

Plan Overview

A Data Management Plan created using DMPTool

DMP ID: <https://doi.org/10.48321/D1M33Q>

Title: Dead or Alive

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Funder: Tetiaroa Society

Template: Tetiaroa Field Station

Project abstract:

Understand the impacts that live vs dead corals have on species biodiversity.

Start date: 02-07-2023

End date: 02-07-2023

Last modified: 01-18-2024

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Dead or Alive

- 1) Prior Criobe researcher Jules Schilgler placed 10 live corals and 10 dead corals at the mouth of Opunohu Bay. These corals were zip tied onto labeled PVC plates and concrete slabs.
- 2) After 1 week, 2 groups of 10 UC Berkeley students arrived at the site
- 3) Students took pictures of the corals underwater, then collected the corals into buckets
- 4) The corals were individually shaken in larger buckets of saltwater, filtered, and netted to remove the majority of the wildlife
- 5) The corals were then soaked in a clove oil and saltwater solution, temporarily anesthetizing remaining specimen.
- 6) Specimen from each coral was placed into individual labeled smaller containers
- 7) Specimen were placed into a clean flow table with aerators to keep species alive
- 8) Photos of specimen were taken in order to document data
- 9) Specimen were identified and quantified using fish identification books and expert knowledge
- 10) Data and photos were transferred to Excel File with all 20 specimen.

- No
- Yes
- Yes

Numerically labeled buckets and coral heads.

Understanding how coral health affects biodiversity

The specimen identification might not be correct because it was completed by under-experienced students, so implementing a disclaimer would be helpful in data sharing

Photos of the data collection and specimen collection which accompany the data

Anyone can use this data

There is no sensitive data

- No

Question not answered.

Question not answered.

Question not answered.

Question not answered.

The Excel Spreadsheet is of long term value and should be retained.

Planned Research Outputs

Dataset - "Dead or Alive"

Excel Spreadsheet with each coral number, notes whether coral is dead or alive, and corresponding species found in the coral

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Dead or Alive	Dataset	Unspecified	Open	None specified		None specified	None specified	No	No