

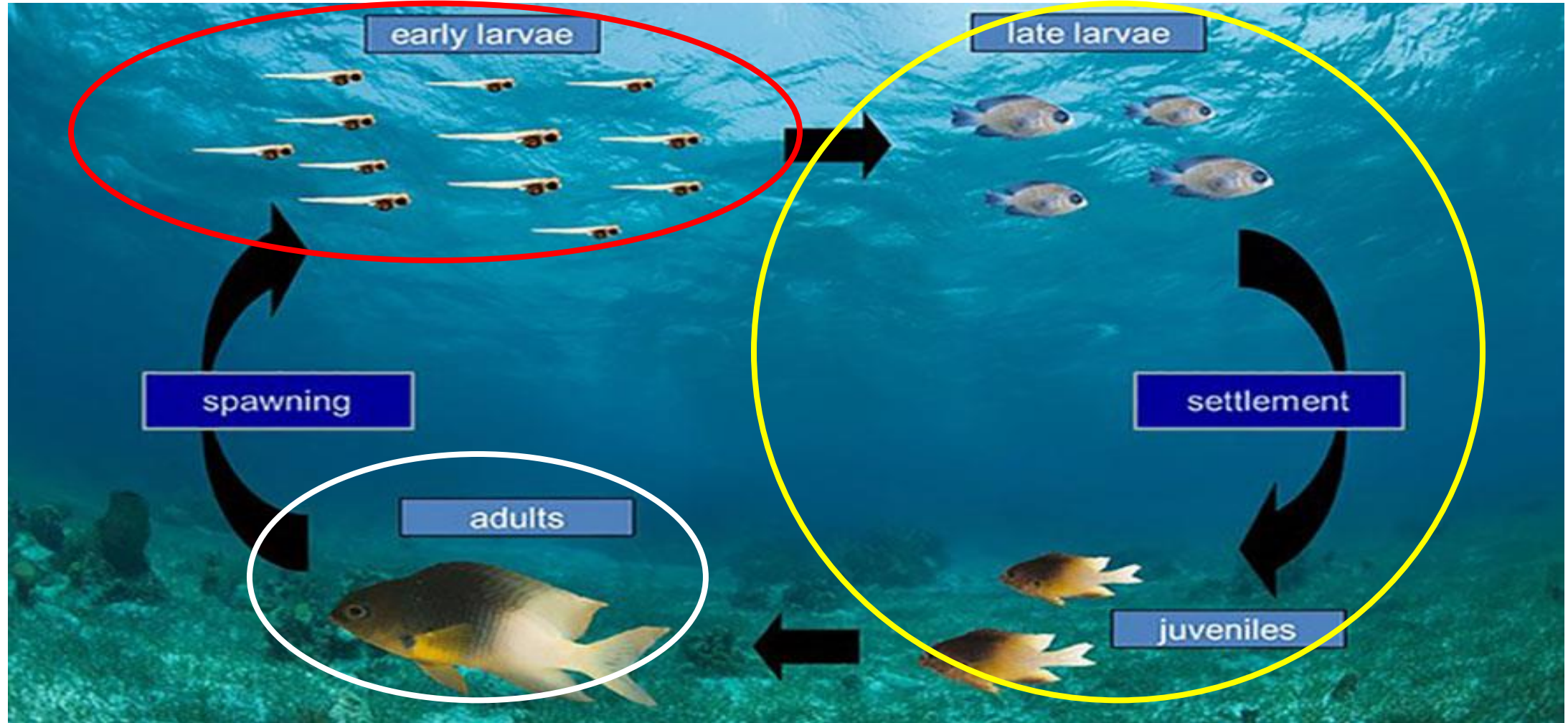


Ecosystem Approach to Hawai'i Coastal Fishery Management

Bob Nishimoto
MACZAC- East Hawai'i

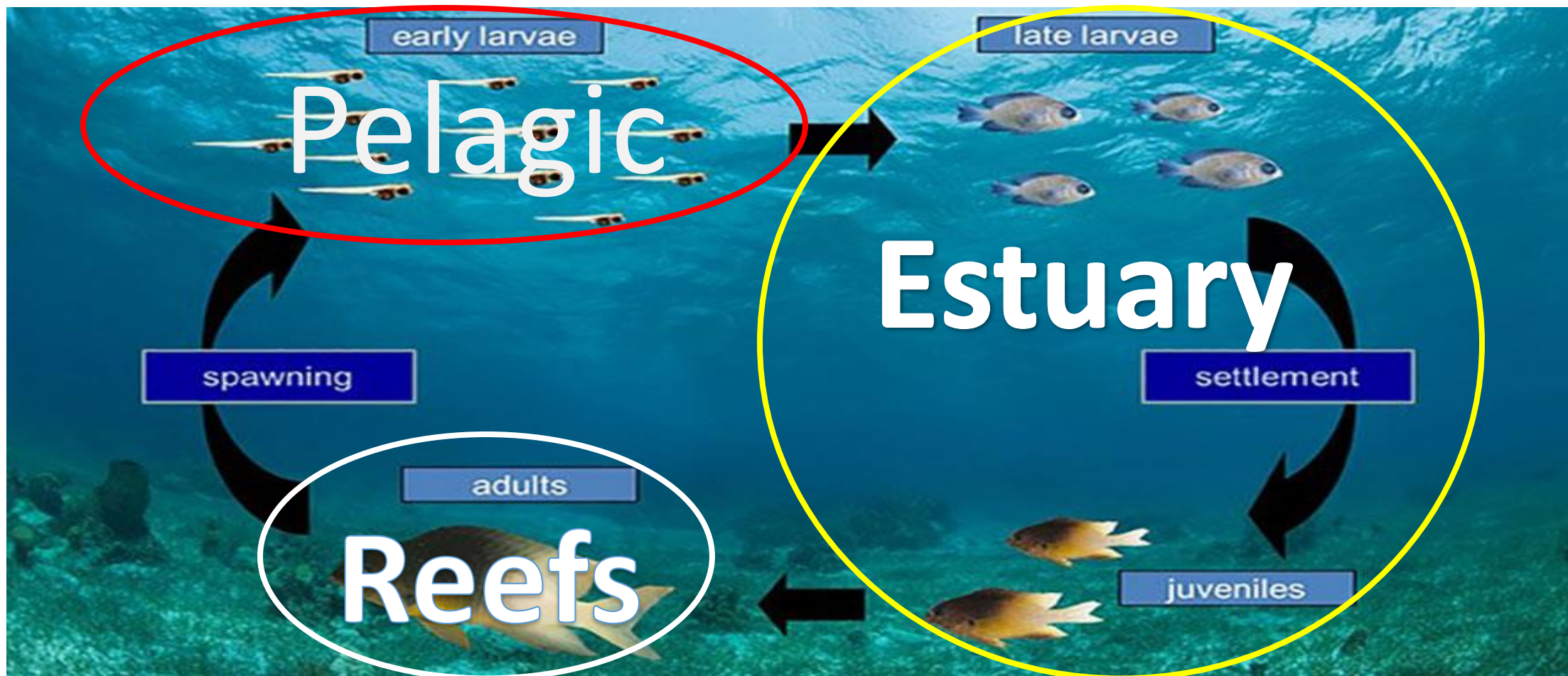
Multi-Phase Ontogeny

Life History Strategy of Coastal Fishes



Multi-phase Ontogeny

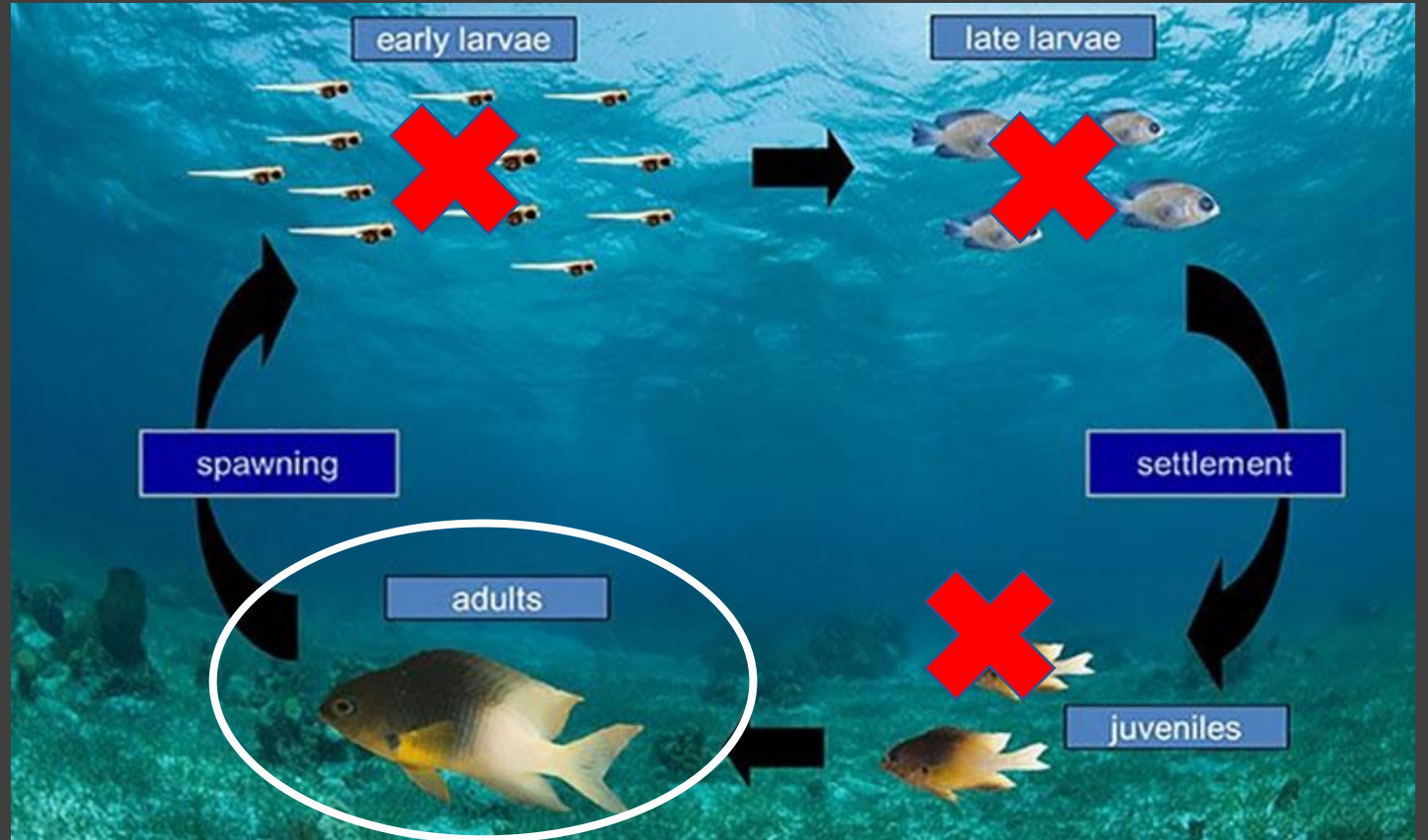
Habitat Partitioning





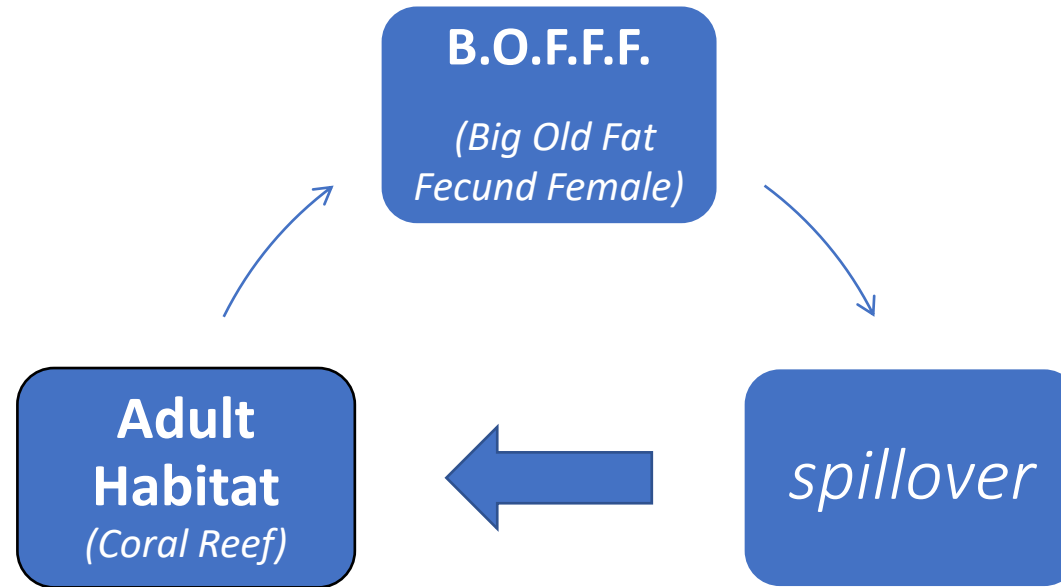
Holomua 30X30

limited to diver visual
census on coral reefs



Focus primarily on adult fish

The Fallacy of 'Holomua 30x30'



Marketing, not Management of Coastal Resources

Area closure to fishing will rejuvenate fish stocks: an empty promise

1. Waikiki-Diamond Head FMA

-subsidized **public overfishing** leading to declining fish stocks

2. Kaupulehu Marine Reserve

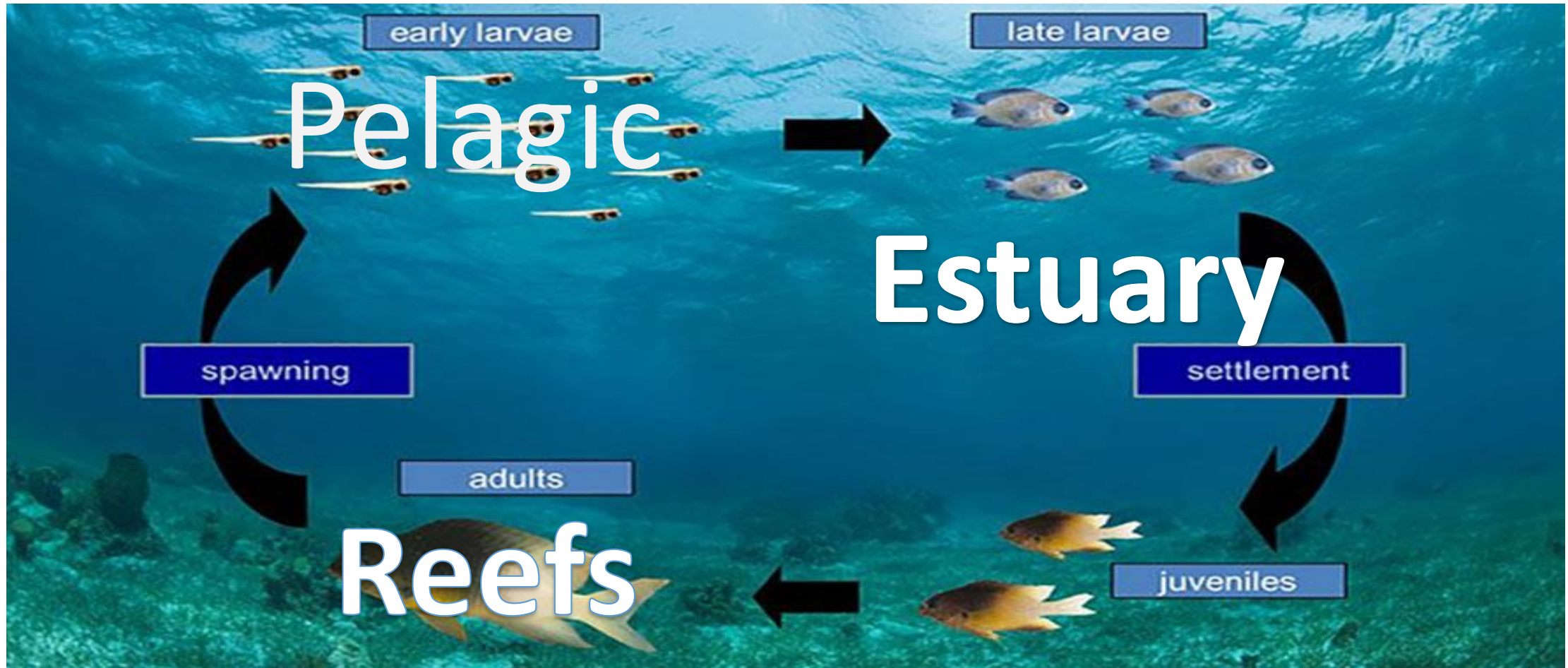
-plans to allow fishing since **too many big fish and opihi**

-instead, consider replanting new recruits

3. Milolii-Ho'okena Fishermen Working Group

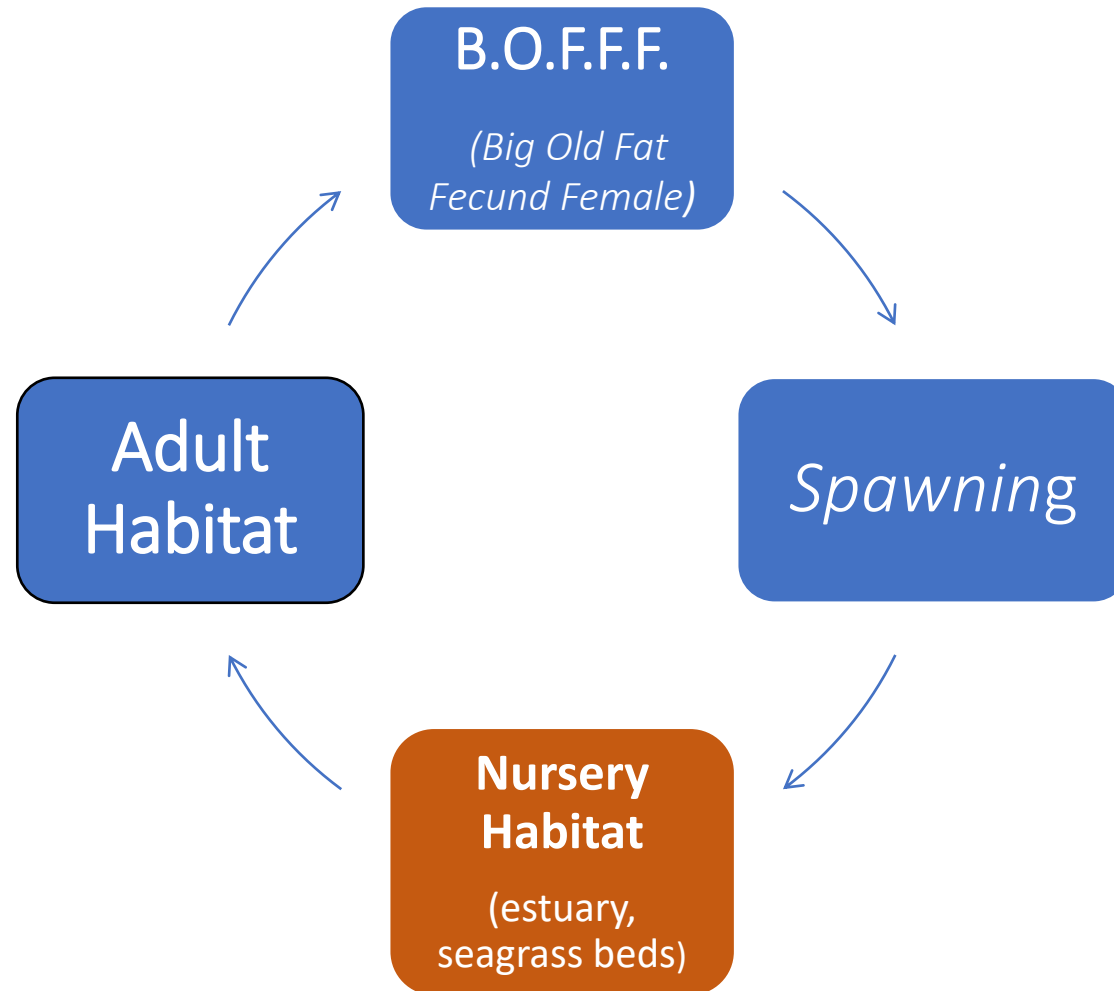
-falsehood that area closure will restore the local **aku school**
(skipjack tuna)

Strategic Management of our Coastal Fisheries Using Multi-phase Ontogeny



ORMP 2020

Mauka to Muliwai to Makai



MACZAC Challenge

Fishing Public is asking;

Is *Holomua 30x30* the State's Strategy on Hawai'i Coastal Fishery Management?

Then what is *ORMP 2020*?

What does it do for us?

Action

Where do we go?

1. Take *ORMP2020* “on the road” with public information, first focusing on fishers.
2. Identify and develop partnerships with community environmental groups restoring streams, wetlands, estuaries, ancient fishponds.

Outcome

What can *ORMP 2020* do for you;

1. Respects Hawaiian perspective of '*Mauka-Muliwai-Makai*'
2. Focus on nursery habitat (estuary) degradation, not overfishing, will gain both fisher support and community partnerships
3. Meets DLNR (DOFAW+CWRM+DAR) vision;

“Native Forest  Natural Stream Flow  Momona Ocean”

Malo 'Aupito

