



The effects of fishing pressure on targeted and untargeted fish behaviors

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Rasster lab logo

Introduction



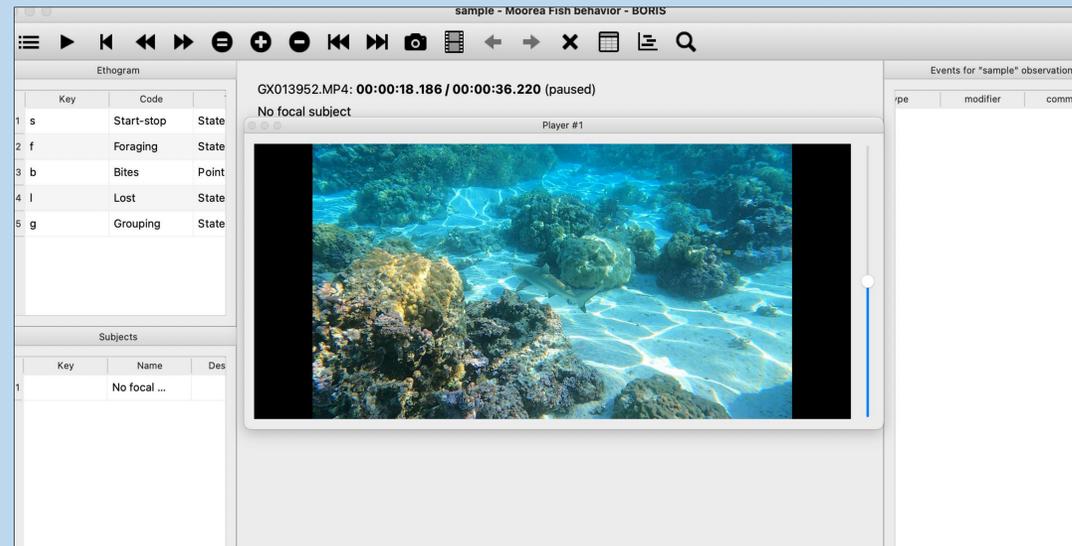
Fishing has been a practice for thousands of years on coral reefs; however, the pressure it causes on reef organisms is not yet fully understood. While much research has been done on how fishing can alter assemblages of targeted species, relatively little attention has been given to changes in fish behavior.

Location moorea

What type of fishing is it

Methods

TEXT



Description table of the behaviors

Summary Table of # fish per site

Results

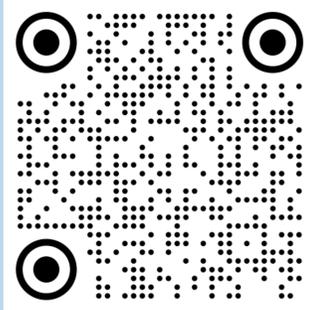
boxplot

TEXT

boxplot

Preliminary results show no significant difference in foraging behaviors of either species between sites, regardless of fishing pressure. There were differences in behavior between the targeted and untargeted species, with the non-targeted species spending more time foraging and less time spent in groups.

QUESTION AND HYPOTHESIS



Ctenochaetus striatus, a less fished surgeonfish

Discussion & Future Directions

Photo of fishing tracks

TEXT

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REFERENCES

Eggersten, M., et al. 2020. Seascape Configuration and Fine-Scale habitat Shape Parrotfish Distribution and Function Across a Coral Reef Lagoon. Biodiversity and Ecology of Herbivorous fish. 12(10), 291.