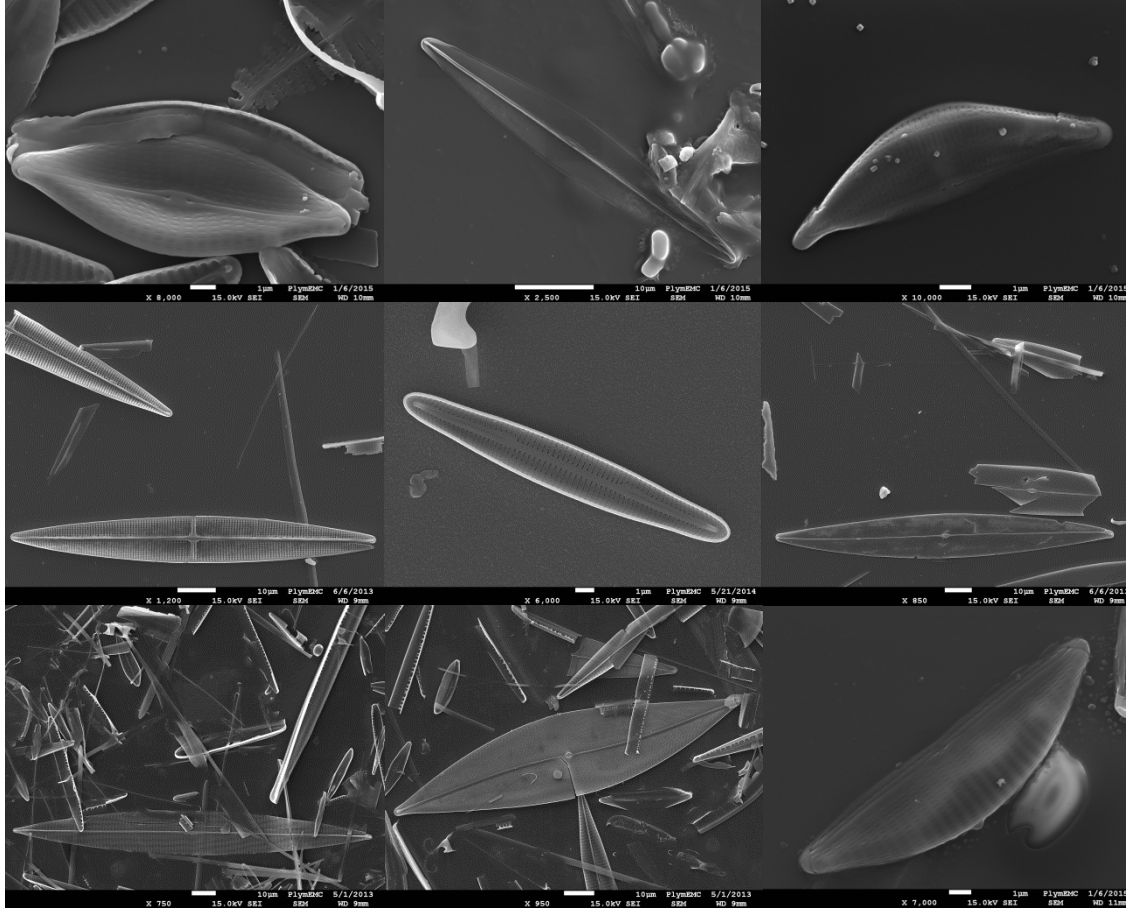


Thomas Brown
University of Plymouth
UK

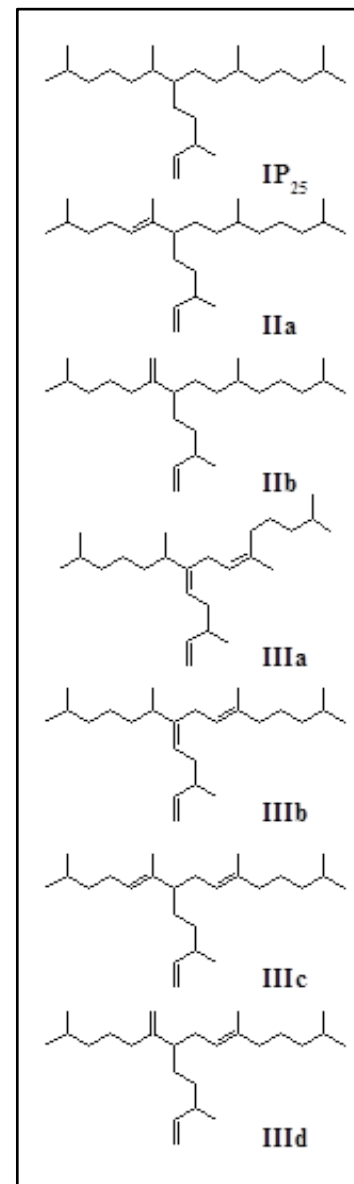
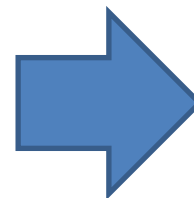
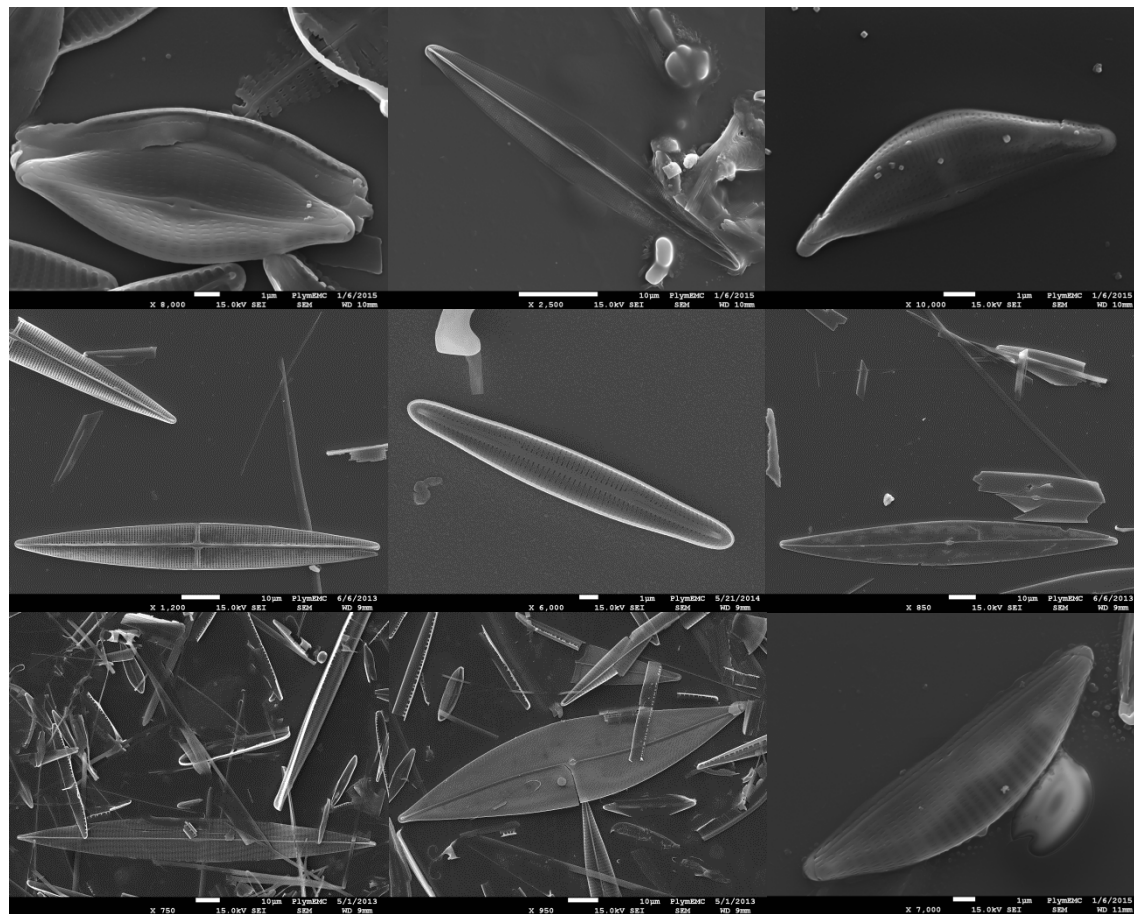
Thomas.brown@plymouth.ac.uk

- Current scientific interests/activities/techniques

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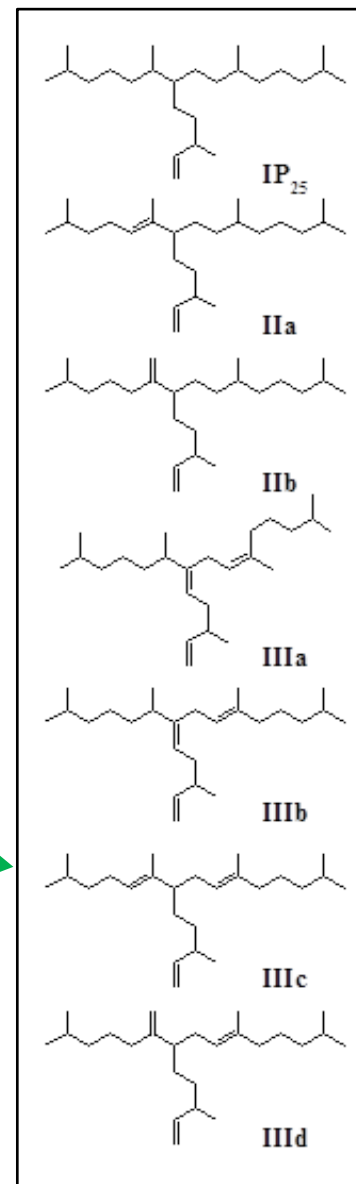
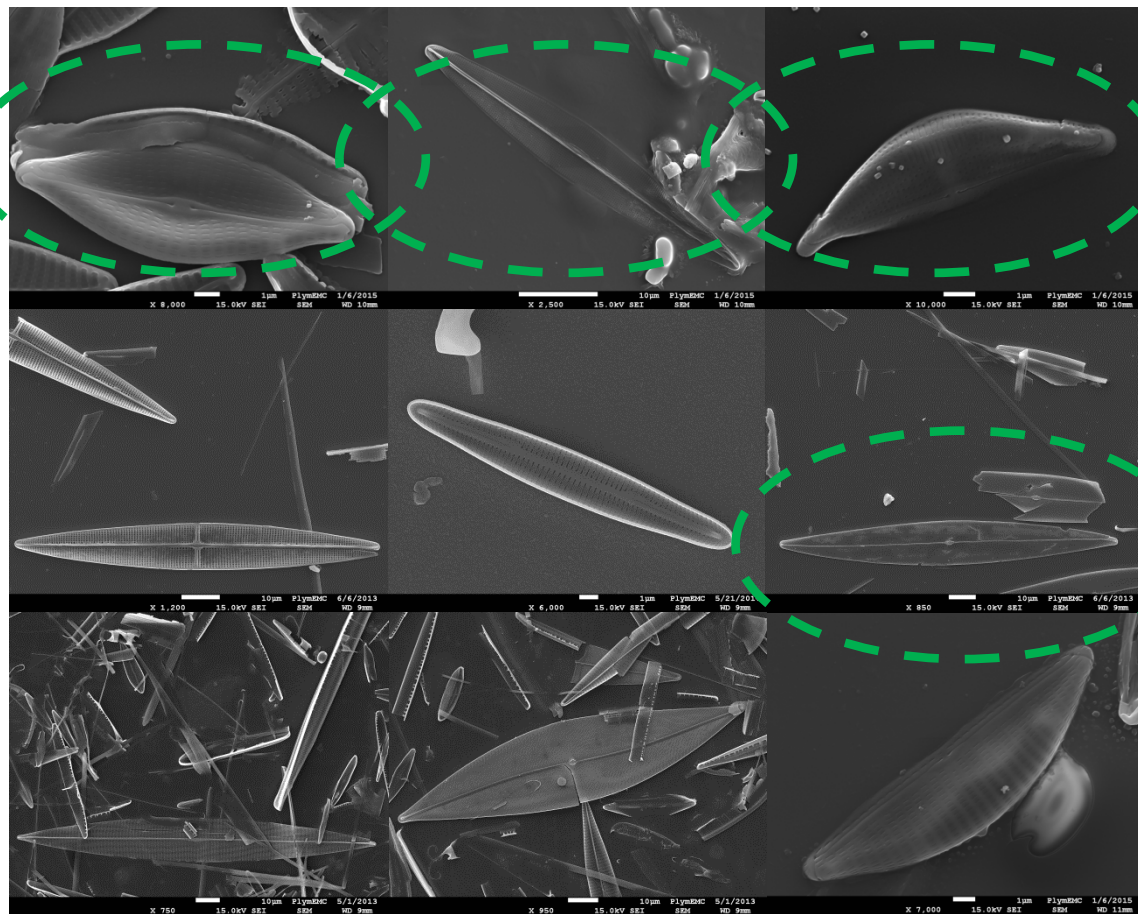


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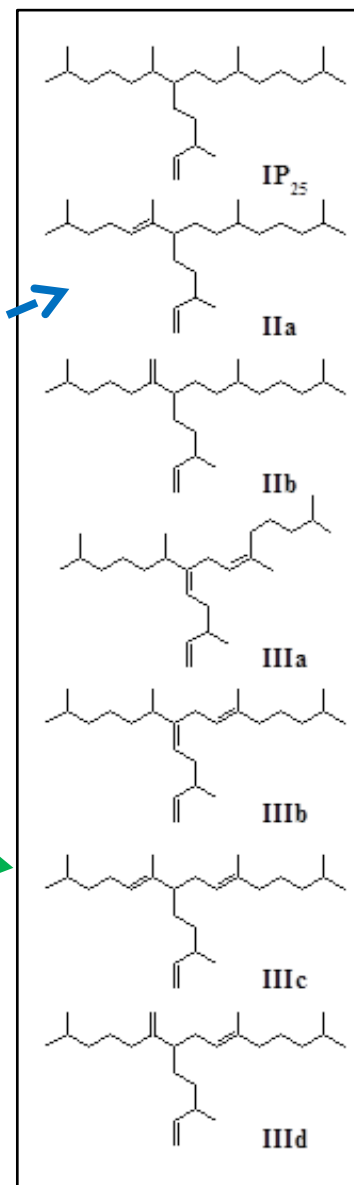
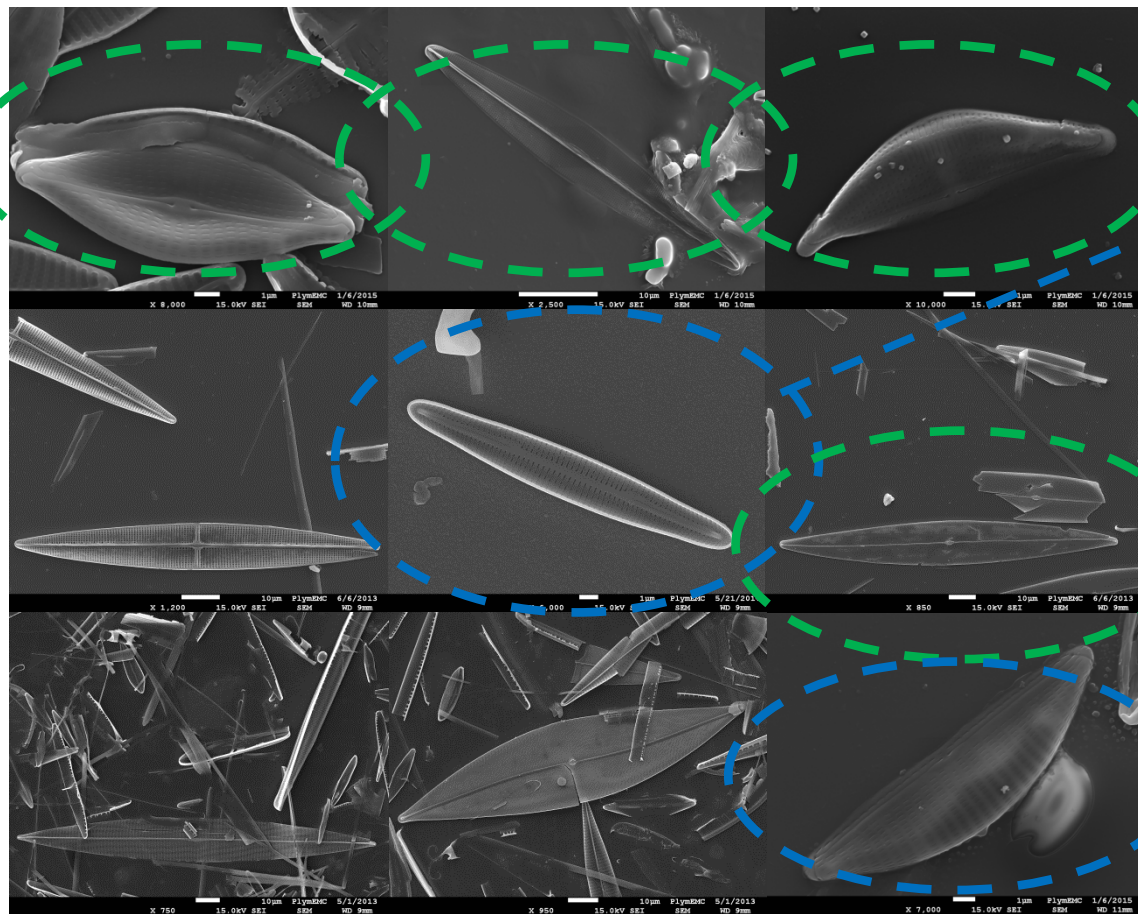
HBIs

- Current scientific interests/activities/techniques



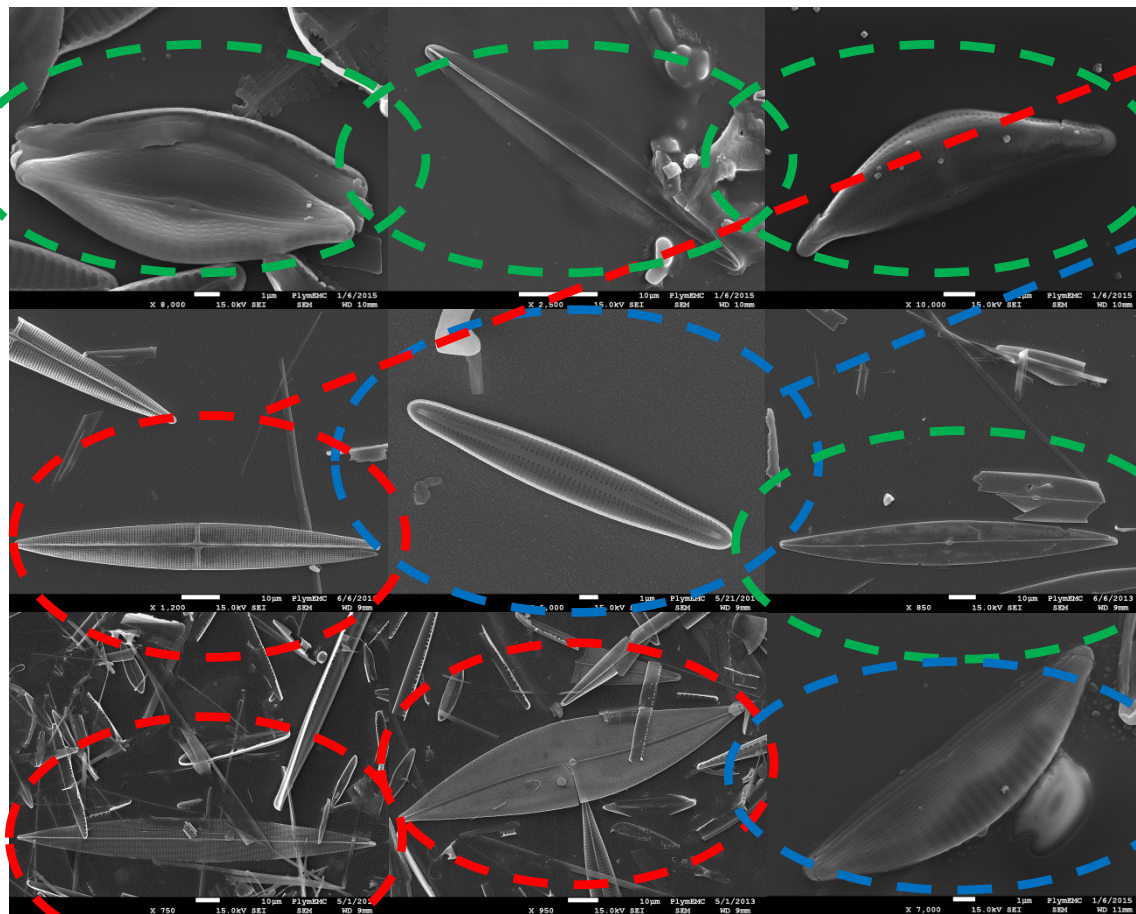
HBIs

- Current scientific interests/activities/techniques

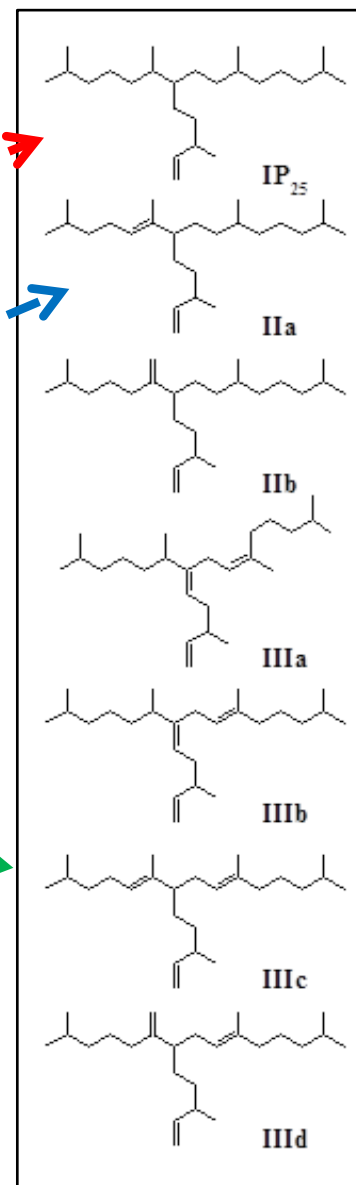


HBI_s

- Current scientific interests/activities/techniques



Brown et al (2014) Nature Comm.



HBIs

- Science ambitions, future areas for working

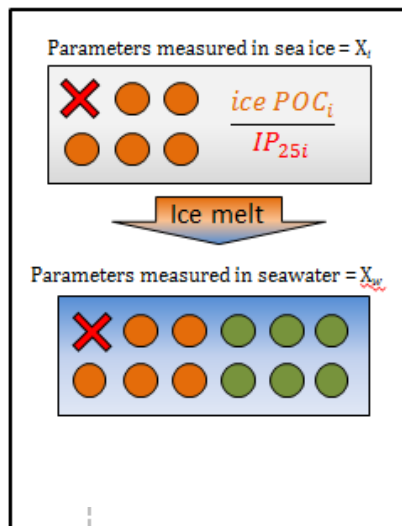
- Science ambitions, future areas for working

Quantifying sympagic carbon

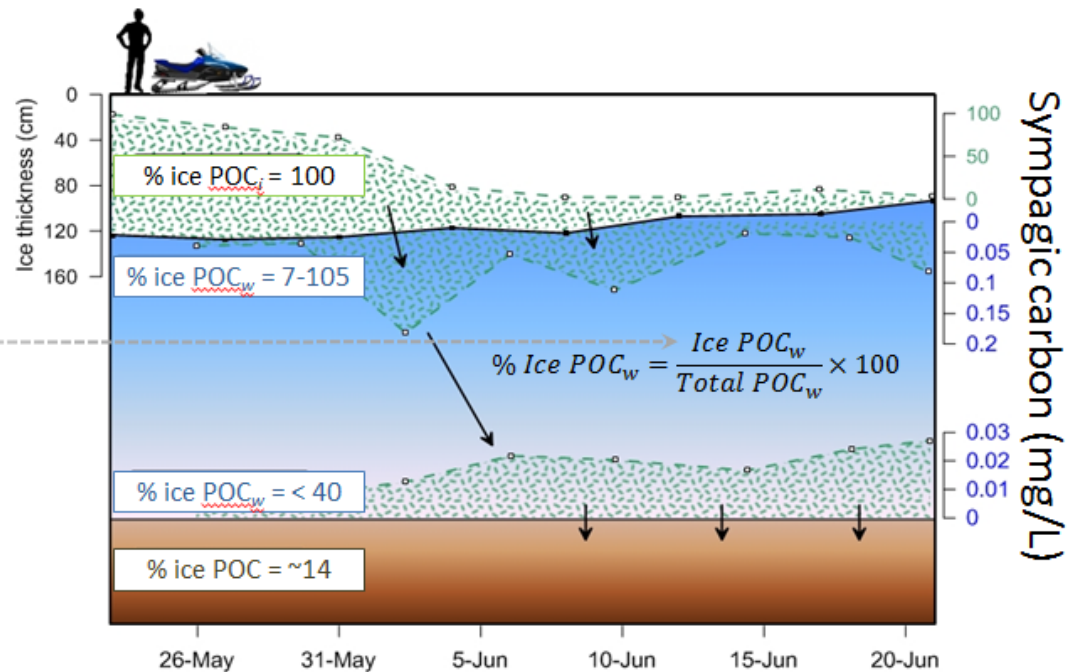
Following detection of IP_{25} in seawater samples, the concentration of sea ice derived POC in seawater can be calculated (step 1). Once sea ice POC concentration is calculated, it can be estimated as a proportion of total-POC (step 2).

- 1) Concentration of sympagic particulate organic carbon (POC) in seawater;


✗ = IP_{25} ● = ice POC ● = other POC

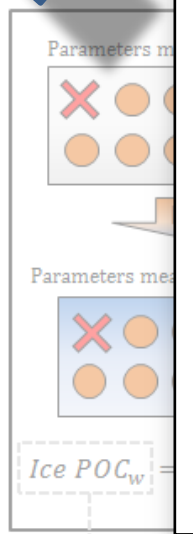


- 2) Proportion of sympagic particulate organic carbon (POC) carbon to total carbon in seawater;



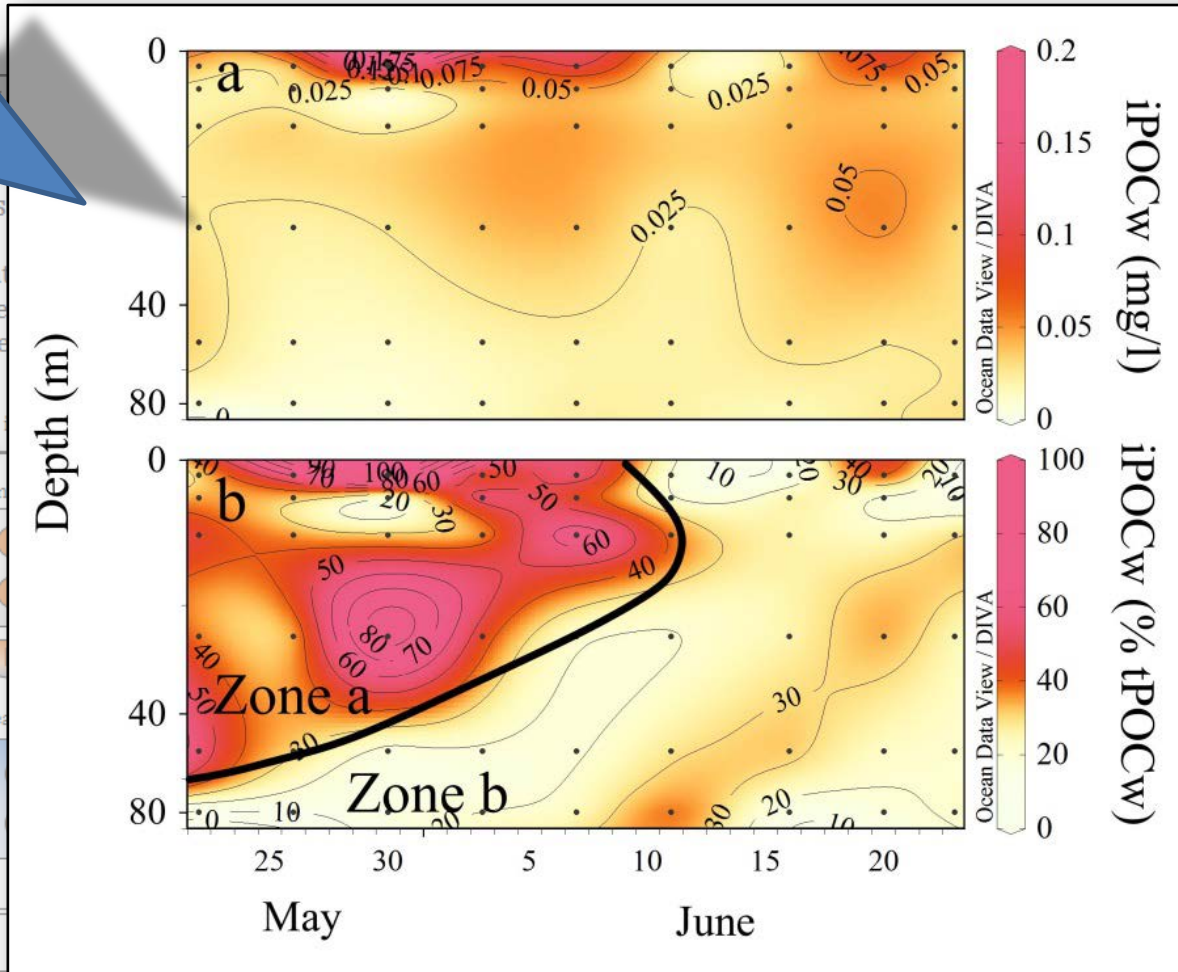
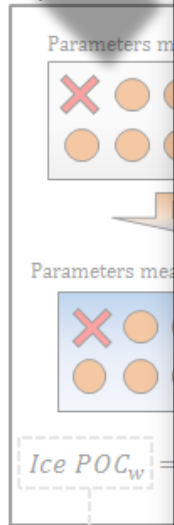
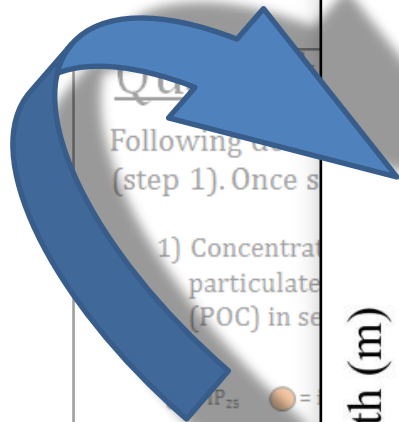
Brown et al (submitted) MEPS

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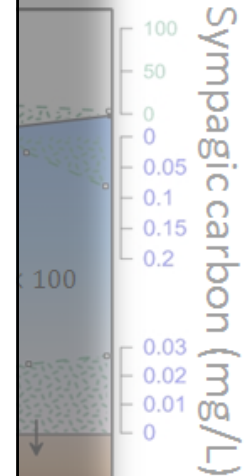


Brown et al (submitted) MEPS

- Science ambitions, future areas for working

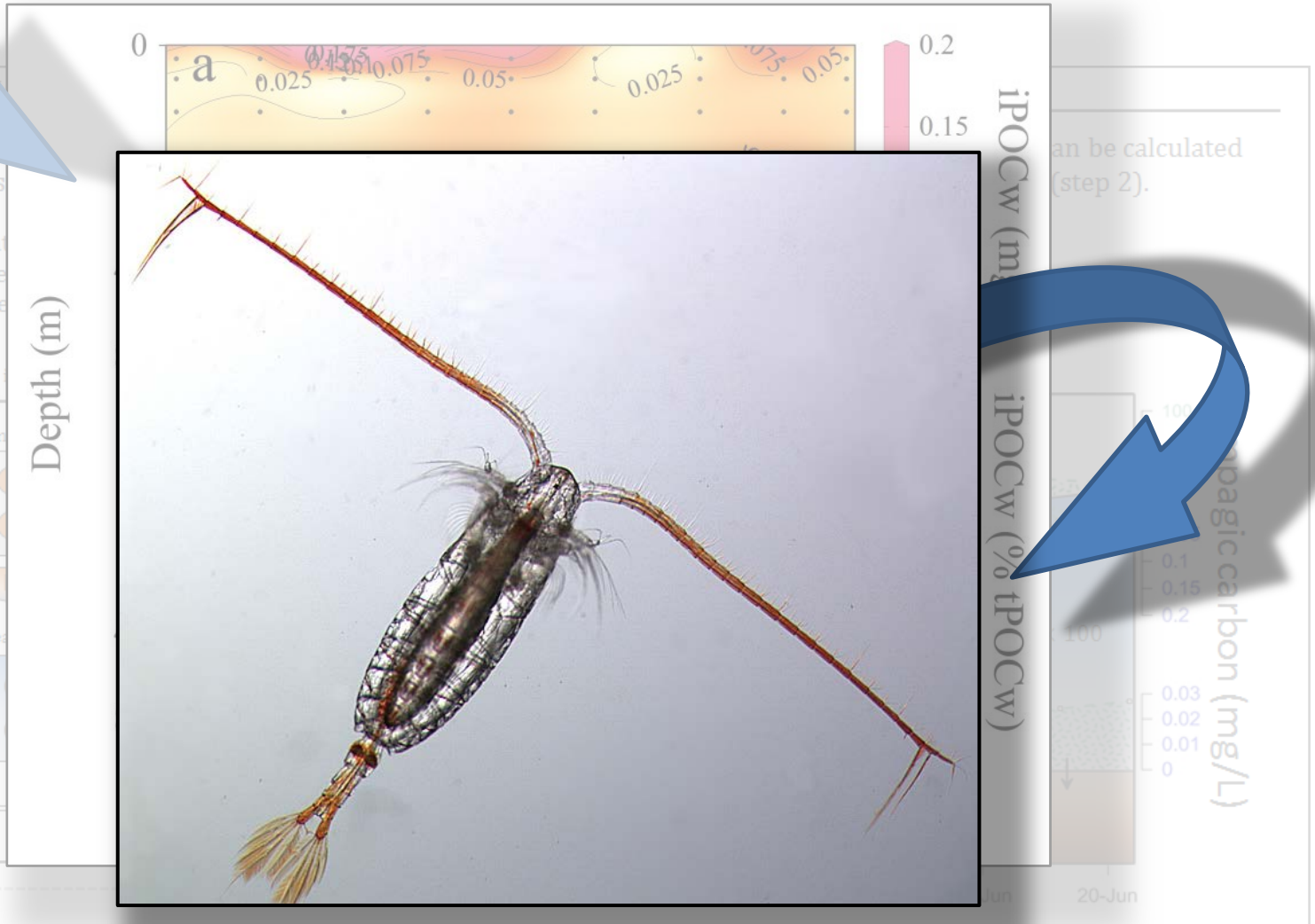
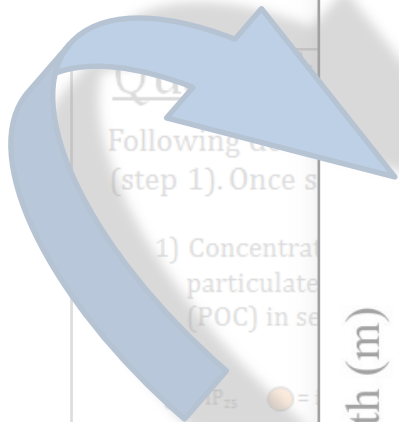


can be calculated
(step 2).



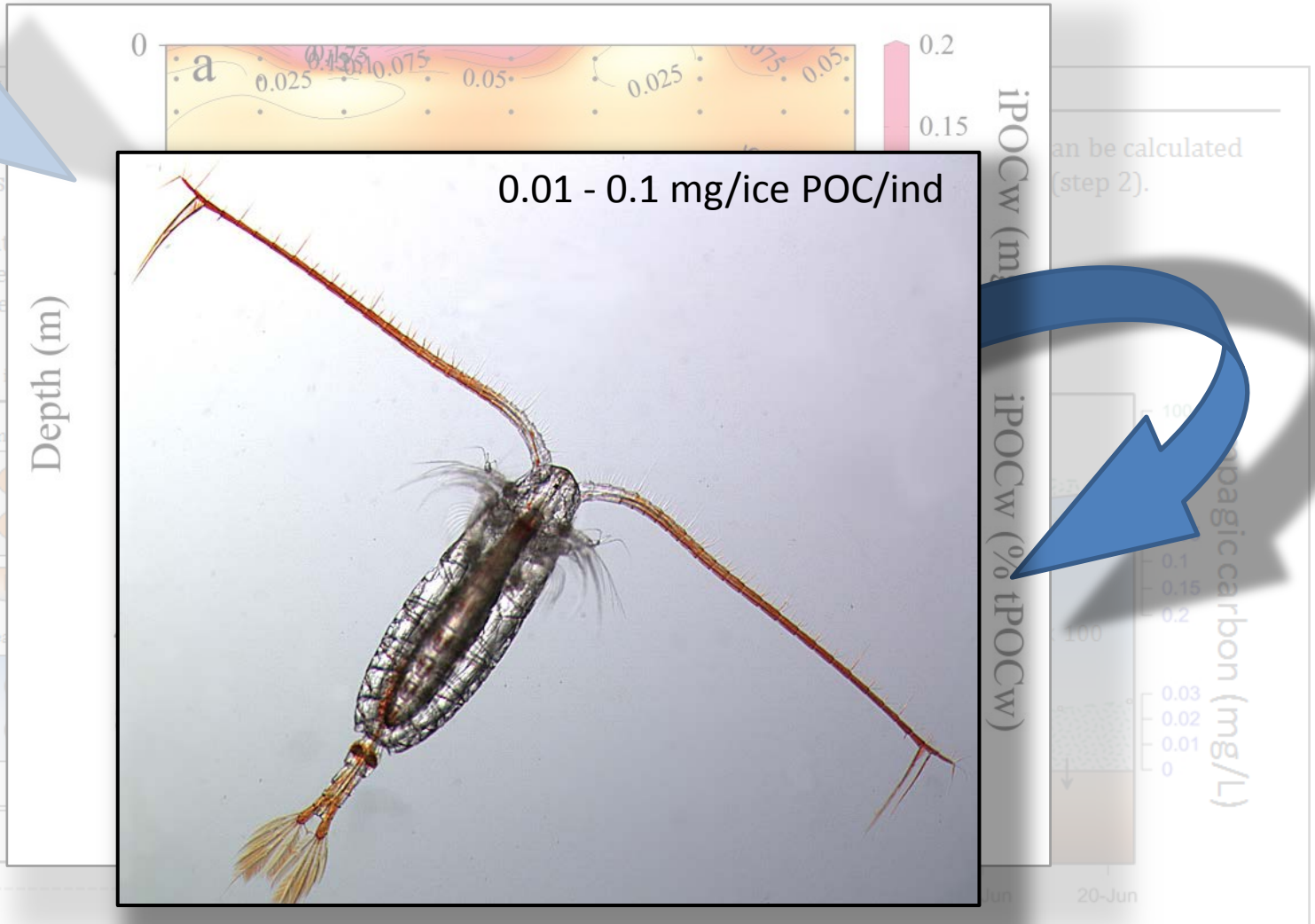
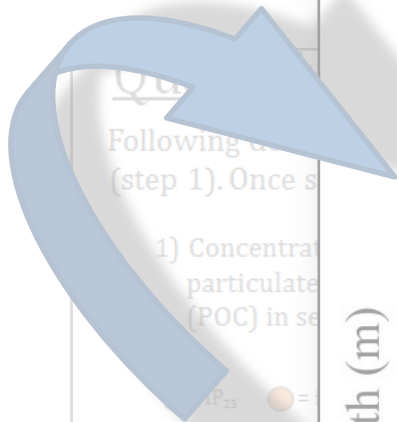
Brown et al (submitted) MEPS

- Science ambitions, future areas for working



Brown et al (submitted) MEPS

- Science ambitions, future areas for working



Brown et al (submitted) MEPS

- Information on current networks, research partnerships, etc

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- The Leverhulme Trust: Plymouth University. 2014-2017



The Leverhulme Trust

- FAABulous: PI Eva Leu, Akvaplan Niva. 2015-2019



The Research Council
of Norway

- ASP, CEOS University of Manitoba.



- Dept. Fisheries and Oceans. Manitoba.



Fisheries and Oceans
Canada