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Thesis Defense
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Review of *Toxomerus* Macquart, 1855 in Texas
(Diptera: Syrphidae)

The true fly genus *Toxomerus* belongs to the Dipteran family Syrphidae that is commonly known as flower flies or hover flies. These flies are ecologically beneficial in two forms of agricultural protection: biocontrol and pollination. Even with Dipterans being found across all continents and almost all habitats, with exceptions to open seas, the family Syrphidae of North America, south of Canada, and north of Mexico, falls within an underdeveloped scientific research zone. This study evaluated the species richness, distribution, and morphology of *Toxomerus* species found in the state of Texas, United States. With this information, a species key of Texas and character matrix was produced.

Event Information

Date: March 28, 2023

Time: 3:00 PM

Location: LSB 400M

Committee Members

Dr. Jerry Cook

Dr. Tamara Cook

Dr. Sibyl Bucheli



Sam Houston State University

PUBLIC DEFENSE ANNOUNCEMENT