H.B. NO. <sup>2202</sup> H.D. 1

## A BILL FOR AN ACT

RELATING TO STATE SYMBOLS.

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

1 SECTION 1. The legislature finds that, in 1960, the kukui 2 tree was designated as the official tree of the State. The 3 legislature today continues to recognize the important cultural 4 significance and many uses of the kukui in Hawaii. The 5 legislature also recognizes the unique cultural, ecological, and economic importance and threats to the 'ōhi'a lehua (Metrosideros 6 7 polymorpha) in Hawaii. As an endemic species, it is only found in the Hawaiian Islands. 8

9 The legislature further finds that 'ohi'a lehua is a 10 keystone species of Hawaii's native forests. 'Ōhi'a is endemic 11 to Hawaii's six largest islands and it occurs in a variety of 12 forms from sea level to over eight thousand feet in elevation, 13 in bogs to deserts. Forests dominated by 'ohi'a are home to at 14 least twenty-two extant species of forest birds, many of which 15 rely on the abundant nectar of the lehua blossoms. The Hawaiian 16 hoary bat and many of Hawaii's remaining native plants and 17 invertebrates also make their home in 'ohi'a forests. 'Ohi'a is

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very efficient at capturing water from the air and from rainfall
 which allows fresh water to slowly seep into the ground, making
 it essential to the recharge of state aquifers and overall
 ecosystem health from the mountains to the sea.

5 The legislature additionally finds that there are many oli 6 (chants), mele (songs), and hula (dances) relating to 'ohi'a, and 7 of the sayings compiled in 'Olelo No'eau (Hawaiian Proverbs and 8 Poetical Sayings) by the renowned Hawaiian scholar Mary Kawena 9 Pukui, only the hala exceeds 'ōhi'a lehua in the number of sayings recorded. 'Ōhi'a lehua blossoms are iconic, symbolizing 10 11 Pele's fire, the blood of warfare, and the bounty of a generous 12 chief. The beautiful and brilliant flowers make prized lei and are featured in art and clothing design. Historically, the wood 13 14 of 'ōhi'a was preferred for papa ku'i 'ai (poi boards) and was 15 used to make tools and weapons. It is still regarded as a high-16 quality wood for construction and furniture.

17 The legislature also finds that, while the ecological and 18 cultural importance of 'ōhi'a lehua is worthy of recognition and 19 appreciation, 'ōhi'a is under threat, including from diseases 20 such as a fungal pathogen called rapid 'ōhi'a death. Rapid 'ōhi'a 21 death has already killed over one million 'ōhi'a trees on the



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island of Hawaii. In recognition of the importance of
 protecting 'ōhi'a, new state and federal regulations have been
 adopted restricting the importation of close relatives of 'ōhi'a,
 plants in the myrtle family, to prevent new strains of 'ōhi'a
 diseases from entering Hawaii. Climate change, other invasive
 species, and other environmental pressures will no doubt pose
 additional threats to 'ōhi'a in the future.

8 The purpose of this Act is to designate 'ōhi'a lehua as the 9 state endemic tree in order to recognize its cultural and 10 ecological importance and raise awareness of the critical 11 threats to 'ōhi'a with the hope that this awareness will result 12 in effective conservation and healthy 'ōhi'a forests across the 13 Hawaiian Islands.

SECTION 2. Chapter 5, Hawaii Revised Statutes, is amended by adding a new section to be appropriately designated and to read as follows:

17 "<u>\$5-</u> <u>State endemic tree.</u> '<u>Ōhi'a lehua (Metrosideros</u>
18 polymorpha) is adopted, established, and designated as the
19 <u>official endemic tree of the State, to be effective so long as</u>
20 <u>the legislature of the State does not otherwise provide.</u>"
21 SECTION 3. New statutory material is underscored.



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1	SECTION 4.	This Act shall take effect on July 1, 2044.	•
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Report Title: Ohia Lehua; State Symbols; Endemic Tree

**Description:** Designates ohia lehua as the state endemic tree. Effective 7/1/2044. (HD1)

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