



BIOSPHERE

The Weekly Bulletin of Biology

Biology Colloquium: Friday, 20 November 2015, 2:00 pm in CR 5125

“Interactions Across Scales in Ecology and Evolution”

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ePortfolio Workshop

This Wednesday, 18 November from 12–1 pm, we are having a workshop on how to use Portfolium in CR 5329. Bring a mug shot (no sunglasses), cover images for your professional products, and PDFs or links to your work. All students are welcome.

New Publication

Peter Petraitis and Dr. **Steve Dudgeon** have a paper in *Ecology*: “Variation in recruitment and the establishment of alternative stable states.”

Garden Clubs Fund Students!

Nickie Cammisa recently received the Sherman Oaks Garden Club scholarship (\$1000).

Stevie Morley received the Toluca Lake Garden Club scholarship (\$1500).

Biology was a Force at WSN

CSUN Biologists were the super power at the meeting of the Western Society of Naturalists. What follows are citations with only the lead author and other elements omitted to save space.

- **Stephanie Benseman** received the *Rafe Sagarin Award for Best Paper in Observational Ecology*. This is a new award that was established this year to recognize students conducting creative research that includes a strong component of observational ecology. Her talk was: “The secret life of baby giants, the recruitment of the endangered giant sea bass.”
- **Joshua Manning** received an honorable mention for *Best Student Poster*. His title: “Effect of ocean acidification and warming on three crustose coralline algae species found on the reefs of Moorea.”
- **Hannah Nelson** received an honorable mention for *Best Student Presentation in Population and Organismal Biology* for her talk:

“Allometry and integration constrain Caribbean octocoral morphology.”

OTHER TALKS

- **S. Bayliss:** “Genetic diversity in symbiont response to increased nutrients”
- **J. B. Bergman:** “Nutrients induce and herbivores maintain structural defenses against herbivory in *Turbinaria ornata*”
- **L. Bramanti:** “Underwater gorgonian forests in the U.S. Virgin Islands: the effect of canopy structure on current flow and turbulence”
- **C. Button:** “Nontrophic effects of the sea hare, *Aplysia californica*, on the rhodophyte, *Plocamium cartilagineum*”
- **JR Clark:** “Courting behavior of giant sea bass”
- **S. Dudgeon:** “Variation in recruitment and the establishment of alternative states”
- **P. Edmunds:** “A cryptic regime shift in benthic community structure on shallow reefs in St. John”
- **S. Ginther:** “The effect of an invasive alga on the recruitment of a popular sport fish at Santa Catalina Island”
- **M. D. Kurman:** “The short and long term physiological response of the cold-water coral *Lophelia pertusa* to ocean acidification”
- **S. Merolla:** “Effects of ocean acidification and water flow on calcification for different morphologies of coralline algae”
- **A. Mutti:** “Mussels on the menu? investigating prey preference in invasive European green crabs”
- **L. Reidenbach:** “*Ulva* growth rates in sub-saturating light were affected by ammonium enrichment, but not ocean acidification”
- **J. Smolenski:** “Burrowing invertebrates are differentially distributed between color morphotypes of the coral *Porites astreoides*”
- **G. Srednick:** “The influence of the physical structure of an invasive alga on the distribution of fishes”
- **M. Steele:** “Rapid response of kelp bass size to changes in fishing regulations”
- **D. Sternberg:** “Impact of persistent *Aspergillo* infections on Caribbean sea fan populations”
- **C. J. Won:** “Spatial characterization of barred sand bass spawning aggregations using active acoustic technology”

OTHER POSTERS

- **M. Al-marayati:** “Rugose microhabitats affect octocoral distribution on coral reefs in St. John”
- **N. Cammisa:** “Genotypic variation in response to mutualists and drought in an invasive plant”
- **R. Dauksis:** “Evaluating fish assemblages in eelgrass beds at Santa Catalina Island”
- **A. Estrada:** “Density, size structure, and habitat associations of green abalone at Santa Catalina Island: implications for population assessment”
- **L. McFarlane:** “It's getting hot in here: effects of ocean warming on Indonesian brushtail tang”

- **B. Pena:** “Age structure and growth rates of vermilion rockfish along the California coast”
- **Z. Scott:** “Community-level effects of an invasive bryozoan across latitudes”
- **C. Wegener:** “Overgrowth of tropical octocorals by milleporid hydrocorals: recruitment or pursuit?”

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