

Posters

Charlotte Decock

The effect of elevated CO₂ and O₃ on sources of N₂O emissions in a soybean agroecosystem

Kristen Dybala

Seasonal survival rates in Song Sparrows

Steven Fonte

Earthworms, soil fertility, and organic matter dynamics in the Quesungual agroforestry system of western Honduras

Marguerite Mauritz

*The future of two California bunchgrasses *Nassella pulchra* and *Bromus carinatus*: Do competition with exotic annual grasses and altered precipitation regime affect the quality of native grass seed?*

Marit Wilkerson

What to plant in Central Valley hedgerows: success of native flowering forb mixes at three densities

Acknowledgements:

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Graduate Student Symposium in Ecology



*Saturday,
February 7,
2009*

*Giedt Hall
University of California,
Davis*

Schedule

7:45 Sign in, poster set up and coffee

8:30 Welcome

8:35 Keynote Address: Nils Warnock

9:25 Coffee break

Session 1

9:40 Richard Cobb

Survival analysis for ecologists: overview and a forest management application

9:55 Chris Dolanc

Shifting structure of high-elevation tree stands in the central Sierra Nevada, USA

10:10 Sarah Dalrymple

An investigation of the complex interactions among fire, ants, forest floor fuels, and trees in Eastern Sierra forests

10:25 Steven Fonte* and Johan Six

Earthworms and residue inputs drive soil organic matter stabilization and fertilizer dynamics in Quesungual agroforestry system

10:40 Marit Wilkerson

Indirect effects of domestic and wild herbivores on butterflies in an African savanna

Break

Session 2

11:10 Iara Lacher

A Distributed Graduate Seminar to Analyze the Priorities, Obstacles, and Opportunities that Exist for the Implementation of State Wildlife Action Plans

11:25 Bret Beheim

Inheritance and Ecology: Evolution of Canoe Traits in East Oceania

11:40 Neil Kelley

Diversity, distribution and paleoecology of Triassic marine reptiles

11:55 Morgan Kelly

*Climate change and evolutionary potential: geographic variation in thermal tolerance in the copepod *Tigriopus californicus**

12:10 Lunch, Poster Session and Haikus!

Session 3

1:30 Kurt Vaughn

Short-term Priority Influences Competitive Ability of Native Perennial Grasses

1:45 Alex Van Dam

Impact of Off-Road Vehicle Use on Dune Endemic Coleoptera

2:00 James McConaghie

The influence of land cover on nitrogen and water flux in small urban watersheds.

2:15 David Harris

When will invasive species homogenize or differentiate communities? An occupancy-based null model

2:30 Shawn Acuna

*Dietary effects of *Microcystis aeruginosa* on Sacramento splittail, *Pogonichthys macrolepidotus*.*

Break

Session 4

3:00 Ryan Boyko

The willing cuckold: optimal paternity allocation, infanticide and male reproductive strategies in mammals

3:15 Lydia Beaudrot

Why orangutan males don't kill infants

3:30 Kelly Smith

Multi-Attribute Mate Choice Decisions and Uncertainty in the Decision Process: A Generalized Sequential Search Strategy

3:45 Corin Boyko

Mathematical models useful for forming hypotheses about how behavior affects primate group sizes.

4:00 Closing and Prizes