



Animal Adaptations

Brown Science Prep
Fall 2011

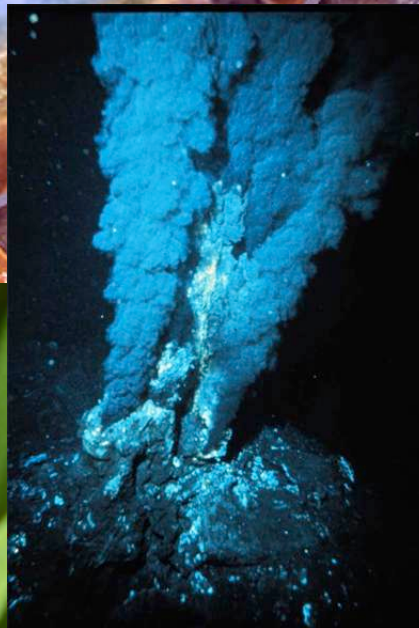
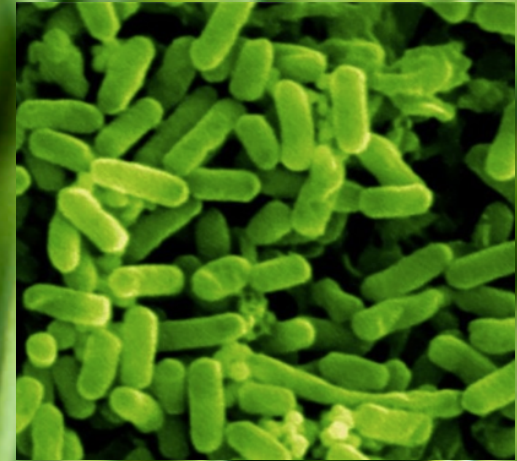
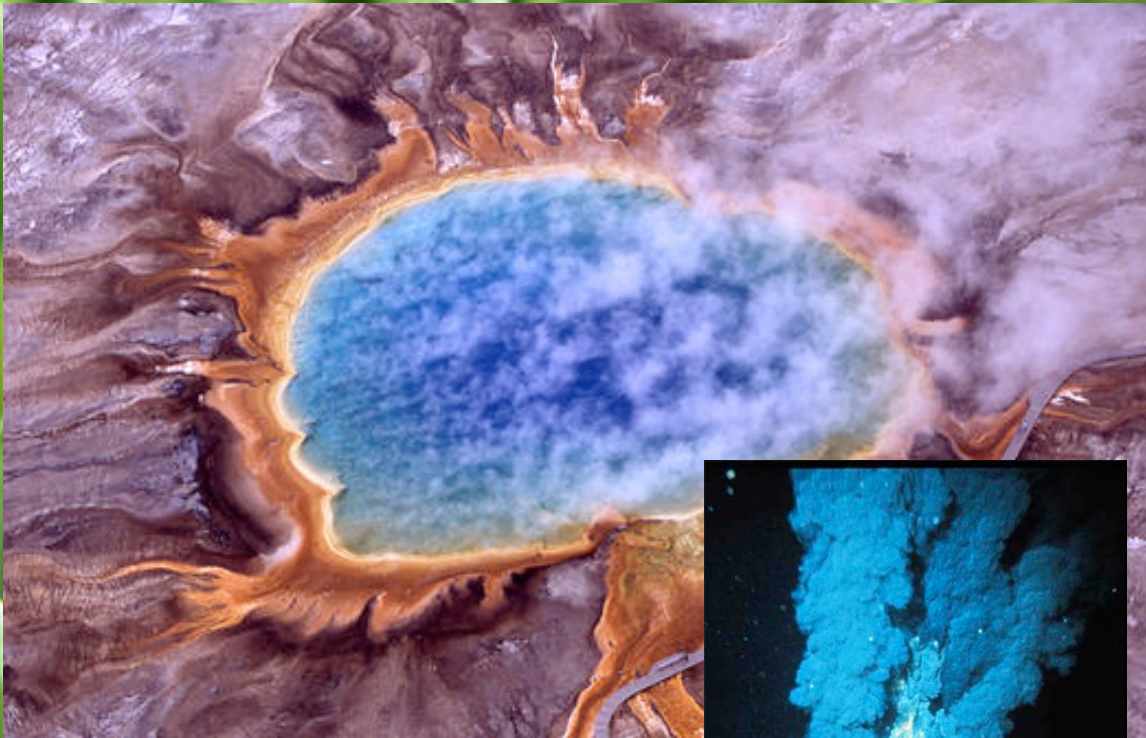
Frilled Dragon



Platypus



Extremophile Archaea

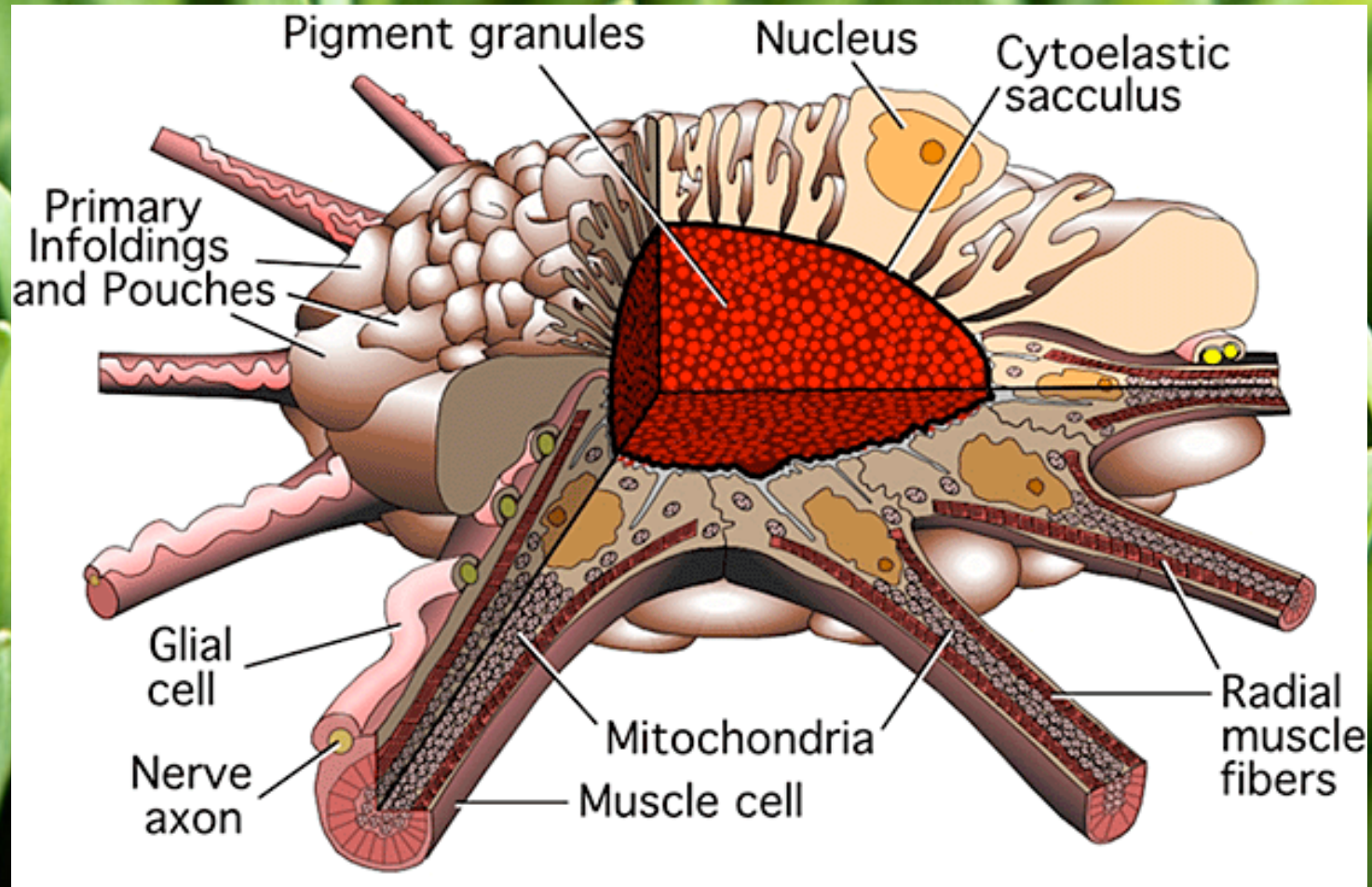




Chameleon Videos

- Chameleon intro
 - <http://www.youtube.com/watch?v=osZvve7yi-Q>
- Changing colors
 - <http://www.youtube.com/watch?v=vnXTQMfLyxM&feature=related>
 - <http://www.youtube.com/watch?v=IBc-6aj0RJk>

Chromatophores



Chameleon Pics



Panther Chameleon
Furcifer pardalis

A Panther Chameleon (Furcifer pardalis) is shown in profile, perched on a thin, light-colored branch. The chameleon has a vibrant blue body with yellow and orange vertical stripes. Its head is red with a white stripe running through the eye. The tail is long and curled, showing a spiral pattern of orange and red. The background is a soft-focus green.



Veiled Chameleon
Chamaeleo calyptratus

A Veiled Chameleon (Chamaeleo calyptratus) is shown in profile, perched on a green leaf. The chameleon has a blue body with orange and yellow spots. Its head is blue with a large, prominent eye. The background is a soft-focus green.



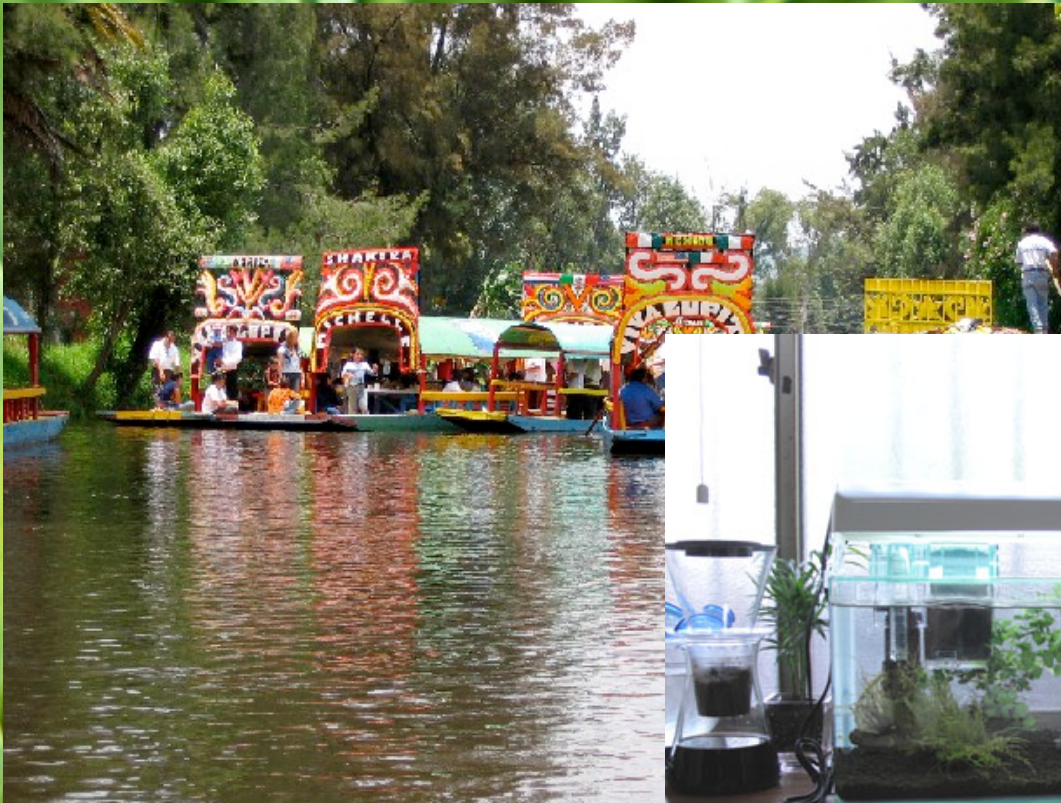
Jackson's Chameleon
Chamaeleo jacksonii

A Jackson's Chameleon (Chamaeleo jacksonii) is shown in profile, perched on a brown branch. The chameleon has a green body with a yellow stripe running along the side. Its head is green with a large, prominent eye. The background is a soft-focus green.

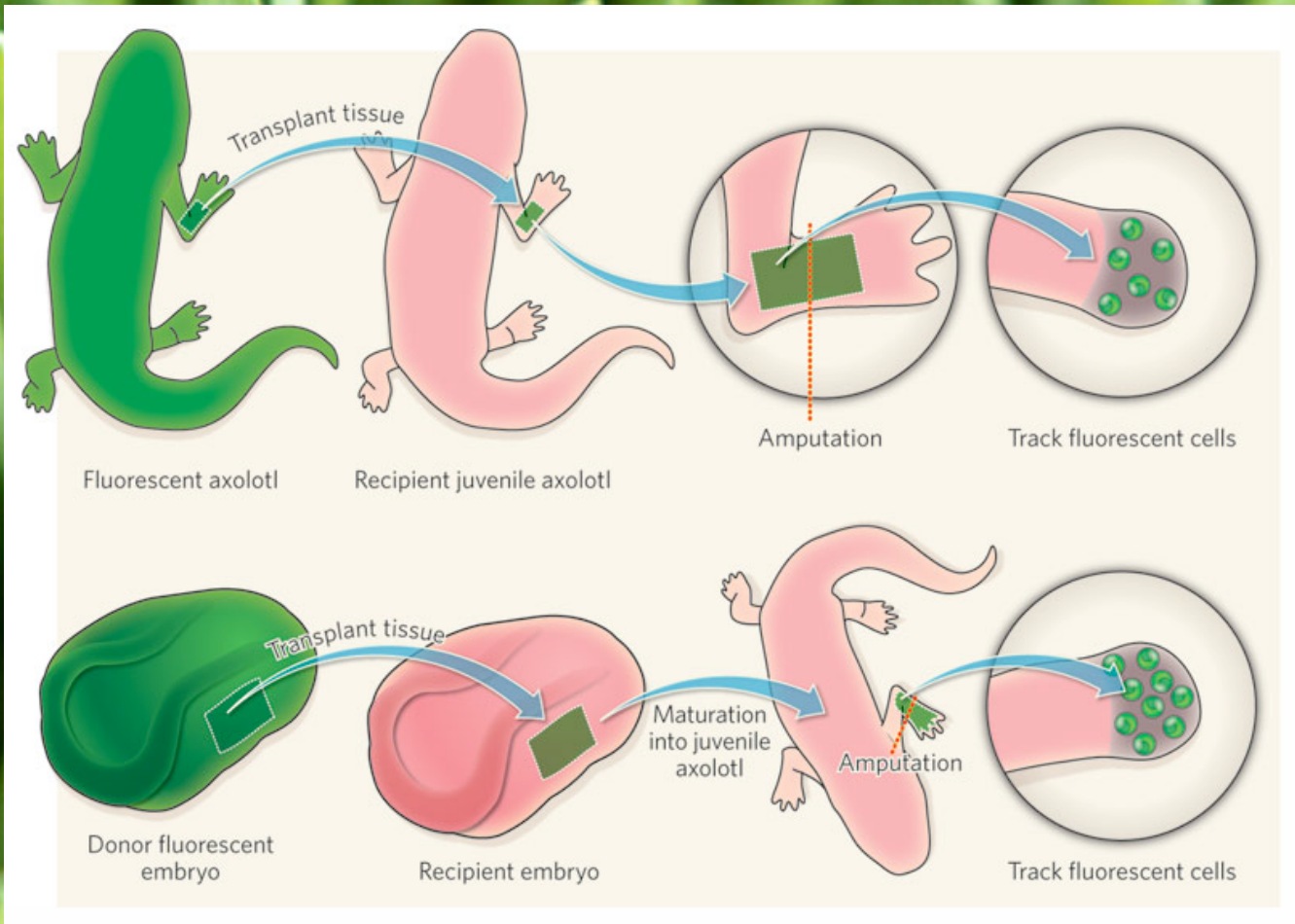
The Axolotl



Axolotl Habitat



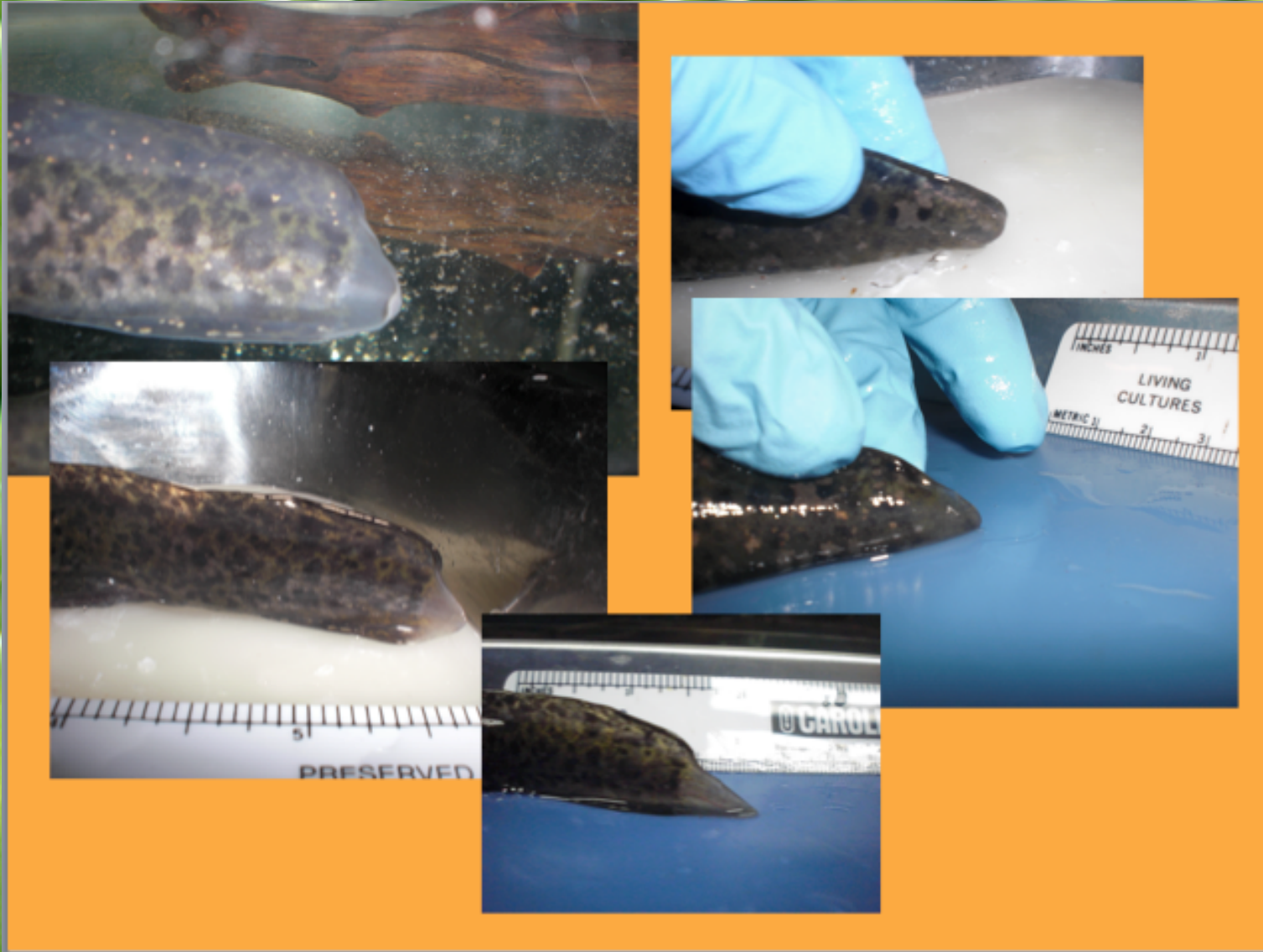
Regeneration



Blastema



Regeneration II

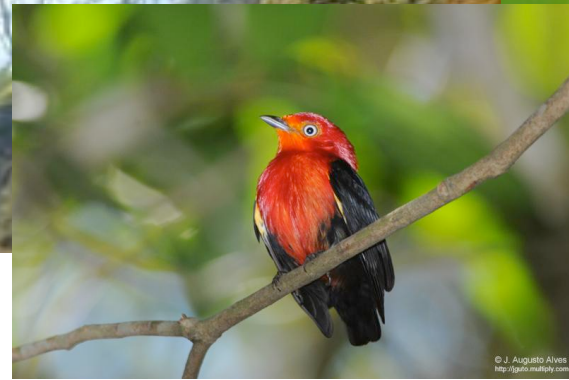


Problem #1: Designing model organisms

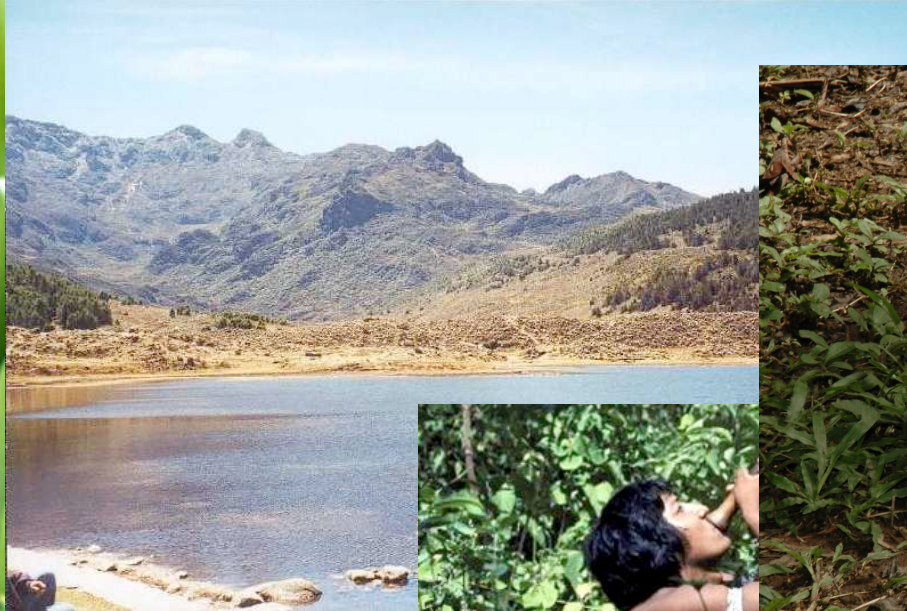
- Small Island
- 75-85°F year-round, high humidity
- Diverse deciduous plant life
- Sandless, rocky beaches
- Two large mountains that occupy 90% of area
- High concentration of birds of prey (falcons, hawks, ospreys)



Problem #2: Species Relocation Plans National Forest in Amapá, Brazil



Problem #2: Mérida and Amazonas, Venezuela



Problem #2: Isla de Vieques, Puerto Rico



Problem #2: Corn Islands, Nicaragua



Problem #3: Pollen Tube Guidance

