



# RIVERSIDE

DEPARTMENT OF ENTOMOLOGY  
Entomology Seminar Series



## Speaker:

Jayme Lewthwaite, Ph.D.

**Date:** Monday, March 17th, 2025

**Time:** 4:00 pm - 5:00 pm

**Format:** In-Person Seminar & Virtual Access

**Location:** Genomics Auditorium, Room 1102A

**Zoom:** 952 1906 3064

**Passcode:** 505445

## Title:

"Harnessing biodiversity "big data" to untangle insect responses to global change and improve conservation outcomes"

## Abstract:

Insects are declining at an alarming rate, but there is huge variation both within species and between species in their responses: while many are rapidly declining, others are thriving or expanding. In this seminar, I will outline how we can harness data from a variety of sources (e.g. community-sourced data such as iNaturalist, museum data, targeted field collection) and leverage advanced distribution models and genomic data to untangle the abiotic and biotic drivers of this variation in responses, and translate these findings into on-the-ground conservation actions.

<https://ucr.zoom.us/j/95219063064?pwd=QN4ZjAagOar0nDRNt6Fn8iELW0UPFK.1>

*Refreshments will be served in the Entomology Building at 3:00 pm*