INDIAN ISLAND 2013



Looking to the past and the future



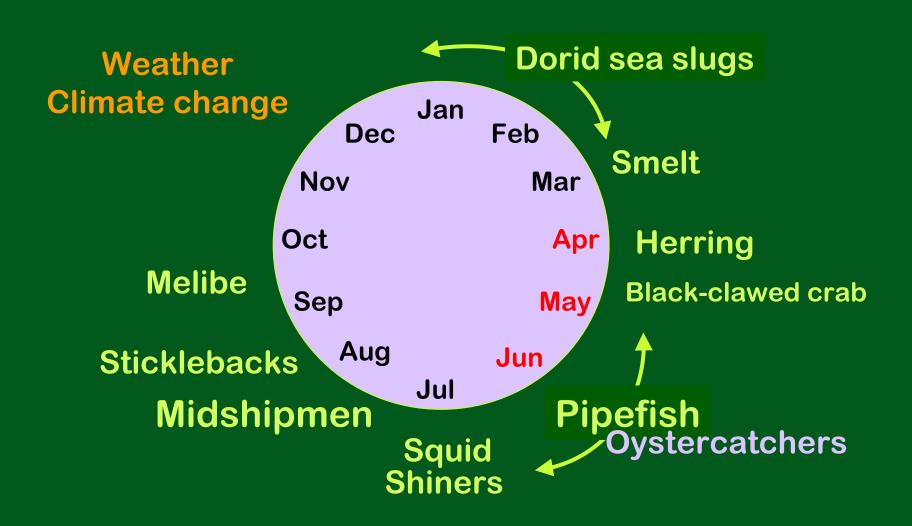




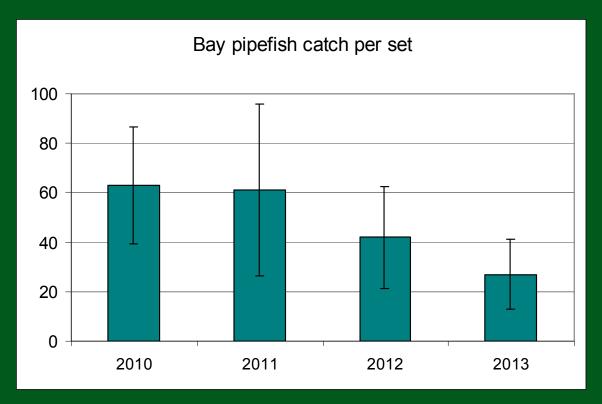




Reproductive year at the Island

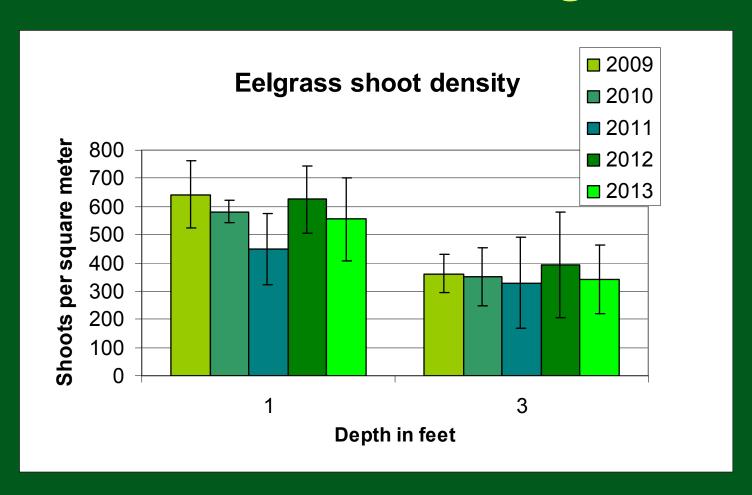


This year's top story:

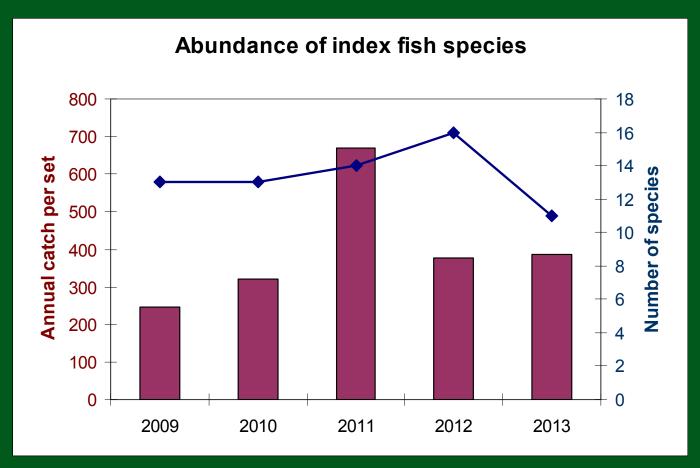


Pipefish decline?

How stable is our eelgrass?



Overall, fish have not declined

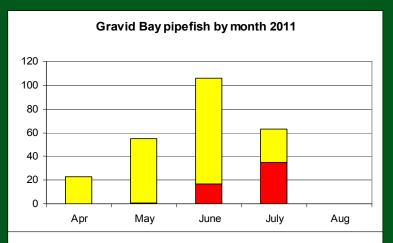


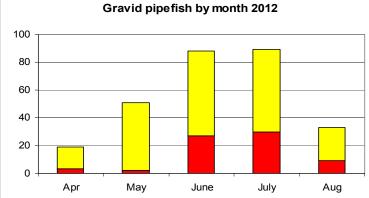


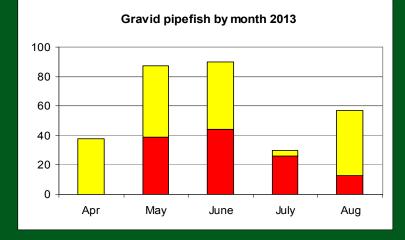
Haemobaphes diceraus in Shiner perch

More male pipefish were gravid for more months in 2013 than 2011-2012

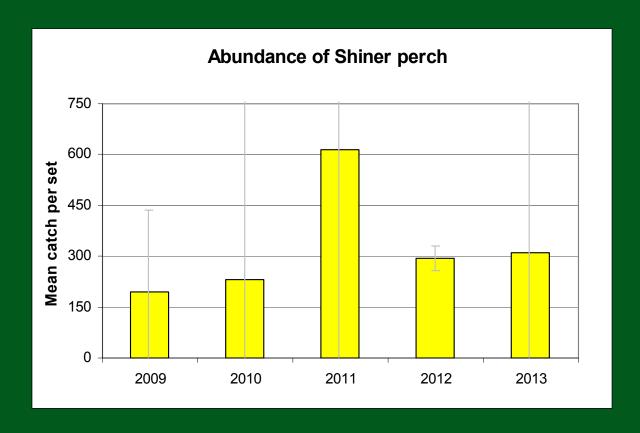
Stress response?





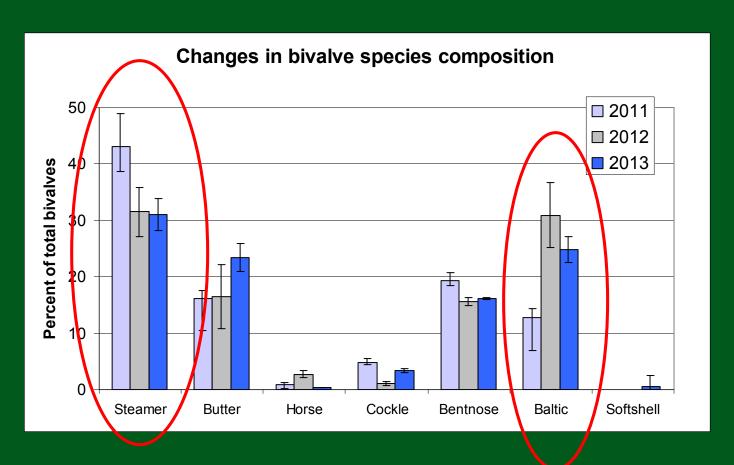


No decline in Shiners

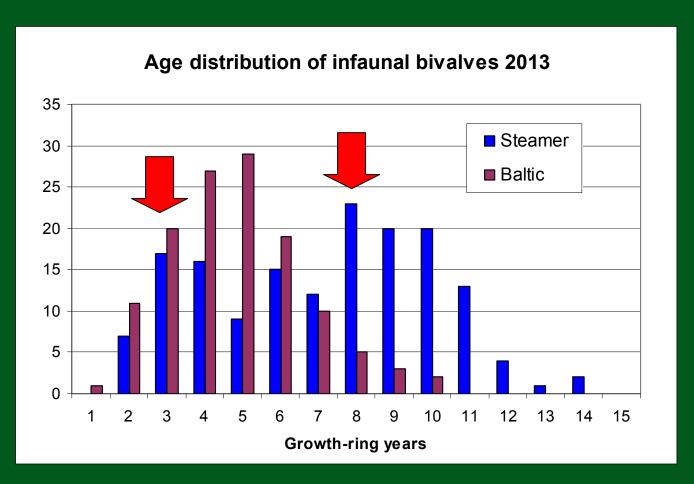


Does this suggest some other change?

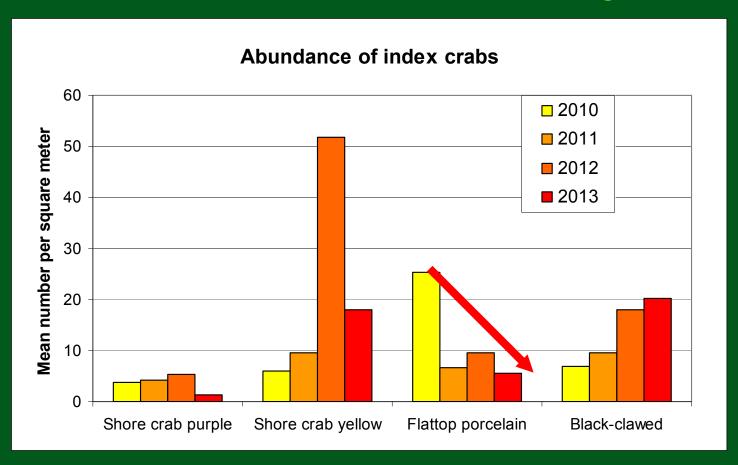
The beach may be getting softer



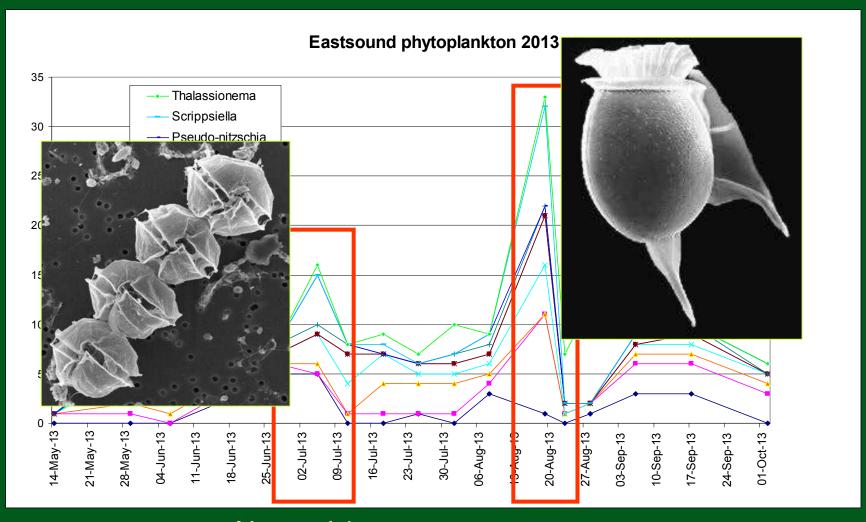
Steamers are still recruiting, however



Porcelain crabs are sensitive to turbidity



Toxic blooms may be increasing



Alexandrium Pseudo-nitzschia

Dinophysis Gonyaulax



2014 Objectives

Microplate reader

- More chemistry data
- More plankton data

Volunteers!

- 100% low-tide presence
- Comparison site

Volunteers Coordination (OICF)