Initiation of studies of razorback sucker survival in lower Colorado River Reach 3

Patterson, Karam, Kesner and Marsh
• 38,000 repatriated between 2006 and present

• Spawning sites located
  • Wydoski and Mueller 2005, Wydoski et al. 2010

• Population estimates?

• Survival?
Goals

I. Current population

II. Survival factors
Area of focus

- Davis Dam to Needles
- Spawning sites
Methodology

• Remote PIT scanners
  – Swift and still waters
  – 24 hour monitoring
  – Reduce handling
Remote PIT Scanners

- Successful in Lake Mohave
  - Kesner et al. 2012
Methodology

• Assess numbers of 134 kHz tags

• Health monitoring

• Genetics
Addressing Goal I.

• Population estimates

• Amalgamate data
  – Data! Data! Data!
Goal II.

- Survival estimates
  - Size at release
  - Location, time of year
  - MARK
Sooo....

• That’s the plan