

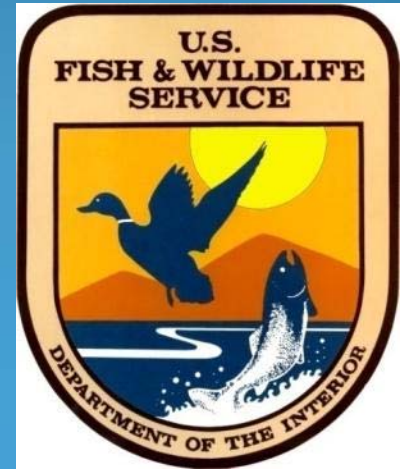
SAN RAFAEL VALLEY

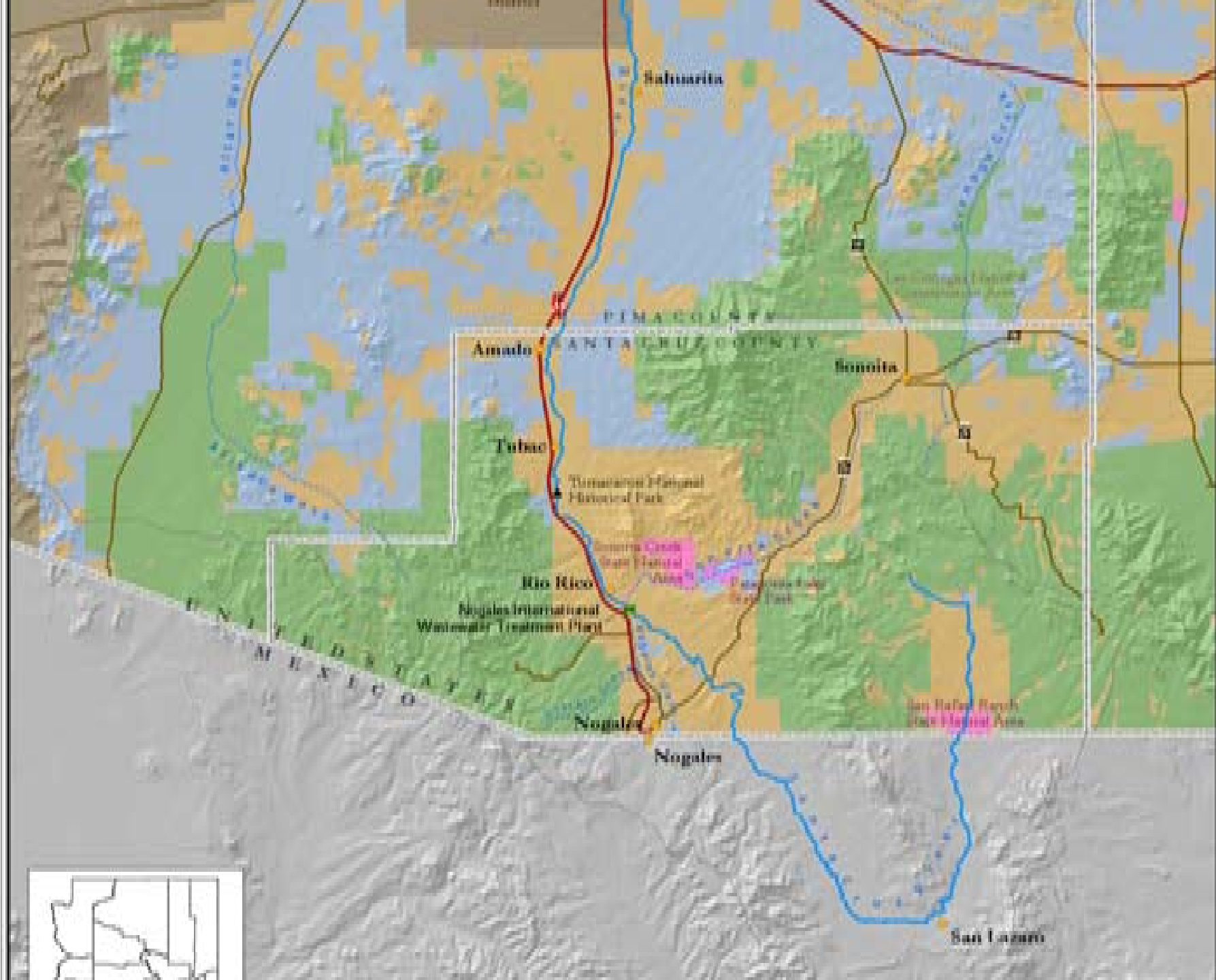
Fisheries surveys



Doug Duncan – USFWS

Ross Timmons - AGFD



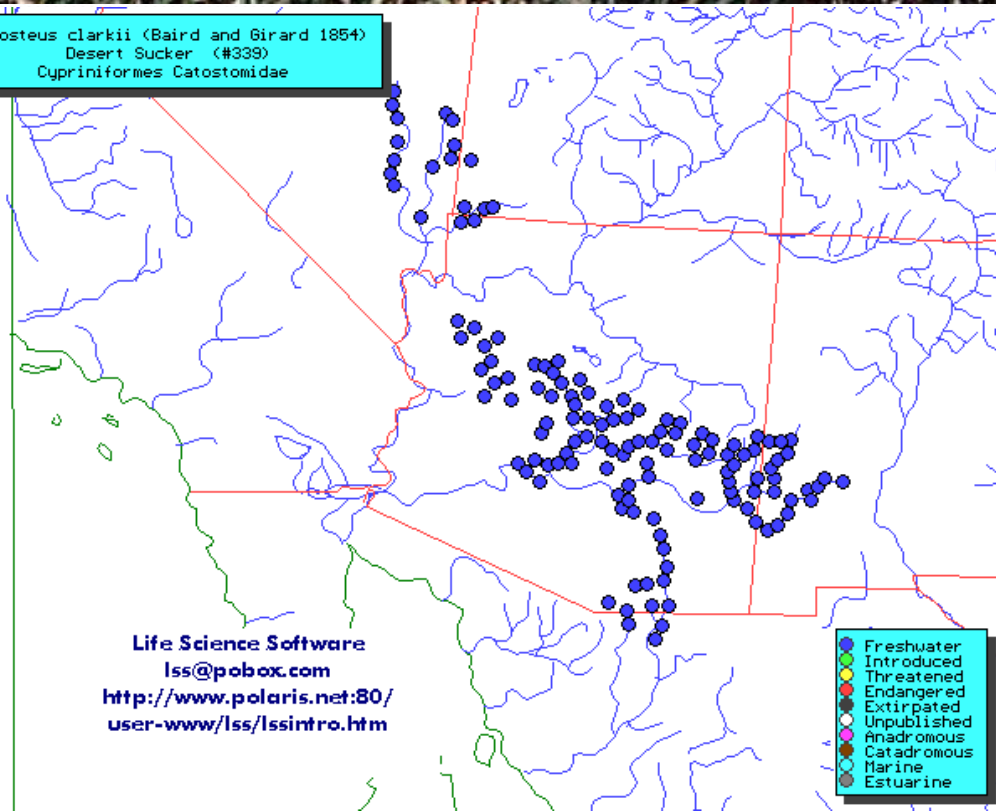




desert sucker



Pantosteus clarkii (Baird and Girard 1854)
Desert Sucker (#339)
Cypriniformes Catostomidae



Santa Cruz pupfish

© John Rinne



EXTINCT

Endangered with critical habitat

Gila chub



Endangered with critical habitat

Gila topminnow



Endangered

Sonora sucker

John N. Rinne



longfin dace

© John Rinne



© Dean A. Hendrickson



Gambusia!



American bullfrog



Phil Rosen

Green sunfish

















	1930s	1940s	1950s	1970s	1980s	1990s	2000s
mosquitofish							
Green sunfish							
Largemouth bass							
Fathead minnow							
Black bullhead							
Gila topminnow							
					Sheehy 79-87	River 76-93	Sharp 79-01 Heron 06
Longfin dace							
Sonora sucker							
Desert sucker							
Gila chub							

