A BILL FOR AN ACT

RELATING TO INVASIVE SPECIES.

BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:

- 1 SECTION 1. The legislature finds that Anemonia majano, or
- 2 the majano anemone, is an invasive species that was detected in
- 3 Kaneohe Bay during the follow-up monitoring of a previous non-
- 4 native coral removal site. Majano anemone, originally
- 5 introduced as a hitchhiker on the released non-native corals,
- 6 has spread to blanket an area of about nine hundred fifty square
- 7 yards. This invasive anemone severely threatens Kaneohe Bay's
- 8 delicate coral reef ecosystem, particularly the endemic finger
- 9 coral Porites compressa. Known for its rapid growth and spread
- 10 throughout various substrates, aggressive competition for space,
- 11 and ability to smother native coral species, the majano anemone
- 12 has previously outcompeted stony corals in the Philippines and
- 13 Vietnam, resulting in phase shifts to corallimorpharia-dominated
- 14 communities. Left unchecked, the majano anemone could
- 15 significantly degrade reef health and fish habitat, harm marine
- 16 biodiversity, and disrupt vital ecosystem services relied upon
- 17 by the coastal communities in Hawaii.



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- 1 The legislature further finds that the department of land
- 2 and natural resources' division of aquatic resources has
- 3 proposed a multi-phase removal strategy tailored to the biology
- 4 of the majano anemone that involves chemical control and
- 5 physical removal and smothering practices. Supporting these
- 6 efforts may prevent further damage and spread of the majano
- 7 anemone, ensuring that the State's coral reefs and marine
- 8 ecosystems remain health and vibrant.
- 9 The purpose of this Act is to appropriate funds to support
- 10 the efforts of the division of aquatic resources in the removal
- 11 of the majano anemone from Kaneohe Bay.
- 12 SECTION 2. There is appropriated out of the general
- 13 revenues of the State of Hawaii the sum of \$200,000 or so much
- 14 thereof as may be necessary for fiscal year 2025-2026 and the
- 15 same sum or so much thereof as may be necessary for fiscal year
- 16 2026-2027 to support the division of aquatic resources in
- 17 removing majano anemone from Kaneohe Bay, including personnel,
- 18 materials and equipment, data management and analysis, and
- 19 outreach and community engagement.
- The sums appropriated shall be expended by the department
- 21 of land and natural resources for the purposes of this Act.



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1 SECTION 3. This Act shall take effect on July 1, 2025.

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INTRODUCED BY:

JAN 2 2 2025

H.B. NO. 1220

Report Title:

Kaneohe Bay; Majano Anemone; Invasive Species; DLNR; Division of Aquatic Resources; Appropriation

Description:

Appropriates funds to support the efforts of the Division of Aquatic Resources in the removal of the majano anemone from Kaneohe Bay.

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