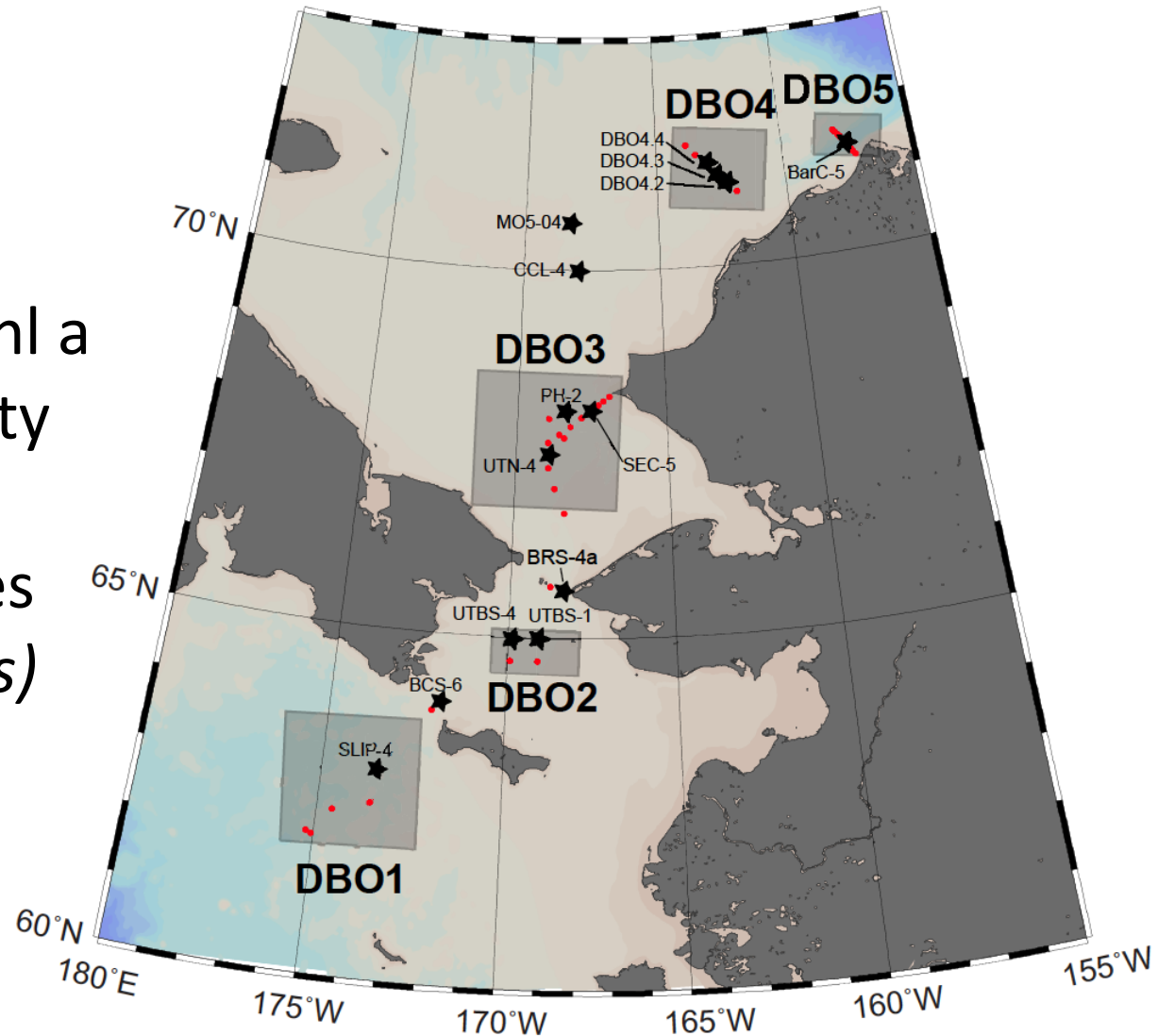


A decade of primary productivity measurements

July 2006 – 2016
Sir Wilfrid Laurier

- Nutrients
- Size fractionated chl a
- Primary productivity (^{13}C uptake rates)
- Nitrate uptake rates ($^{15}\text{NO}_3$ uptake rates)



Chlorophyll a

Primary Productivity

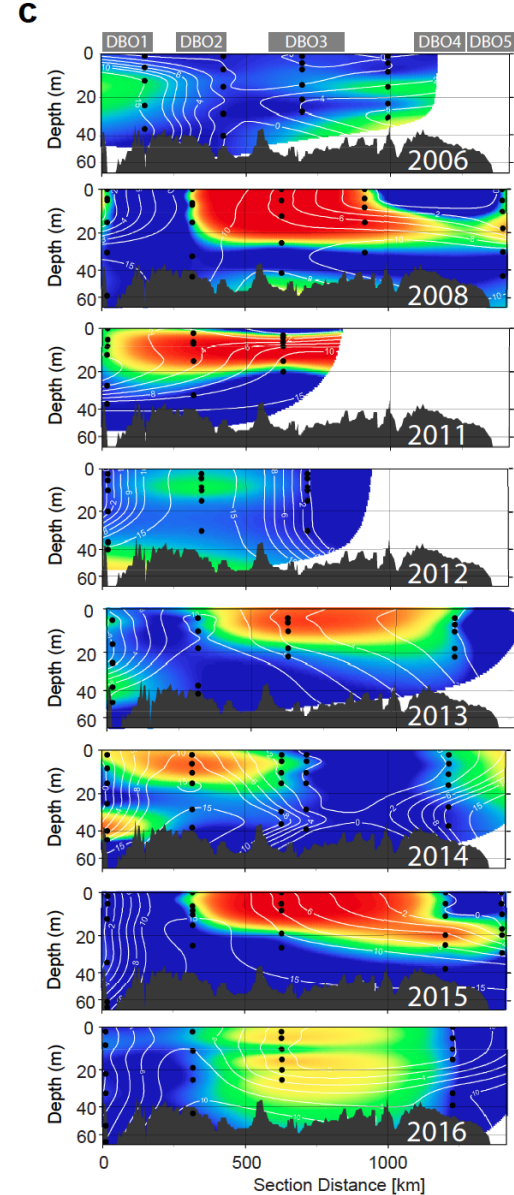
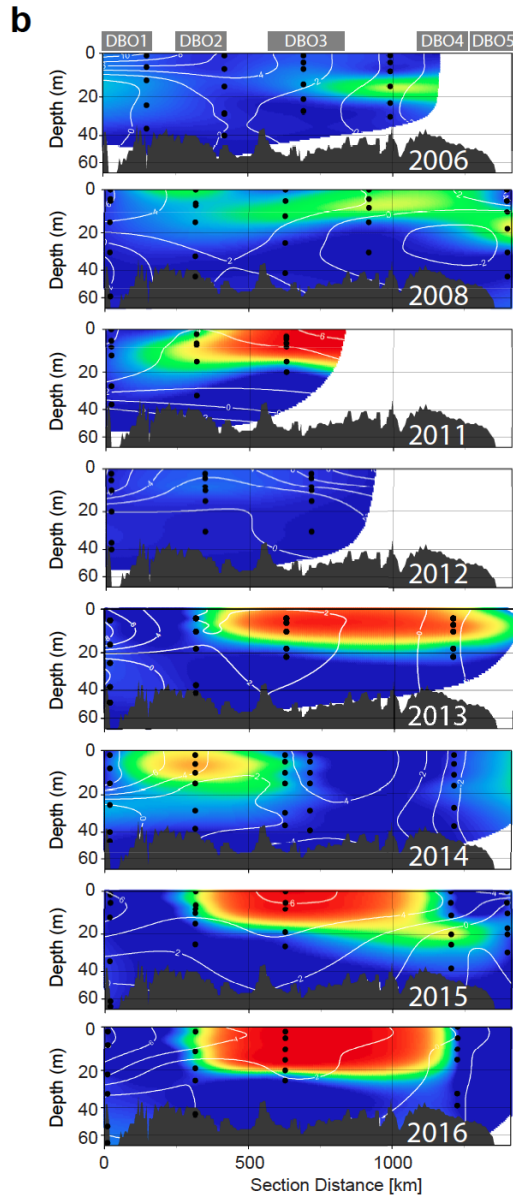
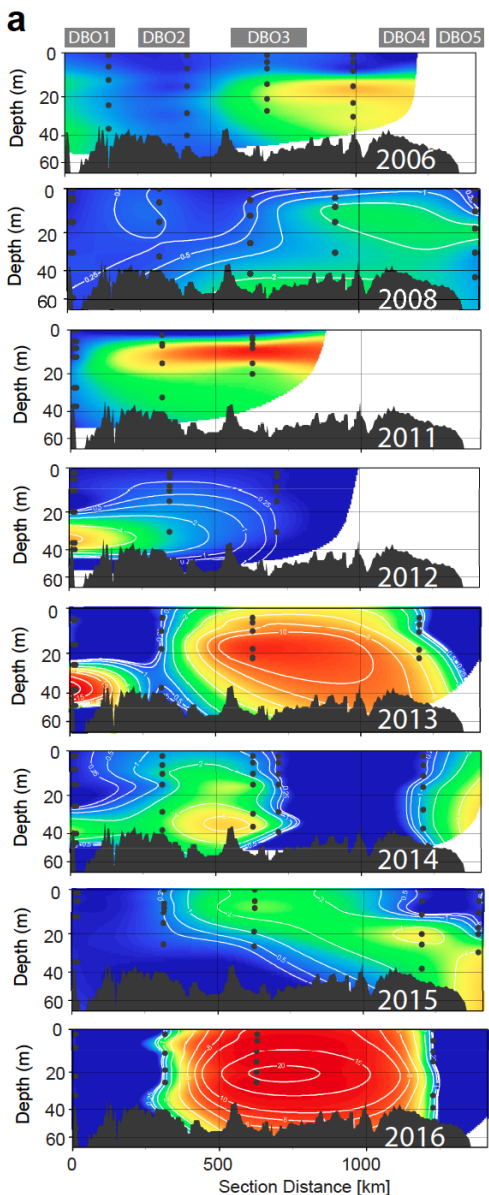
New Production

2006

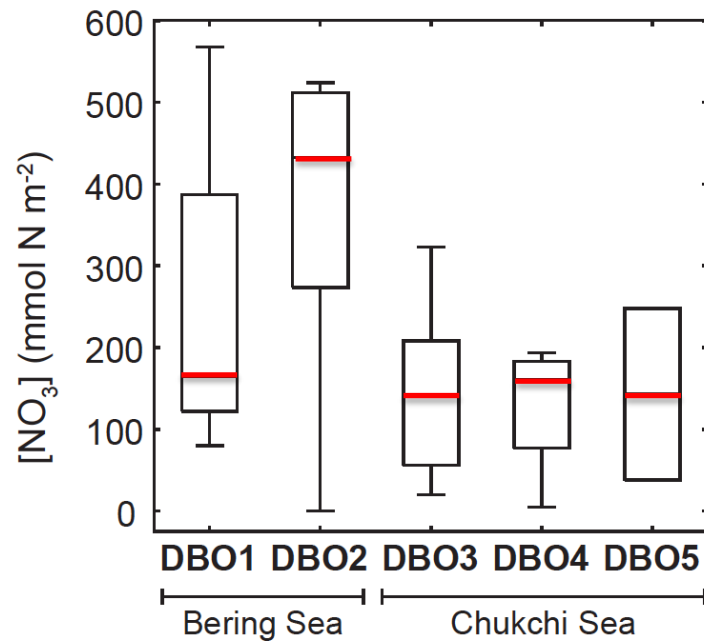
2008

2011

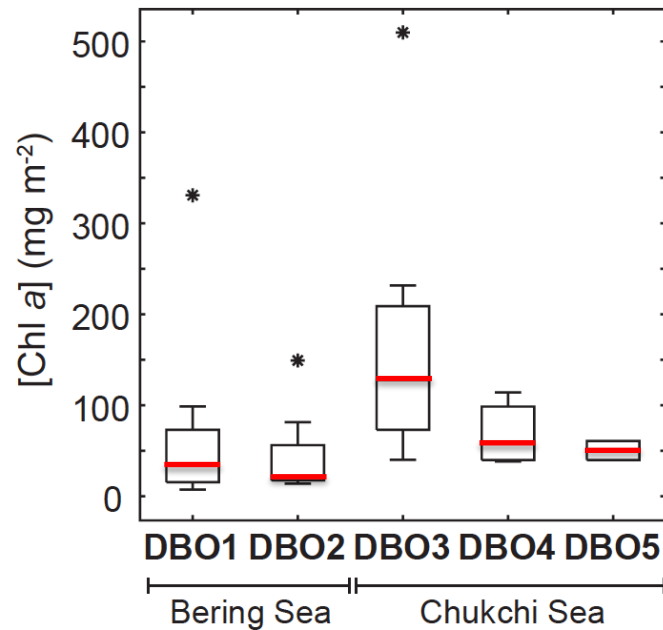
2016



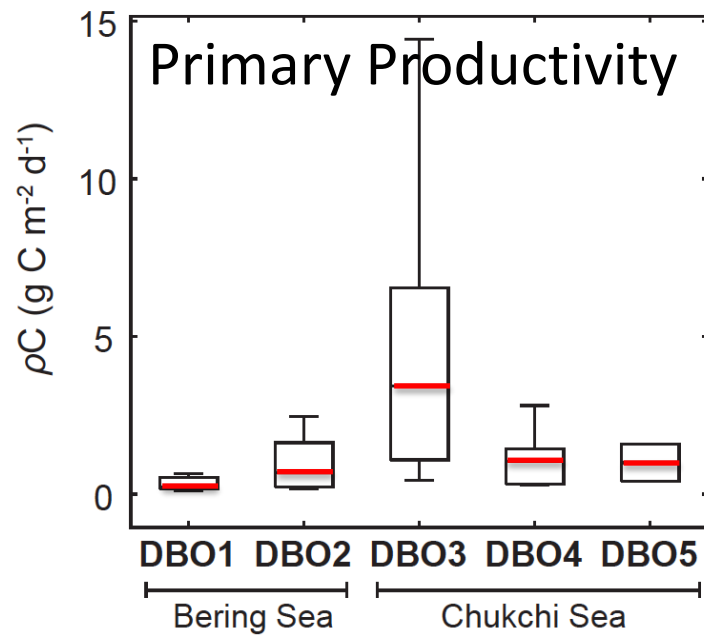
Nitrate (NO_3^-)



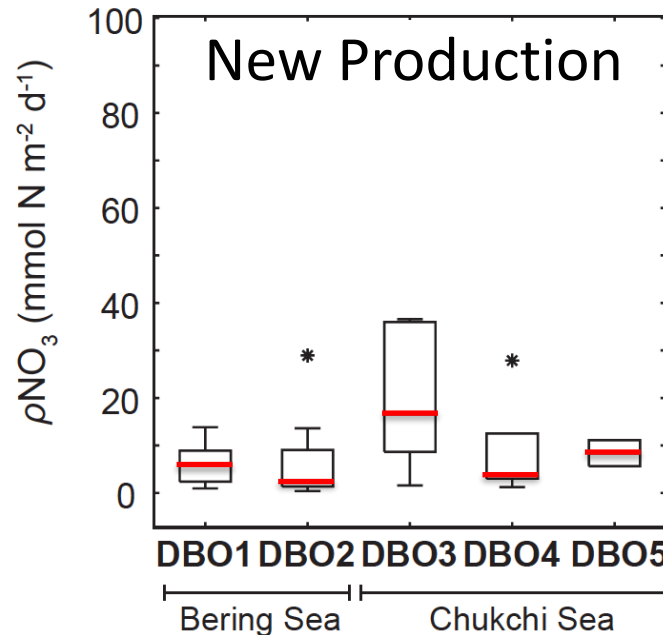
Chlorophyll a



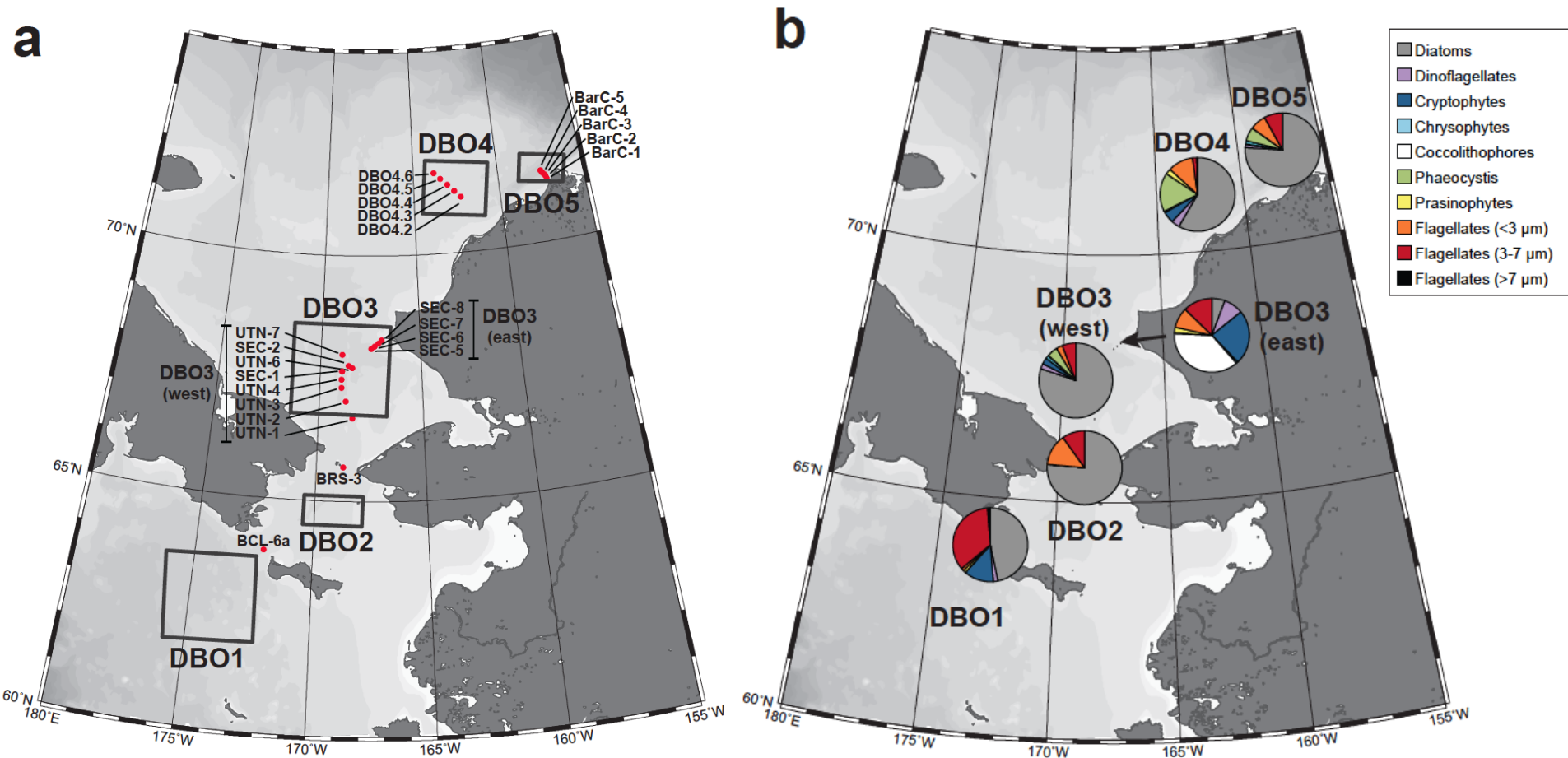
Primary Productivity

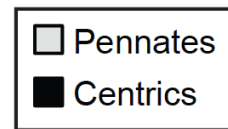
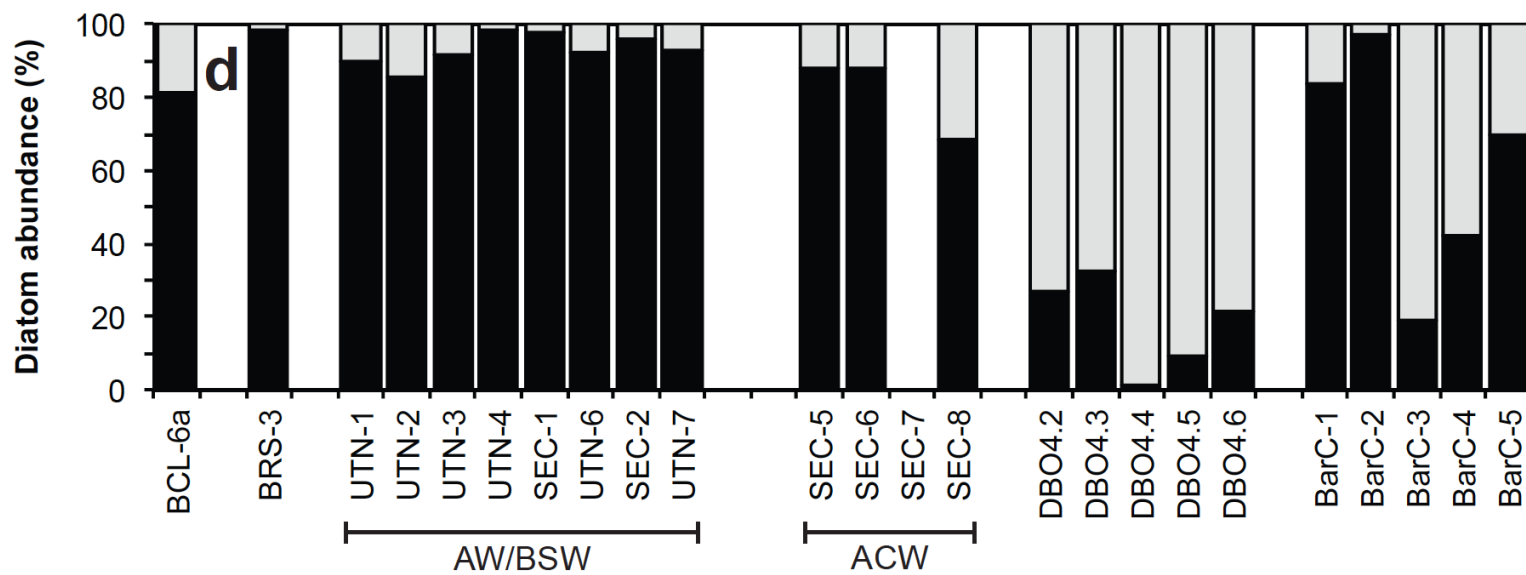
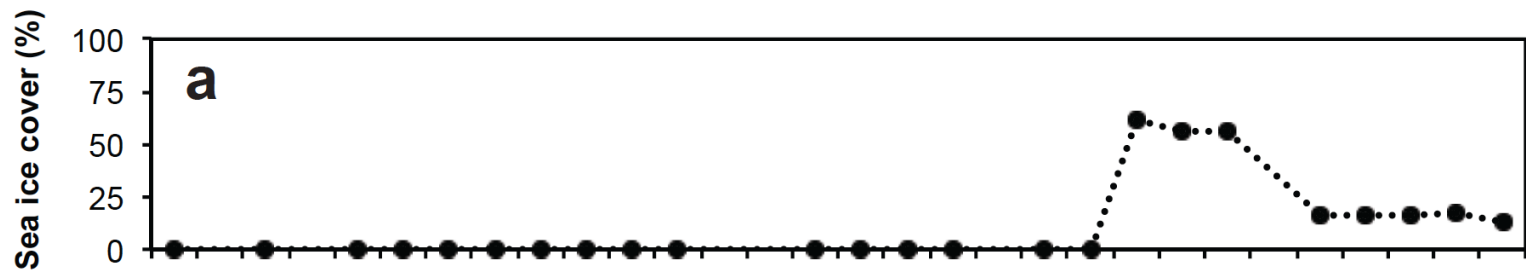


New Production



Phytoplankton Taxonomy: July 2013





~DBO1
~DBO2

AW/BSW

ACW

DBO3

DBO4

DBO5

Water Mass Differences in DBO3

