Survey of the Bee Genus *Andrena* (Hymenoptera: Andrenidae) in the Trans Pecos Region with an Assessment of Biogeography and Discovery of Isolated Sky Island Species

The genus *Andrena* (Andrenidae) is a species rich group of ground nesting solitary bees containing ~1,500 species worldwide. Sky Islands are high elevation mountain areas that have distinctly different vegetation and climates compared to the low elevations below them. Throughout the Southwestern United States there are many of these high elevation Sky Island mountains scattered throughout vast stretches of low elevation desert environments. During this study, 29 species of *Andrena* were identified in Trans Pecos region of west Texas, biogeography was determined for each species, key to species was created, and six species of *Andrena* were discovered to be isolated to Sky Island environments.

**Event Information**
- Date: June 5th, 2023
- Time: 11:00am - 1:00pm
- Location: LSB 415

**Committee Members**
- Dr. Jerry Cook
- Dr. Tamara Cook
- Dr. John Pascarella