

BFISH: Behind the Scenes of Food Security and Kanaka Autonomy

Deep 7 Species



Lehi or Silverjaw Snapper



Gindai or Brigham's Snapper



Onaga or 'Ula'ula koae or Longtail Red Snapper



Hapu'upu'u or Hawaiian Grouper



Opakapaka or Pink Snapper



Kalekale or Von Siebold's Snapper



Ehu or Squirrelfish Snapper

What?

The BFISH (Bottomfish Fisheries-Independent Survey in Hawai'i) is used by the National Oceanic and Atmospheric Administration to keep federal stock on the Hawai'i Deep 7 Bottomfish species.

Where?

The BFISH is taken throughout the Hawaiian Island chain.

Why?

The Deep 7 are Hawai'i's most desired and sought after fish in the bottomfish fishery. Managing the Deep 7 catch rate will:

- Aid in local food security
- Lower CO2 emissions
- Empower local fishermen/business owners
- Further Hawaiian sovereignty

A study done in 2016 tested which species of bottomfish are targeted the most by various fishing vessels and it was found that Deep 7 covered 90% of the targeted catch, specifically Opakapaka (62.5%), Ehu (11.9%), and Onaga (10%). This shows the importance of maintaining a harvest rate that aligns with sustainable Hawaiian fishing practices.

Fish Caught from March 2016-November 2016

Langseth et al., 2018

- Deep 7 Bottom Fish
- Other Fish

