

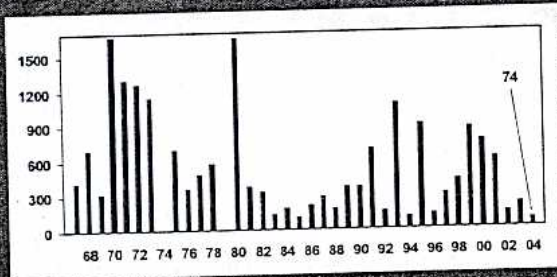
Trends from IEP Long-term Monitoring Surveys

Interagency Ecological Program

- Data from IEP long-term monitoring
- Consistent methods and sites
- Mandated by Water Rights permits and Biological Opinions

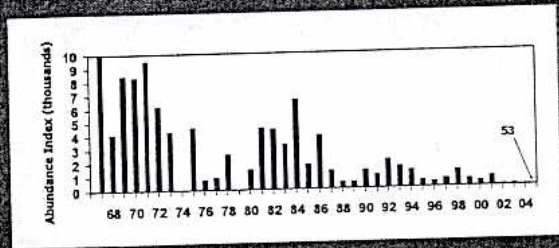
Fish Trends

1. Delta Smelt (native)



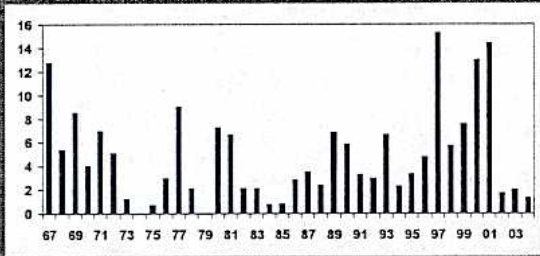
Fish Trends

2. Striped Bass (introduced)



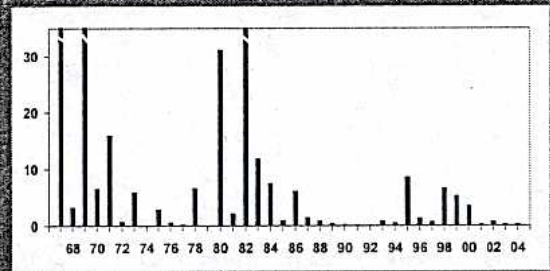
Fish Trends

3. Threadfin shad (introduced)



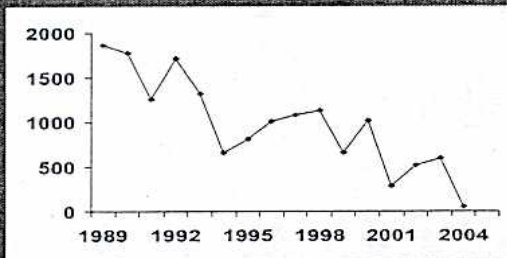
Fish Trends

4. Longfin Smelt (native)



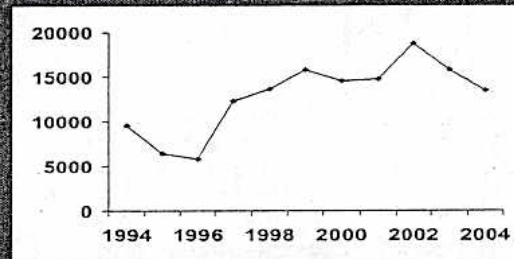
Zooplankton Trends

Pseudodiaptomus forbesi (introduced)



Zooplankton Trends

Limnithona tetraspina (introduced)



Possible Causes "The Usual Suspects"

- Toxics
- Food Web
- Exports

Next Steps

- Develop workplan
 - Hypotheses
 - Extensive analyses of existing data
 - New research
 - Identify funding and resources needed
 - Close collaboration with CBDA and others
- Carry out identified work
- Results will be shared as available