

Substrate preference of *Cyclopterus lumpus* (lumpfish) between natural and artificial substrates

Cyclopterus lumpus (lumpfish) were observed to see if there was a preference between artificial and natural substrates. Substrates used included two natural substrates, *Laminaria longicruris* (kelp) and a rock, and two artificial substrates, a piece of brown tarp and an aluminum can. Although there was a mixed preference between the natural and artificial substrates, it was observed that lumpfish preferred substrates with textured surfaces. Lumpfish may not prefer natural or artificial substrates, but may prefer specific textures of substrates.

Advisor: Ann Cleveland