



# BIOSPHERE

## The Weekly Bulletin of Biology

Biology Colloquium: Friday, 26 September 2014, 2:00 pm in CR 5125

### “Evolutionary and Landscape Genetic Perspectives in the Conservation of the Dunes Sagebrush Lizard”

Lauren Chan, Ph.D.  
Department of Biology  
Pomona College

#### New Publications

**Jennifer Granneman** and Dr. **Mark Steele** had a paper published in the *ICES Journal of Marine Science* titled, “Fish growth, reproduction, and tissue production on artificial reefs relative to natural reefs.” The research was part of Granneman’s MS thesis at CSUN.

*Bulletin of Marine Science* has published a paper by Dr. **Peter Edmunds**, “Large numbers of *Acropora palmata* grow in shallow water in St. John, U.S. Virgin Islands.”

#### Gearing up on Proteomics

**Darwin Martinez**, an undergraduate in Dr. **Maria Elena de Bellard**’s lab, attended a proteomics workshop at the Institute for Integrated Research in Materials, Environments and Society. CSU Long Beach is home to that institute’s technology core facility.

#### Those who Garden Please Apply

The Toluca Lake Garden Club is offering a scholarship to a CSUN student who is conducting or planning a project associated with the Botanic Garden. If you love growing plants, [APPLY](#) by 15 October.

#### Continued Funding for Steele Lab

Dr. **Mark Steele** was awarded a \$476,760 contract from the California Coastal Commission to evaluate the reproductive output, growth, and feeding success of coastal marine fishes on the 175-acre Wheeler North Artificial Reef off San Clemente. This research continues to assess whether Southern California Edison is meeting its mitigation requirements for impacts of the San Onofre Nuclear Generating Station on coastal ecosystems.

## At Meeting on Development

Students and their advisors presented at the annual meeting of the Society for Developmental Biology.

- **Victor Lewis** and Dr. **Ray Hong** presented, “It’s all in the timing: pre-hatching juvenile development in *Pristionchus pacificus*”
- **Tess Renahan** and Hong presented, “The permeability barrier in *Pristionchus pacificus* nematode embryos is disrupted by its host’s sex pheromone”
- **Nora Zuhdi, Michelle Reyes, Darwin Martinez,** and Dr. **Maria Elena de Bellard** presented, “Loss of Robo receptor enhances trunk neural crest cell migration”

## Grads Present for Park Service

Graduate students **Joey Algiers, Wendy Dunbarr,** and **Sean Dunagan** presented their research recently at the *Santa Monica Mountains Science Day Symposium* hosted by the National Parks Service in Thousand Oaks.

## Scholarship Funded by Alumnus

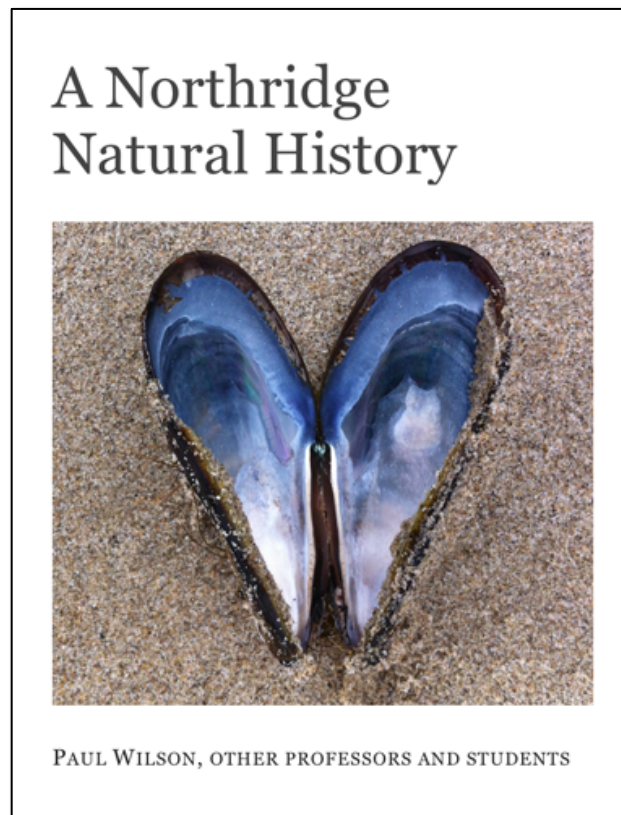
**Samuel Ginther** won the *Graduate Scholarship in Biology* provided by alumnus Dr. **Bob Luszczak, D.D.S.**

## Schiffman Speaks at USC

Dr. **Polly Schiffman** recently gave an invited presentation at USC’s Sidney Harman Academy for Polymathic Study. She discussed integrating historical natural-history accounts with scientific information to understand past ecological conditions.

## A Northridge Natural History

An iBook associated with some of our field biology classes is now available for [free from the iBooks Store](#). It runs on an iPad or a Mac using the Mavericks operating system. It introduces organisms, ecology, and evolution in the context of a series of field trips to diverse natural sites within about an hour’s drive of CSUN. Fun stuff to see on campus is presented as interludes. Undergrads majoring in Ecology & Evolution and Marine Biology will want to download the book.



## *Biosphere: The Weekly Bulletin of Biology*

Department of Biology

California State University, Northridge

Editors: Paul Wilson and Robert Espinoza

[BACK ISSUES](#) | [JOBS, ETC.](#) | [GIVE TO BIOLOGY](#)