

# Tanner Hammond

## EDUCATION

Ohio University | Athens, OH

May 2025

*B.A. Biological Sciences — Environmental*

*B.S. Geography — Environmental*

*Certificate in Geographic Information Science (GIS)*

*Certificate in Environmental Studies, Sustainability, and Resilience*

### Relevant Coursework:

- **Ecology/Field Biology:** Wildlife Habitat Management, Animal Conservation Biology, Field Ecology, Biogeography, Restoration Ecology, Plant Ecology, Field Methods in Geography
- **Physical World & Policy:** Climatology, Principles of GIS, Principles of Remote Sensing, Global Issues in Environment, Climate Change Policy & Politics, Environmental Science & Policy, Biological Research Ethics

Southern State Community College | Hillsboro, OH

May 2021

*Associate of Science, General*

## RESEARCH INTERESTS

Mammals, landscape ecology, spatial dynamics of wildlife, global change ecology, camera traps and similar remote monitoring technologies, computational methods in ecology (ex: machine learning, computer vision), citizen science data

## PUBLICATIONS

**In Review** Weeks, B.C., J.S. Berv, Y. Cho, I. Clark, M. Cole, A.M. Ferentinos, J. Fuller, M. Guza, **T. Hammond**, Z. Li, C.M. Probst, S.W. Yanco, M. Ziebell, H. Zou, and M. Zimova. Exploring the data demands and global opportunities for reconstructing morphological responses to climate change. *Evolutionary Ecology*.

## OTHER PROJECTS

**Current** **Extraction of Color from Snowshoe Hares using Computer Vision.** Experimental independent project aimed at training image segmentation models on snowshoe hares to extract color information. In early development. Role: Sole Researcher

**Current** **Integrated species distribution modeling for three weasel species (least, long-tailed, short-tailed) in Ohio and Indiana using camera trap, citizen science, and museum data.** Research article in development collaborating with researchers from Ohio University, Purdue University, Ohio Department of Natural Resources and Cleveland Metroparks. Role: Project Lead

**2024** **Scale-dependent responses by white-tailed deer to habitat configuration and fragmentation.** Capstone research project for completion of B.S. in Geography degree at Ohio University. Role: Sole Researcher [[PDF](#)]

## WORK EXPERIENCE

June 2025–Oct 2025 **Invasive Species Field Technician**, McCleery Lab, University of Florida

Aug 2024–June 2025 **Research Assistant (Undergraduate)**, Zimova Lab, Ohio University

June 2024–Aug 2024    **College Intern — Geographic Information Science**, Ohio Environmental Protection Agency

May 2023–Aug 2023    **Biological Science Aid**, Hopewell Culture National Historical Park, National Park Service

June 2022–Jan 2023    **Trail Intern**, Ross County Park District

## LEADERSHIP EXPERIENCE

May 2024–May 2025    **Treasurer**, Climate and Sustainability Ambassadors Student Organization, Ohio University

## CONFERENCE & PROFESSIONAL PRESENTATIONS

\* indicates presenting author

- 2025**      **Hammond, T.\***, M. Cole\*, C. Hetrick, N.W. Byer, J.D. Cepek, C. Dennison, B. Kohli, E. Wyza, and M. Zimova. *Hide and sneak: mapping distributions of elusive mustelids in Ohio*. Poster presented at American Society of Mammalogists (ASM) Annual Meeting. West Lafayette, IN. [[PDF](#)]
- 2025**      **Hammond, T.\***, M. Cole\*, C. Hetrick\*, and M. Zimova. *The real weasels of Ohio: where are they now?* Poster presented at Ohio University Student Expo. Athens, OH. [[PDF](#)]
- 2024**      **Hammond, T.\*** *Choice of scale can change outcomes in ecological studies: the case of white-tailed deer*. Poster presented at Ohio University Geography Department Senior Symposium. Athens, OH. [[PDF](#)]

## PROFESSIONAL DEVELOPMENT

- 2025**      Introduction to Meta-Analyses & Systematic Reviews for Mammalogists Workshop. At the American Society of Mammalogists (ASM) Annual Meeting. West Lafayette, IN.

## AWARDS

- 2025**      Undergraduate Student Research Poster Award. Ohio Center for Ecological and Evolutionary Studies (OCEES), Ohio University. Amount: \$200.
- 2024**      Taskey-Civivello Family Scholarship in Geography. Department of Geography, Ohio University. Amount: \$300.

## CONFERENCE ATTENDANCES

- 2025**      American Society of Mammalogists (ASM) Annual Meeting. West Lafayette, IN.
- 2024**      Ohio Wildlife Management Association (OWMA) Annual Conference. Columbus, OH.