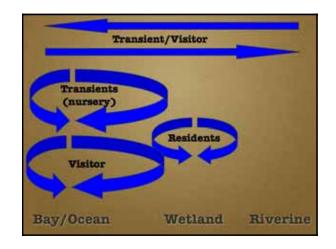
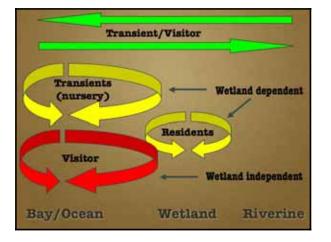
The Fishes of San Francisco Bay's Tidal Wetlands: Ecology and Conservation

> Dr. Drew M. Talley San Francisco Bay NERR











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## Functional Roles of Wetland Fishes Trophic: 1. Prey 2. Predators: a. Direct b. Indirect Indicators Vectors Ecosystem engineers

# Functional Roles of Wetland Fishes Trophic: 1. Prey 3. Predators: a. Direct b. Indirect Indicators Vectors Ecosystem engineers

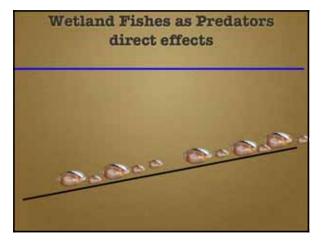


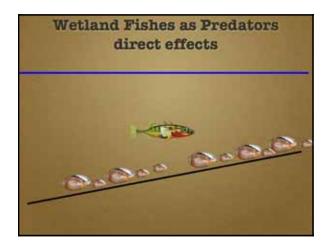
### Functional Roles of Wetland Fishes

#### Trophic:

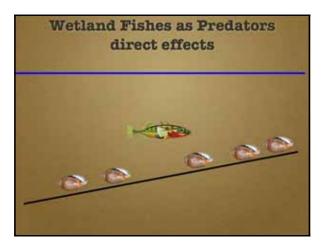
1. Proy 2. Predators: a. Direct b. Indirect

Indicators Vectors Ecosystem engineers

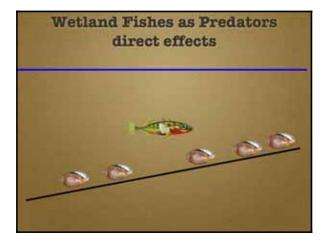


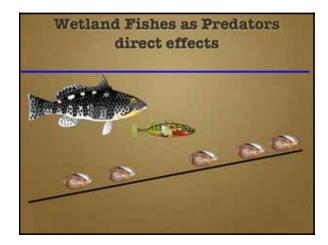


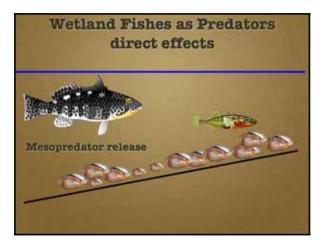
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Functional Roles of Wetland Fishes
Trophic:
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2. Predators:
a. Direct
b. Indirect
Indicators
Vectors
Ecosystem engineers
iscosystem engineers





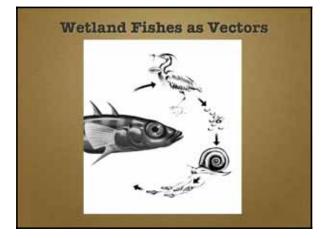


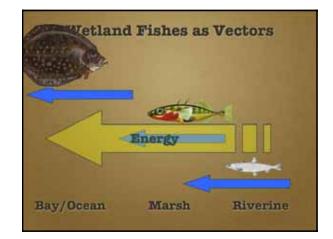


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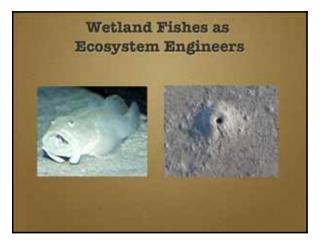




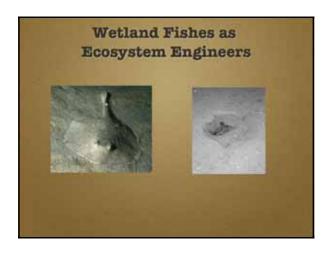


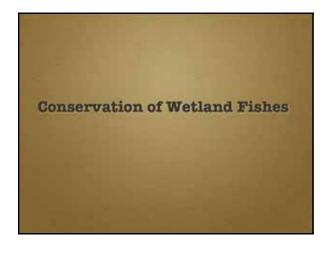






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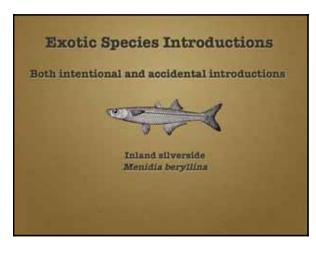
#### **Major Conservation Threats:**

Habitat Loss/Degradation
Invasive (Exotic) Species

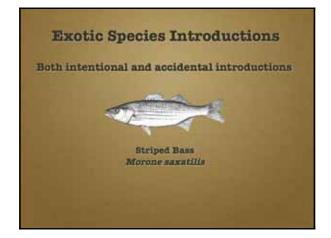


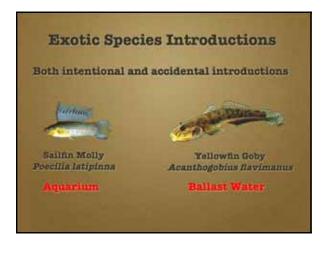
#### **Exotic Species Introductions**

- •Both intentional and accidental introductions •Since 1870's, "successfully" established 29 spp
  - · Also baitfish, aquarium, and ballast water

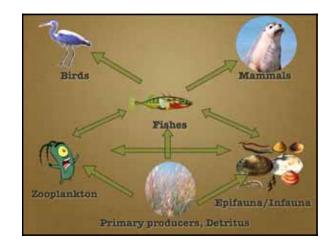


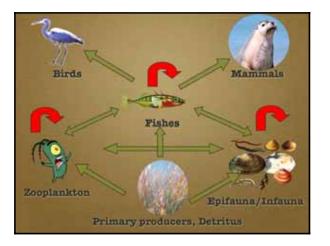
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