



# *Engaging fishers in conservation planning: the Cabo Rojo Project experience*

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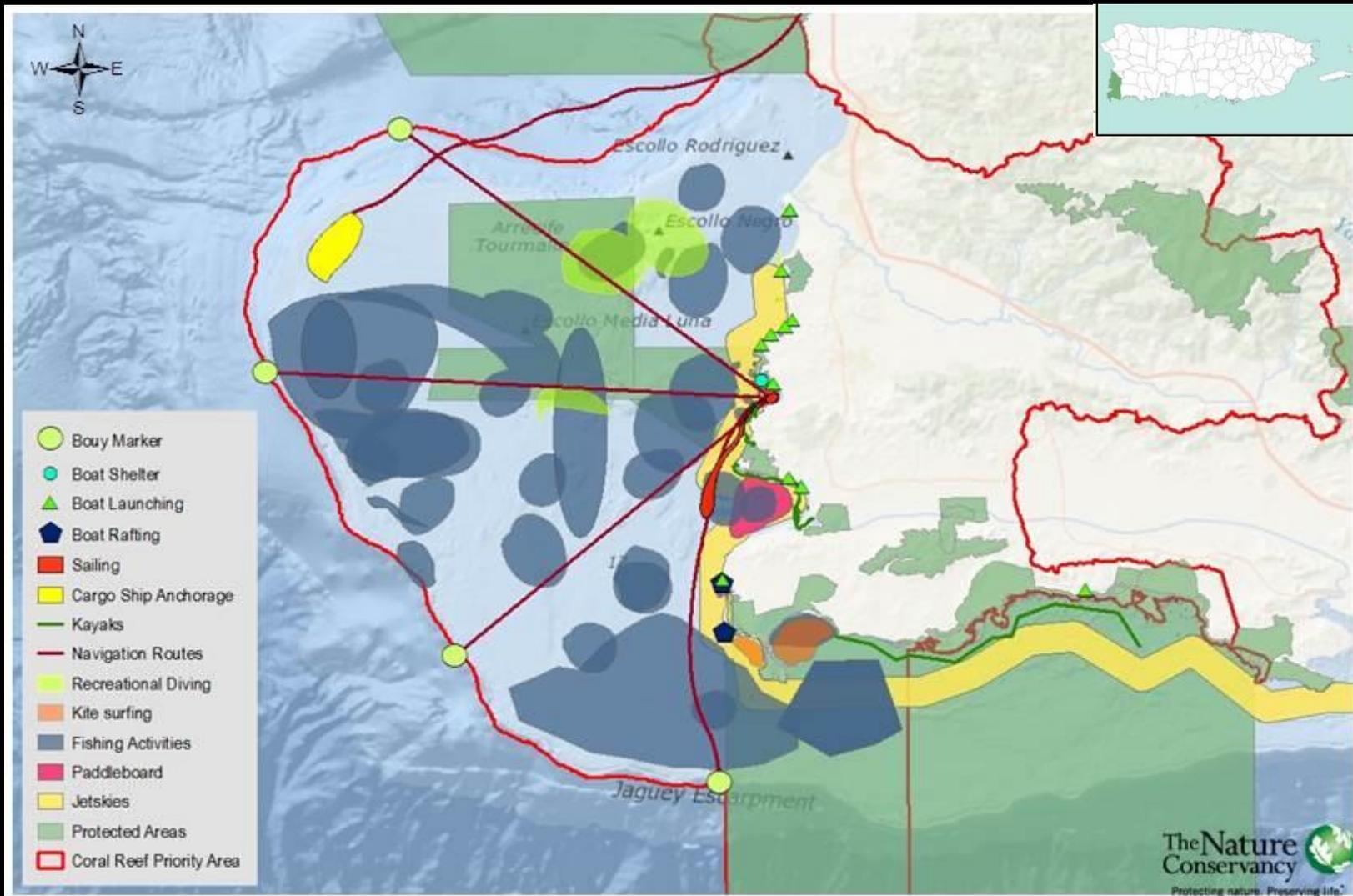


The Nature Conservancy

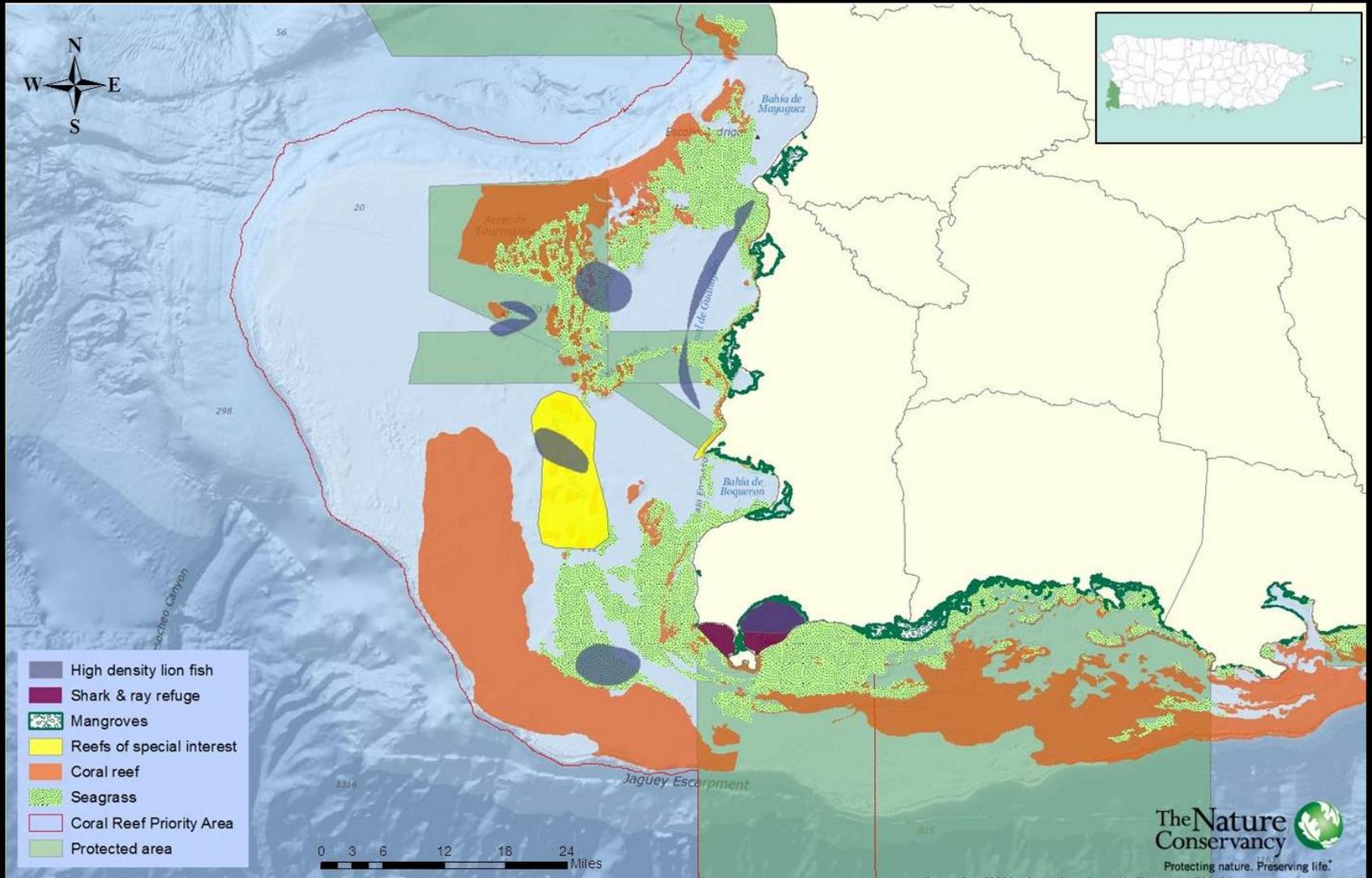


Conservando la naturaleza. Protegiendo la vida.

# the Cabo Rojo project: human use mapping in a coral reef priority region



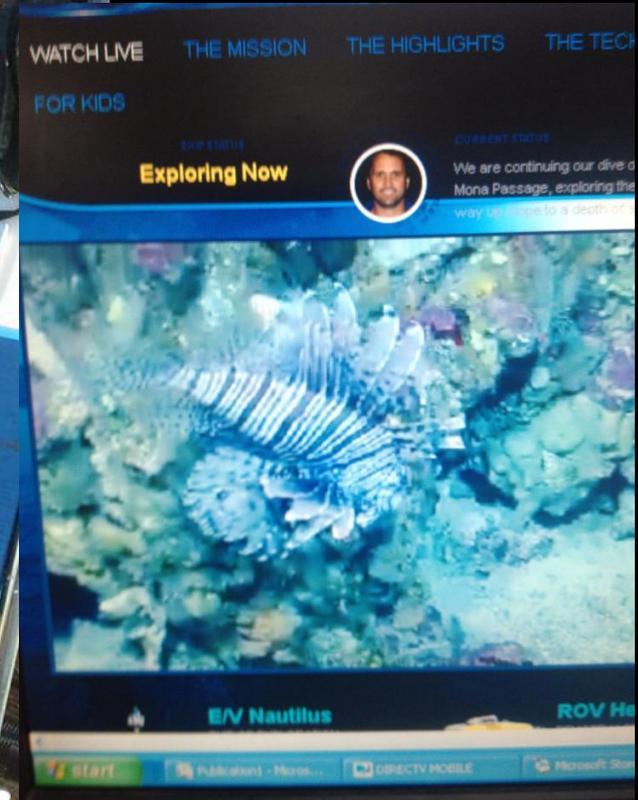
# Community Supported Lionfish Fishery: lionfish fish hotspots identified by commercial fishers



# Puerto Rico: Community Supported Lionfish Fishery



# Community Supported Lionfish Fishery & a Marine Conservation Agreement



# the lionfish CSF and the conch fishers: a natural pairing



# background: the conch & lobster fishery

## **Carrucho / *Lobatus gigas***

**Veda Estatal: 1 de agosto al 31 de octubre**

**Tamaño mínimo: 9 pulg. de largo de concha o 9mm de ancho**

**Pesca Recreativa: 3 por persona o 12 por embarcación por día. **Lo que sea menor****

**\*Pesca comercial: 150 por pescador o 450 por embarcación por día. **Lo que sea menor****

**Veda Federal: Prohibido la pesca en aguas federales.**

**Excepción: Lang Bank, St. Croix**

**\*Moratoria para la pesca de carrucho vigente hasta el 31 de julio, 2014. Moratoria permite extraer el molusco debajo del agua sin tener que subir la concha a la embarcación. Además, establece nueva cuota para la pesca comercial de 150 especies por pescador, 300 especies por embarcación. Lo que sea menor.**

[www.Communityconch.org](http://www.Communityconch.org)



## **Langosta Común**

*Panulirus argus*

Características:

- Cuerpo color marrón con marcas color violeta
- Bandas color marrón y blanco en las patas
- Banda blanca en el rabo

**Tamaño mínimo: 3.5 pulgadas largo de carpacho (LC)**

# background: the conch & lobster fishery



# Commercial Fishers in Puerto Rico

- 3855 active licensed commercial fishers
  - 20-25% of all Commercial fishers
  - 30% based in Cabo Rojo Municipality
  - 15% of all Conch fishers in Puerto Rico
- based In Puerto Rico



# social conditions, markets & economy



# Status of Lionfish fishery:

Underexploited, No data, Misinformed

Ciguatera??

What if effective control is achieved??



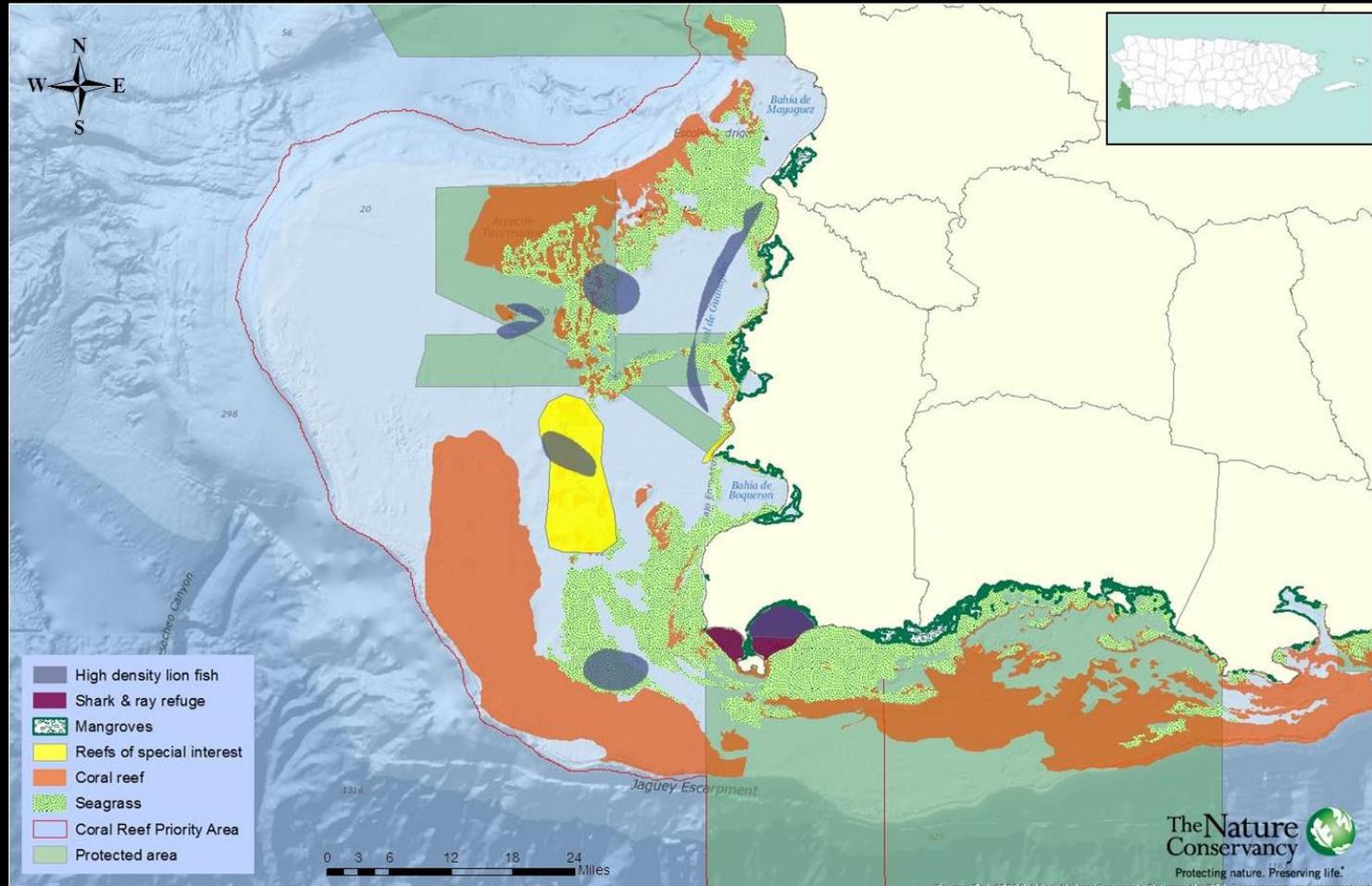
# Status of Lionfish fishery: problems, needs, science, benefits and drawback



Lessons learned:



# Lessons learned and happy accidents: Improved Fishery Regulations



Shark and Ray Nursery Identified

# Lessons learned and happy accidents: Improved Fishery Regulations



# Lessons learned and new discoveries: A Shark Situation



# Lessons learned and new discoveries: A Shark Situation



# Lessons learned and new discoveries: A Shark Situation



TURBO



# Lessons learned and new discoveries: A Shark Situation



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Gracias!

