

2018 OCB Summer Workshop



**On behalf of the SSC...THANK YOU for your
major roles in organizing OCB 2018!!!**

This meeting wouldn't happen without you...

Heather Benway



Mary Zawoysky



Mai Maheigan



On behalf of the SSC...THANK YOU 2018
Scientific Session Organizers
for major role in organizing OCB 2018!!!

***This meeting also wouldn't happen without
those of you attending...we value your
input!***

Supporting Organizations



Monday:

Evolutionary insights on marine organism response to climate change: How past and contemporary evolution are shaping the future

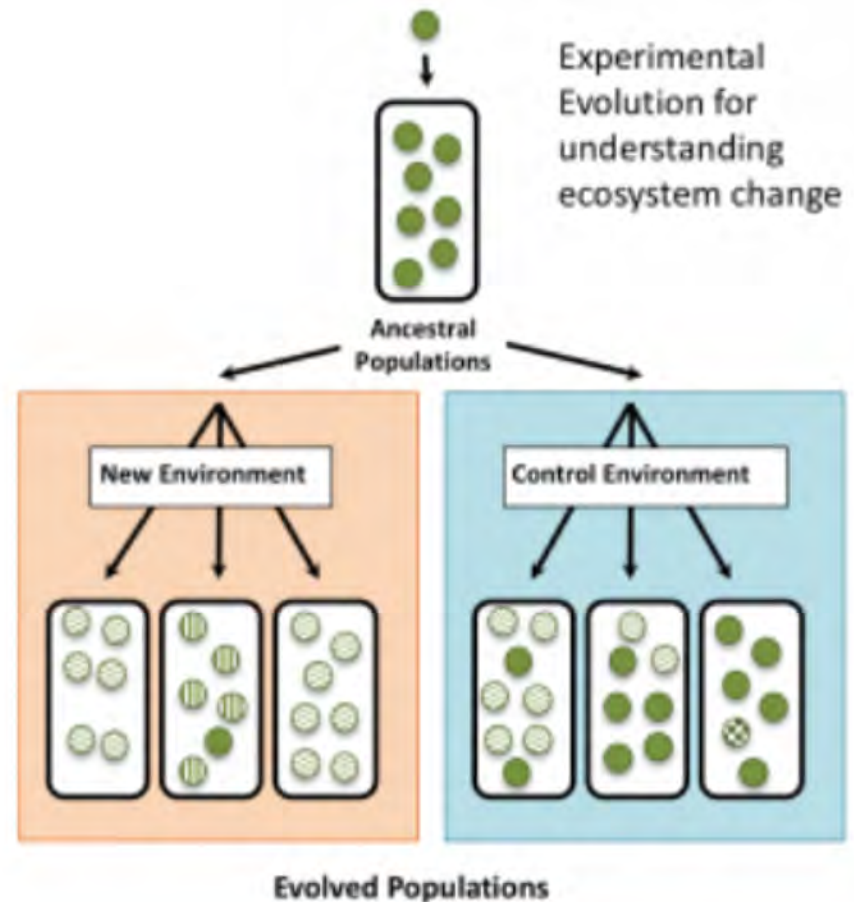
Organizers: Bethany Jenkins (URI), Tatiana Rynearson (URI)

Lunch

Student Lightning session

Agency Updates

Poster Session



Redrawn from Collins 2010 *Evol Biol* 38:3-14

Tuesday morning:

Community Updates

2nd International Indian Ocean Expedition (IIOE2)/U.S. Indian Ocean Science Workshop (Raleigh Hood, UMCES)

Multiple Stressors Best Practices Guide (Philip Boyd, Univ. Tasmania)

NASA PACE Mission (Antonio Mannino, NASA GSFC)

Biogeochemical-Argo (Matthew Mazloff, SIO)

Phytoplankton physiological engines of biogeochemical models

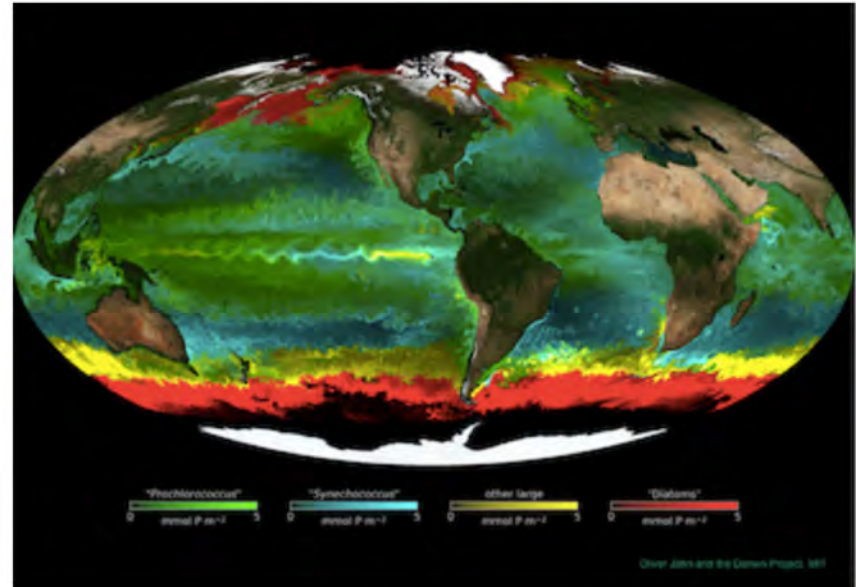


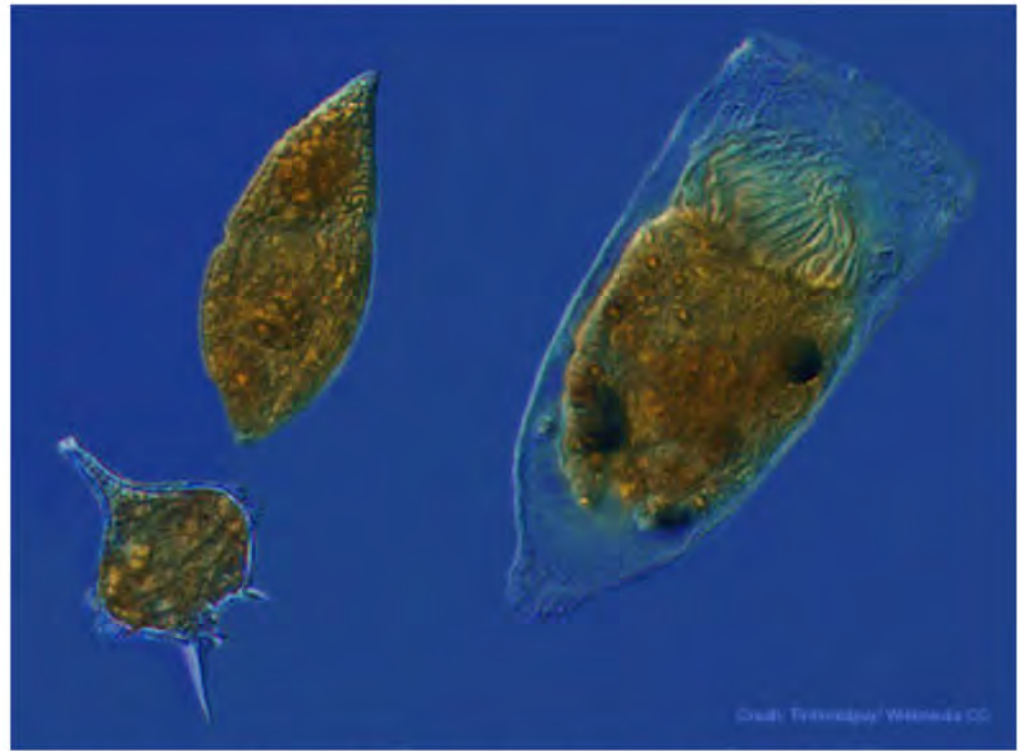
Image courtesy of Oliver Jahn/Darwin Project MIT

Co-Chairs: Andrew Barton (SIO), Philip Boyd (Univ. Tasmania), Scott Doney (UVA), Charles Stock (NOAA)

Tuesday afternoon:

**The world of
microzooplankton: Ocean
carbon movers and
shakers**

Co-Chairs: Benjamin Twining and
Stephen Archer (Bigelow)



Microzooplankton, the major grazers of the plankton: Dinoflagellates (spindle-shaped 'Gyrodinium', spiny-globe 'Protoperidinium') and a tintinnid ciliate (hairy-topped cell in a shell, 'Favella') from the Thau Lagoon of Sète, France (Image by Tintinnidguy via Wikimedia Creative Commons)

**Coffee and OCB Networking Session
(Redfield tent)**

Wednesday:

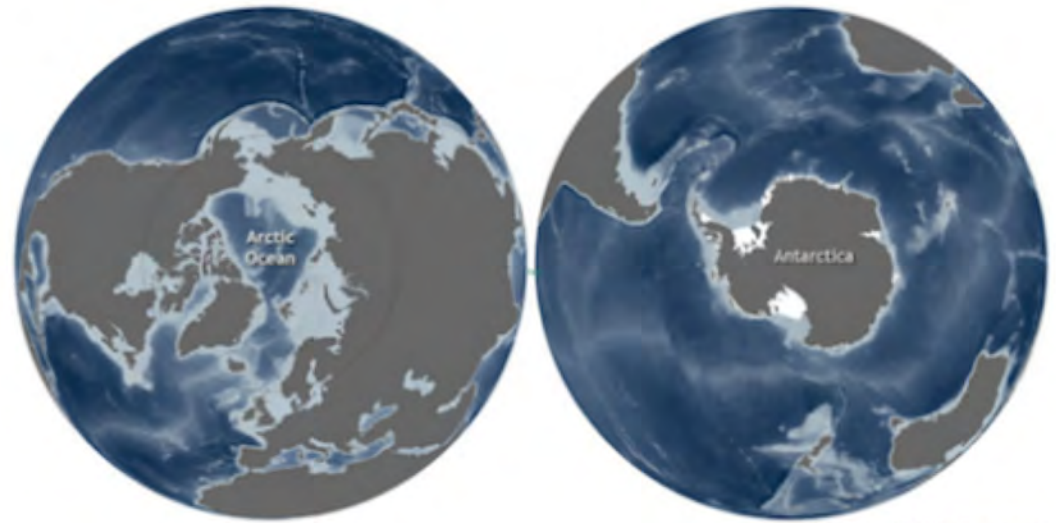
Tour of the National Ocean Sciences Accelerator Mass Spectrometry Facility at WHOI (Quissett Campus) –limited to those who signed up in advance

A tale of two poles: Arctic and Antarctic responses to global change

Chasing the new normal:
Biogeochemical and ecosystem responses to Arctic change

Defining normal:
Biogeochemical and ecosystem understanding of the Southern Ocean

Co-Chairs: Laurie Juranek (OSU) and Matt Long (NCAR)



Free time

**Federal Agency Program Manager
Reception with Students and
Postdocs**

Workshop Dinner

Thursday:

It's about time:
Insights from long-
term marine
ecological monitoring
programs

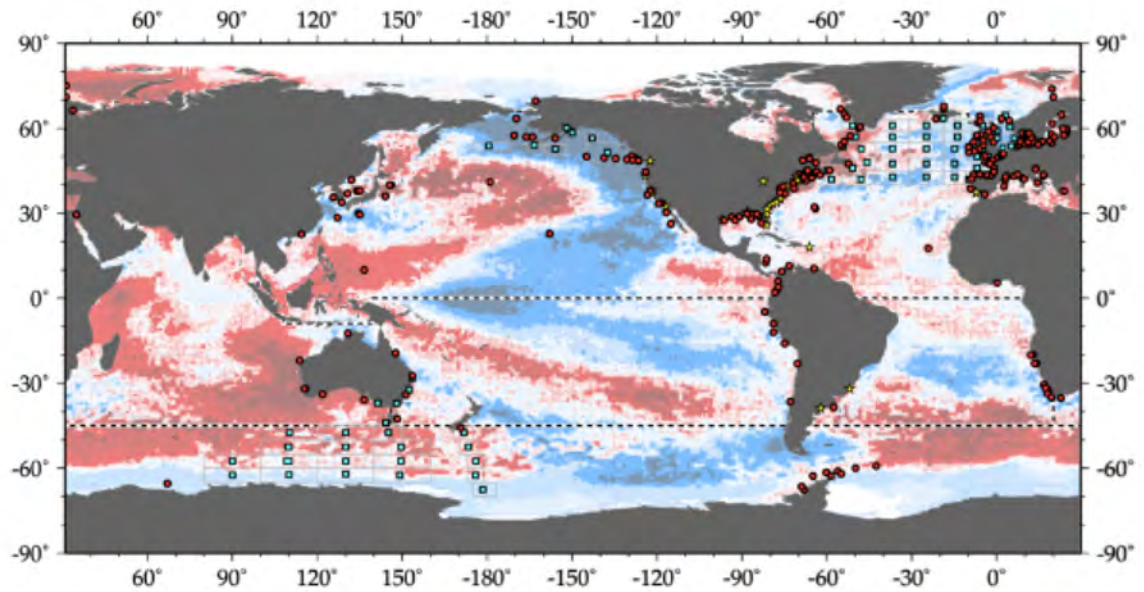


Image courtesy of International Group on Marine Ecological Time-Series, IGMETS
(Lorenzoni et al., 2017)

Co-Chairs: Angelicque White and
Maria Kavanaugh (OSU)

Meeting Adjourns
Lunch