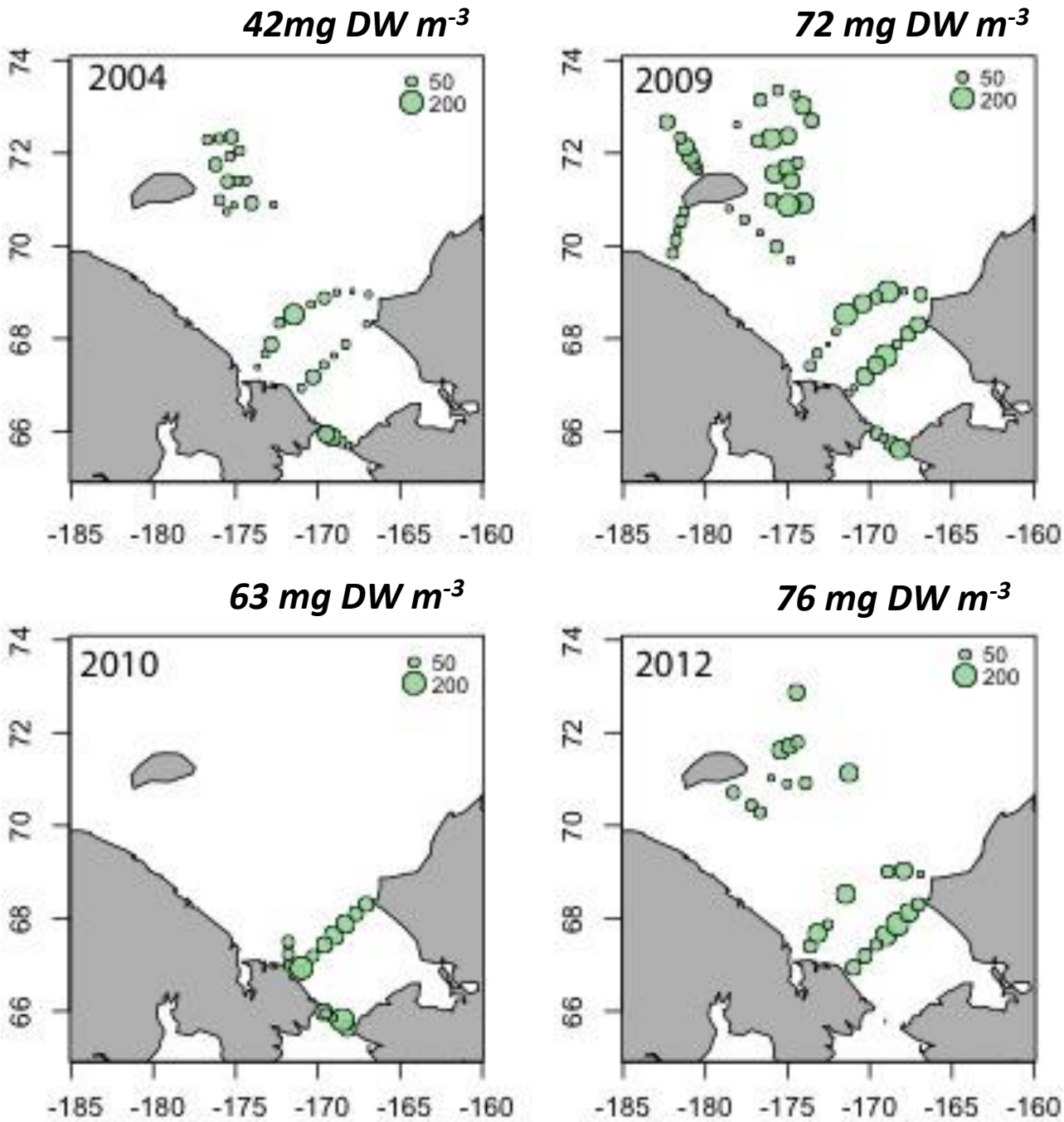
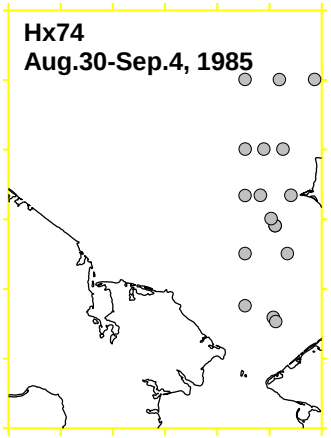


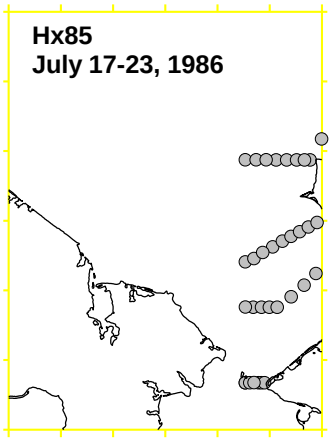
Total holozooplankton biomass, mg DW m^{-3}

Some more inter-annual comparisons…

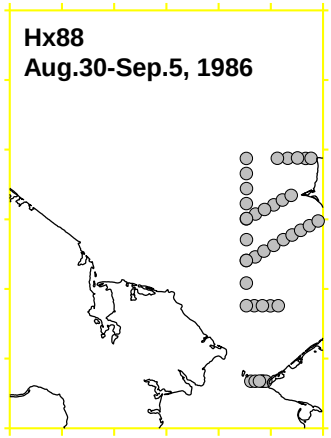
122 mg/m^3



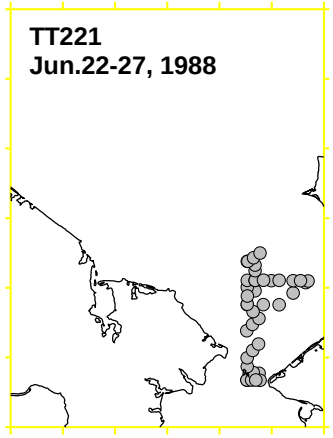
71 mg/m^3



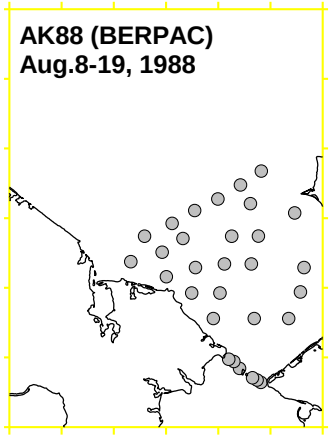
55 mg/m^3

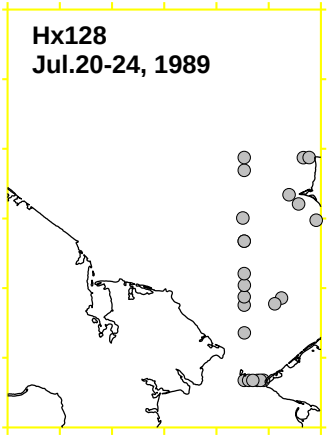


13 mg/m^3

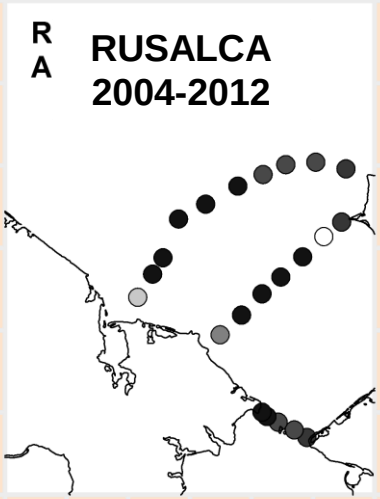


28 mg/m^3



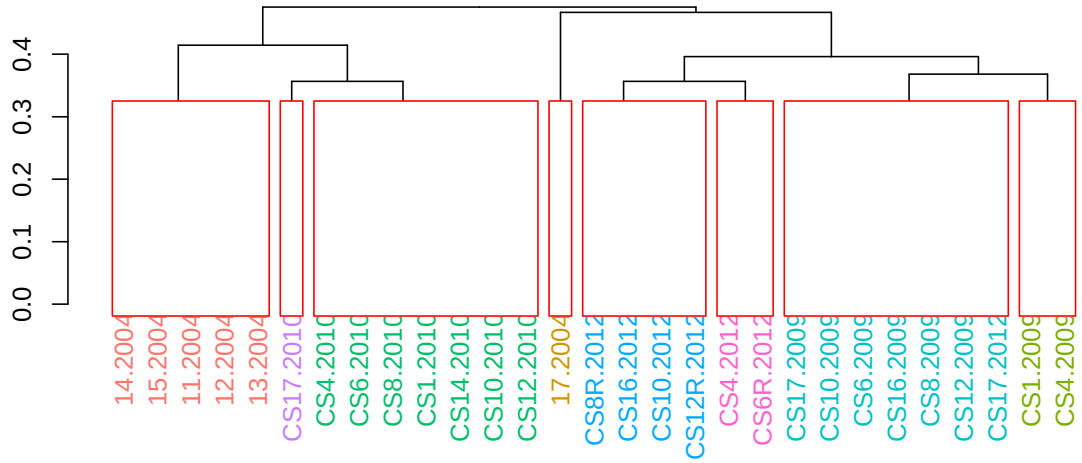


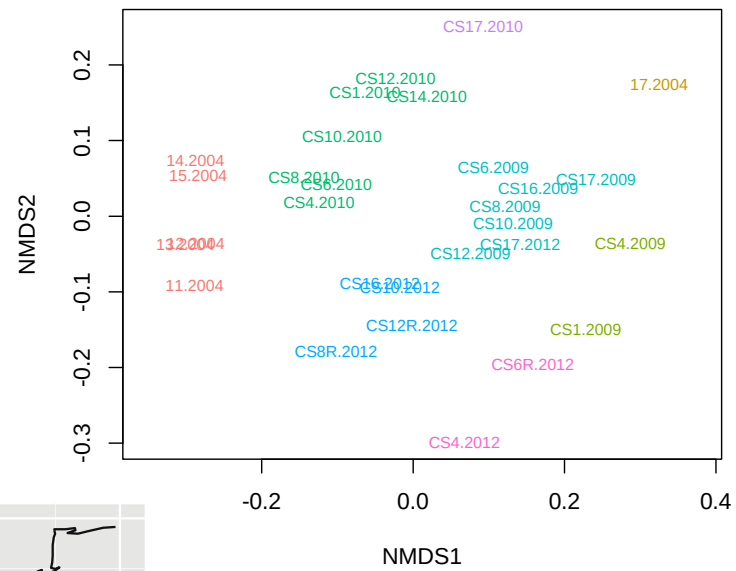
68 mg/m^3

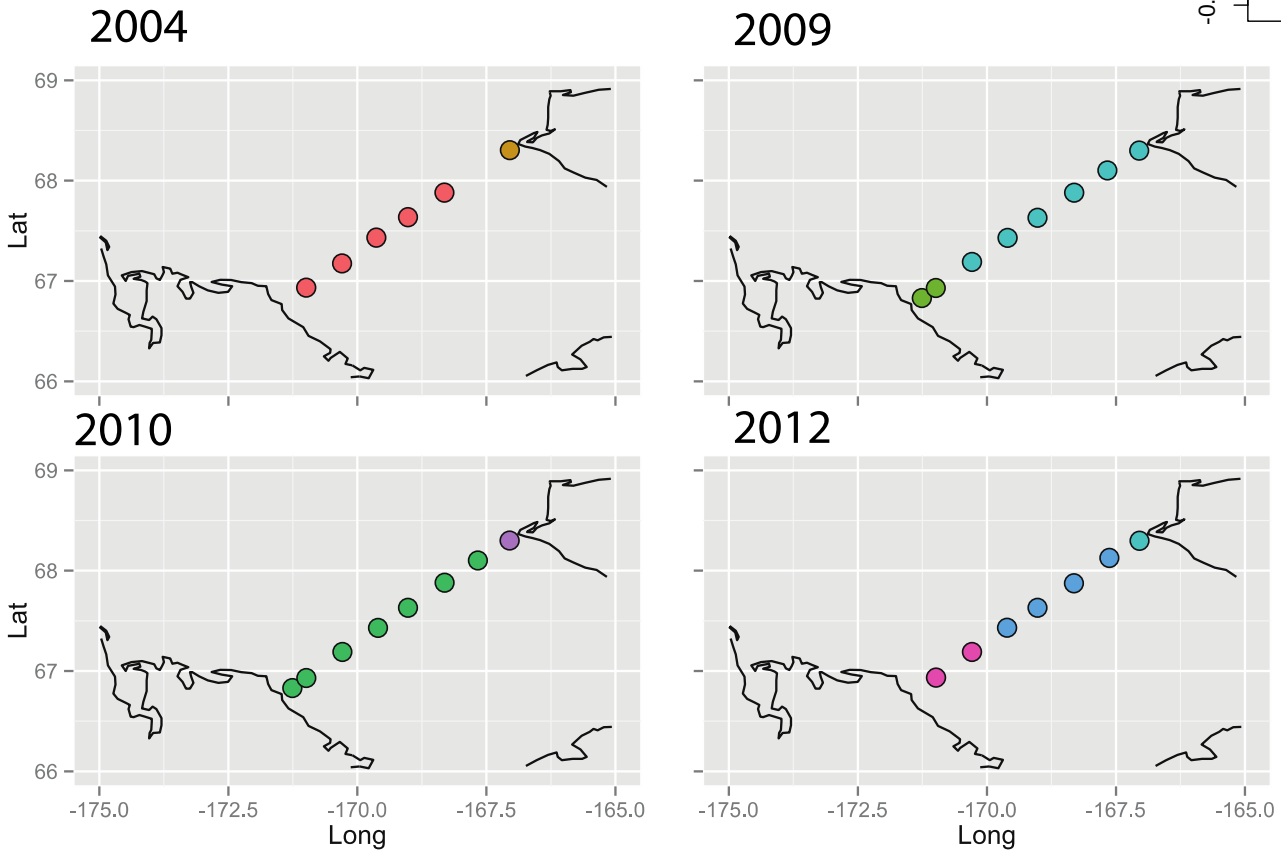


- **Aug 2004 - 55 mg/m^3**
- **Sept 2009 – 76 mg/m^3**
- **Aug 2010 – 70 mg/m^3**
- **Sept 2012 – 78 mg/m^3**

(total biomass)

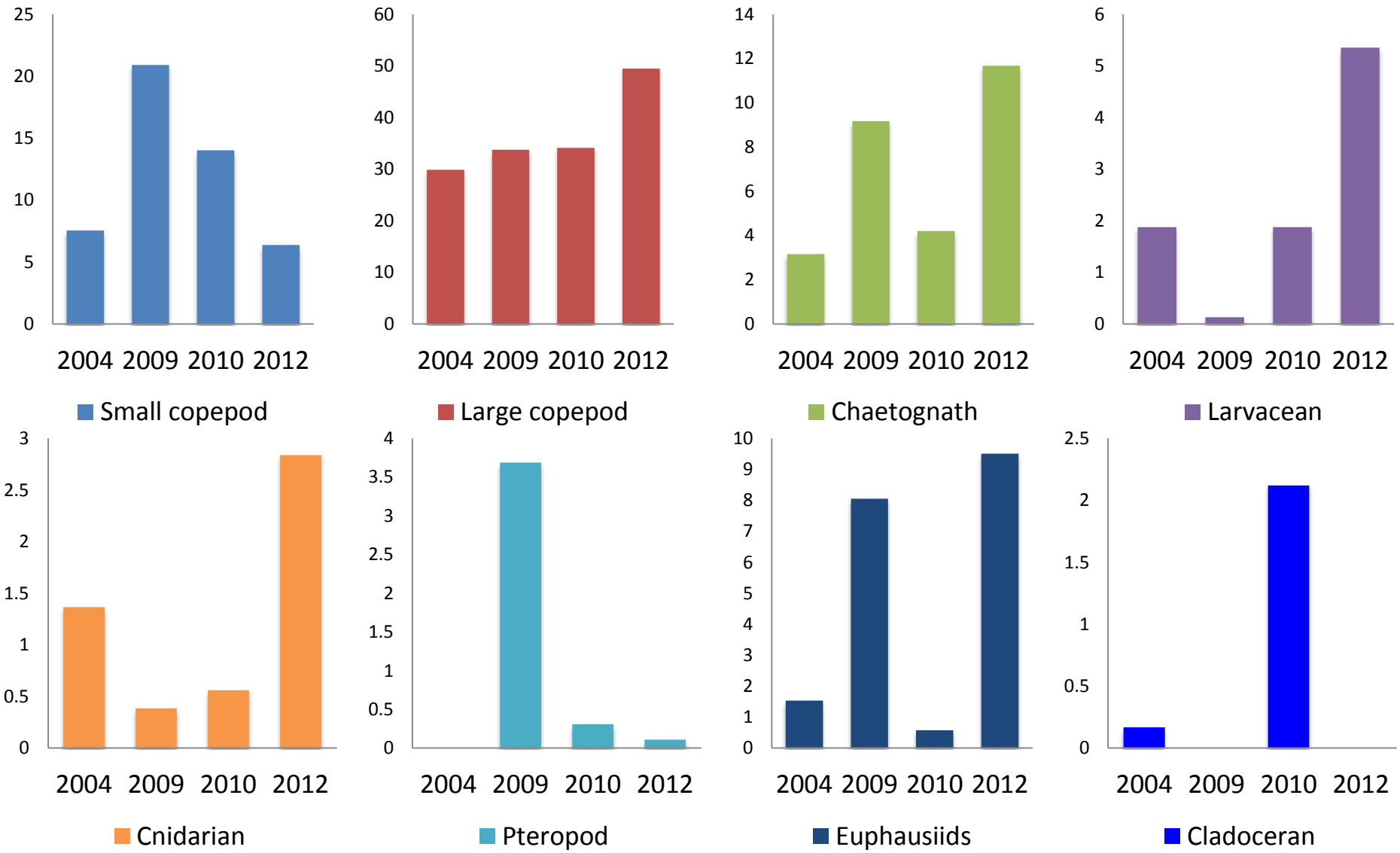






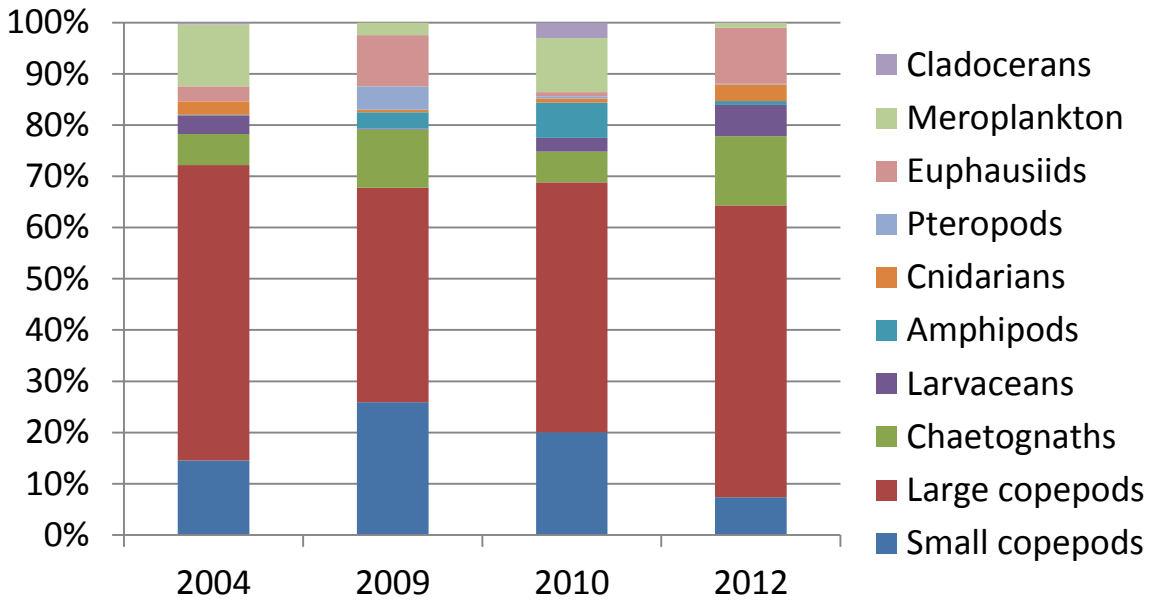
Inter-annual differences are stronger than differences between water masses

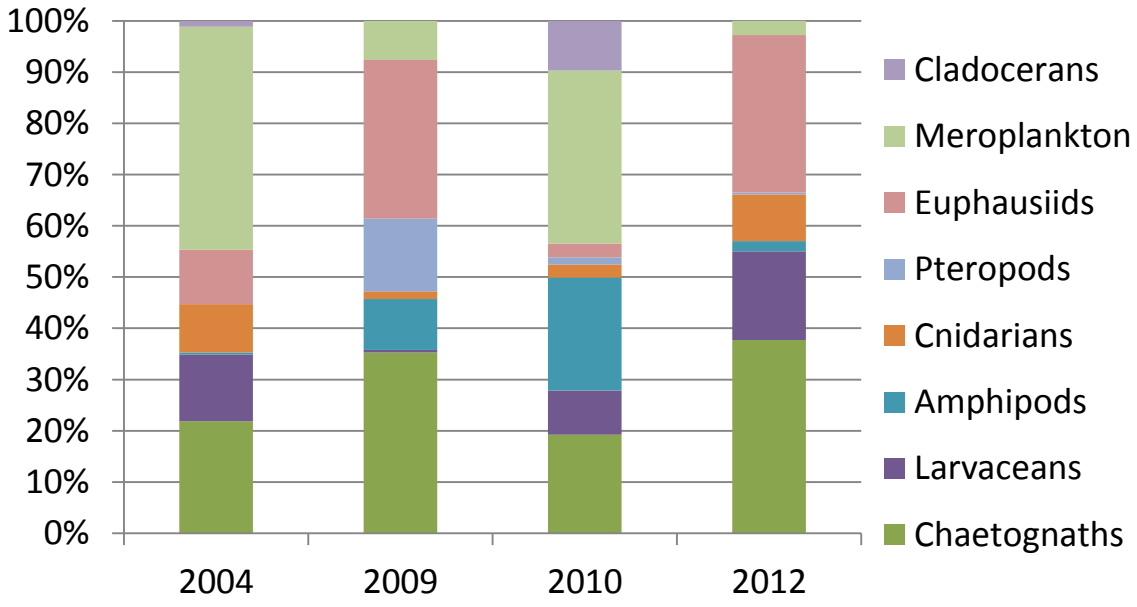
Inter-annual variability in biomass of different groups (Southern Chukchi - BS, CS, CL lines)



Relative contribution of different groups (biomass)

South Chukchi

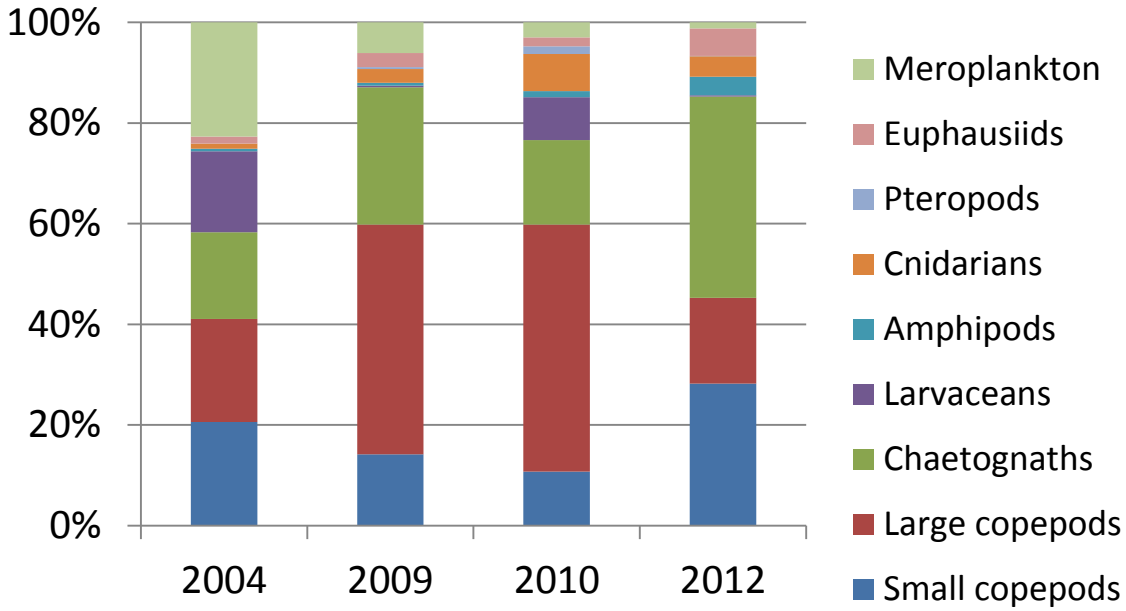


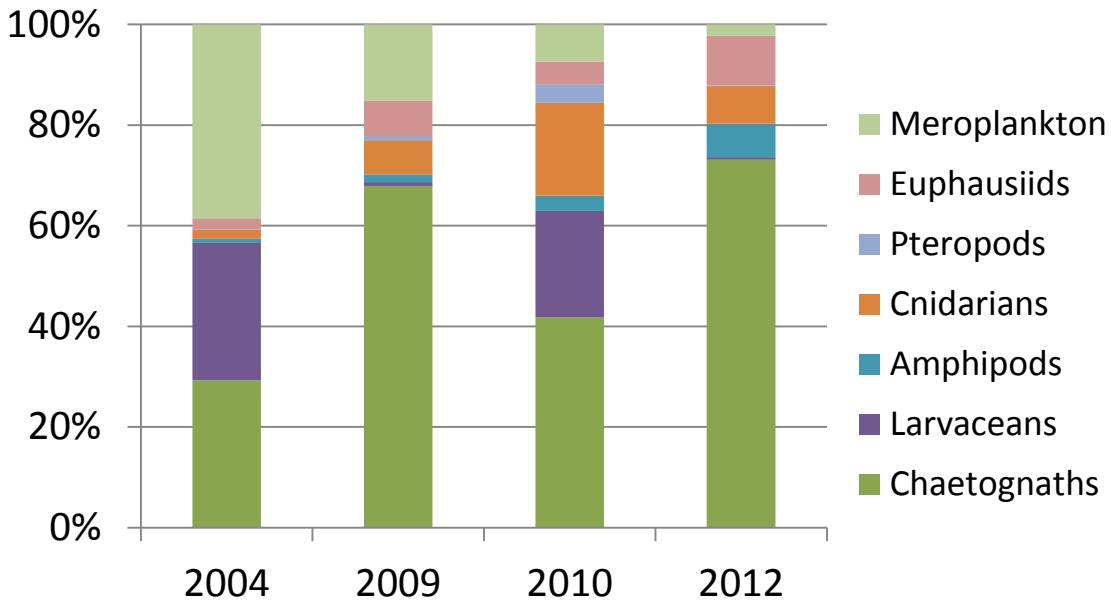


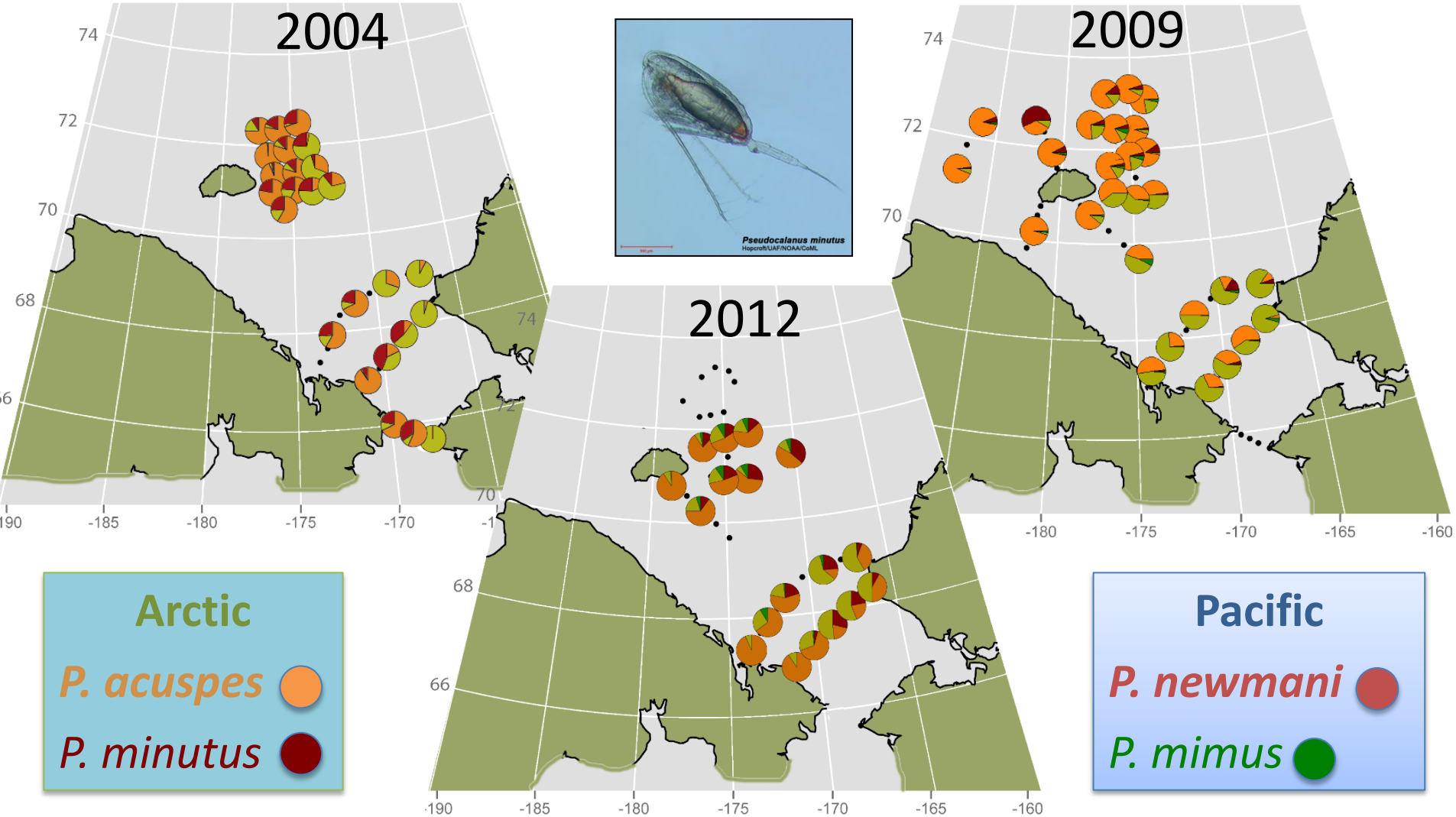
Zoomed in without the copepods

Relative contribution of different groups (biomass)

North Chukchi (Herald Canyon)





Zoomed in without the copepods

Pseudocalanus spp. as an indicator of water masses