

31st Annual
Southeastern Phycological Colloquy
Valdosta State University

Friday, October 16, 2009

- 3:00 – 5:00 **Early registration, Bailey Science Center**
5:00 – 8:00 **Registration and Mixer, Powell Hall**

Saturday, October 17, 2009

- 8:00 – 9:00 **Registration and Breakfast, Powell Hall**
9:00 – 9:20 **Opening remarks, plans for the 10th International Phycological Congress.**
(Jim Nienow, Dennis Hanisak)

Oral Presentations, Session I

- 9:20 – 9:40 **Ultrastructure and molecular evidence reveal araphid pennate ancestry for a round, undescribed tropical diatom.** Matt P. Ashworth¹, Elizabeth C. Ruck¹, Dwight K. Romanovicz¹, Christopher S. Lobban², Edward C. Theriot¹.
¹University of Texas at Austin, ²University of Guam.
- 9:40 – 10:00 **Impacts of mesograzers on epiphyte/endophyte growth on/within chemically defended macroalgae along the western Antarctic peninsula.** Craig Aumack, Charles D. Amsler, James B. McClintock, and Bill J. Baker. University of Alabama, Birmingham.
- 10:00 – 10:20 **Phototactic responses of swimmers of the Antartic epiphyte *Elachista antarctica*.** Philip Bucolo, Charles D. Amsler, James B. McClintock, and Bill J. Baker. University of Alabama, Birmingham.
- 10:20 – 10:40 **Coffee Break**
- 10:40 – 11:00 **Localization of flavonoid compounds in *Halophila johnsonii*: Light and salinity effects.** Nathan Gavin. University of North Carolina, Wilmington
- 11:00 – 11:20 **A potentially new species of *Rhoicosigma* from the Bahamas.** Michael K. Hein. Water and Air Research, Inc.
- 11:20 – 11:40 **Distribution of macroalgae on rubble structures in the Trident Basin, Port Canaveral, FL .** Karen Holloway-Adkins and Dennis Hanisak. Florida Atlantic University
- 11:40 – 12:00 **The effect of nutrient limitation on the toxicity of the dinoflagellate *Gyrodinium instriatum*.** Joann Kelly and Carmelo R. Tomas. University of North Carolina, Wilmington
- 12:00 – 1:00 **Lunch**

Oral Presentations, Session II

- 1:00 – 1:20 **Relationships between sea urchin distribution and tropical coral reef algal community composition.** Elizabeth Lacey, Ligia Collado-Vides, and James Fourqurean. Florida International University.
- 1:20 – 1:40 **Phylogenetic analyses of the genera *Trentepohlia* and *Prinzina* (Trentepohliales, Chlorophyta) based on nuclear and chloroplast gene sequences.** Daryl W. Lam, Fabio Rindi, and Juan M. Lopez-Bautista. University of Alabama, Tuscaloosa.
- 1:40 – 2:00 **The elusive gametes of *Caulerpa prolifera*: an electron microscopy survey.** Ellen Lavoie-Hodges. Harvard University.
- 2:00 – 2:20 **Detection of the EsV-I virus and species determination for *Ectocarpus*, especially from the northern Gulf of Mexico.** Christopher Main. University of West Florida.
- 2:20 – 2:40 **Coffee Break**
- 2:40 – 3:00 **An integrated molecular and morphological analysis of the genus *Polysiphonia sensu lato* (Ceramiales, Florideophyceae) in Panama.** Nadya R. Mamoozadeh and D. Wilson Freshwater. University of North Carolina, Wilmington.
- 3:00 – 3:20 **Diatoms associated with microbialites in Pavilion Lake, Canada.** James A. Nienow, Andrew Williams, and Jesse Trull. Valdosta State University
- 3:20 – 3:40 **The economical production of natural products.** Giso Abadi, Valdosta State University
- 3:40 – 5:30 **Poster Session and Mixer**
- Diversity and evolution of terrestrial algae.** Haj Allali, Fabio Rindi, Daryl W. Lam, and Juan M. Lopez-Bautista. University of Alabama, Tuscaloosa
- The use of cellular biomarkers to assess the impact of saltwater intrusion on the Atlantic plant *Vallisneria americana*.** Nathan Lauer, Mallarie Yeager, Cliff Ross. University of North Florida
- Analysis of the macroalgal community and nutrient content variability at a managed estuary in south Florida.** Viviana Mazzei¹, James Salgado¹, Travis Thyberg², Diego Lirman², and Ligia Collado-Vides¹. ¹Florida International University, ²University of Miami
- The "safe" alternative to *Caulerpa*? Hitchhikers, fragment generation and fragment survivorship of aquarium strains of *Chaetomorpha linum* and *C. crassa*.** Rachel Odom and Linda Waters. University of Central Florida

Some interesting diatoms from the northern Gulf of Mexico, including a potential new genus of araphid diatoms. ¹Akshinthala Prasad and ²James A. Nienow. ¹Florida State University, ²Valdosta State University

Impacts of salinity-induced oxidative stress on the aquatic macrophyte *Vallisneria americana* over the course of a growing season. Mallarie Yeager, Nathan Lauer, Cliff Ross. University of North Florida

Response of the terrestrial alga *Stichococcus bacillaris* Naegeli to controlled humidity. N. Lee Charnock and James A. Nienow. Valdosta State University

6:00 – 8:00

Dinner in the Cypress Room, University Center

Lecture by Carmelo Tomas