



RIVERSIDE

DEPARTMENT OF ENTOMOLOGY
ENTM250 Seminar Series



Speaker:

Dr. David Holway

Professor of Ecology, Behavior & Evolution
University of California, San Diego

Date: Monday, October 26, 2026

Time: 3:30 pm - 4:30 pm

Format: In-Person Seminar & Virtual Access

Location: Genomics Auditorium 1102A

Zoom: 997 1360 0858

Title:

“Large-scale removal of introduced ants as a test of community reassembly.”

Abstract:

Species introductions are a costly and pervasive form of environmental change that cause impacts including degraded ecosystem services, agricultural damage, and species extinctions. Surprisingly little information exists, however, regarding the capacity of ecosystems to recover after introduced species removal. Here I will discuss the reassembly of native ant assemblages following the landscape-scale removal of the Argentine ant from Santa Cruz Island, California. A prominent urban and agricultural pest, the Argentine ant is also an ecologically disruptive invader. This species displaces other ant species, and its removal makes it possible to examine how native ants recover genetic diversity, species diversity, community structure, and ecological function. The insights gained from this relatively simple model ecosystem will provide general insights into how other ecosystems might recover from the impacts of invasive species, and perhaps other types of ecological disruptions.

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