

## Posters

Maia Beh

Ambrisia beetles show an increased attraction to Big Sur region

Vitor Fontes

Spill-over of Brazilian native pathogen to an exotic host: eucalyptus

Yao Hua Law

Perceived density of conspecifics elicits density-dependent cannibalism in the insect *Geocoris pallens*

Shawn Kefauver

Remote Sensing of bioindicators for forest health assessment

Zack Steel, M. Wilkerson, P. Grof-Tisza, K. Sulzner

Species vulnerability in an uncertain future

Yonghua Wu

Bi-directional introgressive hybridization between *Lepus capensis* and *L. yarkandensis*

## Acknowledgements

Many thanks to everyone who has volunteered to help make the 2010 Graduate Student Symposium in Ecology possible, including: Dr. Roland Knapp, Silvia Castillo-Hillyer, the organizing committee: Richard Cobb, Kristy Deiner, Kristen Dybala, Anna Stevenson, Sarah Gravem, Libby Porzig, Jens Stevens, Lydia Beaudrot, the presenters, moderators, time keepers and set up/clean up crew. Special thanks to the UC Davis Graduate Student Association for awarding special project funding and to Starbucks for donating coffee.

# 3<sup>rd</sup> Annual Graduate Student Symposium in Ecology

Saturday

February 20, 2010

Giedt Hall

University of California, Davis



## Schedule

- 8:15 Sign in, poster set up and breakfast
- 9:00 Welcome
- 9:05 Keynote address: Roland Knapp  
Fish stocking impacts to Sierra Nevada ecosystems:  
promise and peril of policy-relevant science
- 9:45 Coffee break

## Session I

- 10:00 Lauren Camp  
Phylogenetic analysis of parasitic Cephalochoidea  
(Nematoda)
- 10:15 Ian Pearse  
Relatedness to a native and leaf traits predict  
herbivory on non-native oaks
- 10:30 Kelly Garbach  
Spatial patterns and availability of multiple  
ecosystem services: the effects of restoration  
plantings in an agricultural ecosystem
- 10:45 Jamie Shields  
Forest structure and fuels vary by topography in  
Sierra Nevada active-fire stands
- 11:00 Chris Mallek  
Strength and uniformity of serotiny in a  
California cypress
- 11:15 Break

## Session II

- 11:30 Katie Holzer  
Amphibians in the city: factors influencing pond-  
breeding frogs and salamanders in Portland, OR

- 11:45 Kristen Dybala  
Seasonal survival rates in song sparrows
- 12:00 Margaret Swisher  
California ground squirrel (*Spermophilus beecheyi*)  
antipredator alarm call behavior: persistence of  
alarm call in the absence of a predator
- 12:15 Sarah Gravem  
Predator avoidance initiates trophic cascades in  
tidepool communities

## 12:30 Lunch and Poster Session

## Session III

- 1:45 Stella Copeland  
Effects of simulated nitrogen deposition and dry season  
precipitation on plant growth, reproduction, and soil  
fertility in a Neotropical savanna
- 2:00 Elise Tulloss  
Nitrogen deposition hotspots and gradients in northern  
California oak savannas
- 2:15 Alison Marklein  
Nitrogen inputs accelerate Phosphorus mineralizing  
enzymes across a wide variety of terrestrial  
ecosystems
- 2:30 Scott Morford  
Bedrock Nitrogen inputs to northern California  
temperate forests
- 2:45 Sarah Myhre  
The movement of anoxic waters during climate  
transitions, Santa Barbara Basin

## Closing