STAND. COM. REP. NO.

122

Honolulu, Hawaii

MAR 2 9 2017

RE: S.C.R. No. 160 S.D. 1

Honorable Ronald D. Kouchi President of the Senate Twenty-Ninth State Legislature Regular Session of 2017 State of Hawaii

Sir:

Your Committees on Higher Education and Agriculture and Environment, to which was referred S.C.R. No. 160 entitled:

"SENATE CONCURRENT RESOLUTION REQUESTING THAT THE UNIVERSITY OF HAWAI'I PROVIDE INFORMATION TO THE LEGISLATURE ON POSSIBLE TECHNIQUES TO ELIMINATE MOSQUITOS FROM HAWAII,"

beg leave to report as follows:

The purpose and intent of this measure is to request that the University of Hawaii investigate mosquito elimination techniques, the estimated cost of establishing a statewide mosquito eradication program, and the expected environmental impacts of such a program.

Your Committees received testimony in support of this measure from the Hawaii Pest Control Association, Conservation Council for Hawai'i, and four individuals. Your Committees received comments on this measure from the University of Hawai'i System, Department of Land and Natural Resources, and two individuals.

Your Committees find that mosquitos are not native to Hawaii and were introduced to the State in the late 1800s. Your Committees further find that mosquitos are a threat to human health, and without sufficient eradication efforts mosquito-borne diseases, such as dengue fever and zika virus, are likely to become established in Hawaii. Your Committees additionally find



that the continued survival of the State's native forest birds also requires mosquito control and elimination.

Your Committees recognize that a Statewide Mosquito Working Group exists and is facilitated by the Department of Land and Natural Resources, and that multiple units of the University of Hawaii and other state agencies are invested in mosquito eradication research and efforts. Additionally, your Committees note that mosquito elimination techniques can be tailored, to the extent possible, to target strains of mosquitos that pose threats to human health and native animals.

Accordingly, your Committees have amended this measure by:

- Deleting language about specific mosquito eradication techniques and making references to mosquito elimination techniques more general;
- (2) Inserting a provision indicating that the Department of Land and Natural Resources currently facilitates a Statewide Mosquito Working Group comprised of state and federal agencies and institutions that contribute to mosquito surveillance, control, and research;
- (3) Inserting language to request that the University of Hawaii collaborate with the Department of Land and Natural Resources to study mosquito elimination rather than the College of Tropical Agriculture and Human Resources at the University of Hawaii at Manoa and the College of Agriculture, Forestry, and Natural Resource Management at the University of Hawaii at Hilo;
- (4) Inserting language to include consideration of organic methods of mosquito control; and
- (5) Making technical, nonsubstantive amendments for the purposes of clarity and consistency.

As affirmed by the records of votes of the members of your Committees on Higher Education and Agriculture and Environment that are attached to this report, your Committees concur with the intent and purpose of S.C.R. No. 160, as amended herein, and



STAND. COM. REP. NO. 227

recommend that it be referred to your Committee on Ways and Means, in the form attached hereto as S.C.R. No. 160, S.D. 1.

MIKE GABBARD, Chair

Respectfully submitted on behalf of the members of the Committees on Higher Education and Agriculture and

Environment, Chair



The Senate Twenty-Ninth Legislature State of Hawai'i

Record of Votes Committee on Higher Education HRE

| Bill / Resolution No.:* | Committee Referral: | | | Date: | | | | |
|-------------------------------------------------------------------------------|------------------------|-----|----------|-------|---------------------------------------|--|--|--|
| SCR 160 | HRE/AEN, WAM 3/23/2017 | | | | | | | |
| The Committee is reconsidering its previous decision on this measure. | | | | | | | | |
| If so, then the previous decision was to: | | | | | | | | |
| The Recommendation is: | | | | | | | | |
| Pass, unamended Pass, with amendments Hold Recommit 2312 2311 2310 2313 | | | | | | | | |
| Members | | Aye | Aye (WR) | Nay | Excused | | | |
| KAHELE, Kaialiʻi (C) | | ~ | | | | | | |
| KIDANI, Michelle N. (VC) | | V | | | | | | |
| ESPERO, Will | | | | | | | | |
| KEITH-AGARAN, Gilbert S.C. | | | | - | | | | |
| TANIGUCHI, Brian T. | · | | | | | | | |
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| TOTAL | | 4 | | | 1 | | | |
| Recommendation: | | | | | | | | |
| Adopted Not Adopted | | | | | | | | |
| Chair's or Designee's Signature: | | | | | | | | |
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| Distribution: Original Yellow Pink Goldenrod | | | | | | | | |
| File with Committee Report Clerk's Office Drafting Agency Committee File Copy | | | | | | | | |

*Only one measure per Record of Votes

The Senate Twenty-Ninth Legislature State of Hawai'i

Record of Votes Committee on Agriculture and Environment AEN

| Bill / Resolution No.:* | Committee Referral: | | | Date: | | | | |
|------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------|----------|-----------------------------------------|--------------|--|--|--|
| SCR 160 | HRE/AEN, WAM | | | 3/23/17 | | | | |
| The Committee is reconsidering its previous decision on this measure. | | | | | | | | |
| If so, then the previous decision was to: | | | | | | | | |
| The Recommendation is: | | | | | | | | |
| Pass, unamended X Pass, with amendments Hold Recommit 2312 2311 2310 2313 | | | | | | | | |
| Members | | Aye | Aye (WR) | Nay | Excused | | | |
| GABBARD, Mike (C) | | \times | | | | | | |
| RIVIERE, Gil (VC) | | X | | | | | | |
| NISHIHARA, Clarence K. | | | | | X | | | |
| RHOADS, Karl | | X | | | | | | |
| RUDERMAN, Russell E. | | | | | \mathbf{X} | | | |
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| TOTAL | | 7 | 0 | д | 2 | | | |
| Recommendation: | | | | | | | | |
| Chair's or Designee's Signature: | | | | | | | | |
| Distribution: Original Yellow Pink Goldenrod File with Committee Report Clerk's Office Drafting Agency Committee File Copy | | | | | | | | |

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