

Near-Island Enhancement in Mesopelagic Micronekton Communities

Francis et al. (2020) [@BH_Francis](#)

24km

4km

Proximity to west coast of Hawai'i, a region known for high primary production and nearshore aggregations of cetaceans and large pelagic fishes, results in increased biomass and abundance, and different community composition of mesopelagic micronekton at 500m.

265%
biomass
nearshore ↑

266%
abundance
nearshore ↑

500m

Mesopelagic: vertical division of the ocean between 200 - 1000 metres

Micronekton: fish, shrimp and squid between 2 - 20 cm in length

