

3.) Assess THg concentrations in Tricolored Bats to the toxicity threshold for Hg

Total Mercury (THg) Levels in Tricolored Bats (*Pipistrellus subflavus*) in East Central Texas

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Figure 2: 1) Study site in Freestone County in Texas 2) Age, sex, and body mass were measured, and bat fur collected 3) THg was analyzed using an MA-3000

Results



Figure 3: Total mercury concentration in 57 bat fur samples Red line: Toxicity threshold of 10000 ug/Kg







Results (continued)

Location	Sample size	Hg concentration
Freestone County, Texas	57	5081 +/- 2977 ug/Kg
Austin, Texas	69	6040 +/- 3150 ug/Kg
Northeastern U.S.	29	740 ug/Kg
Central Texas	21	4000 ug/Kg