

  
OFFICE OF HAWAIIAN AFFAIRS  
‘Ōlelo Hō‘ike ‘Aha Kau Kānāwai  
Legislative Testimony

**SR60**

REQUESTING THAT THE YEAR 2022  
BE DESIGNATED AS THE YEAR OF THE LIMU

Ke Kōmike ‘Aha Kenekoa o ka ‘Oihana Mahi‘ai a me ke Ao Kūlohelohe  
Senate Committee on Agriculture and Environment

Malaki 15, 2021

1:00 p.m.

Hālāwai Keleka‘a‘ike

The Administration of the Office of Hawaiian Affairs (OHA) will recommend that the Board of Trustees **SUPPORT** SR60, which would declare 2022 as the Year of the Limu. **This measure will facilitate a greater appreciation for limu and will also reinforce existing efforts to transmit limu knowledge and practices to future generations.**

Limu is both a Native Hawaiian cultural heritage and also an integral part of a healthy, well-functioning ecosystem. Limu constitutes an important component of the traditional Native Hawaiian diet, along with fish and poi, and has also been used as medicine and for religious and cultural purposes such as in the conflict resolution process of ho‘oponopono. Limu also helps to filter runoff from the land, and provides necessary food and protection for juvenile fish.

Although this precious biocultural resource was once healthy and abundant, the native limu population has suffered greatly due to urban development, land use practices, improper harvesting, climate change, and other pressures. At the same time, changes to the Hawaiian lifestyle and diet, along with other socioeconomic factors, have contributed to the loss of traditional practices and ancestral knowledge, including the cultural connection to limu and the limu practices.

Despite the historic trauma caused by the loss of land, culture, and identity, Native Hawaiians remain resilient and are determined to transmit to future generations the knowledge and practices handed down by na kūpuna. Grassroots organizations such as Kua ‘Āina Ulu ‘Auamo help to empower and create capacity among limu practitioners while others like the Waimānalo Limu Hui work tirelessly to regrow limu and thereby reclaim cultural spaces. This measure will help to bring awareness to the cultural and ecological importance of limu, and will honor and reinforce the work of those such as Uncle Wally Ito and others who carry the torch of wisdom and ancestral knowledge handed down to us by kūpuna such as Uncle Henry Chang Wo Jr., Dr. Isabella Aiona Abbott, and countless more.

Therefore, OHA respectfully urges the Committee to **PASS** SR60. Mahalo piha for the opportunity to testify on this measure.

DAVID Y. IGE  
GOVERNOR OF HAWAII



**STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES**

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**Testimony of  
SUZANNE D. CASE  
Chairperson**

**Before the Senate Committee on  
AGRICULTURE AND ENVIRONMENT**

**Monday, March 15, 2021  
1:00 PM  
State Capitol, Via Videoconference**

**In consideration of  
SENATE RESOLUTION 60  
REQUESTING THAT THE YEAR 2022 BE DESIGNATED AS THE  
YEAR OF THE LIMU**

Senate Resolution 60 requests that the year 2022 be designated as the Year of the Limu. This resolution acknowledges and promotes the critical role that limu plays in our natural environment and in sustaining the people of Hawai‘i. **The Department of Land and Natural Resources (Department) supports this measure.**

Traditionally, the word “limu” includes a broad range of organisms such as terrestrial moss and lichen, and even some marine zoanths. However, for the purpose of this testimony limu refers to aquatic botanical species such as algae and seagrass.

The Department has realized the decline of desirable limu species throughout the state. Currently, the Department is supporting non-government organizations in the propagation of limu species for community driven restoration projects. We are currently working with these partners to augment these activities.

Additionally, the Department has documented the proliferation of non-native algae and its detrimental impact on native benthic species such as limu and coral. In response, a decade ago the Department established an urchin hatchery. Urchins produced by the hatchery are released in areas with high concentrations of non-native algae. These urchins then feed on the non-native algae, reducing their populations.

The Department recognizes that in Hawai‘i’s modern context there is an underappreciation of limu. This resolution is an excellent opportunity to increase awareness, understanding, and appreciation of limu in Hawai‘i.

Thank you for the opportunity to comment on this measure.

**SUZANNE D. CASE**  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

**ROBERT K. MASUDA**  
FIRST DEPUTY

**M. KALEO MANUEL**  
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

**SR-60**

Submitted on: 3/12/2021 3:35:24 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Jenny Yagodich	Testifying for Malama Pupukea-Waimea	Support	No

Comments:

Aloha!

We STRONGLY support SR60 requesting that 2022 be designated as Year of The Limu. Limu (seaweed) plays a critical part in the health of our nearshore reef ecosystems and is a valuable part of a resilient ahupua'a. Due to a decline in limu abundance and a lack of general limu knowledge and awareness, designating 2022 as Year of The Limu will provide opportunities to increase overall knowledge, will result in more awareness, and will benefit Hawai'i's nearshore fisheries and all the people of Hawai'i for generations to come.

Mahalo nui.



Testimony Before The  
Senate Committee on Agriculture and Environment  
**IN SUPPORT OF SR 60**  
Hearing date: March 15, 2021, 1:00PM

Aloha Chair Gabbard, Vice Chair Nishihara and Committee Members:

We are Kevin Chang and Miwa Tamanaha, Co-Directors of Kua'āina Ulu 'Auamo (or KUA).

**KUA testifies in strong support of SR 60.**

KUA works to empower communities to improve their quality of life through caring for their environmental heritage together to better Hawai'i and achieve 'āina momona— an abundant, productive ecological system that supports community well-being.

KUA employs a community-driven approach that currently supports three statewide networks: more than 36 mālama 'āina community groups collectively referred to as E Alu Pū (moving forward together), 38 fishpond projects and practitioners called the Hui Mālama Loko I'a and a 60+ growing group of limu practitioners and kupuna called the Limu Hui. All of the networks, communities, and individuals we work with recognize the importance of limu as the foundation of the nearshore marine environment's food chain and that the decrease in our shoreline fish stocks is directly related to the decline of limu. A first step in addressing an issue and/or renewing its significance is in recognizing it as this resolution does.

One of the founding kupuna of our first network E Alu Pū, Uncle Henry Chang Wo Jr., a recognized loea limu (limu expert) grew up in Ewa Beach and personally witnessed the decline of limu there. He worked to create a Limu Management Area (LMA) in Ewa, a place legally designated for traditional limu gathering. Uncle Henry taught us that one of the main causes of the loss of limu is the loss of groundwater that once flowed abundantly along the shoreline. As the flow of groundwater decreased, limu abundance decreased. One of Uncle Henry's famous sayings was "No limu, no fish". Unfortunately, Uncle Henry passed away in 2015. He left a legacy which includes the Limu Hui, the Ewa LMA and the struggle to bring limu back to Ewa the way it once was. KUA works to perpetuate his legacy. This resolution is part of that legacy we wish he were here to testify on and help continue.

KUA supports SR 60 because having a "Year of the Limu" recognizes limu's significance to all of Hawai'i. It also uplifts the work and passion of generation of kupuna like Uncle Henry to perpetuate the deeper socio-cultural ties that bind us to these islands. We also feel this recognition will provide many opportunities to increase awareness and to educate Hawai'i's residents of the environmental and Hawaiian cultural significance of limu.

Mahalo for this opportunity to testify.

Aloha 'Āina Momona.

**SR-60**

Submitted on: 3/13/2021 8:45:59 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Travis Liggett	Testifying for Reef Power LLC	Support	No

Comments:

Aloha and mahalo for receiving this testimony.

When many people hear the word "limu," they think of the edible kind from the ocean that can be delicious to eat. There are also native Hawaiian freshwater stream limu species that possess the natural ability to clean up polluted water in a turf scrubber. Limu turf scrubbers can be used to reduce nutrient pollution in R1 reuse wastewater that is currently going into nearshore injection wells that harm reefs. Once the limu have cleaned up the reuse wastewater, we can irrigate a food agroforest growing Hawaiian native and canoe plants, instead of disposing of wastewater into nearshore injection wells that harm reefs.

Our company Reef Power LLC is working with the County of Maui, Haleakala Ranch Company, Maui Nui marine Resource Council, and Born and Raised Earth LLC, to demonstrate our limu/agroforest system in a pilot demonstration project, to prove we can stop using injection wells for wastewater disposal, and restore reefs using native freshwater stream limu and plants.

We anticipate our pilot demonstration will be validated in time to moved to a full scale system in 2022, so we strongly encourage the measure to designate 2022 as the year of the limu. We are convinced that freshwater stream limu will play a starring role in resolving Maui's injection well crisis, which has gone all the way to the Supreme Court of the United States of America.

Please learn more at:

[www.reefpowermaui.com](http://www.reefpowermaui.com)

[www.instagram.com/reefpowermaui](http://www.instagram.com/reefpowermaui)

Mahalo!

**The Kawaihapai Ohana  
Thomas T Shirai Jr – Po’o  
P O Box 601  
Waialua, HI 96791**

**March 14, 2021**

**Testimony Supporting SR 60 (Requesting that 2022 be designated as Year of the Limu)**

**Aloha Chair Gabbard and Committee Members,**

**I am testifying both as and Individual and Po’o of The Kawaihapai Ohana which is recognized by the Department of Interior’s Office of Native Hawaiian Relations as a Native Hawaiian Organization. As an individual I’m a Recognized Lineal Descendant of Kawaihapai Ahupua’a by State Historic Preservation Department (SHPD) and NAGPRA (Native American Graves Protection Act) regarding protection of Iwi Kupuna of Kawaihapai Ahupua’a. I am active in Community and Cultural Affairs of Waialua District currently serving my fourth consecutive term on the North Shore Neighborhood Board 27 for Sub-District 1 (Mokule’ia to Ka’ena). I have a total of 20 years participation with the North Shore Neighborhood Board. I am a member of the Mokule’ia Community Association and served on the Ka’ena Point Advisory Group. I’ve also served 2 terms on the Oahu Island Burial Council.**

**Both as an Individual and Po’o of The Kawaihapai Ohana I am in STRONG SUPPORT of SR60. It highly deserving this recognition and pays tribute to many individuals and organizations who have and continue in educational and restoration efforts of limu. Among those on the forefront 3 Native Hawaiian Kupuna come to mind who all have done this Kuleana and they are:**

**Dr Isabella Abbott – University of Hawaii Professor of Ethnobotany who has authored publications about Limu and Laau Lapaau (Medicinal Plants). She participated in efforts regarding Maunalua Bay.**

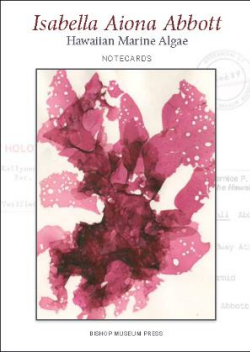
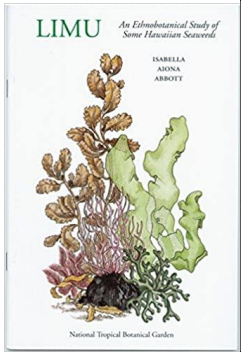
**Walter Kamana and Henry Chang Wo led efforts at Oneula Beach Park in Ewa Beach.**

**Several songs were composed about limu including Ka Uluwehi O Ke Kai by Edith Kanakaole. Limu is a food and medical source in Hawaiian Culture and SR 60 provides this recognition. Thank you for the opportunity to provide testimony support SR 60. Malama Aina.**

**Thomas T Shirai Jr**

**The Kawaihapai Ohana – Po’o**

**Recognized Lineal Descendant of Kawaihapai Ahupua’a**



**SR-60**

Submitted on: 3/14/2021 11:08:50 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kirk Deitschman	Testifying for Ke Kula Nui O Waimanalo	Support	No

Comments:

Ke Kula Nui O Waimanalo strongly supports SR 60; Requesting That The Year 2022 Be Designated As The Year Of The Limu.

We are very excited for this year of celebrate Limu.



Testimony in Support of SR60  
Requesting that the Year 2020 be Designated as the Year of the Limu  
Hearing, March 15, 2021

Senator Mike Gabbard, Chair  
Senator Clarence K. Nishihara, Vice Chair  
Members, Senate Committee on Agriculture and Environment

Thank you to Senator Fevella and all other senators who sponsored this measure and thank you for holding a hearing on this measure. In honor of those limu loa, who now sleep from season to season, who lived in Ewa Beach and nurtured the growth of limu, I submit this testimony in support of SB60.

In 2015, this legislature supported HCR119, SD1 that requested a report of recommendations to stop the decline and replenish the supply of limu and reef fish in certain areas of the Ewa Coast of O'ahu. Later that year on November 20, 2015 by DC51, the Department of Land and Natural Resources transmitted their report and recommendations.

Following that, in 2016, HB2020 HD1 was introduced calling for appropriation of general funds for the Dept of Land and Natural Resources to conduct and contract for studies to identify the causes of decline in limu and reef fish along the 'Ewa coast. On March 23, 2016, the bill passed second reading and was referred to WAM. It never got a hearing by that committee and as far as I know no subsequent action by the legislature has been taken.

Thus, while I support SR60, without meaningful action to address the decline of limu, the bill is empty, meaningless. Please, after adopting this measure, introduce an updated HB2020 for action in 2022; or even better if there is a way to get this into the budget this year, please do initiate that action.

As was noted in testimonies given in 2015 and 2016, food sustainability is a priority for this state. Limu is part of the diet of our people, especially those who live in or around 'Ewa Beach. The ocean was their refrigerator where they could fish and pinch limu for food.

Mahalo for your consideration. Please pass SR60 as a means of educating Hawaii's people on the importance of this food source.

Me kealoha pumehana

LEIMOMI KHAN

cc: Senator Fevella



**SR-60**

Submitted on: 3/12/2021 4:30:17 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Robin Kaye	Individual	Support	No

Comments:

Limu has been very important to the community of Lana'i. For an isolated island such as ours, fishing has been an invaluable lifeline — especially during a pandemic, and as we all know now, fish thrive where limu thrives. The Lana'i Limu Restoration Project, began over ten years ago by kupuna Allen Kaiakomalie, worked diligently to re-introduce limu to our reef. Long-time Lana'i residents recall the abundance of limu along this shoreline, only to see it essentially disappear. Uncle Allen's devotion to bringing limu back to our shores united the young and old, Native Hawaiian and non-Hawaiians, school children and visitors alike. Work days saw hundreds of Lanaians cleaning the shore, re-planting limu, experimenting with a variety of methodologies for limu planting and many, many educational days with Uncle and outside experts. Declaring 2022 the Year of Limu would honor his work.

**SR-60**

Submitted on: 3/12/2021 6:32:06 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kevin Chang	Individual	Support	No

Comments:

Aloha committee members,

I testify in strong support of SR 60. Please pass this as well as the similar concurrent resolution that will likely come before you.

As someone who grew up seeing, eating and picking limu on the shoreline, in the store and in the folklore, music and memory of my friends and family I think it is appropriate to recognize the significance of native limu (seaweed) as part of the ecosystems, culture and community that sustain us.

I hope with this recognition we might build on actions toward restoration, education and economy that perpetuate its significance to our community like the prior HB 2020 from the 2016 legislative session. Like others who may testify today I implore you to bring light to this issue by resurrecting that 2016 bill in 2022; hopefully by then the Year of the Limu!

Aloha

Kevin

**SR-60**

Submitted on: 3/12/2021 7:18:46 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kaapuni Aiwohi	Individual	Support	No

Comments:

One of the biggest indicators of ecological health is our esteemed limu. If we want to repair the near shore fishermen then we need to fix our limu situation. The cultural factors to acknowledge our limu makes an impact on my late grandfather who grew up diving for fish and of course the limu that goes with it.

**SR-60**

Submitted on: 3/12/2021 7:22:18 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Tina Taniguchi	Individual	Support	No

Comments:

I support SR60 and identifying the yr 2022 as "The Year of Limu".. I support this because I have recently had to harvest limu as I no longer have my dad to do so.. my grandparents ask me to gather for la'au yet I am not educated on all types of limu and I think of those who know less then me.. Limu education and recognition needs to happen. With the knowledge I do have I can say I see way more "foreign" and invasive types.. Education on how to use those types and to help nurture and protect our limu would benefit our people , ocean everything! Mahalo!

**SR-60**

Submitted on: 3/12/2021 11:21:46 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Amy Knowles	Individual	Support	No

Comments:

Please designate 2022 Year of the Limu.

**SR-60**

Submitted on: 3/13/2021 6:00:49 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Lisa Galloway, PhD	Individual	Support	No

Comments:

Limu reminds us of the importance of cycles: support the 'aina, support the people... support them both, and the reciprocity will extend to our legislators.

Mahalo for your consideration and service.



**SR-60**

Submitted on: 3/13/2021 8:07:46 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Benton Kealii Pang, Ph.D.	Individual	Support	No

Comments:

As a haumana of the ethnobotanist Dr. Isabella Abbott, I strongly support this measure. I hope with the passing of this measure that government and nonprofit agencies provide educational events throughout the year to promote the ecological, cultural and culinary importance of limu.

Kealii Pang, Ph.D.

**SR-60**

Submitted on: 3/13/2021 10:35:14 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
jan elliott	Individual	Support	No

Comments:

As an organizer of the annual HÄ• na Limu Festival,I strongly support this

measure to make 2022 the Year of the Limu.

Limu is a vital component of our shoreline ecosystems in Hawai'i .

Limu provides food and shelter for fish and other

organisms. Hawaiians and others use Limu for food and medicine.

A healthy, abundant and diverse Limu populations indicates

a healthy shoreline. Let's raise awareness about Limu!

**SR-60**

Submitted on: 3/13/2021 2:20:10 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Dana Keawe	Individual	Support	No

Comments:

I support sr60

**SR-60**

Submitted on: 3/13/2021 2:22:34 PM

Testimony for AEN on 3/15/2021 1:00:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Pueo Pata	Individual	Support	No

Comments:

Aloha, e ko ka 'Aha'Å• Ielo~

My name is Pueo Pata and I am an educator, a kumu hula, a Hawaiian language and culture consultant, and a musician from the island of Maui. I write in support of this bill with the hopes that knowledge of limu will become more valued and widespread.

Limu are some of the building blocks for the shoreline and sea communities with which the Hawaiian people have had interdependent relationships for centuries. It can be safely assumed that the communities of our ancestors thrived in no small part because of the limu they once managed to proliferation which ensured an abundance of life, food, and other resources.

In my own 45 years of existence, I have cared for limu beds in ways that my kÅ«puna and kumu taught me. I have eaten limu as food, as medicine, and I have enjoyed the fish that feed on the limu too. Unfortunately, I have also seen steep declines in limu variety and availability, due to commercial industry run-off, property mismanagement, overfishing which causes an imbalance in limu-eating species, climate change, sealevel and shoreline changes, and even after the tsunami that resulted from the tsunami that came from the TÅ• hoku earthquake in 2011.

For countless years, limu have been consistently featured in the lives of our kÅ«puna. Their nutrients helped to feed and edify our DNA. But, in my own lifetime—the heavy-scented IÅ«poa, the long fine strands of limu 'ele'ele, the toothy crunch of huluhulu waena (pakele-a-wa'a here on Maui), the crisp crunch of manaua, the spiciness of limu mÅ• ne'one'o, the juicy wÅ• wae'iolo, the tight clusters of 'a'ala'ula used to redden our chili pepper water, the slick limu IÅ«'au, the decadent limu kohu, the "pop" of limu hulumoa, or even the gelatinous limu 'aki'aki ('eleau here on Maui) when taken out of the pig in the imu—the vast majority of these limu, and more, I now only experience in my memories.

I have taken my nieces and nephews down to collect limu on several occasions, but we usually never find what we went looking for, and they have never seen the abundance that I did when I was young. They never watched the limu beds turn into nurseries for baby hammerheads, or felt the squirt from a tako trying to keep us from stepping on its

hole. They haven't had the chance to hā• hā• with hand and/or foot in murky water to feel for the right limu. All because our limu resources are in steep decline.

Instead, we see people walking their dogs ON TOP OF the paena limu, sunbathing chemical/oil sheen on the surface of limu waters, or invasive species of limu taking over. I have watched as kā•puna make their way along beaches, and then stop harvesting when they get to places where tourists are crowded just because they want to remain polite. On the flip-side, I have seen some families go out and rape limu resources prior to parties, or even to sell.

Limu are in the Kumulipo as foundational species. What would happen if we build a society, then knock its foundation completely out from under it? That's what it has been feeling like.

As I stated above, it is my hope that, should 2022 be deemed the Year of Limu, effective steps would also be taken to educate the public on its importance to our culture AND the environment, and that measures could be put into place to ensure that these resources can be restored.

I support this bill.

Me ka 'oia'ī'o a me ka ha'aha'a,

Pueo Pata

**SR-60**

Submitted on: 3/14/2021 7:17:40 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kinohi Pizarro	Individual	Support	No

Comments:

Limu. "You are what you eat." We hear it often. We rethink, reprocess, reassess and sometimes readjust our eating habits when hearing it.

What about our food and what it eats? Imagine how much more 'ono our i'a would taste if they were eating as their kĀ«puna were. Imagine if they had so much abundance to then share with us.

We often make the destructive decisions as humans to keep developing 'Ä• ina, redivert fresh water sources, and are in the mindset of take...how do we give back as communities to this food source we all treasure? How do we manifest abundance for our keiki's future and continually take from their food sources without replacing?

We need to bring awareness, put money into these efforts on a mass scale, and really change our way of protecting marine life on all levels.

Today YOU can help with the awareness! Let's make 2022 the Year of the Limu. There are some amazing things in planning to really bring limu to our great grand-children's table if we do something now. Please help us by making this happen!!! It is really important to our health and future.

**SR-60**

Submitted on: 3/14/2021 8:43:15 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Suki Burns	Individual	Support	No

Comments:

Save our Limu

Senate Committee on Agriculture and Environment  
Testimony in Favor of SR 60  
Declare 2022 as the Year of the Limu  
March 13, 2021

Aloha Chair Gabbard, Vice-Chair Nishihara and Committee Members,

My name is Wally Ito. I coordinate the Limu Hui, a statewide network of loea limu (limu experts) and people dedicated to learning about and sharing limu knowledge.

Limu is a key component of the nearshore marine ecosystem but this concept is not realized by many within our State. Loea limu have intimate knowledge of the many uses of limu. Not only for food but also for medicine and its use in many cultural and religious ceremonies.

Uncle Henry Chang Wo Jr. who was one of the founding members of the Limu Hui. He held much of the traditional limu 'ike which he freely shared with all. Uncle Henry grew up in Ewa Beach where he learned about the many uses of limu from his grandmother, mother, and aunt. As they grew older, he realized that he needed to share their knowledge with others otherwise all of their limu 'ike will be lost forever. Unfortunately, Uncle passed away almost six years ago but our Limu Hui continues Uncle Henry's legacy of limu education, limu awareness, and limu restoration.

Passing SR 60 will send a message that our State recognizes limu's importance and will trigger many limu related projects and activities which will benefit the people of our State for generations to come.

One of my favorite Uncle Henry quotes is "No Limu, No Fish".

Special mahalo to Senator Fevella for introducing this Resolution. The Senator understands much of what I have articulated above. This is the time to get others to understand also.

Please feel free to email me any questions or concerns.

Mahalo,



Wallace K. Ito  
Limu Hui Coordinator, Kua'aina Ulu 'Auamo  
wally@kuahawaii.org



**SR-60**

Submitted on: 3/14/2021 9:20:39 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
benjamin Ostrander	Individual	Support	No

Comments:

I support SR60 and that 2022 be designated the year of Limu.

Benjamin Ostrander

**SR-60**

Submitted on: 3/14/2021 11:53:46 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
LilyMarleen Utai	Individual	Support	No

Comments:

Aloha and Mahalo Nui to our Hawai'i State Legislature for all that you do for our nation.

My name is LilyMarleen Uta'ileuo and I am a child, woman, teacher, lover, caretaker, believer, and nurturer of LIMU.

LIMU has been a sustenance for our Mama Honua (Mother Earth), people and nations of the Pacific, and foundations of our food chains. Without LIMU, there would be no US!

Our world of many nations comemorate holidays celebrating historical events and honoring people that have made in impact to our society. Our South Pacific Islands provide the greatest habitat for many of our unique varities of limu (seaweed), in relation to our rich diversity of culture and traditions. Limu are the provisionaries to our mortal existence and so let us honor this powerful and amazing species in declaring 2022 as the Year of LIMU!

**SR-60**

Submitted on: 3/15/2021 9:28:45 AM

Testimony for AEN on 3/15/2021 1:00:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Marissa Abadir	Individual	Support	No

Comments:

Limu is life. E ola!

**SR-60**

Submitted on: 3/15/2021 12:57:38 PM

Testimony for AEN on 3/15/2021 1:00:00 PM



<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Present at Hearing</b>
Kanoelani Steward	Individual	Support	No

Comments:

Aloha nui,

I am writing in SUPPORT of designating 2022 as the year of the limu. Limu is a crucial part of our nearshore ecosystems as a foundation of the marine food chain and an indicator of reef and ocean health. Limu supports our fisheries and our Hawaiian diet, and also serves as a important topic of traditional ecological knowledge among generations to preserve moololo. Designating 2022 as the year of the limu will also increase the awareness to learn more about limu, its importance and its benefits to our aina and our people. Please consider supporting the designation of the year 2022 as the year of the limu.

Aloha nui,

Kanoelani Steward