



HAWAII PEST CONTROL ASSOCIATION

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March 23, 2017

Testimony To: Senate Committee on Higher Education
Senator Kaiali'i Kahele, Chair

Senate Committee on Agriculture and Environment
Senator Mike Gabbard, Chair

Presented By: Tim Lyons, CAE
Executive Director

Subject: SCR 160 – REQUESTING THAT THE UNIVERSITY OF HAWAII
PROVIDE INFORMATION TO THE LEGISLATURE ON POSSIBLE
TECHNIQUES TO ELIMINATE MOSQUITOS FROM HAWAII.

Chair Kahele, Chair Gabbard and Members of the Joint Committee:

I am Tim Lyons, Executive Director of the Hawaii Pest Control Association and we support this Resolution.

There is no doubt that mosquitos are a problem in Hawaii and they always have been. Unfortunately, we tend to think that they always will be however we don't think that we should necessarily turn a "blind eye" and give up. The purpose of this Resolution is to request the University of Hawaii to investigate techniques that can be used to eliminate mosquitos from Hawaii and the estimated cost. We would be pleased to be a part of that venture realizing that structural pest control operators necessarily must be involved in any

plan since it is typically humans that wind up creating mosquito breeding habitats and it is often the services of our members that are called in order to control those habitats.

Based on the above, we support this Resolution and encourage any effort that can be made towards the elimination of this problem.

Thank you.



Conservation Council
for Hawai'i

Hawai'i's voice for wildlife

Kō Hawai'i leo no nā holoholona lōhiu



Testimony Submitted to the Senate Committee on Higher Education
And Senate Committee on Agriculture and Environment
By the Conservation Council for Hawai'i
Hearing: Thursday, March 23, 2017 1:45 pm
Room 414

Support for SCR 160 REQUESTING THAT THE UNIVERSITY OF HAWAII PROVIDE INFORMATION TO THE LEGISLATURE ON POSSIBLE TECHNIQUES TO ELIMINATE MOSQUITOS FROM HAWAII.

Chair Kahele, Chair Gabbard, Vice Chair Kidani, Vice Chair Riviere, and Members of the Committees,

Aloha. The Conservation Council for Hawai'i supports SCR 160 requesting that the University of Hawai'i provide information to the legislature on possible techniques to eliminate mosquitos from Hawai'i.

Mosquitos are a threat to human health, as well as the continued survival of our native forest birds. Mosquitos spread avian pox and avian malaria, contributing to the extinction of native forest birds in Hawai'i.

Avian pox probably came with the Polynesians and the first chickens. It causes tumor-like lesions on the legs, feet, bills, and around the eyes of Hawaiian forest birds, impairing the birds' ability to forage, eat, and ultimately survive.

We don't know when avian malaria arrived. It is deadly to most Hawaiian forest birds. Infected birds become anemic and lethargic, and die of low blood-oxygen levels.

One or two native bird species may be developing tolerance or resistance to these diseases, but many are not. 'Iwi are especially vulnerable to avian diseases. As sea surface and air temperatures rise, the distribution of mosquitoes, currently limited by temperature, will spread to higher elevations, bringing disease to the last refuge of our rarest and most endangered forest birds. Kaua'i forest birds will probably go extinct because they already occupy the highest elevation forests on the island. For more information on Hawai'i's native forest birds, please visit our website at www.conservehi.org/images/posters/Forest_bird_poster.pdf.

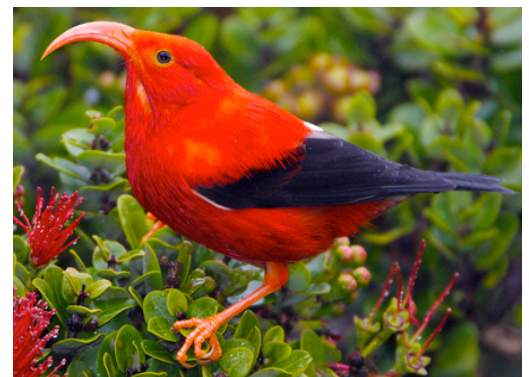
Eliminating mosquitos in our native forests is one of the most important things we can do to prevent additional forest bird extinctions. Please adopt SCR 160. Mahalo nui loa for the opportunity to testify.

Marjorie Ziegler

Marjorie Ziegler



'Amakihi with avian pox lesions.
'Iwi photo by Jack Jeffrey



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SCR160

Submitted on: 3/21/2017

Testimony for HRE/AEN on Mar 23, 2017 13:45PM in Conference Room 414

Submitted By	Organization	Testifier Position	Present at Hearing
Javier Mendez-Alvarez	Individual	Support	No

Comments:

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SCR160

Submitted on: 3/21/2017

Testimony for HRE/AEN on Mar 23, 2017 13:45PM in Conference Room 414

Submitted By	Organization	Testifier Position	Present at Hearing
Richard Mizusawa	Individual	Support	No

Comments:

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SCR160

Submitted on: 3/20/2017

Testimony for HRE/AEN on Mar 23, 2017 13:45PM in Conference Room 414

Submitted By	Organization	Testifier Position	Present at Hearing
Benton	Individual	Support	No

Comments:

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SCR160

Submitted on: 3/20/2017

Testimony for HRE/AEN on Mar 23, 2017 13:45PM in Conference Room 414

Submitted By	Organization	Testifier Position	Present at Hearing
Dennis Kleid	Individual	Support	No

Comments: Dennis G Kleid, Ph.D. Organic Chemistry - Molecular Biology researcher 1972-2010, retired. Kihei, Maui, HI 967563 The promise of eliminating mosquitos, and to do so without pesticide chemicals is incredible. Please follow up on this strategy.

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