Lower Colorado River Multi-Species Conservation Program

Balancing Resource Use and Conservation





Habitat Mosaic

- Marsh Habitat
- Riparian Habitat
- Backwater Habitat

Marsh

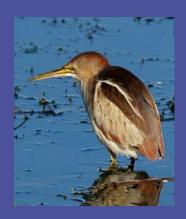


Marsh

- Species Detected
 - California Black Rail
 - Yuma Clapper Rail
 - Western Least Bittern







Riparian

- Cottonwood/Willow
 - Coyote willow
 - Gooding's Willow
 - Freemont cottonwood



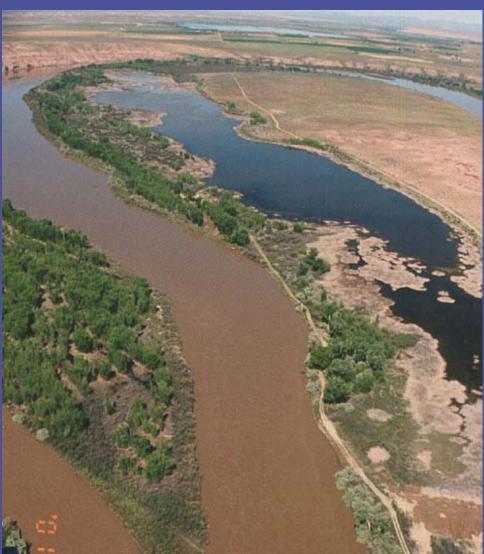
Soil Preparation

- Improve water drainage
 - Fill from ponds
- Flushing the soil
 - Irrigate fields
 - Dividing fields
- Cover Crop
 - Plant encroachment
 - Nutrients
 - Wind erosion

Backwaters







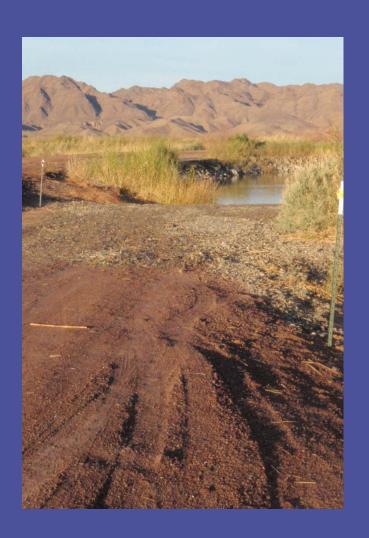
Recreation of a Habitat

- Water Delivery
- Hummocks



Recreation of a Habitat

- Rip-rap
- Depth
- Spawning Beds
- Boat Ramps



Backwater Ponds

- Serves as a refuge
 - Egg
 - Larvae
 - Adult

Evaluate Structures and Features

Refugia

- Razorback Sucker
 - Ponds 1,2,4 and 6



- Bonytail
 - Ponds 2 and 3

Refugia

- What may be interfering with our success??
 - Non-natives
 - Disease
 - Birds
 - Learning Curve

Refugia



Monitoring

- Water Quality
 - Temperature
 - Dissolved Oxygen
 - -pH
 - Conductivity

Structures and Features



Not Just for Fish

- Western Red Bat
- Western Yellow Bat
- Yuma Clapper Rail
- Western Least Bittern

Not Just for Fish

- Osprey
- Pelicans
- Cormorants
- Waterfowl
- Raccoon
- Beaver
- Coyotes



