

Ben Shannon, Biological Sciences

University: Truman State University

Year in School: Senior

Hometown: Hannibal, Missouri

Faculty Mentor: Dr. Paul Porneluzi, Central Methodist University

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Microhabitat selection by cave salamander (*Eurycea lucifuga*) as it relates to relative humidity and temperature

Ben Shannon, Nick Oakley, and Paul Porneluzi

Depending upon external conditions the twilight region of a cave can vary in temperature and humidity over time. Abundance of cave salamanders was observed to see if they selected for a more suitable microhabitat depending upon these conditions. The twilight region of two caves were marked off in five meter zones. Relative humidity, temperature, and number of specimens were recorded in each zone. Data was analyzed for statistical correlation. This species is especially important to study due to the scarcity of its natural habitat.