



## Colorado Science and Engineering Fair

## 2025 Individual Project Abstract Form

**Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.**

Title of Project: The Differences in Temperature and Moisture Between the Pogonomymex Occidentalis and the Pogonomymex Rugosus

Finalist's Name: Kellen McClure

School and City: Rocky Ford Jr-Sr High School

Sponsor's Name: Jason Bacolod

Category: Animal Sciences

Division: Junior (grades 6 - 8)

Abstract (250 words or less):

I noticed that red ants have conical dens when red and black ants have flat ant dens. I wanted to see if the shape of the dens effects the temperature and moisture of the dens. To find this I used a temperature and moisture probe and stuck them into the ground to take the measurements. During this I found out that the red ant dens actually hold moisture better than the red and black ant dens.

*I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.*

Finalist's Signature: *Kellen McClure*

Date: *2/14/25*

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with you Finalist Verification/Permission Form. **A signed copy of this form must be included in your notebook.**