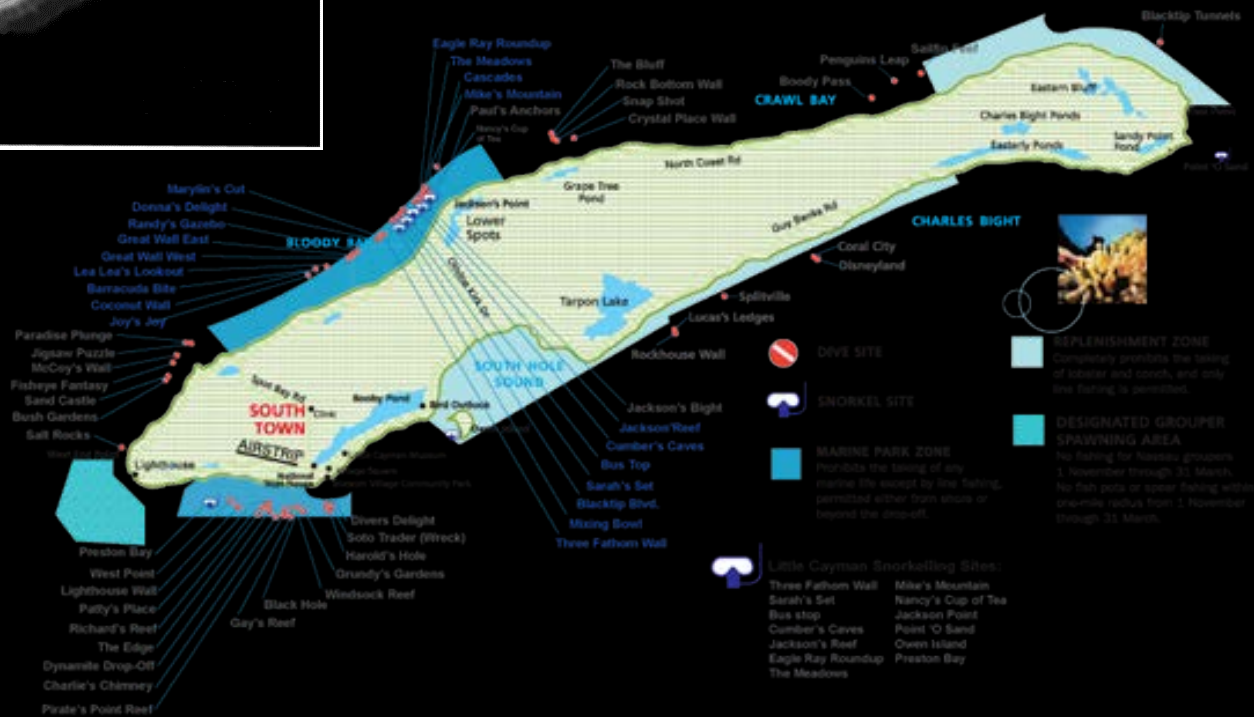
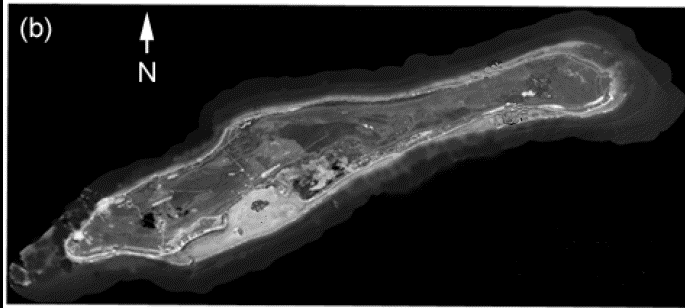
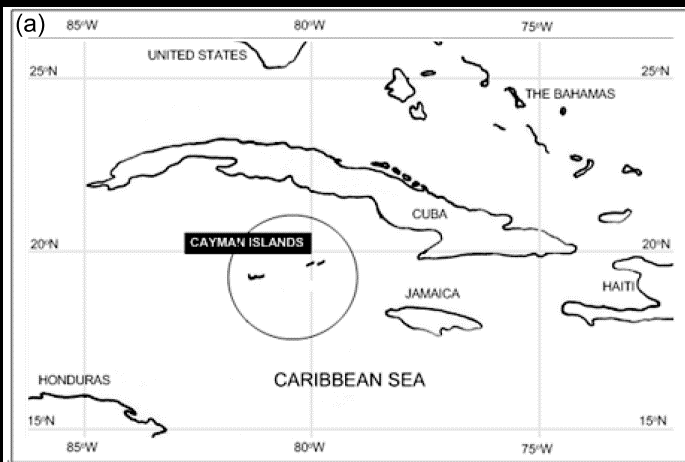


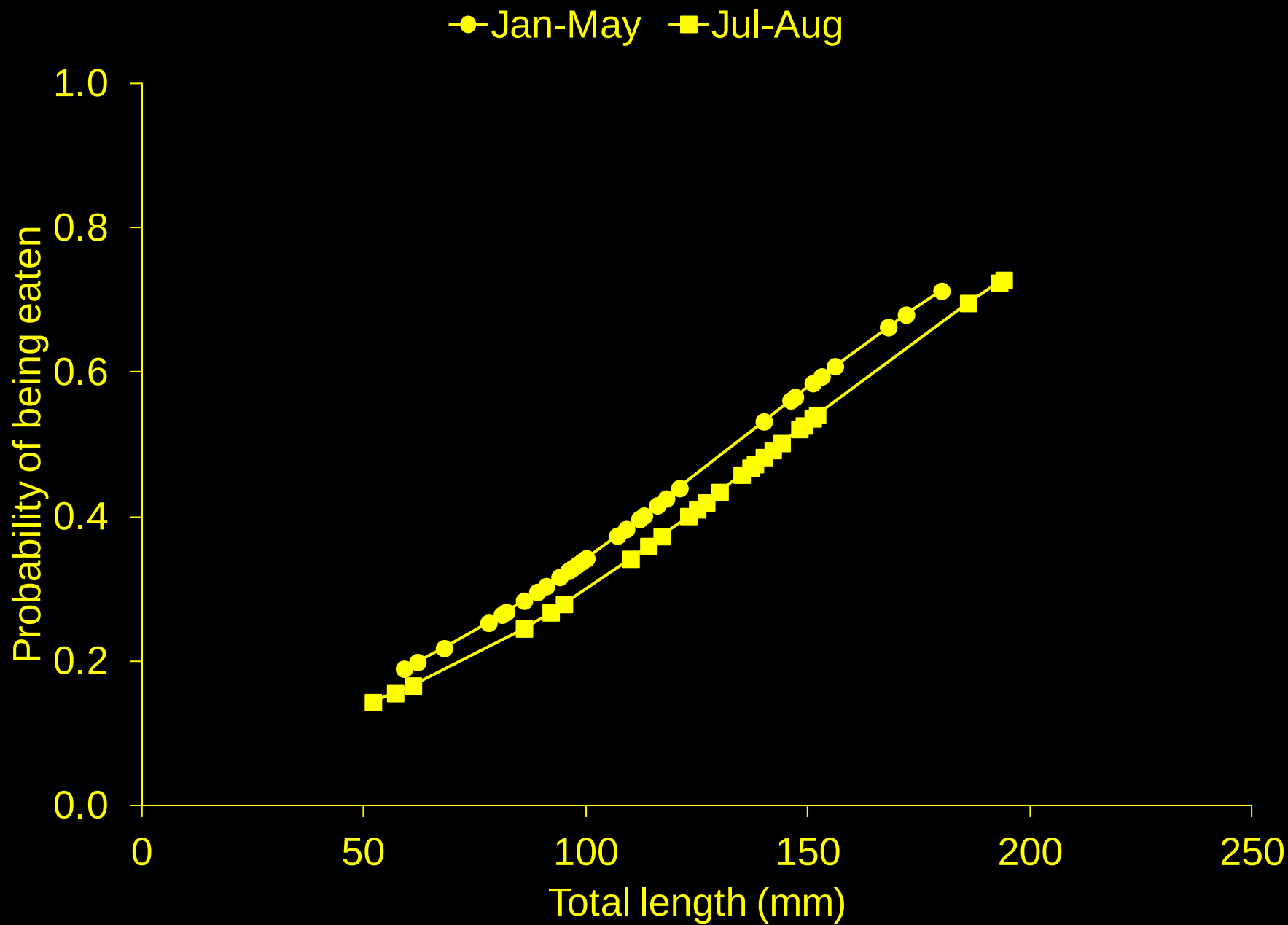
Phase IV

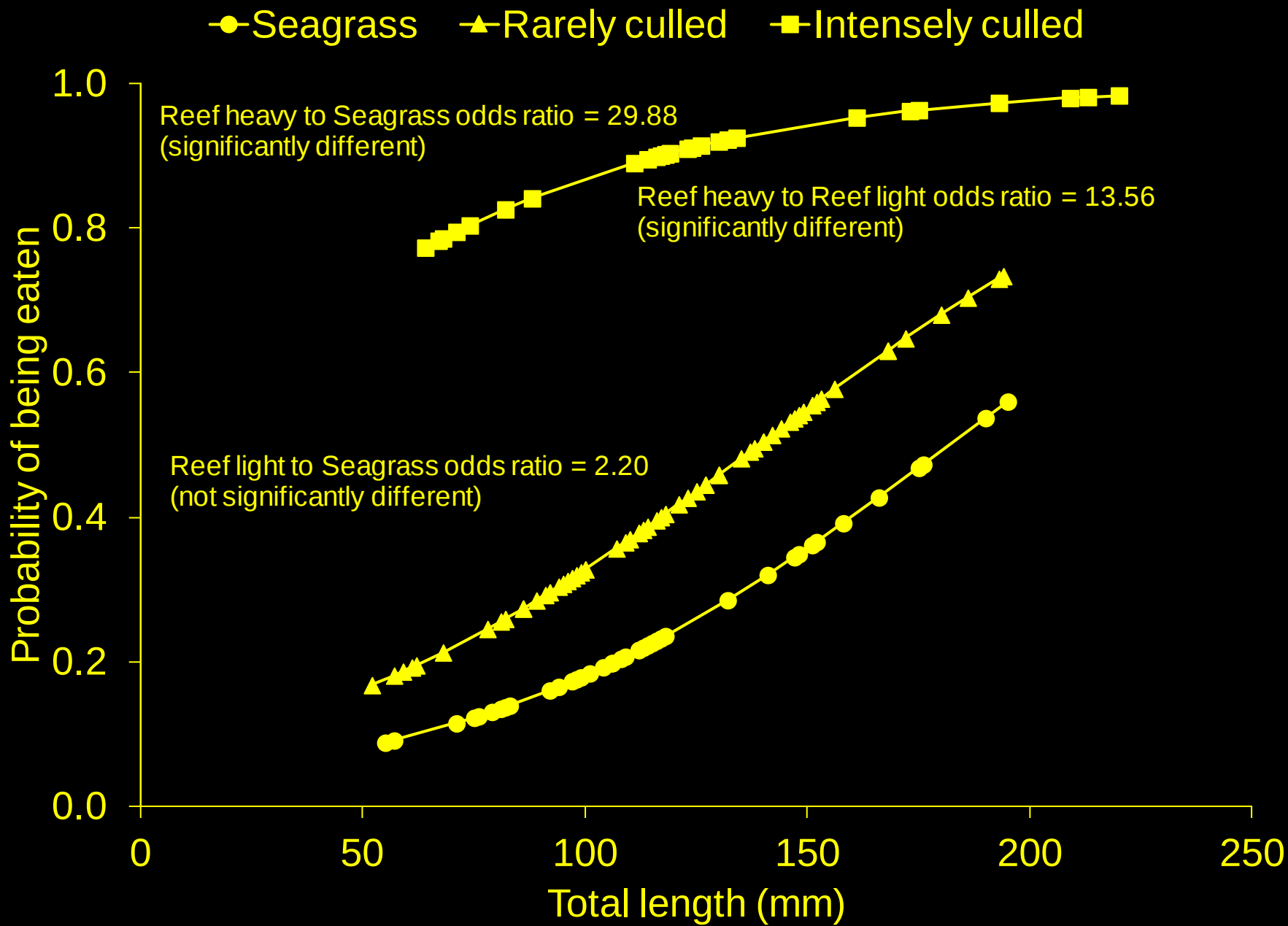
Can we expect any help from predators?











Take-home messages

- Removals can be effective – Phase II
- Maintenance control is a viable option – Phase III
- Predators may pitch in – Phase IV



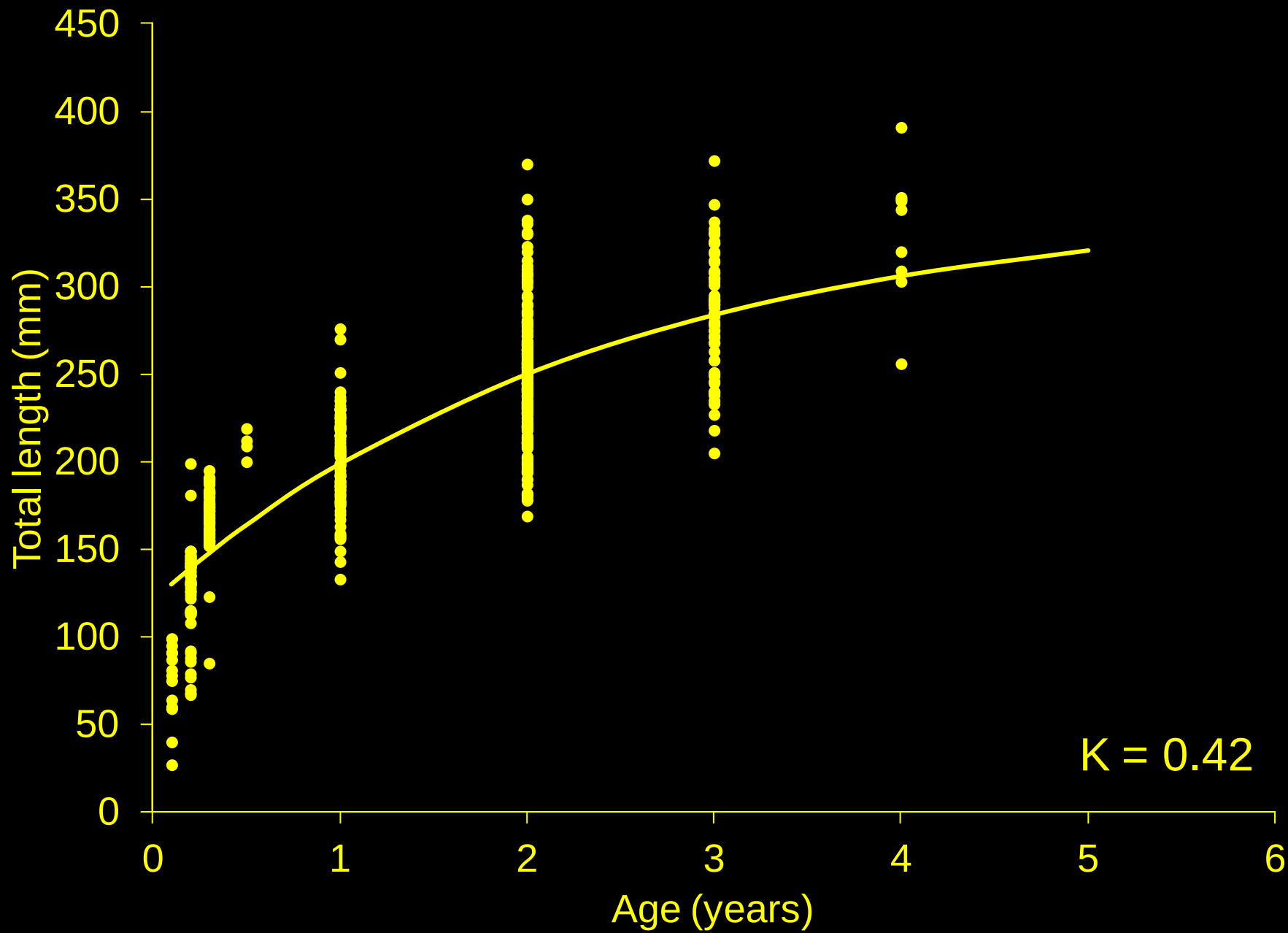
Questions?





Phase I

Do key characteristics
of the population
suggest a threat?

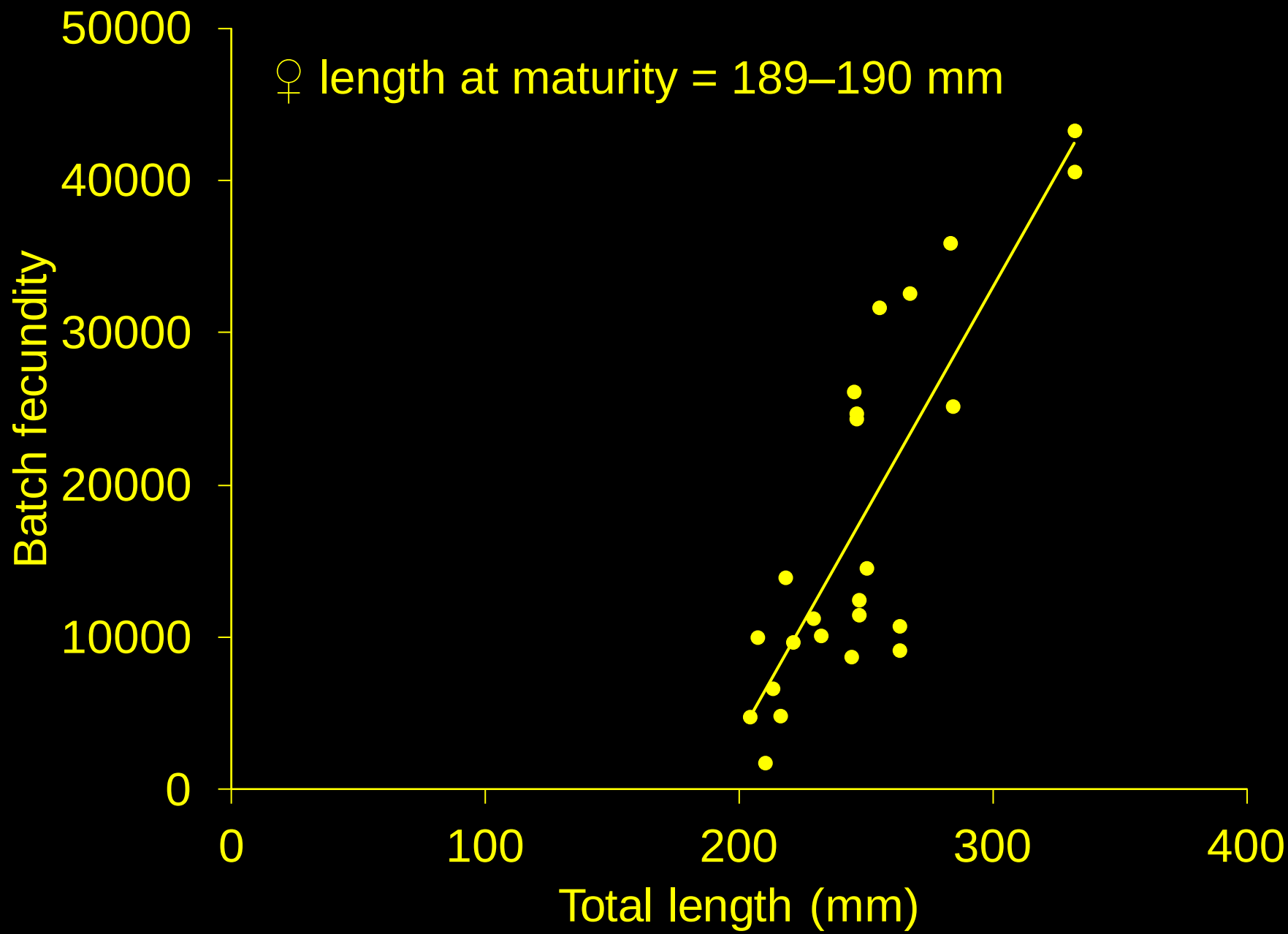




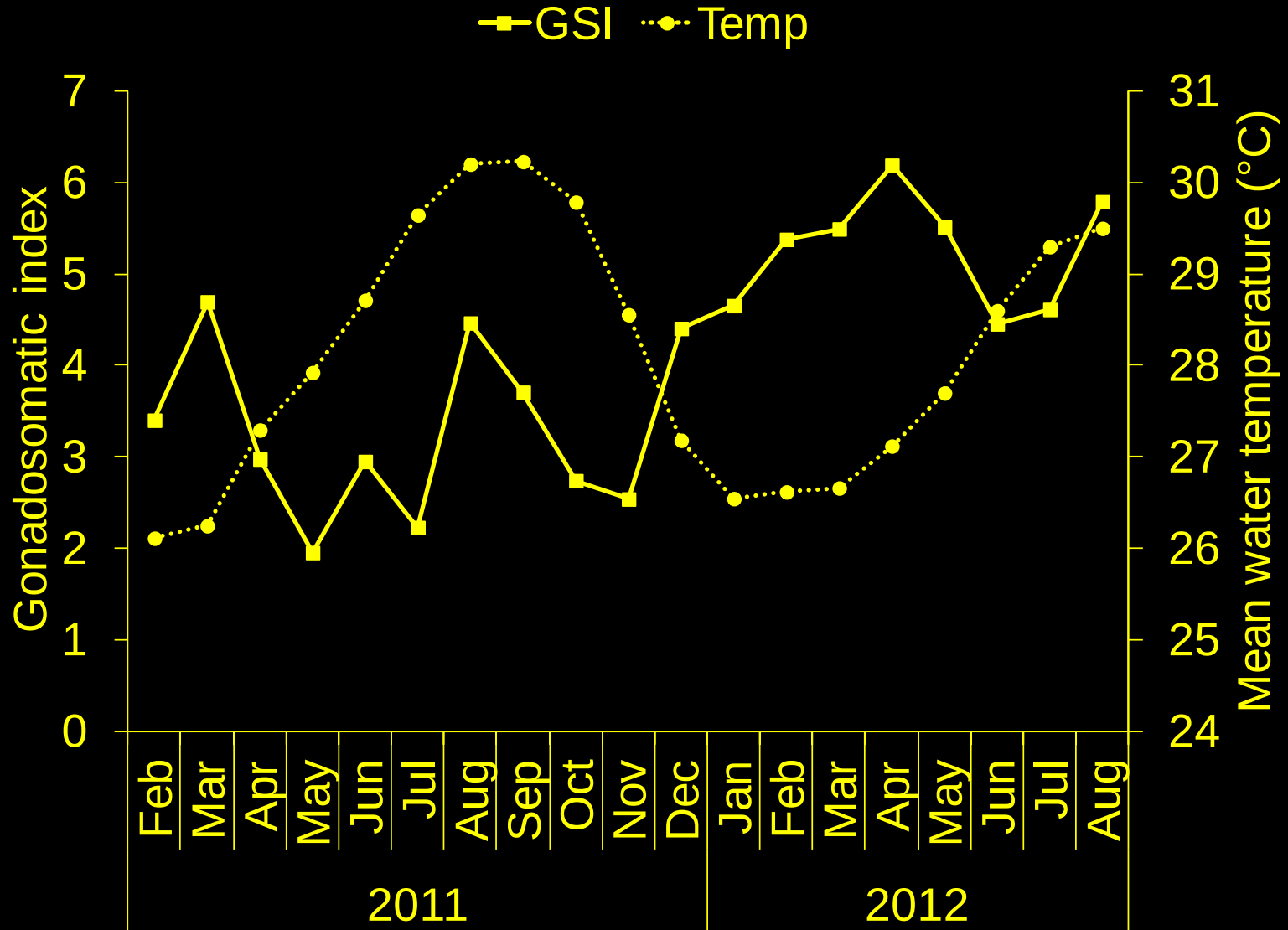
NEVER EAT ANYTHING BIGGER THAN YOUR HEAD & OTHER DRAWINGS

\$2.95





Spawning frequency = 2.4 d



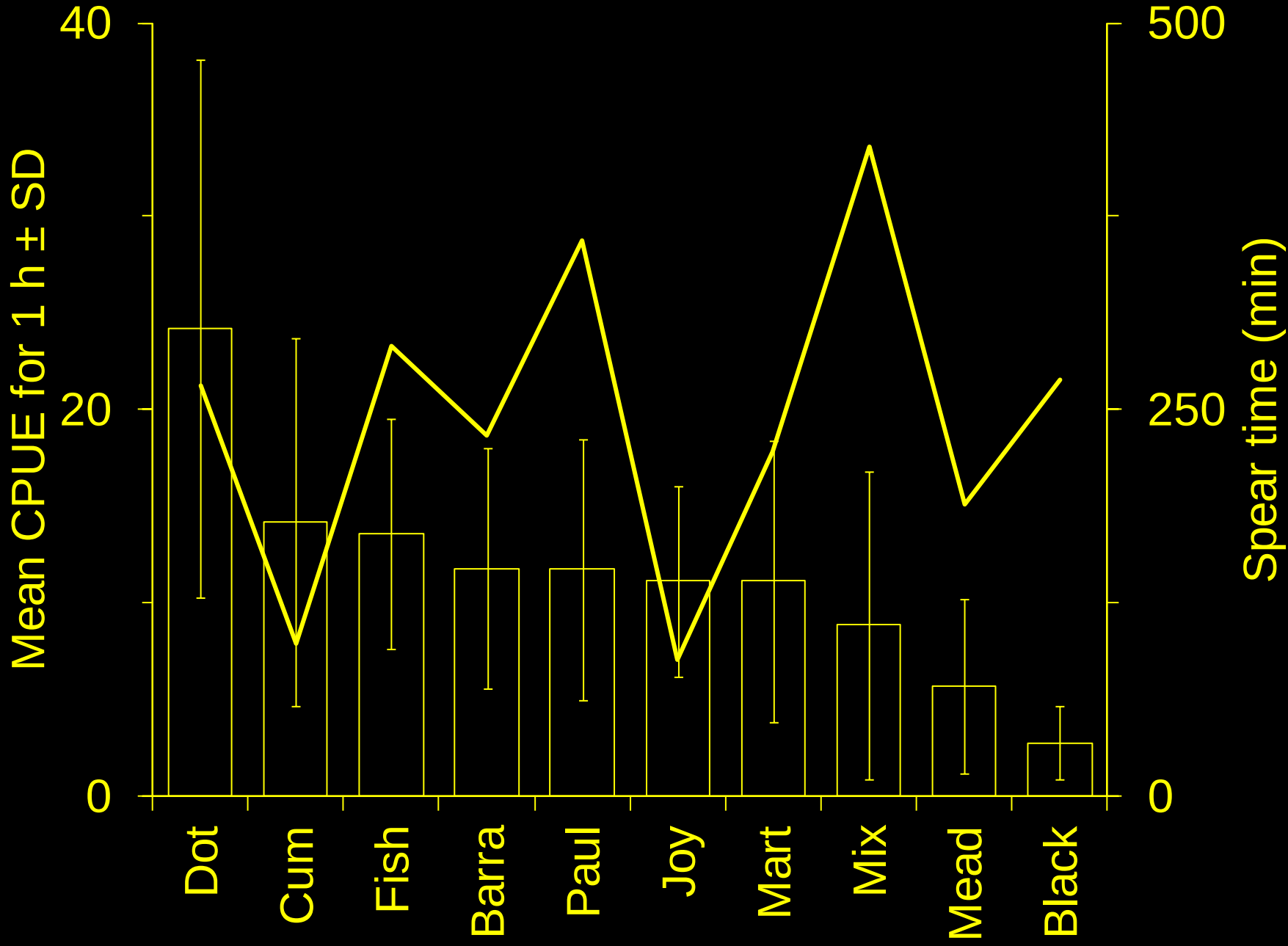


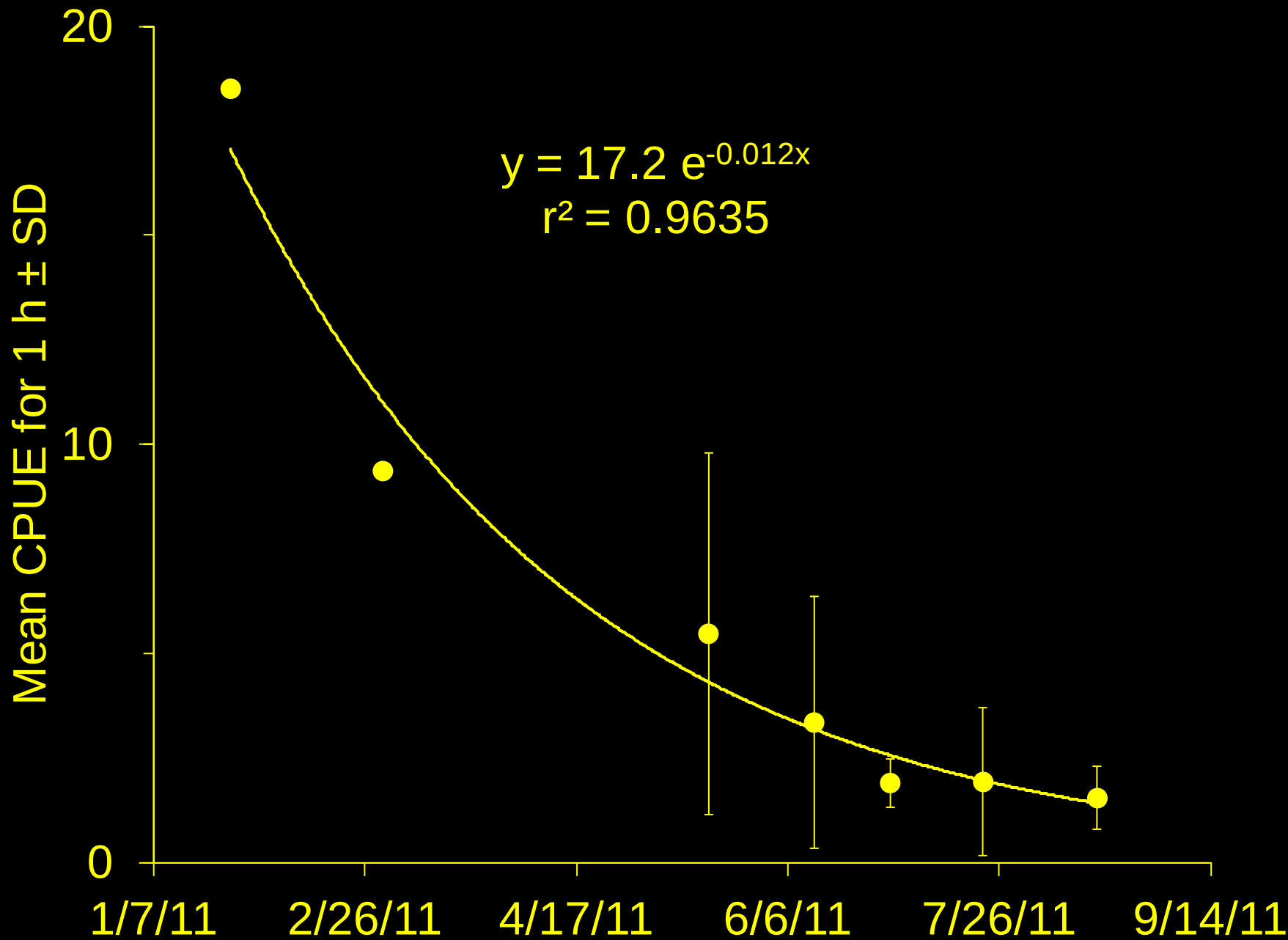
Phase II

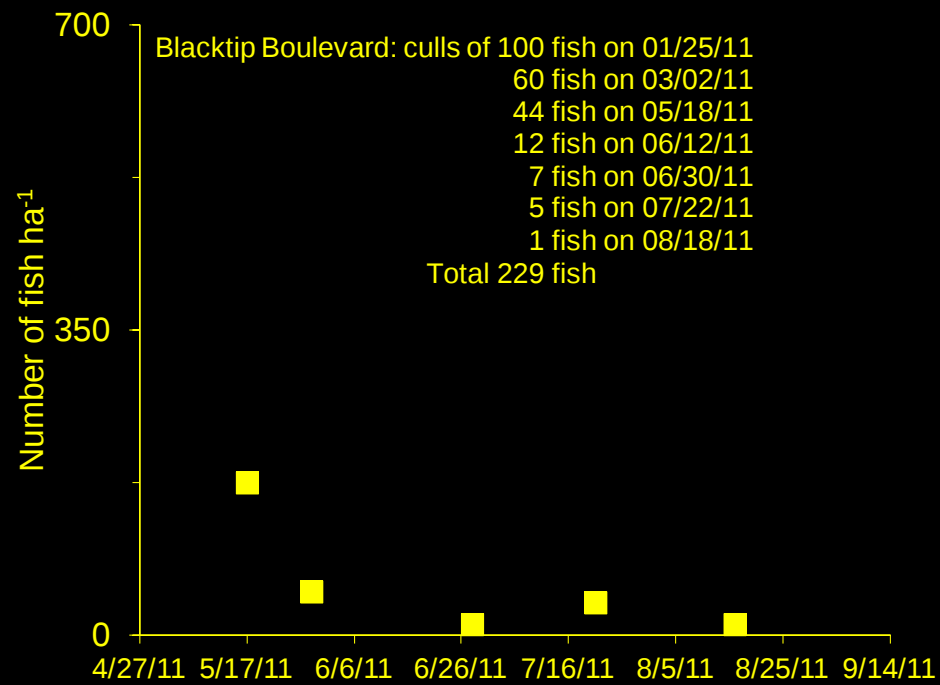
Can targeted removals
lower densities of lionfish?

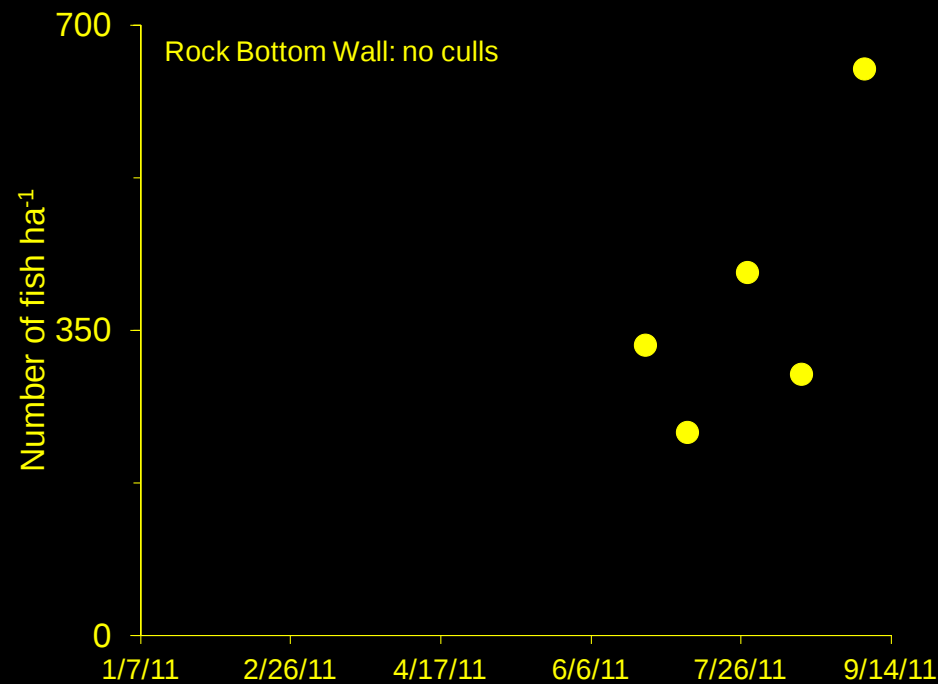
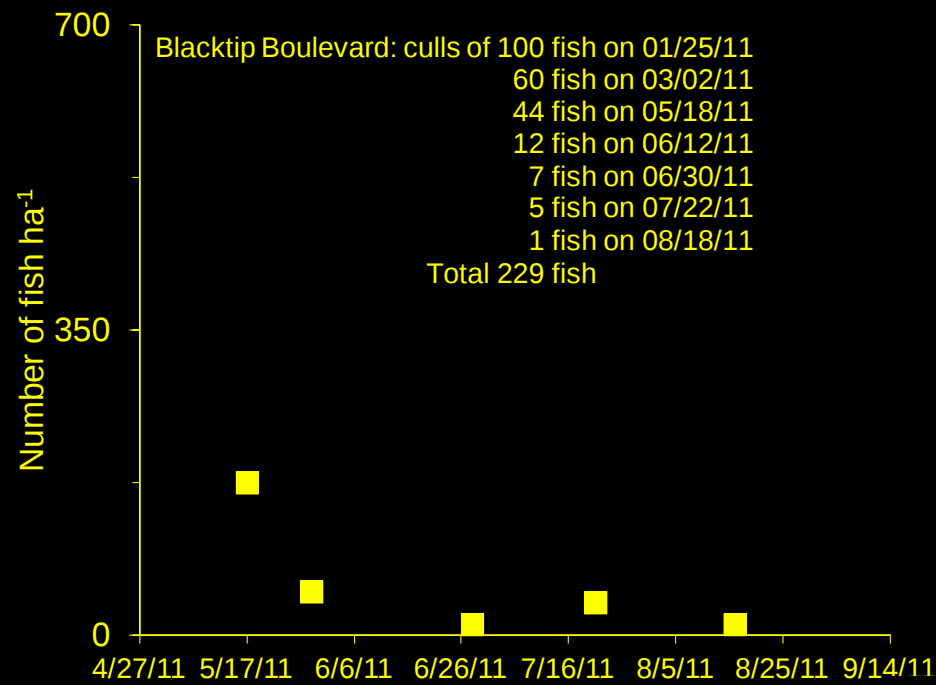
Is maintenance control a
viable management option?

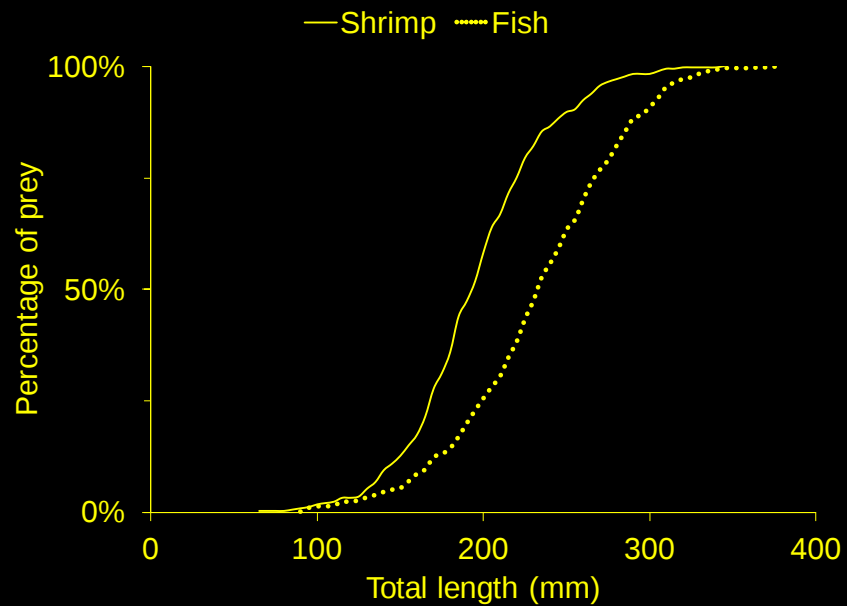
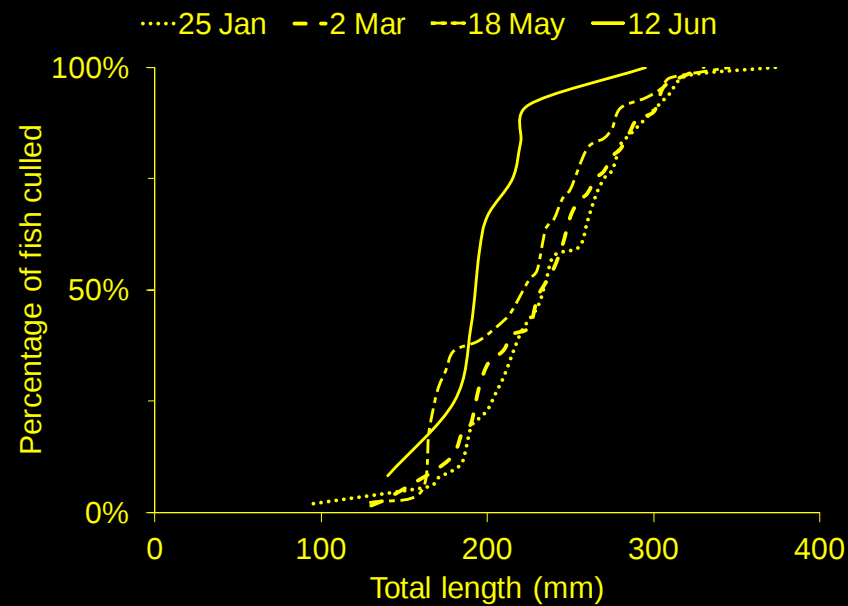
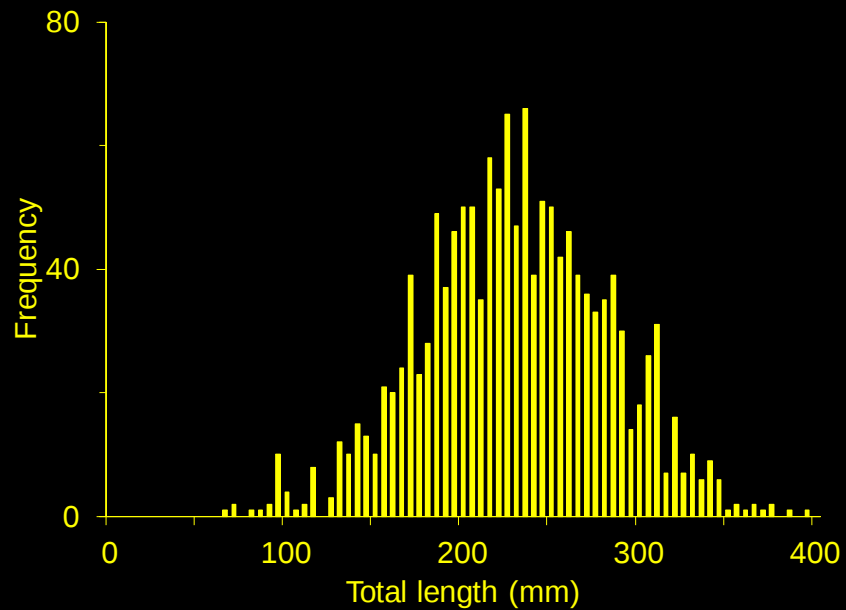
Frazer et al. 2012











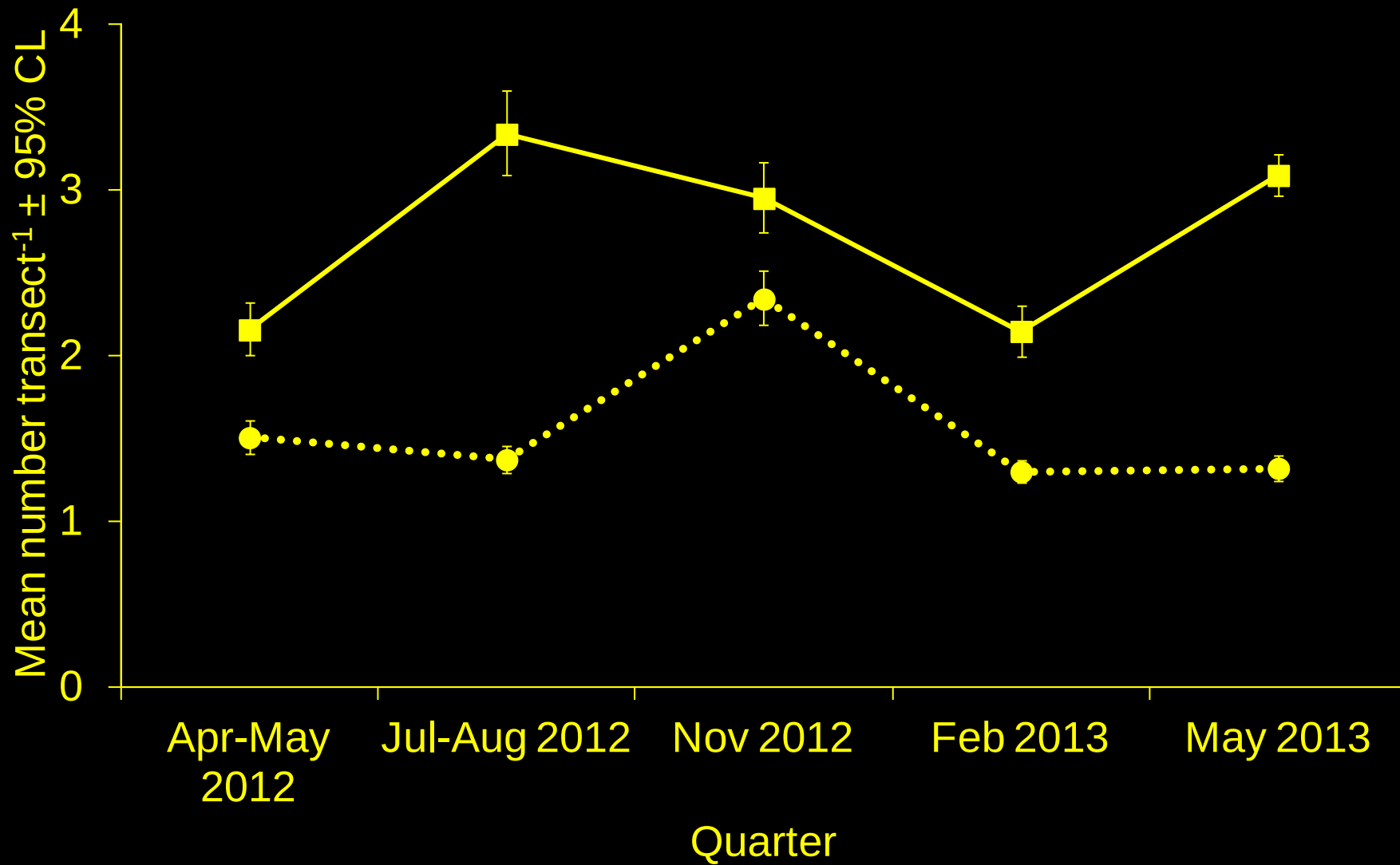
Phase III

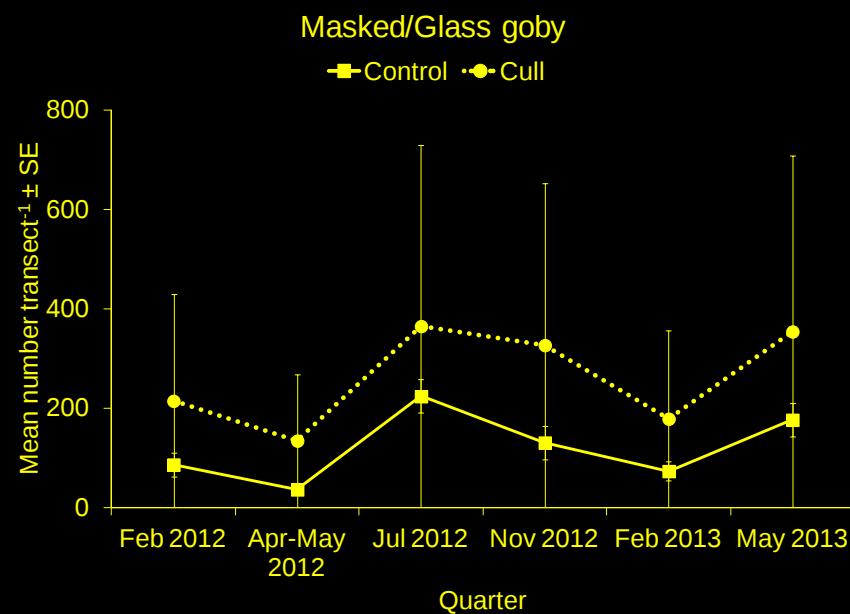
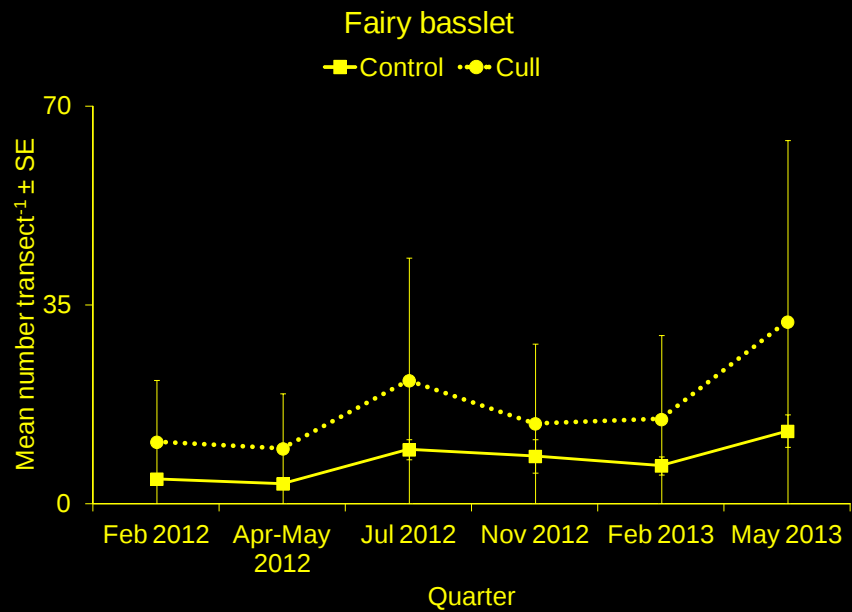
Does maintenance control benefit native prey?



Lionfish

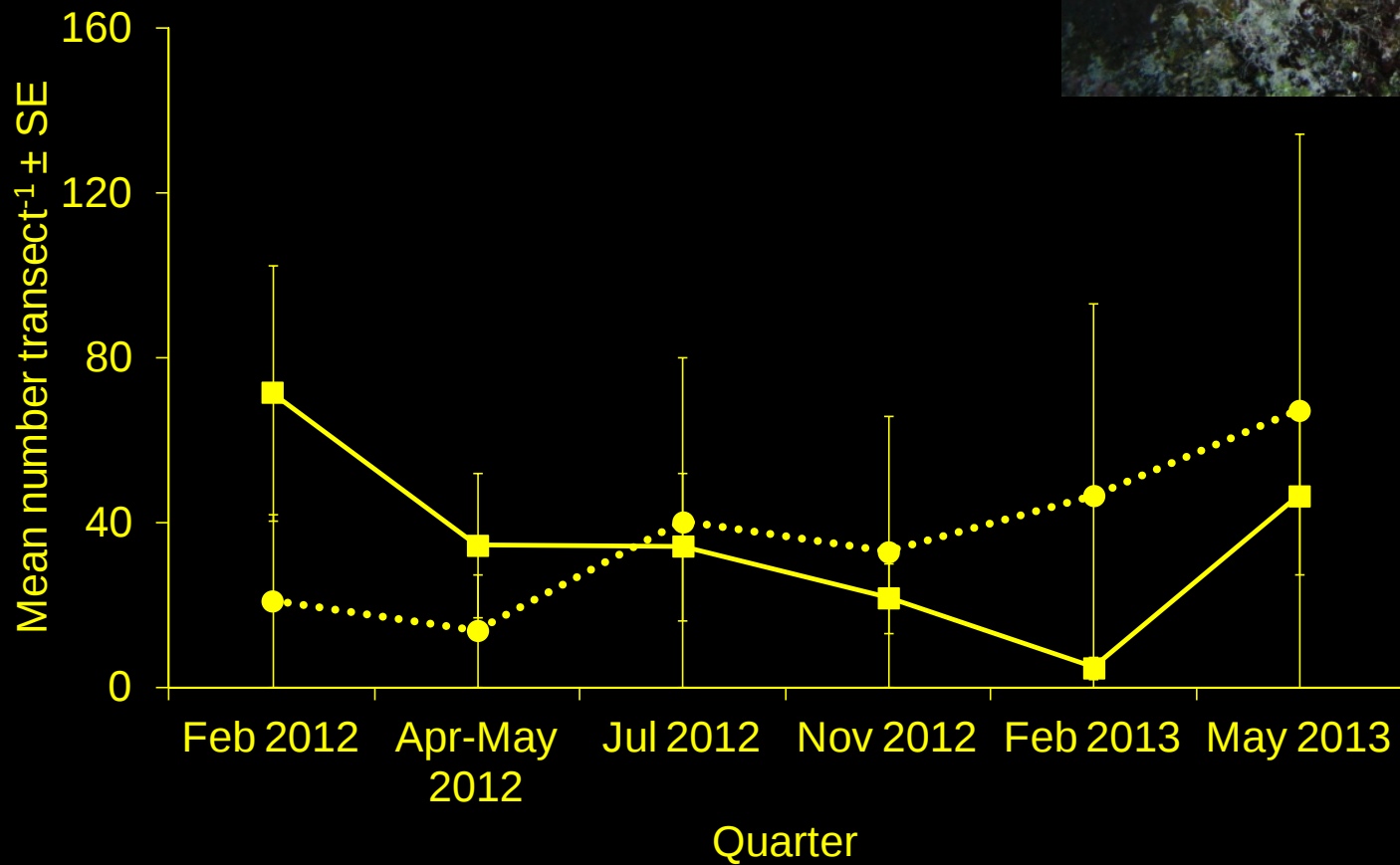
■ Control ● Cull





Creole wrasse

■ Control ● Cull



Acknowledgments



Little Cayman Research Centre
&
Carrie Manfrino

The resorts, divemasters & volunteers from Lil' Cayman



Jessica Diller
Savanna Barry Katie Lohr
Patrick Gardner Morgan Edwards

Questions?

