

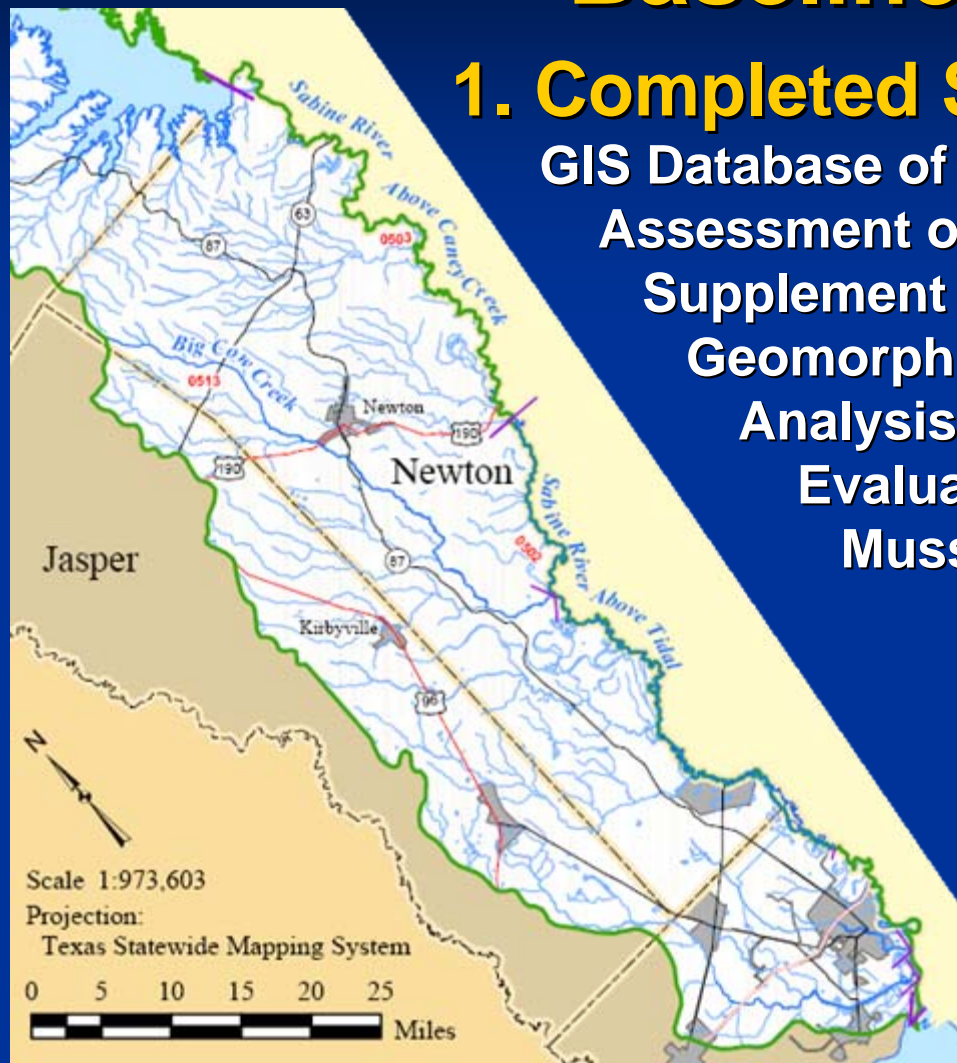
Collect and Evaluate Baseline Information

1. Completed Studies

GIS Database of Historic Data/Studies
Assessment of Hydrologic Alteration Software
Supplement Existing Biological Data
Geomorphic Classification
Analysis of Existing Biological Data
Evaluation of Geomorphic Equilibrium
Mussel Survey

2. Ongoing Studies

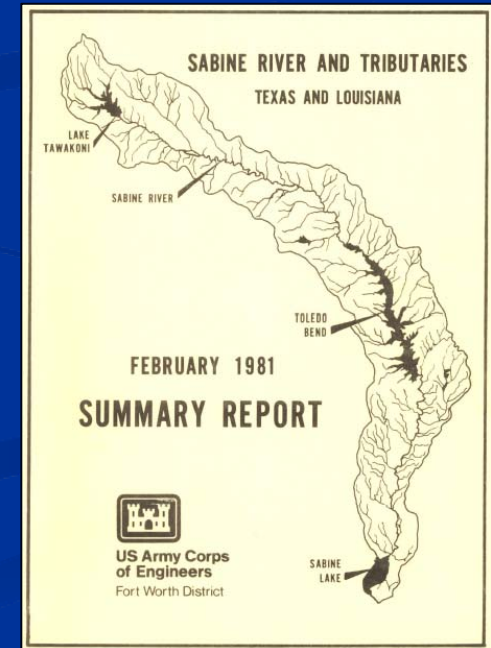
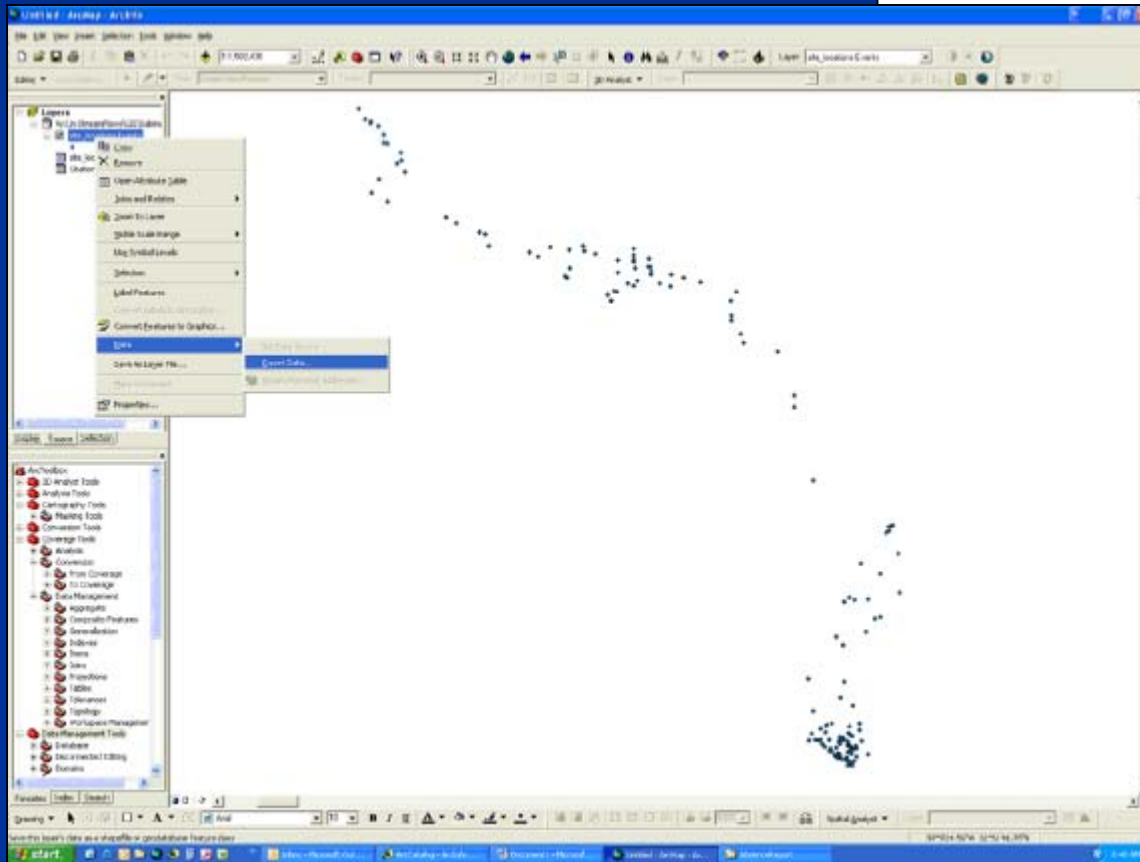
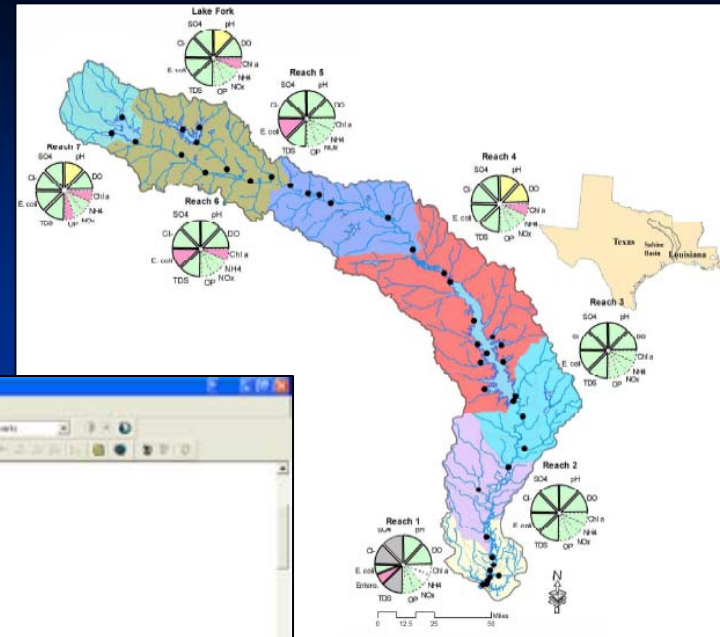
Large Woody Debris
Geomorphic Units
Mussel Habitat
Riparian Study Methods
Historic FEMA/HEC-RAS X-S
USGS Streamgaging X-S



<http://www.twdb.state.tx.us/instreamflows>

GIS Database of Historical Data

SRA-TX
October 2005



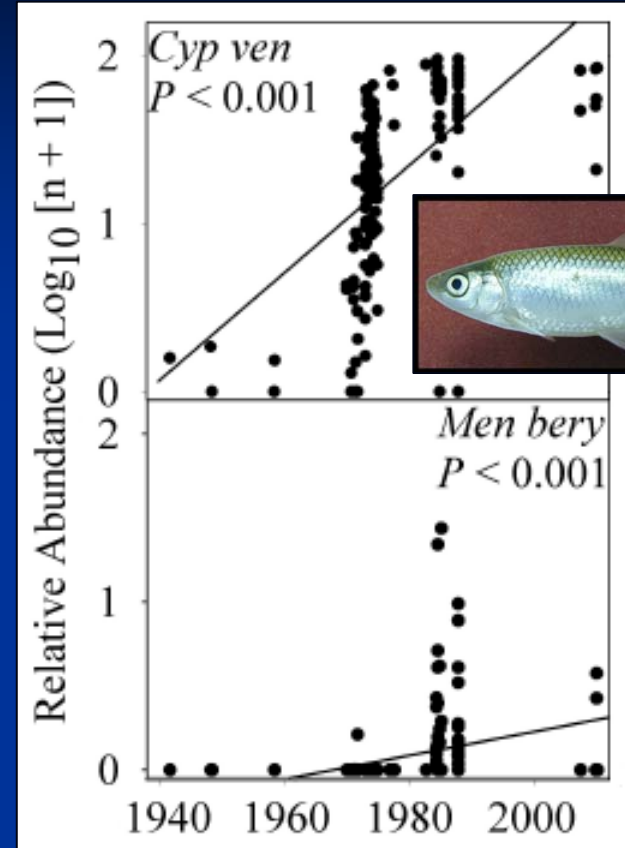
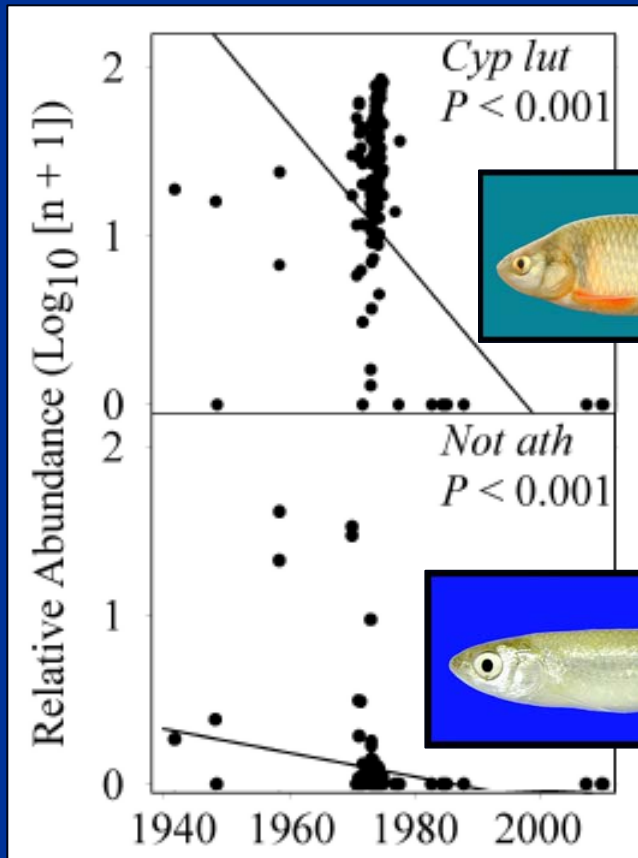
Supplement Existing Biological Data

SRA-TX & TPWD
February 2007



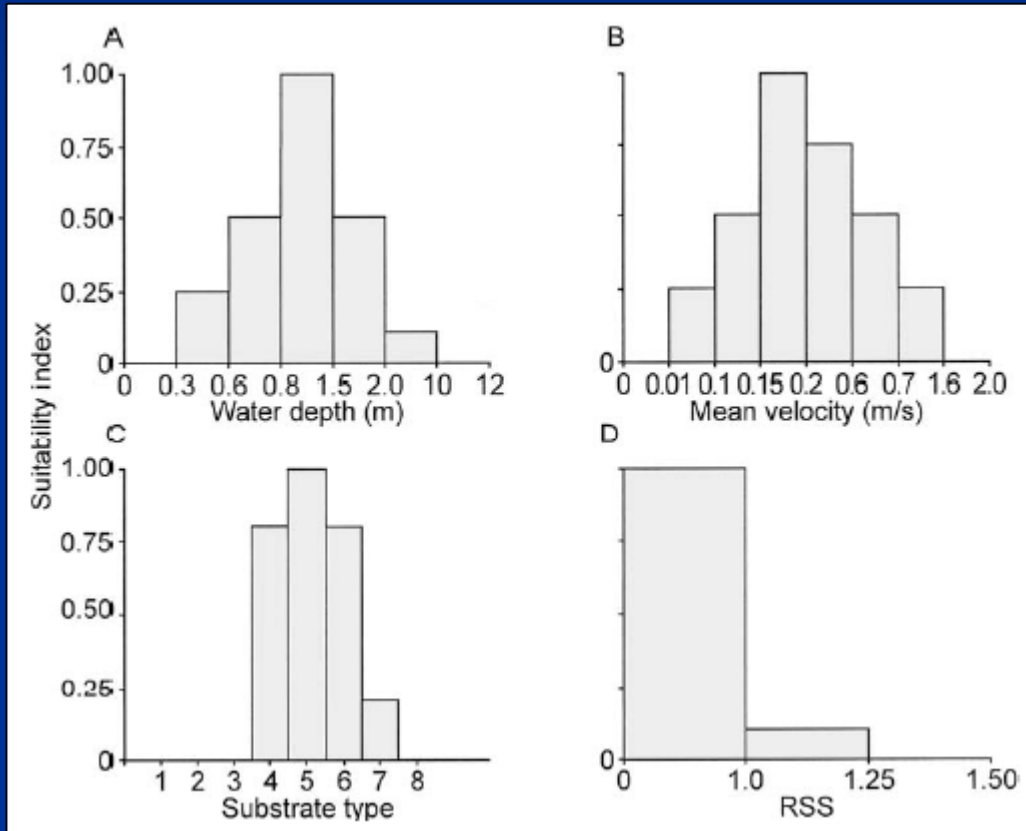
Analysis of Existing Biological Data

Bonner, TSU
July 2007



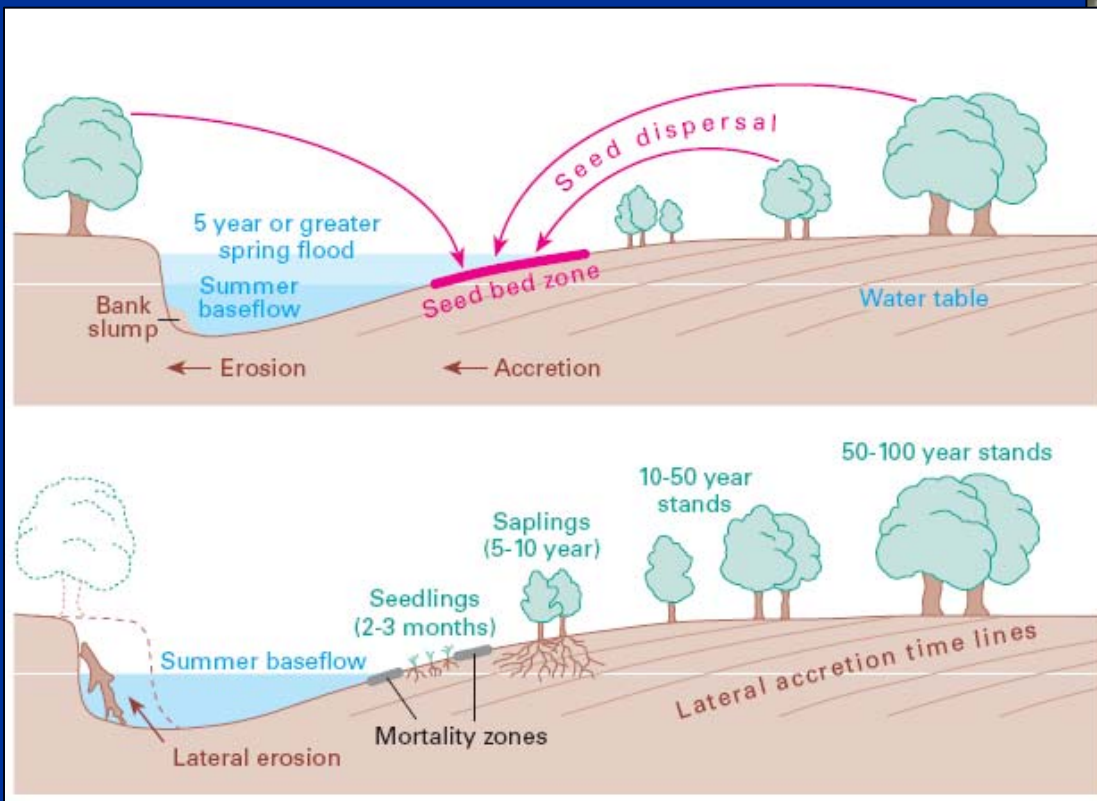
Substrate and Hydrodynamic Conditions of Mussel Beds

Kennedy, UNT
December 2008



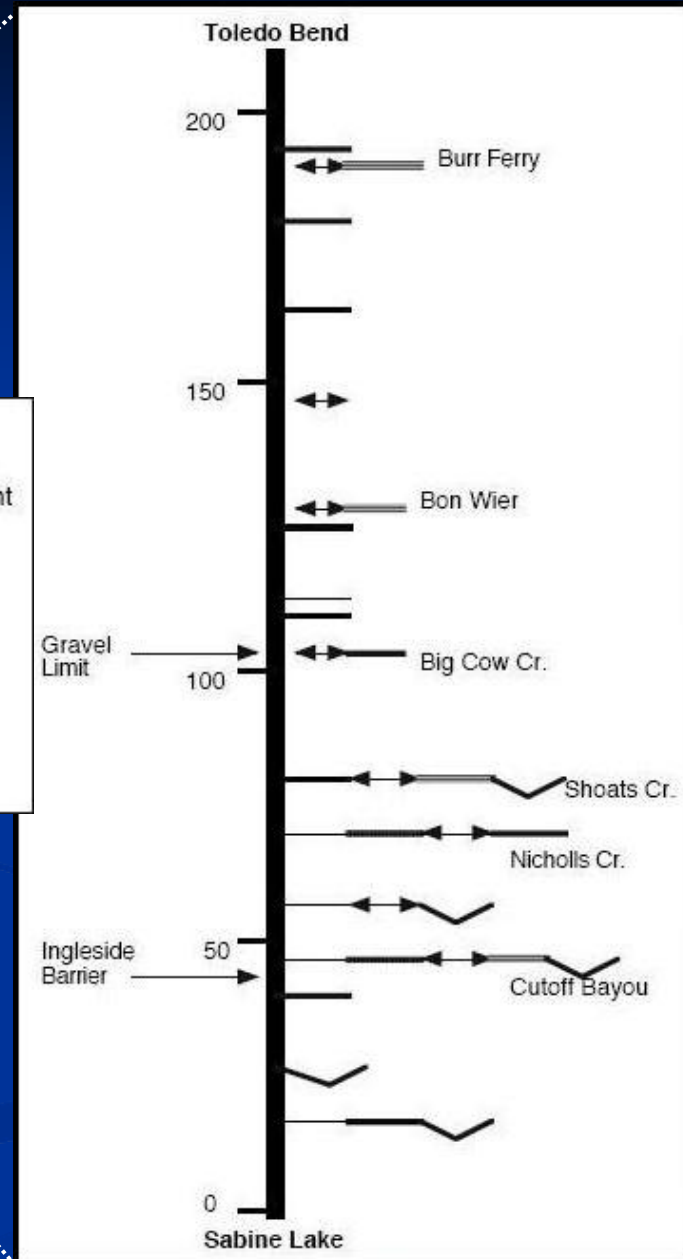
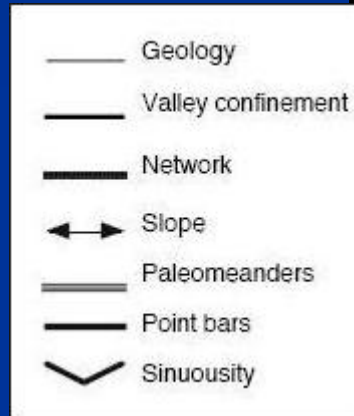
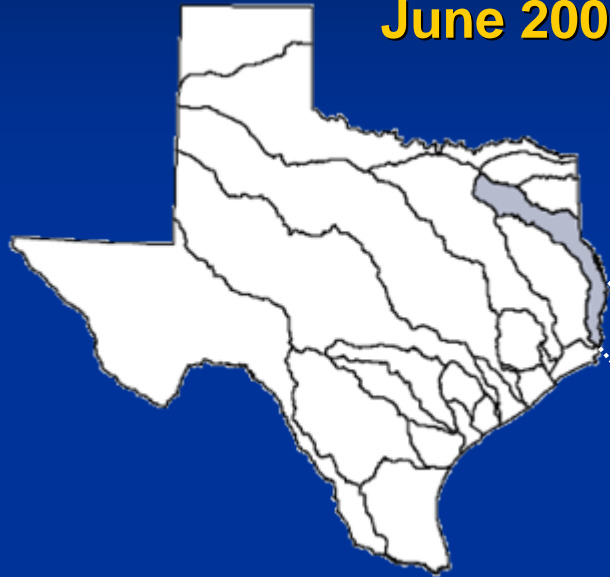
Riparian Area Survey Methodology

Williams & McBroom, SFASU
April 2009



Geomorphic Classification

Phillips & Slattery, TCU
June 2007



Geomorphic Process Zones		SRA-TX Mileage
Upstream	Downstream	
Toledo Bend	Burr Ferry	146-131
Burr Ferry	Bon Weir	131-91
Bon Weir	Big Cow Creek	91-70
Big Cow Creek	Shoats Creek	70-54
Shoats Creek	Cutoff Bayou	54-29
Cutoff Bayou	Sabine Lake	29-0