

6-years of zooplankton communities in DBO 4-region

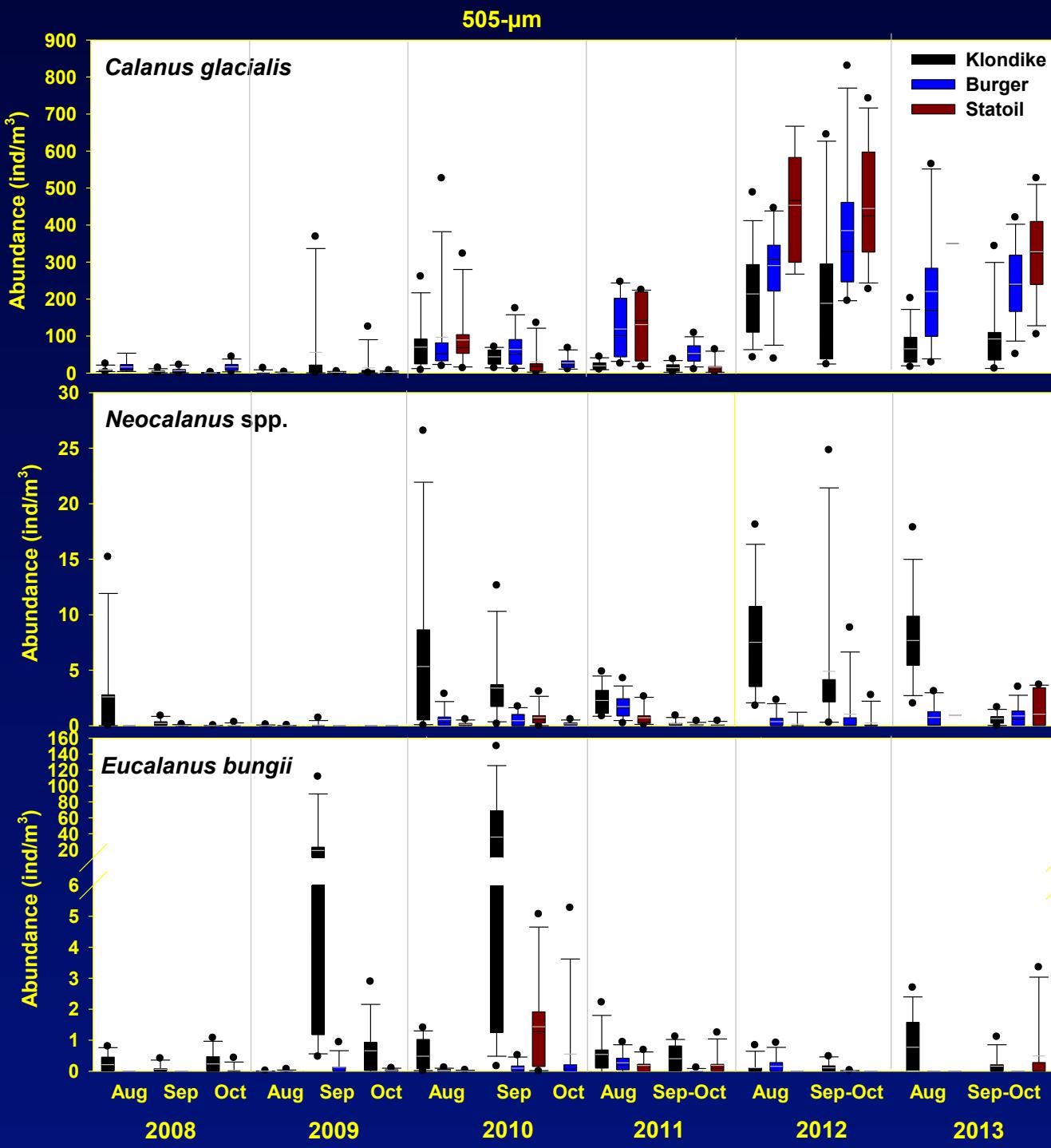
Russ Hopcroft
Jennifer Questel
Cheryl Hopcroft



Statoil

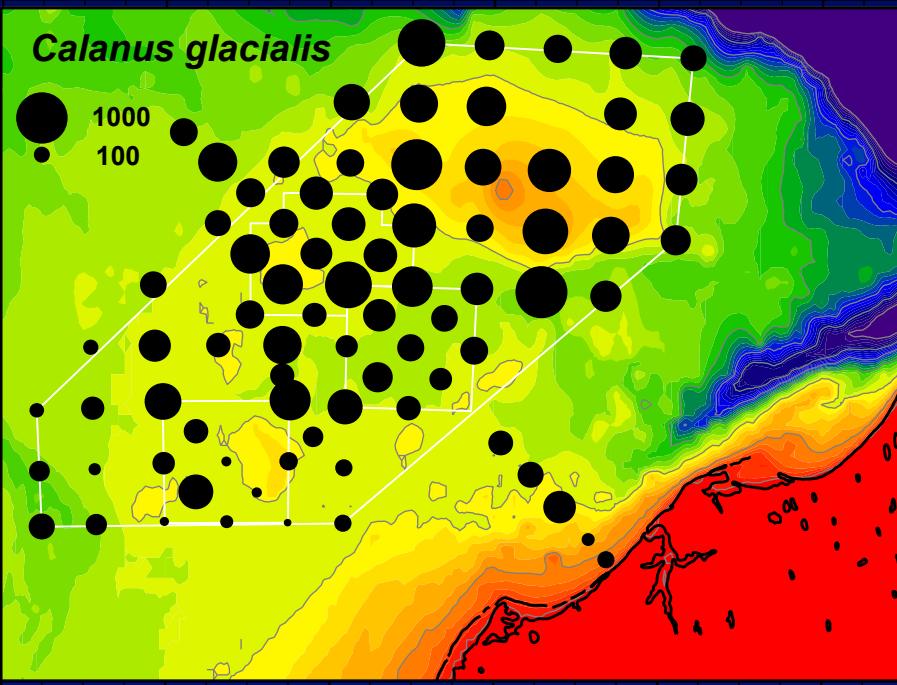
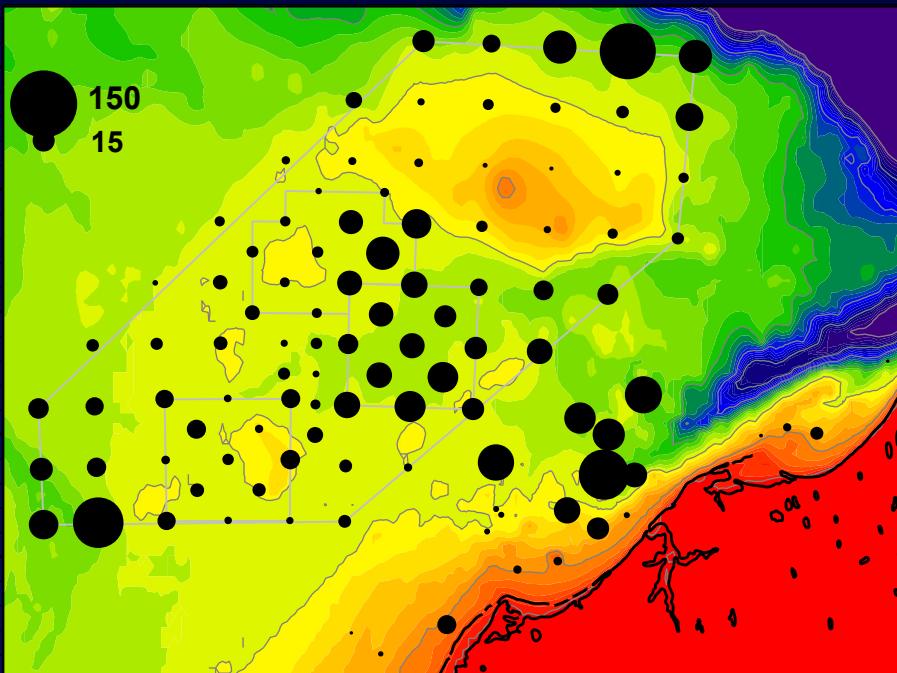


A tale of 3 species

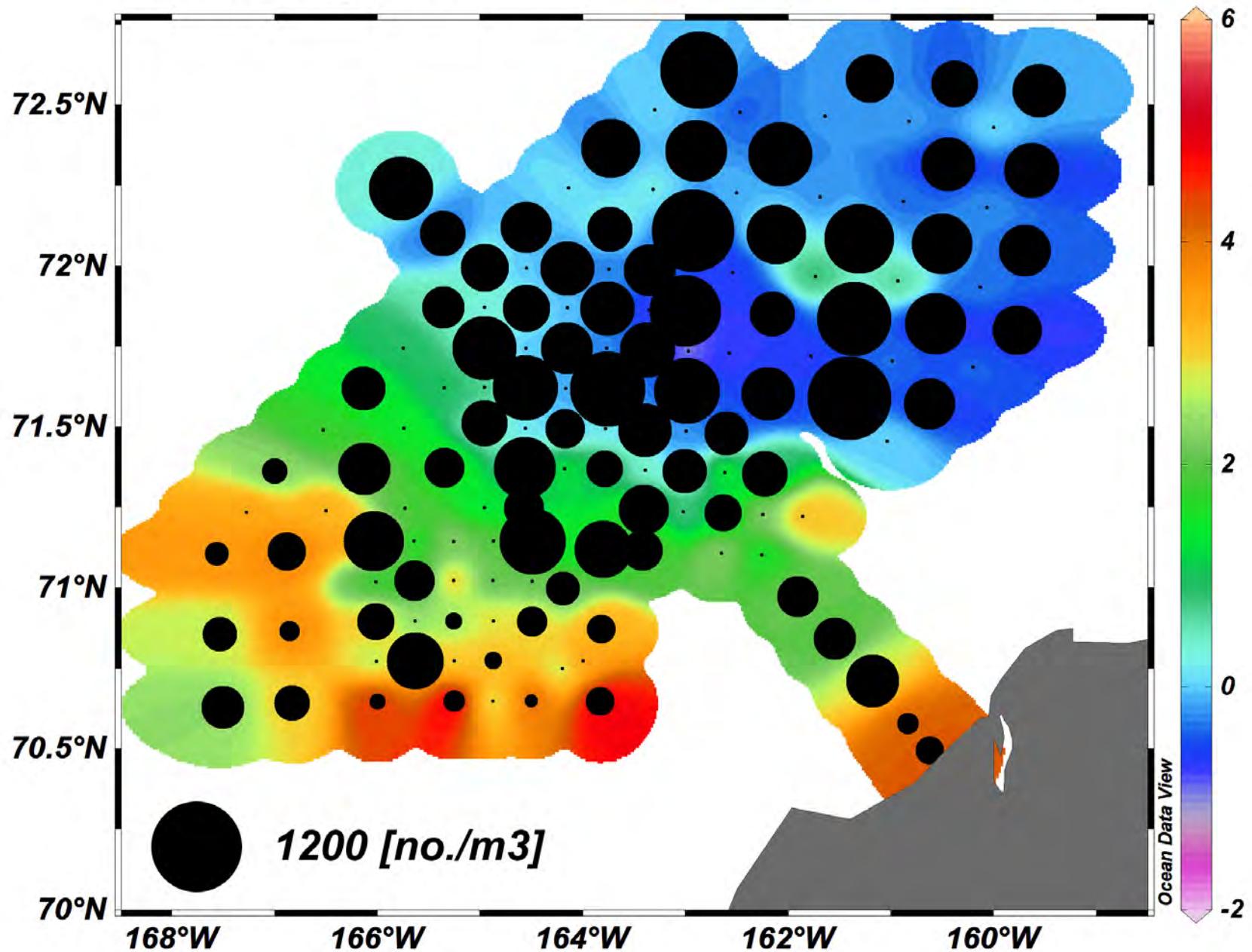


Calanus glacialis

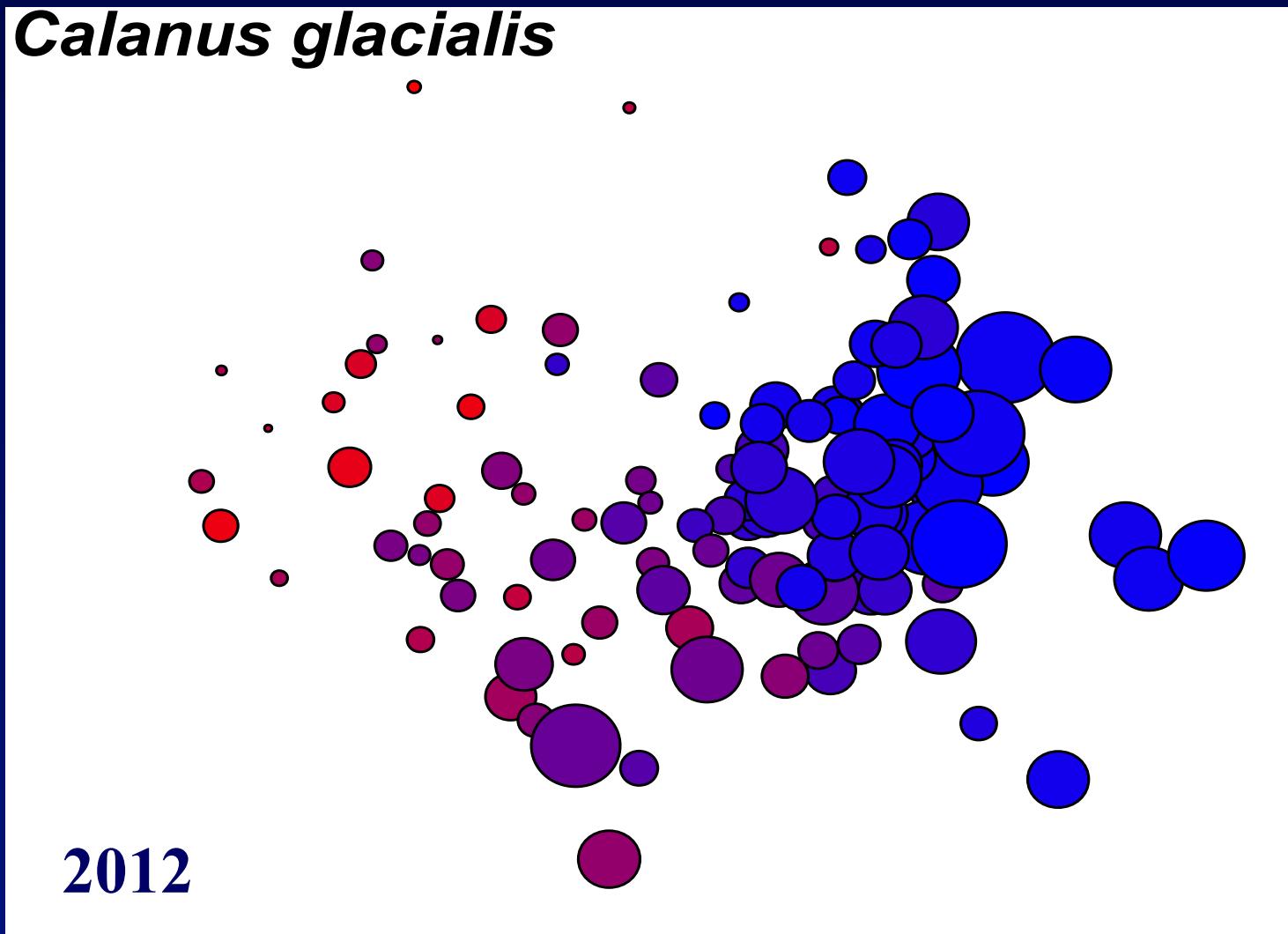
- Moderate numbers in 2011 (& 2010)
- 10 fold increase in 2012



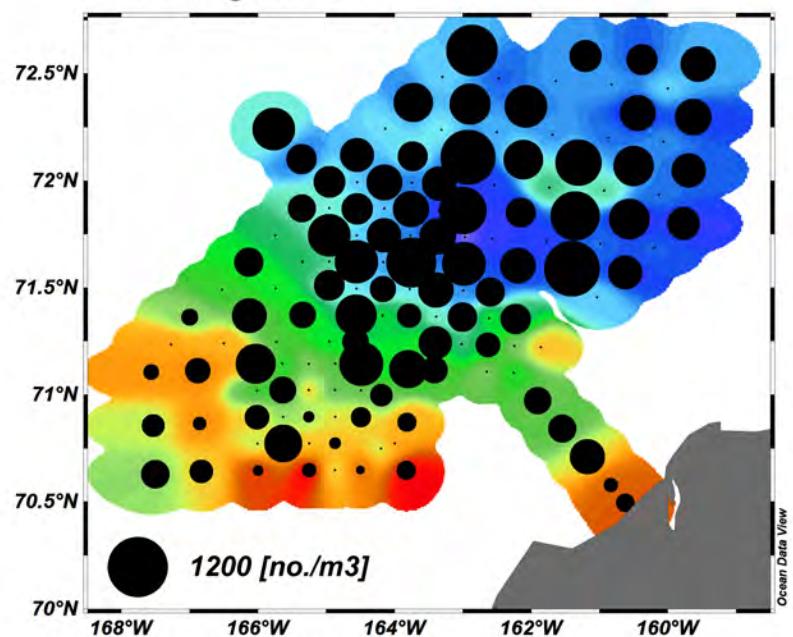
Calanus glacialis



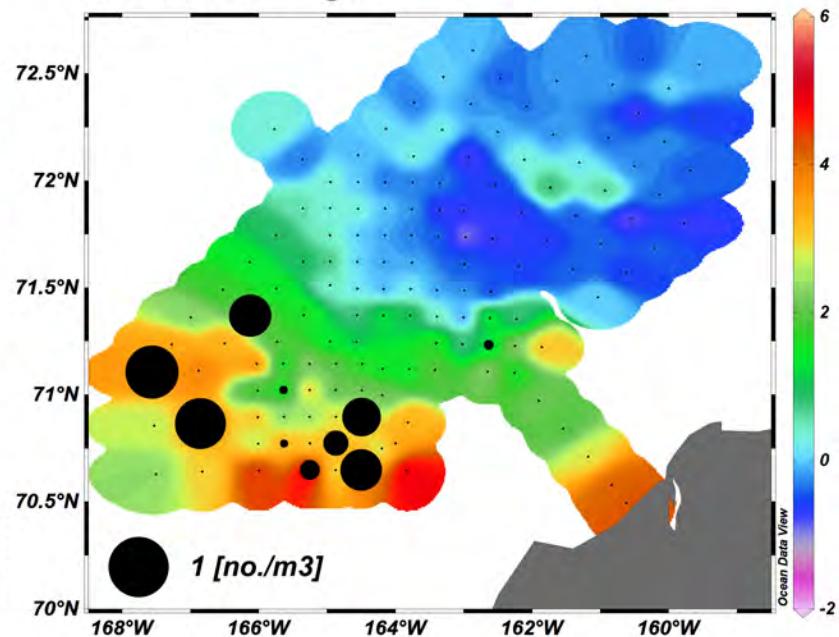
nMDS community space: bubble area is abundance, color represents tempar



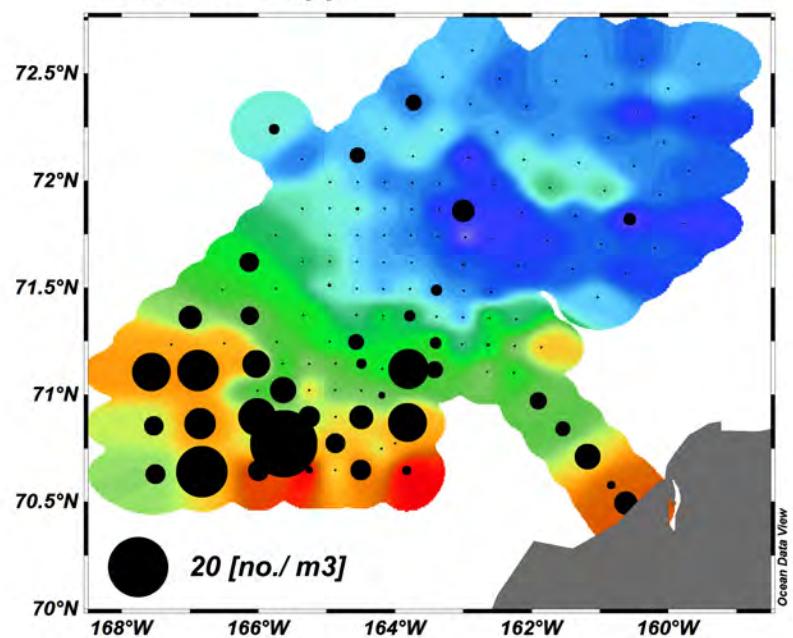
Calanus glacialis



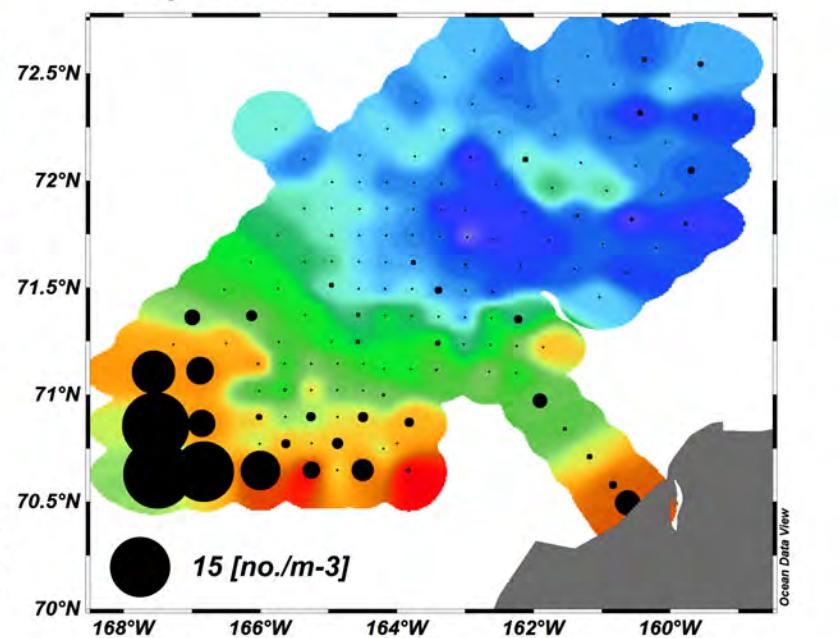
Eucalanus bungii



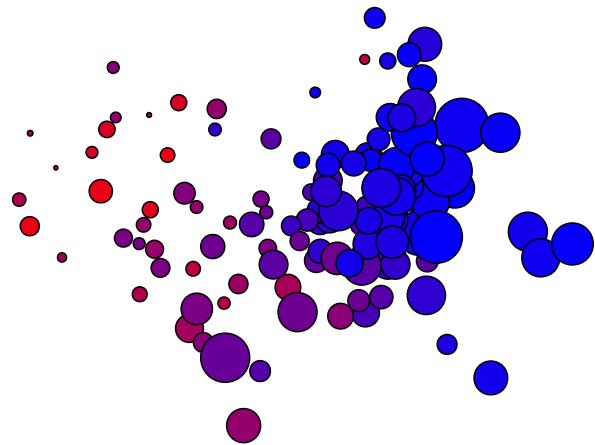
Neocalanus spp.



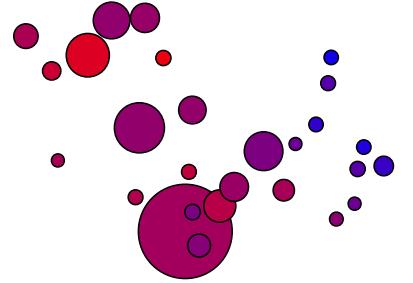
Euphausiids



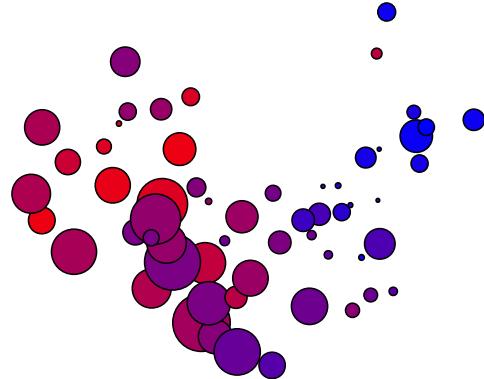
Calanus glacialis



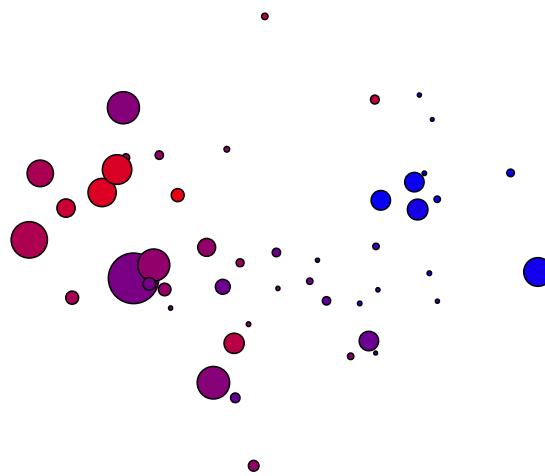
Eucalanus bungii



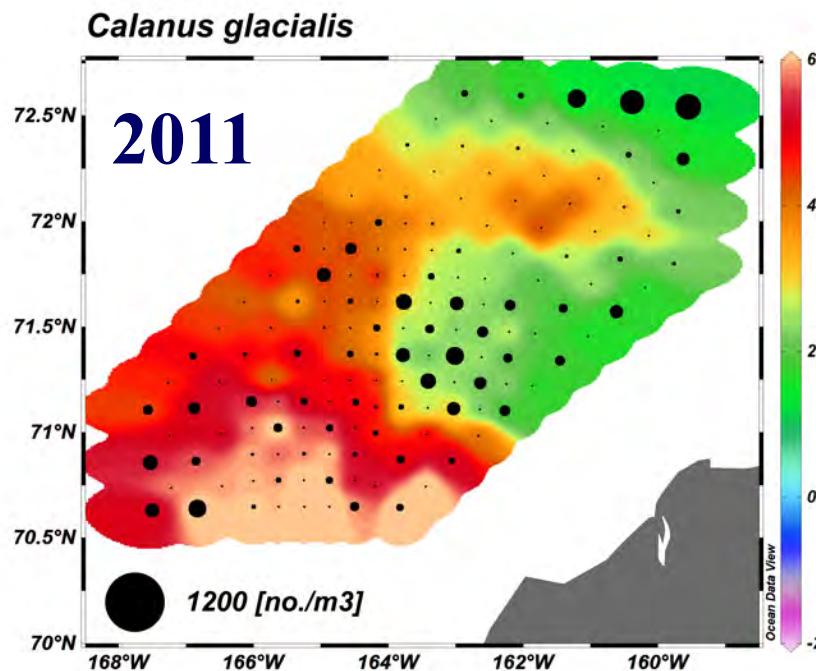
Neocalanus spp.



Euphausiids

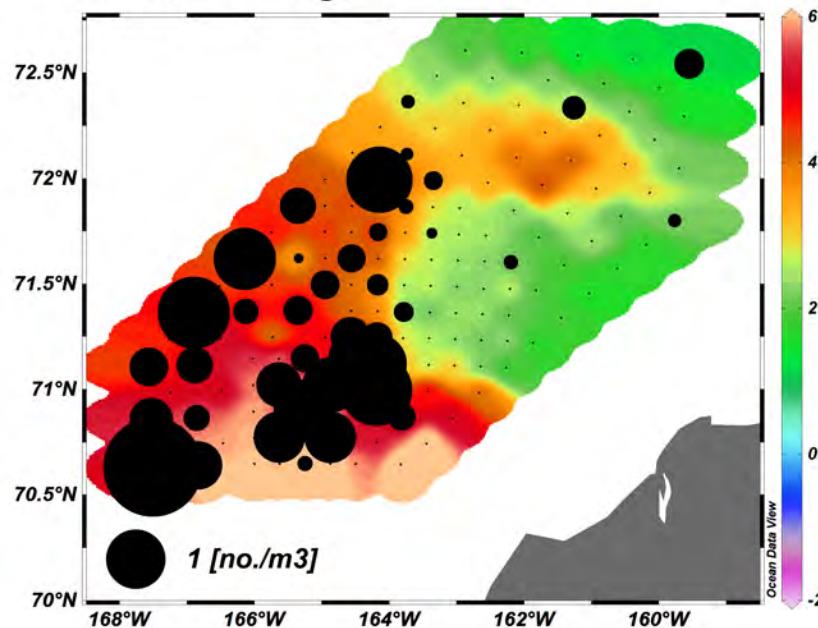


Calanus glacialis



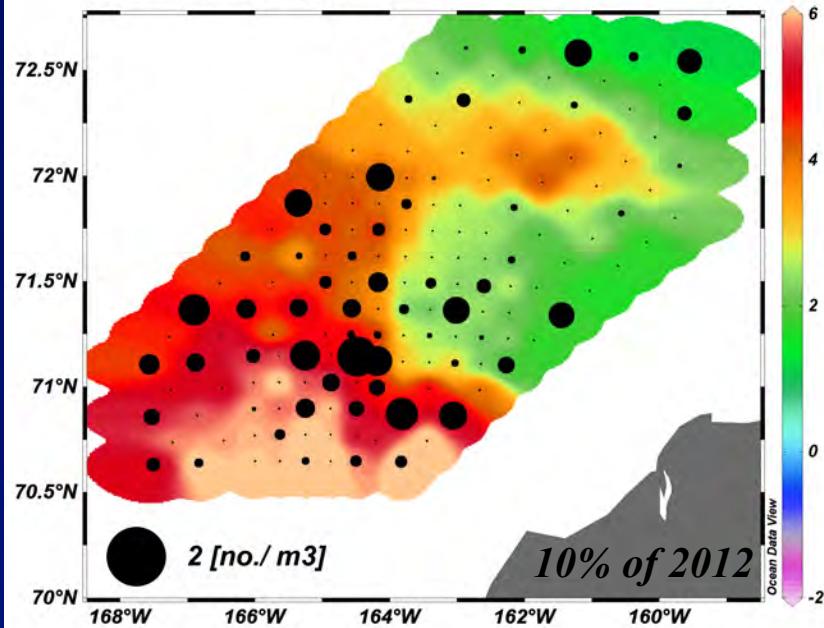
2011

Eucalanus bungii



1 [no./m³]

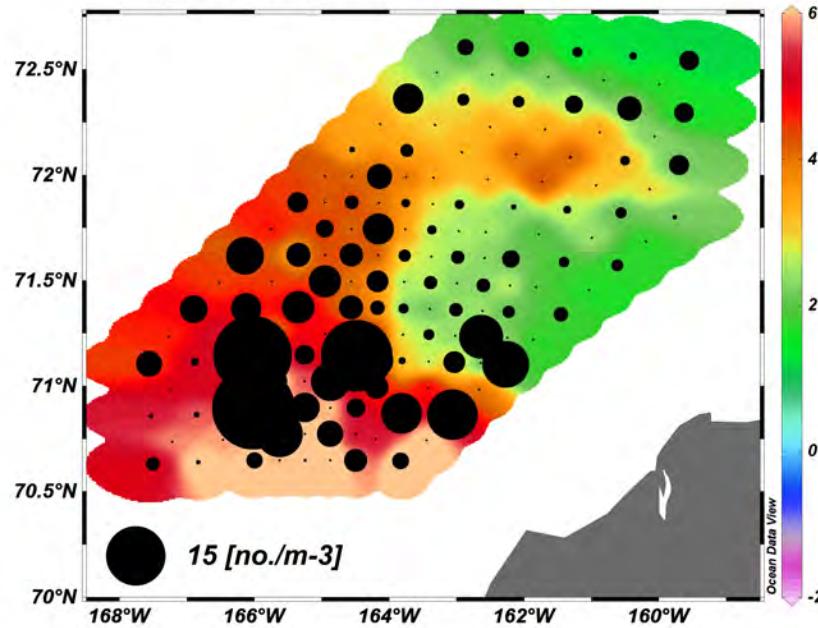
Neocalanus spp.



2 [no./m³]

10% of 2012

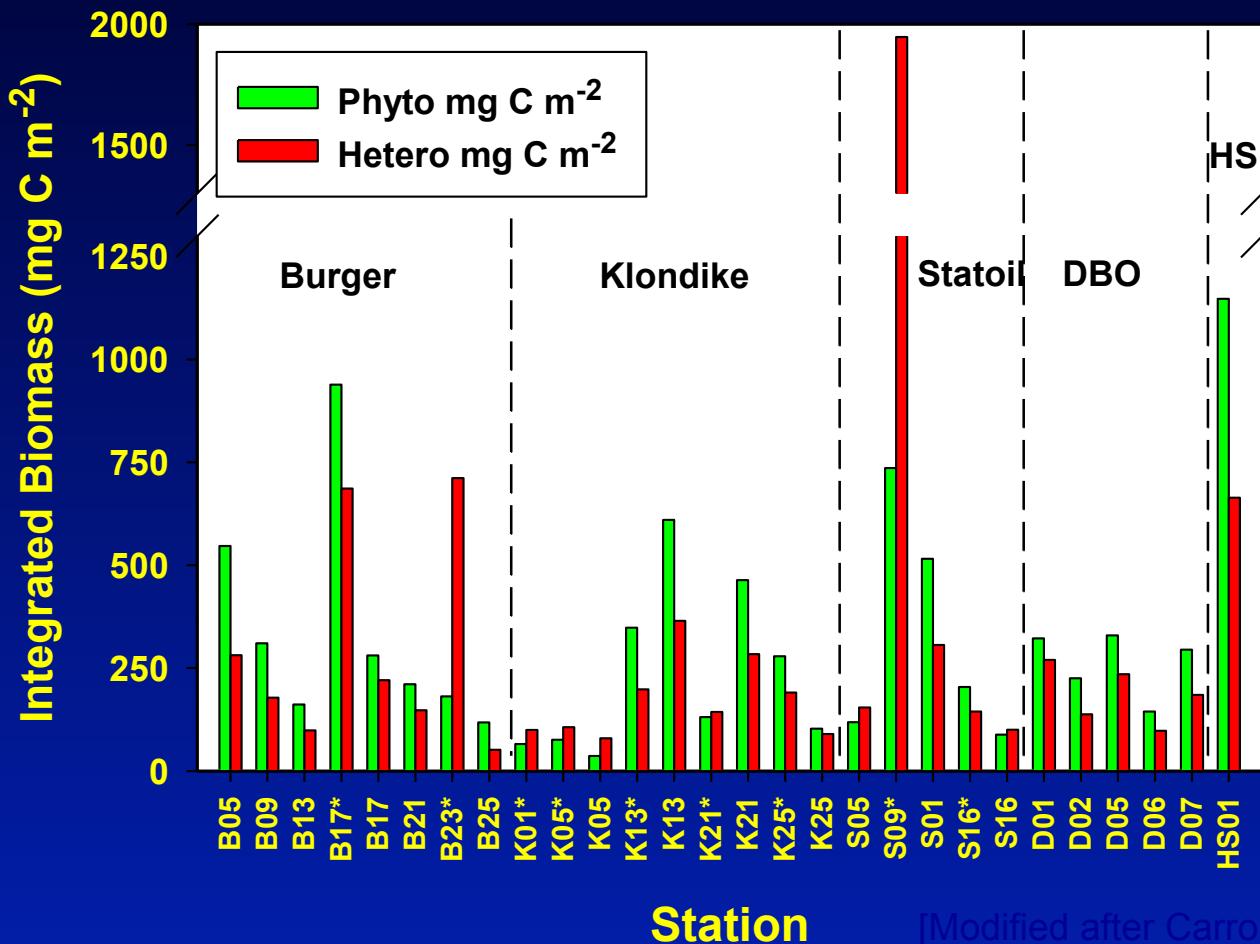
Euphausiids



15 [no./m⁻³]

2012: First year looking at zooplankton Prey

There is almost as much food as micro-zooplankton as there is in the phytoplankton



[Modified after Carroll and Carroll 2003]

Phyto/microzoop communities

