Studies of the Springs of the Trans-Pecos Region of Texas

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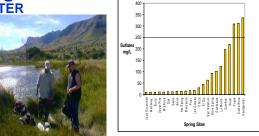
April 11-14,2005

SAN MARCOS, TX

All Springs

This Study focuses on collecting current water quality data for West Texas springs. Historic and current data on ground water systems in the Trans-Pecos region is being compared and analyzed for trends in water quality and flow. It provides a broader baseline of water quality data for this region of Texas. Biota of the springs are being studied by use of Rapid Bioassessment Protocols.

Dates Project began 7/1/2004 and is continuing. Funding to 6/30/2006





TERRELL

Marathon



Field Measures

Goals

Air Temperature Latitude/Longitude Water Temperature Conductivity pH Dissolved Oxygen Flow

Methods

Collecting Water Samples

All water samples collected utilizing EPA and TCEQ guidelines

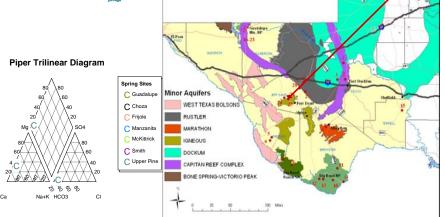
for sampling and holding times.

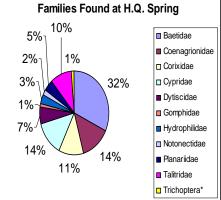
Each site:

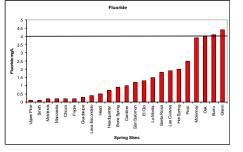
Nutrients

Metals; Se, Hg, As, Ag, Mn, Cr, Fe, Ca, Na, Mg, K, Si, P, B, Al, Sr & Ti

Aquatic invertebrates & vertebrates – Provide species list







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