



# The Lobe Crab: An Indigenous Knowledge Perspective



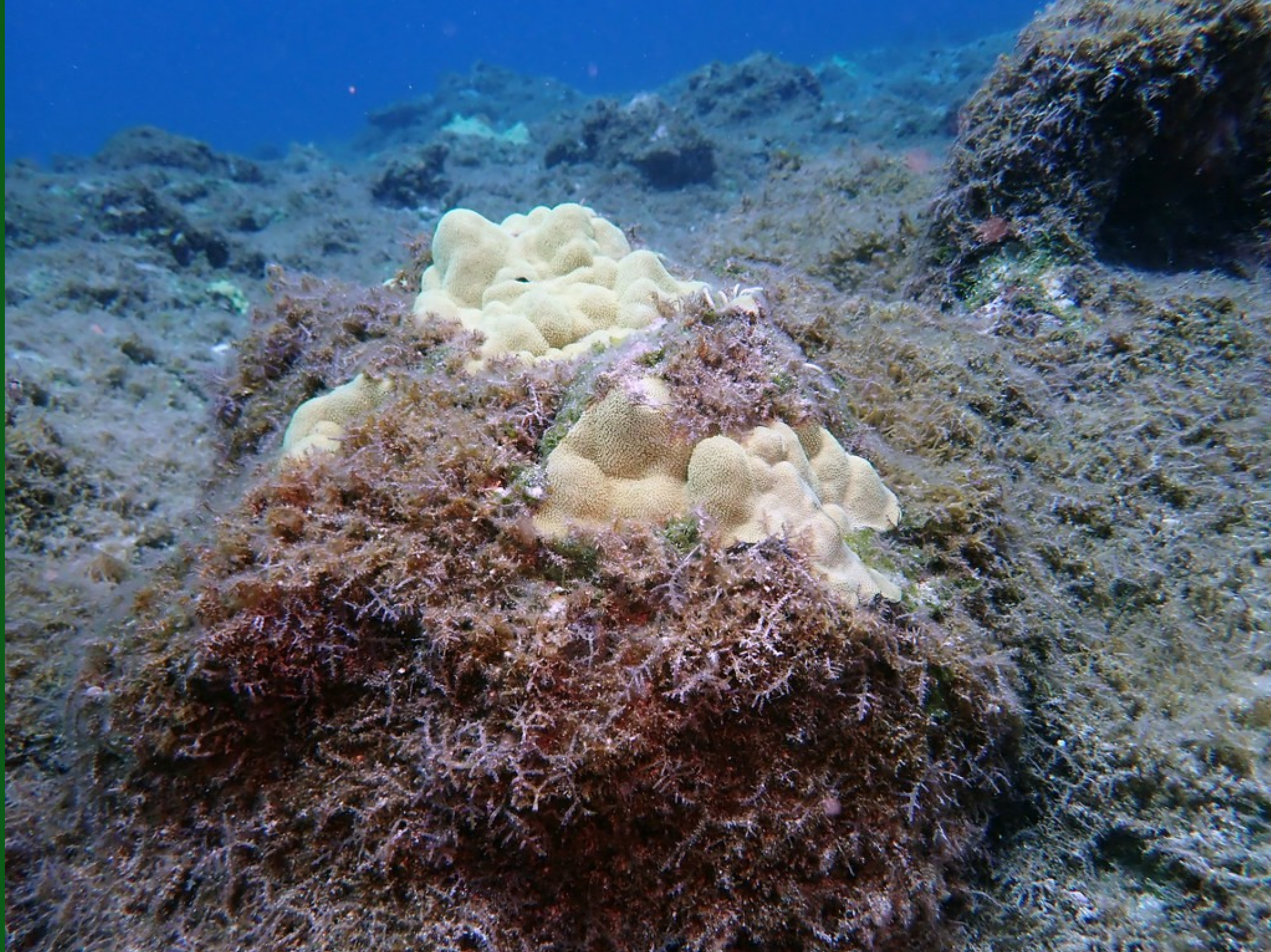
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TLPL285

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## Introduction

Most of our knowledge on environmental issues stems from Western science. However, Indigenous people have been learning about how to live with our natural environment for thousands of years, and their knowledge can be just as valid.



"Chondria growing over lobe coral." by Heather Spalding of the College of Charleston" (<https://charleston.edu/biology/faculty/spalding-heather.php>) is licensed under CC BY-NC 2.0.

## Site Information:

Name: Decolonizing Climate Change Education: Fostering Inclusivity, Equity, and Holistic Understandings

Address: 1140 Plant Sciences Building, 4291 Fieldhouse Drive, College Park, MD, 20742

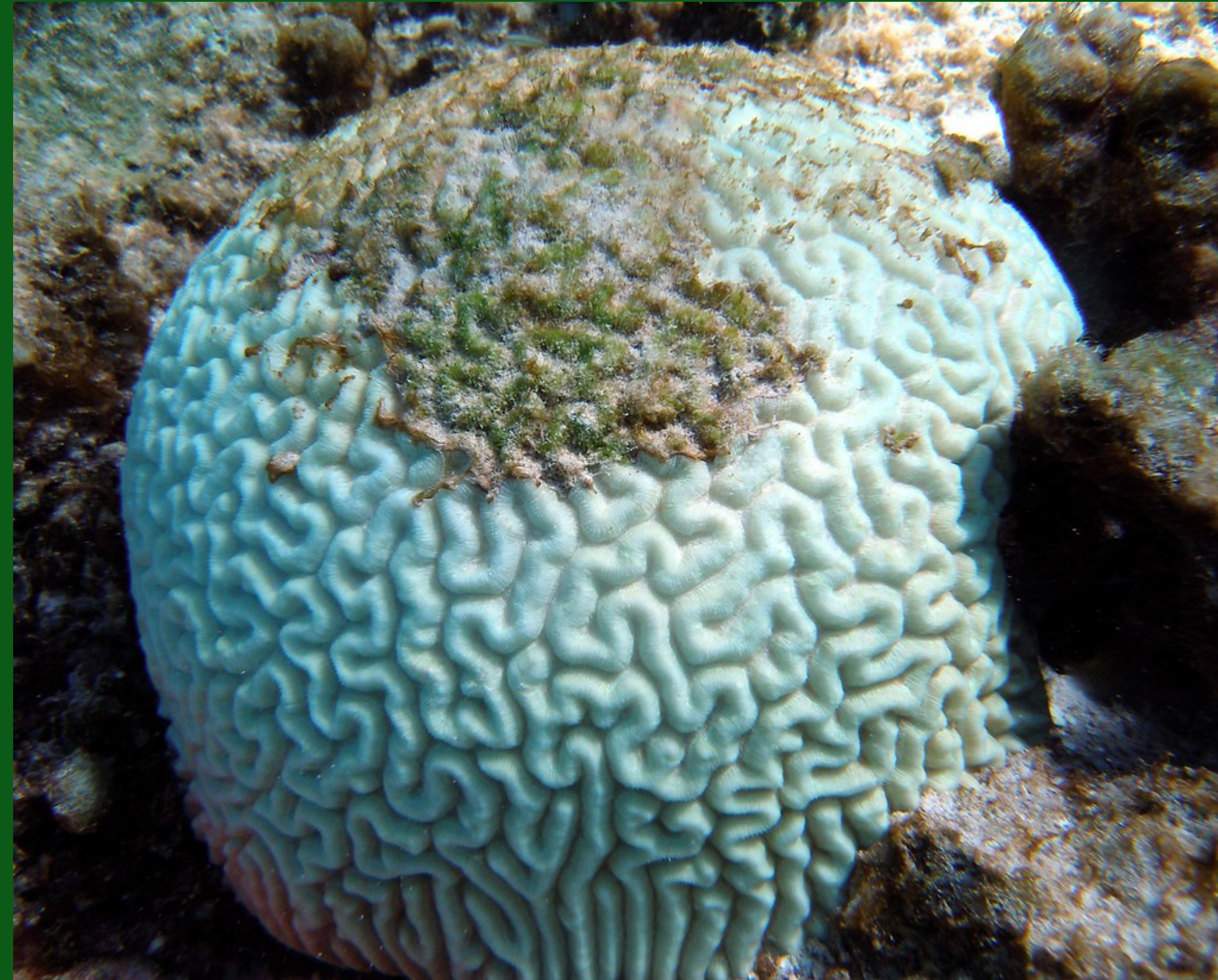
Your supervisor: Amy Green (amygreen@umd.edu), <https://education.umd.edu/directory/amy-green>

The site mission: To look at research and solutions related to global warming from a Western scientific and Indigenous knowledge based perspective.

The particular goals of the site you were at: To analyze how global warming has affected the lobe coral population and the effects of that on the Hawaiian ecosystem and on the Indigenous peoples of Hawaii.

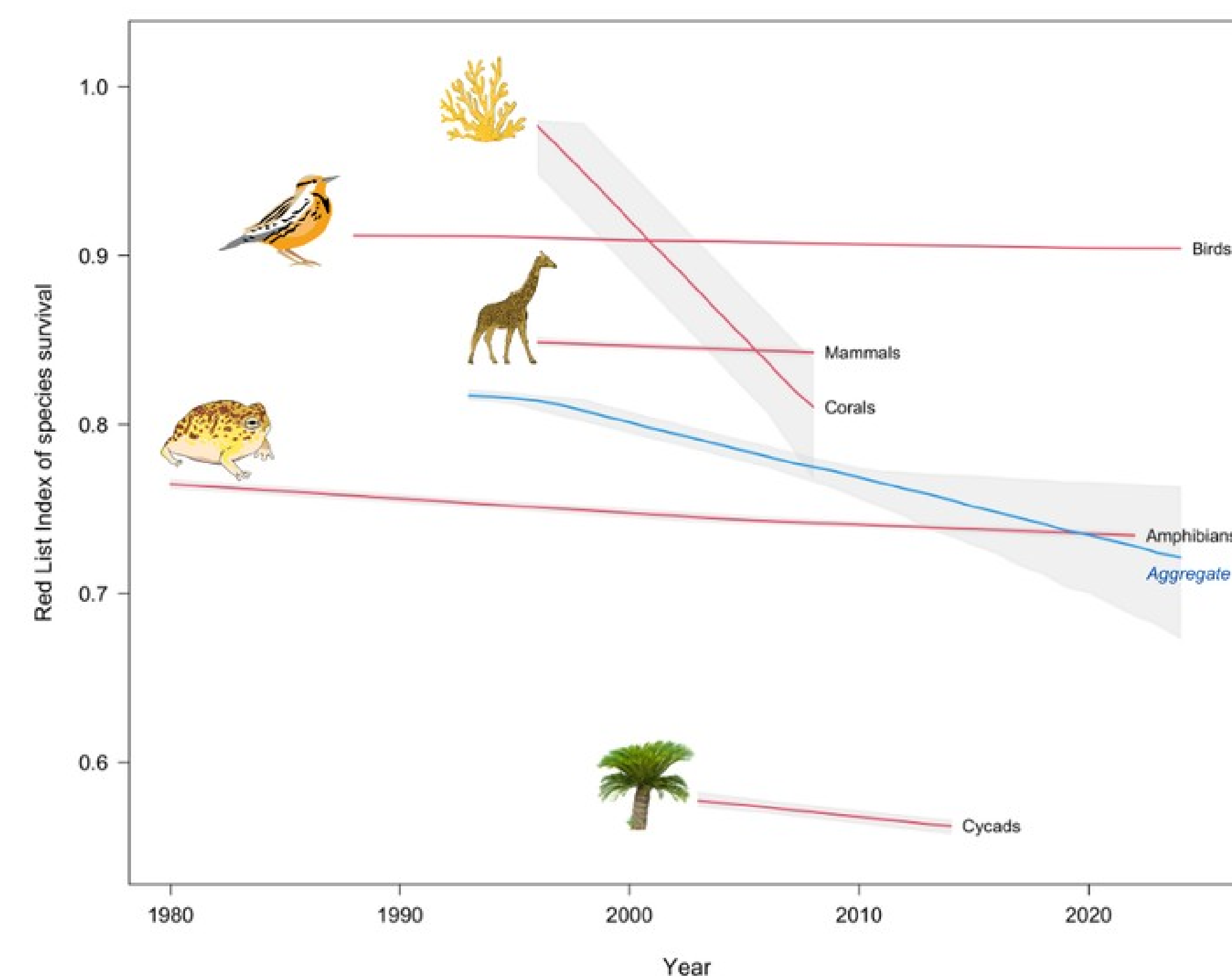
Materials and Methods: I used internet sources such as the National Oceanic and Atmospheric Administration, Leah Sarnoff and Daniel Manzo of ABC International, and others, which described the impacts of global warming on lobe corals and lobe corals' impact on native Hawaiians.

## Results:



"Coral Bleaching" by NOAA's National Ocean Service (<https://oceanservice.noaa.gov>) is public domain.

Source: IUCN Red List (<https://www.iucnredlist.org/assessment/red-list-index>)



## Discussion:

Native Hawaiians, who revere the coral to the point where they see it as the source of all life, are hit hard both economically and spiritually. They, however, still face challenges in being accepted for biodiversity projects related to said reefs. Further research from Native Hawaiians is necessary to get as broad of an understanding as possible on the lobe coral.

## Acknowledgments:

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