Moku Loa Group Board has decided to advocate for more regulation and a possible moratorium on the collection of aquarium reef fish for export (a number of them endemic) until such time as taking these fishes can be documented to be sustainable to the ecosystem and humanity. Pete Hoffmann has put forward to the County Council a resolution that will do just that; and we will be testifying in support. There is currently a permit process and report of takes (over 700,000/year), but no meaningful regulation to ensure these

fish will not be depleted or will be here for the next generation to contribute to the eco-tourism economy. We were alerted to this issue by Rene Umberger, a dive operator from Maui who spoke before our council and the recent news that some 600 fish were dumped in trash cana at the Honokohau Harbor. More info at <http://www.forthefishes.org>.

Preserving Important Conservation and Native Forest Ecosystems. 'O'oma reclassification from State Conservation to Urban zoning is still under consideration by the LUC after several public hearings. The Group opposed this reclassification of coastal land just south of Ke'ahole Airport for a 1200-unit residential and 300-unit commercial spaces. This land has important natural and cultural resources with open space and view planes worthy of protection. We are losing thousands of acres of important conservation land to development. Other issues involved are viability of development adjacent to the airport and its noise, preserving water quality, lack of provisions for an overwhelmed infrastructure, negative impacts on long-time residents.

We are currently trying to work with private land owners logging or wanting to log koa and/or sandalwood on up to 20,000 acres of conservation- and agriculture-zoned land north of Hilo and in South Kona. Any ideas for helping to facilitate preservation will be appreciated. Contact Diane Ware (967-8642) or Cory Harden (968-8965).

PLEASE VOTE YES FOR 1% LAND FUND CHARTER AMENDMENT on the Nov. 2 Ballot, by Debbie Hecht

The Charter Commission meets every ten years to amend our County charter, which is the highest law of Hawai'i County. The Commission has passed a not less than 1% Land Fund amendment. This will appear on the ballot on November 2nd. As a charter amendment, it can be changed only by a vote of the people. This will take the Land Fund allotment out of the budget wrangling of the County Council and Mayor each year. Please vote YES and

pass the word along to your friends and neighbors. If this amendment passes, it will mean that the County will have at least 1% of our property taxes set aside each year to obtain 100% matching funds to purchase land to preserve access to the ocean, important agricultural lands, cultural sites and other important lands. 1% of our property taxes amounts to approximately \$2,000,000; with matching funds the County could have \$4,000,000 to purchase land. If we elect a favorable County Council, we may be able to raise the amount again to 2% or more. Ask the candidates where they stand on this issue. In addition, 2% of our property taxes is still an ordinance, and the County Council and Mayor can still approve of more money to obtain land. Deposits to the land fund are due to resume as of July 1, 2011. Please support this! The Land Fund is working! So far the County has obtained Waipio Lookout, Kawa Bay. The second property in District 5 is pending, Pao'o and Kaiholena in Kohala. PLEASE VOTE YES!

To see info about the Land Fund, go to www.dhecht.com. If you have questions, call Debbie Hecht (989-3222), or email hecht.deb@gmail.com

A CELEBRATION to thank Carl Pope for serving as Executive Director of the Sierra Club for eighteen years and his new appointment as Chairman of the Board was held in May 2010 in San Francisco. Roberta Brashear-Kaulfers presented him a *lei* from Hawaii. (See our website for photo).

SIERRA

CLUB

CALENDARS will be here soon: Both the Wilderness (Wall) Calendars and Weekly Planners are available. Contact Roberta (966-7002) to order yours today.

Moku Loa Outings

See Page 11 for information applicable to all outings

the forested edge of the crater. Leader, Roberta Brashear-Kaulfers (966-7002); Co-Leader, Rose Acevedo (756-5990)

Saturday-Monday, September 4-6 – Ka`aha Backpack and Wiliwili Tree Service Trip (E)(C)(S)

Help a grove of *wiliwili* trees survive the gall wasp by collecting seeds and possibly removing wasps. We will stay overnight at Ka`aha shelter. Contact Leader Diane Ware (967-8642); Co-Leader Linda Larish (966-6337).

Sunday, September 12 - Onomea Bay Dayhike (E)(C)(F) D = 2 miles, E = 200' +/- sea level

Explore a coastal tropical rainforest and along a scenic shoreline with streams and waterfalls. Leaders Michael and Sunny LaPlante (964-5017).

Saturday, September 25 - Pu`uhonua o Honaunau to Kealakekua Bay (E) D = 7 miles, E = sea level

This rough up-and-down over lava hike (no trail for the most part) from Pu`uhonua o Honaunau to Kealakekua Bay along the coast (hot and dry, no shade) is a part of the proposed National Historic Trail, the Ala Kahakai. The hike will feature sea arches, serpentine under surface waterways and swimming in a queens pool (at your own risk). Bring hat, hiking stick, swim gear, camera, binoculars and towel; wear sturdy boots or shoes. Leader Rich Vogler (328-8387); Co-Leader Diane Ware (967-8642)

Saturday, October 2 – Kilauea Iki (F)(E)(C) D = 5 miles, E = 4000 +/- 480'

A pleasant family hike on one of Hawai'i Volcanoes National Park's most popular trails. The trail starts at Thurston Lava Tube, drops down into Kilauea Crater and crosses the crater floor. Observe steam vents and the large cinder cone formed by the 1959 eruption. Then we climb up to Byron's Ledge and along

Saturday, October 9 – Pepe`ekeo Cliffs Day Hike (E)(C) D = 3 miles, E = 200' +/- 100'

Walk along mowed trails atop the Hamakua Cliffs; not for those afraid of heights. We will enjoy dramatic vistas and seabirds, and explore historic sites. Leaders, Michael and Sunny LaPlante (964-5017)

Saturday, October 16 –Outings Leader Retreat – Location tba

Saturday, October 23 – Petroglyph Full Moon Hike (E) D = 3 mi; Sea Level

This hike within Hawai'i Volcanoes National Park takes us across *pahoehoe* lava flows and passes lesser-known petroglyphs. We may also visit the Pu`u Loa petroglyph field and discuss theories relating to the images there. We start our hike before dusk; then return in the dark while the full moon rises. Boots, water, snacks, flashlights, light rain gear, long pants. Leader, Debbi Uchida (985-7303); Co-Leader, Roberta Brashear-Kaulfers (966-7002).

Thursday, November 18 – Kiholo Bay (F)(E)(C) D = 4 miles, E = sea level +/- 200'

A pleasant, easy hike to Kiholo Bay, one of the greatest treasures of the Kona coastline. Explore a crystal clear lagoon. Bring 2 quarts of water, lunch, snorkel gear, camera, sunscreen, and tabs are recommended; wear sturdy shoes. Swimming is available, but at your own risk; there are no lifeguards or restroom facilities available. All ages are welcome, but those under 18 must be accompanied by an adult. Leader, Sarah Moon (935-3475); Co-Leader, Rich Vogler (328-8387)

Friday, December 10 – Annual Meeting – Wailoa River State Park, Pavilion #1 (Phil Barnes – 965-9695)

ATTENTION ALL HIKERS

Have you ever considered being a hike leader? Meet a great group of experienced Big Island leaders. Find out what it takes to start leading your own hikes and learn about wonderful trails in your area. Please contact Rose Acevedo (756-5990) for scheduled time and location.

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

Vote for your Sierra Club Leadership!

Oahu Group Candidate Biographies:

Anthony Aalto. I've combined a career as a progressive journalist (reporting from two dozen countries for The Guardian, The Nation, The BBC and others) with activism ever since my days as president of my university student's union. I had two stints leading the United Nations Correspondents Association, helped found STOP (an organization that fights human trafficking) and led the Committee to Save Van Nostrand Farm where I worked with The Peconic Land Trust to block a subdivision on a 17 acre vegetable farm on Long Island. In the Sierra Club my focus has been on preserving farmland.

Brian Bell is currently engaged in commercial real estate with The Beall Corporation where he has been since 2008. He is a key member of the organization working on leasing, development, operations, and acquisitions. Brian graduated cum laude from the University of Washington in 2003 with a B.A. in Business Administration. An avid traveler, he has lived and traveled across the world and thinks there's no surer way to know oneself than through travel. Through his desire for affecting change in society, he is involved with a variety of industry, environmental, and community organizations.

Nat Bletter, PhD, Postdoctoral Fellow in Ethnobotany, University of Hawai'i Manoa Botany. His full resume can be viewed at <http://sites.google.com/site/conservationethnobiologyfield/nat-bletter>.

Randy Ching is the Oahu Group treasurer and outings chair. He's been an outings leader for 17 years and served on both the Chapter and Oahu Group executive committees, including chair of the excom for 3 years. Current projects include Kuliouou step building and opening up Kapalama Loop trail system. His 4 most important issues are global warming, switching to renewable energy sources, water conservation and re-use, and preservation of ag land/growing food locally. He believes the Oahu Group should advocate for more use of treated wastewater; dumping it into the ocean is unconscionable.

Kioni Dudley, Ph.D. did his doctoral work in ancient Hawaiian philosophy, and for many years taught ancient Hawaiian religion and philosophy at the university level. He wrote *Man, Gods, and Nature* and co-authored *A Call for Hawaiian Sovereignty*. He also edited and published Ira Rohter's, *A Green Hawai'i*. He was the Green Party candidate for Governor of Hawai'i in 1994. Most recently, he has spear-headed the successful effort to keep the "Ewa farmland from development, acting as the intervenor for the people before the Land Use Commission. He organized and is president of the Friends of Makakilo, an organization of 500+ members.

As a field biologist, **Steve Montgomery** has discovered 30 new species, including cold-hardy species on Mauna Kea, and described the predatory behavior of Hawaiian inchworms in National Geographic and GeoJournal, making science understandable to general audiences. He blends scientific and education skills to serve as advisor to Discovery & Animal Planet, BBC, NOVA, NGS & NHK film, photo, and print media natural history projects. He earned a Ph.D. at U. H. in 1984 and B.A. in Biology from Grinnell College, Iowa. A 30-year volunteer with the Conservation Council for Hawai'i, Citizens Against Noise, and the Heptachlor Foundation, he served 10 years as a Governor's appointee on the Natural Area Reserves and the Land Use Commissions.

Linn Morris was born in Honolulu and grew up on O'ahu. Her family in Hawai'i runs back at least six generations on both sides. A professional photographer and graduate of Parsons School of Design in Manhattan, she combines life-long passions for ecology with a working knowledge of how good design can be incorporated at every level. She would like to see Hawaii become a model of how to best combine preservation of key lands with limited development that is responsible, holistic and visionary. Having Hawai'i shift to energy and food self-sufficiency are issues that she feels need immediate focus.

Kauai Group Candidate Biographies:

Caren Diamond, serving on the Group Ex Com since 2004, is dedicated to coastal, community, food purity & pesticide issues. She's a tireless advocate for healthy beaches, coastal preservation, beach access, and protection of Hawaii's cultural heritage & traditional practices. Twice receiving Kaua'i Environmentalist of the Year awards, Caren is most well-known for the successful Diamond Vs the State of Hawaii lawsuit where the Supreme Court reaffirmed the shoreline is at the highest wash of the waves, and not induced vegetation as the shoreline. Caren works diligently to preserve Hawaii's unique environmental & cultural resources.

Carl Imparato has served on the Kaua'i Group Executive Committee since 2006. He led the successful campaign to enact a 2008 Kaua'i County Charter amendment to control the pace of resort development and crafted the Kaua'i Group's testimony on numerous issues including shoreline access, park commercialization, protection of Wailua Beach, energy efficiency, noise standards, and the preservation of agricultural lands and rural character. In 2009 he received the Kaua'i Group's Environmentalist of the Year award. Carl is committed to protecting the environment and to ensuring the livability of the island's communities.

Rayne Regush has served as Secretary of the Kaua'i Group since 2004. She is very active in preservation issues regarding agricultural lands, coastal areas, and public access mauka and makai. Her strong interest in land use laws is the nexus for much of her environmental work. Representing the Kaua'i Group, she led the campaign to preserve public access on the ancient trail at Larsen's Beach. Rayne serves on the Kaua'i County Citizen's Advisory Committee for the East Kaua'i Development Plan Update and is Board Chair of the Wailua-Kapa'a Neighborhood Association.

Jimmy Trujillo is a Kaua'i Community College faculty member and is Co-Chair of the Kaua'i Beekeeper's Association. He enjoys gardening and outdoor recreation with his wife and daughter. Jimmy is also a volunteer Board of Directors member of the Kekahu Foundation and KKCR, Kauai's community radio station. It is his hope that through outreach, advocacy and education, the Sierra Club can continue to help preserve Kauai's rich cultural heritage, maintain its rural community qualities and protect its spectacular natural beauty.

Candidate Biographies

Maui Group Candidate Biographies:

Stacia Bobikevich. Stacia Bobikevich has lived in Hawaii for 19 years and has a BS degree in environmental science. Her environmental focus is sustainable community development and preserving local community character. Stacia has served on the Maui Group Sierra Club board for 5+ years as a member, the Secretary, and the conservation co-chair. She presently works for the County of Maui in the Department of Environmental Management as a recycling specialist and manages an array of recycling programs on Maui and Molokai and is currently assisting with the administration of the new Plastic Bag Ban Law! Her hobbies are paddling canoe, reading and spending time with family.

Lucienne de Naie. Lucienne de Naie is a long time Club member who has served as Chair and Vice-chair of the Sierra Club Hawaii Chapter Executive Committee. She is a researcher and writer whose passion is protection of native plants, streams, watersheds and cultural sites.

Michael Duberstein. Even though I'm a relative newcomer to Maui, an almost immediate weekly maintenance kuleana to the nearby Kihei Boat Ramp and South Maui Heritage Trail blossomed into my involvement with the Rotary Club of Kihei-Wailea and next to my research efforts for the Superferry trial team and being asked to join the Board of the Maui Tomorrow Foundation--as well as to my role as Treasurer of Akaku Maui Community Television and to be chosen as Democratic Party District Eleven (South Maui) Chair. All of that stemming from a Kihei Community Association meeting where we heard Lis and Bob Richardson describing what they were doing at the Boat Ramp and Trail and realizing that volunteering there would be "neat." Oh, finally, we took a course in Hawaiian culture and language soon after we settled in and learned what "malama aina" and "pono" represented in the broadest terms.

Lance Holter. Lance Holter has been Maui Group Chair since 2004 and serves as the Maui Group representative to the Hawaii Chapter of the Sierra Club. Lance also represents the Hawaii Chapter as the Conservation committee chairperson. Lance steadfastly believes that the Sierra Club must continue to promote the protection, preservation and enhancement of our Environment and Natural Resources because the Environment is our Economy!

Rich Lucas. Rich Lucas has served as the Maui Group Political Chair for 4 years. He is a retired attorney from Ha'iku who is committed to protecting Maui's open spaces, endangered species and coral reefs. He says: "We have known the answer since the time of Thoreau -- 'simplify, simplify.'" Richard works as the planning director for Friends of Old Maui High School, a non-profit organization dedicated to historic preservation on Maui. He also works with Ha'iku Living Legacy Project, an organization that works to preserve the history and culture of the Ha'iku district. His passion is to see a Maui that is free from the need to import fuel and food to sustain its population.

Chris Mentzel. Chris Mentzel has been working the last 3 years on getting Maui off oil by 2020. The plan is on my website cleanenergymaui.com and is described in my column and numerous articles in the Maui Weekly. I have spent 2 years in front of the Public Utilities commission to help create the Hawaii version of the German Feed-in Tariff, the most powerful law for renewable energy. All these efforts were personal and self-financed. I can bring this detailed knowledge to the Sierra Club, continuing the fight for more solar and wind energy on Maui as a director and creating new public campaigns for renewable energy. I have to add, that I am not much of an organization man, prefer to have my own opinions and am still learning how to be politically effective. There's room to grow and that excites me.

Chris Taylor. Chris Taylor's love for nature, education and technology provides a solid foundation to support many fields. He enjoys the working with diverse needs and collaborating across many cultural sections. While studying Sustainable Technology at the University of Hawaii Maui College he founded the Sustainability Club and served as president of the Peace Club. In addition to his small computer business Chris is the administrator for MauiFoodWeb.org and a contributor to the Maui Farmers Union. "I understand the importance of growing food locally and want to do everything I can to support self sufficiency and food independence."

Moku Loa Candidate Biographies:

Janice Crowl. I'm an environmental writer and author of children's books (Bishop Museum Press) that focus on conservation and Hawaiian cultural issues. I grew up in Hawaii and earned a degree from UH Manoa. In my Volcano home, I awaken to songs of native birds; I want my children to always be able to hear them, too. I've been in Sierra Club for 9 years. I've been with the Hawaii Island Master Gardeners' Association for 8 years, served on their board and taught classes on native plants. I'm a Hawaii Cetacean Rehabilitation Facility volunteer and a member of the Nature Conservancy.

Richard Ha. I am interested in running for the MLG Executive Committee because I believe in the mission of the Sierra Club and my core beliefs line up with its mission. I am motivated by the knowledge that oil is running out and that we need to make smart choices that are proven technology, dependable and are reasonable alternatives for the poor people—who are most commonly Hawaiian. As we transform ourselves for the future we must not choose alternatives that will cause us to end up like Easter Island.

Mālie Larish is a U.H. Hilo student who was born in Hawaii and raised in Hilo. She was impressed by Sierra Club activism at a young age and founded a recycling program at her high school. By serving in the Hawaii Youth Conservation Corps, interning at Hawaii Volcanoes National Park, and volunteering on Laysan Island, Mālie has experienced the natural treasures of the islands. As an Executive Committee member, Mālie will promote the protection of ocean ecosystems, energy efficiency projects, and smart urban growth. She will encourage greater student participation in the Sierra Club through public outreach and media releases.

Continued on page 22

Candidate Biographies

Moku Loa Candidate Biographies (continued):

Continued from page 21

John Olson has been an active Club member since 1980 and has been Sierra Club's environmental delegate to the HELCO electrical Integrated Resource Planning team from the 1990s through 2005. He led the charge for the cleanup of Sand Hill on the Puna Coast. This unique geologic feature had turned into a junkyard. It took several weekends with volunteers to remove many truckloads of discarded furniture, refrigerators, junk cars and household refuse. He has been a staunch recycler throughout his life and has owned several businesses recycling equipment and materials. He has been a staunch advocate for community participation in governmental planning and has played key roles from 1995 onward.

Deborah Ward has been active in Sierra Club Moku Loa Group since 1982, and has worked on conservation issues, including Honoli`i stream hydropower, koa and sandalwood logging and resource protections on Mauna Kea. Debbie has served on the Moku Loa Group and Chapter ExCom several times during the last thirty years. A retired University of Hawai`i extension agent, Debbie volunteers in the greenhouse at Hakalau National Wildlife Reserve, has an organic fruit farm in Kurtistown, and loves to hike and to photograph native Hawaiian plants.

Chapter Executive Committee Candidate Bios

Rick Barboza. Rick is a 1993 Graduate of Kamehameha Schools and received Bachelor's in Zoology from U.H. Manoa with a focus on Conservation Biology. He started Hui Ku Maoli Ola Native Hawaiian Plant Nursery which currently stocks over 140 different species of native plants and has done numerous restoration projects throughout the State. Rick is a contributing writer to the Sierra Club Malama and writes regular newspaper columns to educate residents on the importance of native plants. In 2007 Rick started Papahana Kuaola, a non-profit dedicated to educating Hawaii's residents on the significance of our island's natural history and culture that reaches over 12,000 individuals each year. He currently serves on the Board of Directors for the Landscape Industry Council of Hawaii (LICH) and Conservation Council of Hawaii (CCH).

Mark B. Glick. Mark is a Lifetime member of the Sierra Club and in his second year as Chair of the Hawai`i Chapter Executive Committee. His priorities are to expand environmental education and conservation programs; advocate for climate change solutions and reduce Hawai`i's dependency on imported oil; and to safeguard planning and environmental review laws to ensure we balance growth with protecting natural and cultural resources. Mark's career has featured resource and asset management, energy, transportation & environmental policy, and economic development. As OHA's Director of Economic Development, Mark developed a number of successful lending, grant, and technical assistance programs for Native Hawaiians. Mark is a graduate of Carnegie-Mellon University's Heinz College, with a Master of Science in Public Management and Policy; and Lamar University, with a BA in Mathematics.

Sharla Manley. Sharla Manley is a staff attorney with the Native Hawaiian Legal Corporation. Prior to joining NHLC, Sharla worked on appeals for a class action law firm and served as a global litigation associate at an AmLaw100 firm in Los Angeles. She also worked as a policy analyst at the Office of Hawaiian Affairs in its Native Hawaiian Rights Division from 2000-2002. Sharla attended the University of Southern California Gould School of Law. As a law student, Sharla worked as a law clerk on Native Hawaiian rights cases at Earthjustice and for Sherry Broder. Sharla received a B.A. in History with Highest Honors from Stanford University in 1996. Her thesis on the political function of distortions in Hawaiian history was recognized by Stanford's History Department and earned the James Birdsall Weter Prize for Best History Honors Thesis.

Janice Marsters. Janice Marsters is a Life Member of the Sierra Club. She has participated in and led many Hawaii Service Trip Program habitat restoration projects, and has served as HSTP's representative to EXCOM. Janice is the Chapter's Fundraising Chair and led the preparation of the EXCOM's fundraising plan. She works as an environmental consultant, has strong business skills, and is interested in public policy related to environment and sustainability. Her extensive volunteer experience includes serving as Board president of Kokua Market and recently as Hawaii Bicycling League's representative on the State's Complete Streets Task Force. Her EXCOM priorities include fundraising; expansion of service, outing, and educational activities; increasing membership; and providing leadership in critical issues such as environmental law, recycling and solid waste management, and sustainability.

Fred Moore. Fred is a contractor, a green energy entrepreneur and chair of the Hawaii Build Green Council. He works for HSI Mechanical and is president and principal of RME. He is involved in BioEcoTek, LLC an alternate fuel – bio-algae company, Doit Builders, Inc. and with Energy Management Consulting & Construction, LLC (an energy and water conservation company). Fred's skills include managing a \$14 million contracting company, formulating strategic plans, marketing LEED buildings, and motivating 45 employees. Fred has strong communication, marketing and networking skills. He has been president of the Building Industry Association of Hawaii; a member of the U. S. Green Build Council; a member of the Corporate Council for the Environment; The Hawai`i Science & Technology Council; Environmental Defense Fund; Society of Conservation Biology; and the ACLU. Fred received his degree in Business Administration in 1967.

Sheila Sarhangi. Sheila Sarhangi has written numerous articles for regional and national publications on topics ranging from conservation to Hawaiian culture. She's also the environment writer for *Honolulu* magazine and the author of *Honolulu Then and Now*. She earned a bachelor's degree in Environmental Studies from the University of California, Santa Barbara, and continues to hold a steadfast commitment to protecting the environment through her volunteer efforts with local organizations. Sarhangi is an avid backpacker, and even walked away scratch-free (!) from an encounter with a grizzly and three cubs at Glacier National Park this summer. If elected, she promises her dedication to the Sierra Club, Hawai`i Chapter's legislative and grassroots efforts.

Group and Chapter Executive Committee Election Ballot

Please vote in both the Chapter and your Group election -- *instructions on back*

Please Vote In
the
Chapter
Election ✓

CHAPTER ELECTION (Vote for no more than 3 candidates)

Single Joint See Bios on Page 22

<input type="checkbox"/>	<input type="checkbox"/>	Rick Barbosa
<input type="checkbox"/>	<input type="checkbox"/>	Mark B. Glick
<input type="checkbox"/>	<input type="checkbox"/>	Sharla Manley

Single Joint See Bios on Page 22

<input type="checkbox"/>	<input type="checkbox"/>	Janice Marsters
<input type="checkbox"/>	<input type="checkbox"/>	Fred Moore
<input type="checkbox"/>	<input type="checkbox"/>	Sheila Sarhangi

OAHU GROUP ELECTION (Oahu members for no more than 5)

Single Joint See Bios on Page 20

<input type="checkbox"/>	<input type="checkbox"/>	Anthony Aalto
<input type="checkbox"/>	<input type="checkbox"/>	Brian Bell
<input type="checkbox"/>	<input type="checkbox"/>	Nat Bletter
<input type="checkbox"/>	<input type="checkbox"/>	Linny Morris

Single Joint See Bios on Page 20

<input type="checkbox"/>	<input type="checkbox"/>	Randy Ching
<input type="checkbox"/>	<input type="checkbox"/>	Kioni Dudley
<input type="checkbox"/>	<input type="checkbox"/>	Steve Montgomery

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

Single Joint See Bios on Page 20

<input type="checkbox"/>	<input type="checkbox"/>	Caren Diamond
<input type="checkbox"/>	<input type="checkbox"/>	Carl Imperato

Single Joint See Bios on Page 20

<input type="checkbox"/>	<input type="checkbox"/>	Jimmy Trujillo
<input type="checkbox"/>	<input type="checkbox"/>	Rayne Regush

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

Single Joint See Bios on Page 21-22

<input type="checkbox"/>	<input type="checkbox"/>	Jon Olson
<input type="checkbox"/>	<input type="checkbox"/>	Debbie Ward
<input type="checkbox"/>	<input type="checkbox"/>	Janice Crowl

Single Joint See Bios on Page 21-22

<input type="checkbox"/>	<input type="checkbox"/>	Mālie Larish
<input type="checkbox"/>	<input type="checkbox"/>	Richard Ha

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

Single Joint See Bios on Page 21

<input type="checkbox"/>	<input type="checkbox"/>	Stacia Bobikevich
<input type="checkbox"/>	<input type="checkbox"/>	Lucienne de Naie
<input type="checkbox"/>	<input type="checkbox"/>	Michael Duberstein
<input type="checkbox"/>	<input type="checkbox"/>	Chris Taylor

Single Joint See Bios on Page 21

<input type="checkbox"/>	<input type="checkbox"/>	Lance Holter
<input type="checkbox"/>	<input type="checkbox"/>	Rich Lucas
<input type="checkbox"/>	<input type="checkbox"/>	Chris Mentzel

Vote in
only
ONE (1)
Group
Election

(Your Ballot
may otherwise
be
disqualified)

Instructions
on Back!



Sierra Club, Hawai'i Chapter
P.O. Box 2577
Honolulu, HI 96803

Non-Profit
Organization
U.S. Postage
PAID
Honolulu, HI
Permit No. 1284

Capitol Watch!

Find out more on
page 7

Protecting Hawai'i's environment, Mauka to Makai!

Sierra Club, Hawai'i Chapter

October - December 2010

Ballot Inside! Choose Who Runs the Sierra Club!

Executive Committee Election Instructions

Vote for YOUR Group Executive Committee and Chapter Executive Committee

Those elected will take office in January 2011

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

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

1. Two voting boxes are provided. If joint members wish to vote for the same candidate, they may check the "joint" box. Single members must use only the "single" box or the ballot will be invalidated. No cumulative voting is allowed (voting multiple times for the same candidate).
2. **Include your name and address or your membership number (printed on the label above) on your return envelope.** Ballots submitted without a name and address or membership number may be invalidated. We verify memberships and then remove the identification portion prior to opening. Every effort is made to keep your vote confidential.
3. Mail completed ballot to ELECTIONS, Sierra Club, P.O. Box 3412, Lihu'e, HI 96766. Ballots must be postmarked by November 15, 2010.