

Santa Ana Sucker Conservation Team

May 15, 2015

The Conservation Team Budget
and Priority Studies

Budget

	FY12-13	FY13-14	FY14-15
Total Revenue	\$46,000	\$41,000	\$41,000*
Total Cost	\$71,469	\$42,104	?
Remaining revenues	\$25,469	\$1,104	

*\$8,000 of it is a placeholder in Conservation Team member's agency budget

Research Areas:

1. **Regularly survey** the current distribution of suckers within the river system;
2. Locate areas where suckers are **currently spawning** and areas where habitat modification could result in spawning;
3. Document the importance of **larval drift** from spawning areas in fish distribution;
4. Identify **suitable tributaries** along the Santa Ana River for spawning and refugia;
5. Further refine knowledge of **habitat preference** if each of the known populations, *i.e.* preferred depth of water, preferred velocity of water, preferred substrate and preferred cover (shading from canopy), preferred temperature;
6. Determine **residence time** in different tributaries and the seasonality of adult distribution;
7. Conduct studies relating sucker **age to size**;
8. Determine when suckers reach **sexual maturity** in the Santa Ana River system;
9. Conduct **genetic studies** to distinguish if the sucker found in the Santa Ana River is genetically distinct from suckers in other locations;
10. Determine the effect of **predation** on the sucker, e.g. brown trout , green sunfish or largemouth bass and determine what other species can occupy habitat with the sucker without detriment, and;
11. Develop **pilot projects** for in-stream restoration.