

Supplementary information accompanying ‘Nutrient regulation of late spring phytoplankton blooms in the mid-latitude North Atlantic’ by Thomas J. Browning et al.

In this document select microscope images from experimental treatments are reproduced. For all images presented, magnification is $\times 100$ and image width is approximately 600 μm . Note the differences in seawater volumes that samples have been concentrated from. The main diatoms identified are noted.

Exp. 1 Control (concentrated from volume: 50 mL)

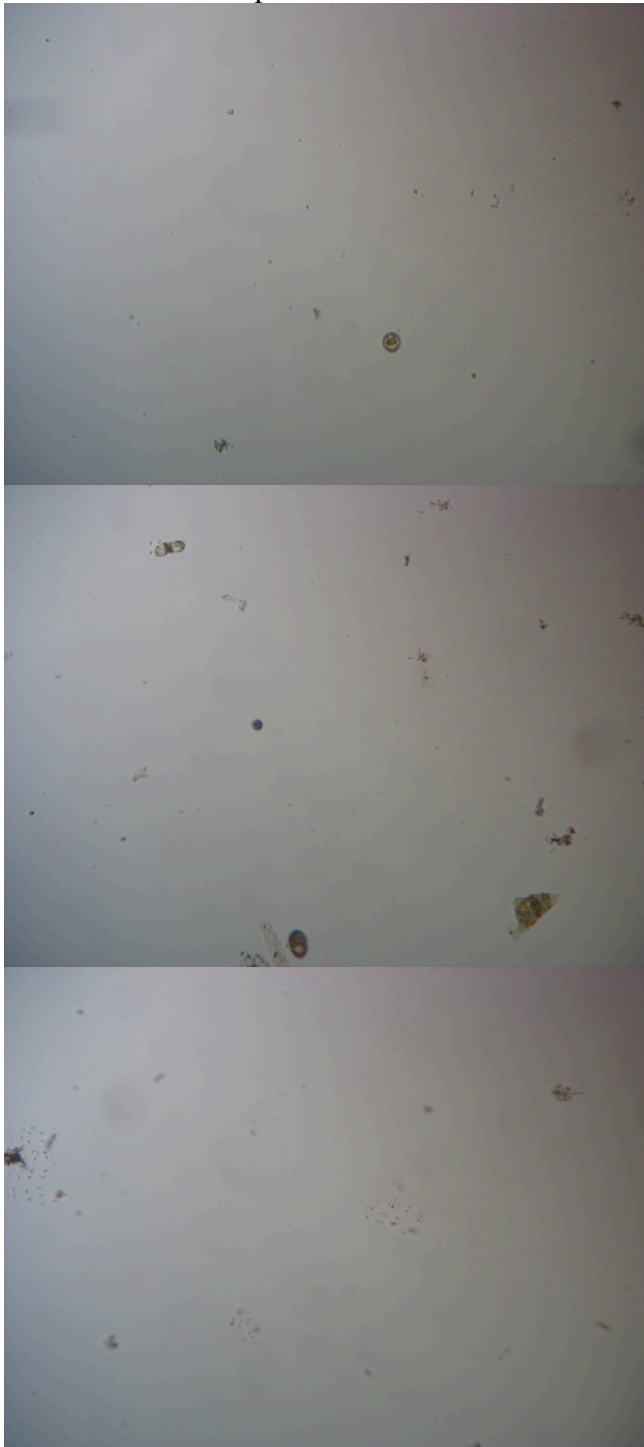
Main diatoms: few present



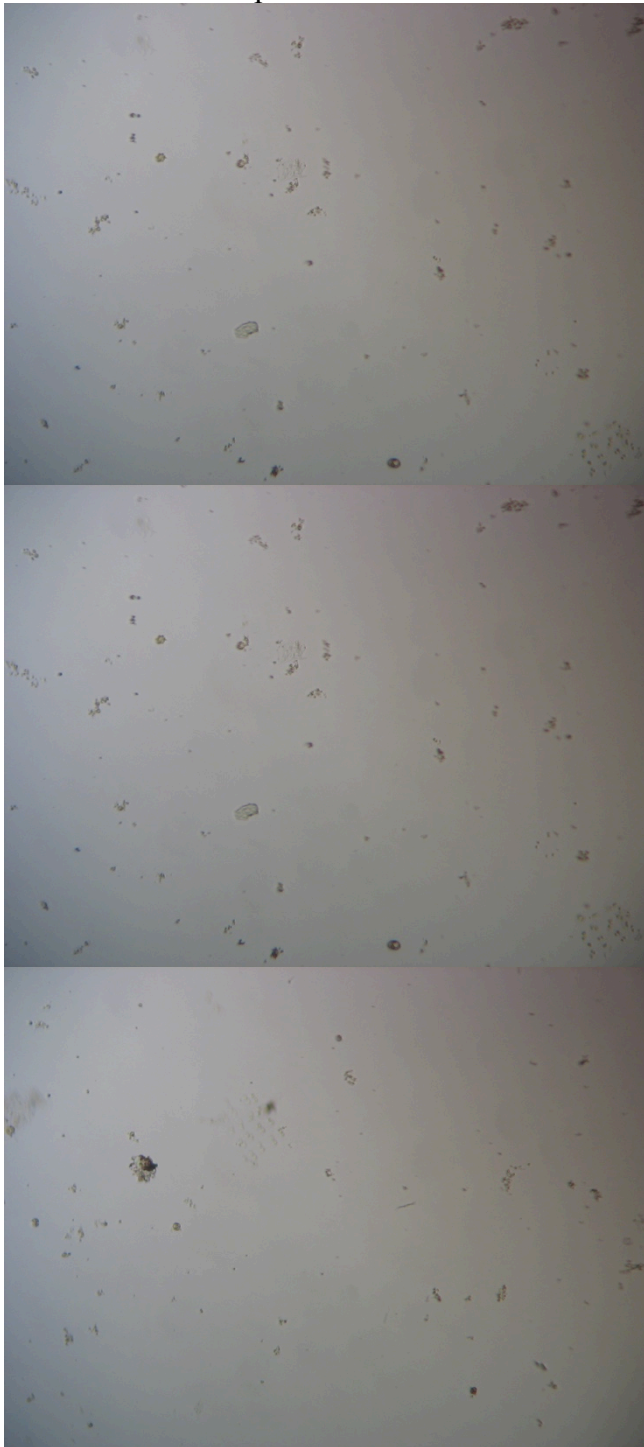
Exp. 1 N+Fe (concentrated from volume: 50 mL)
Main diatoms: few present (some *Pseudo-nitzschia*)



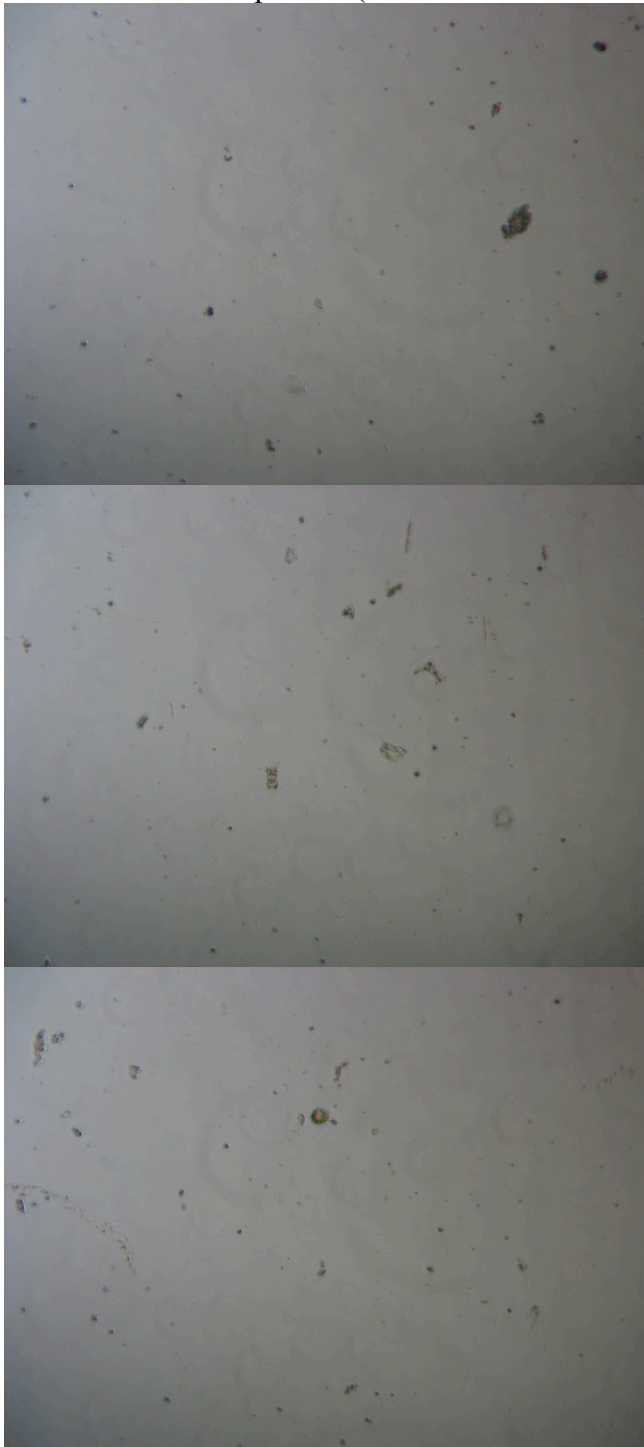
Exp. 2 Control (concentrated from volume: 50 mL)
Main diatoms: few present



Exp. 2 N+Fe (concentrated from volume: 50 mL)
Main diatoms: few present



Exp. 3 Control (concentrated from volume: 50 mL)
Main diatoms: few present (some *Pseudo-nitzschia*)



Exp. 3 N+Fe (concentrated from volume: 50 mL)

Main diatoms: few present (some *Pseudo-nitzschia* and *Guinardia*)



Exp. 4 Control (concentrated from volume: 50 mL)
Main diatoms: few present

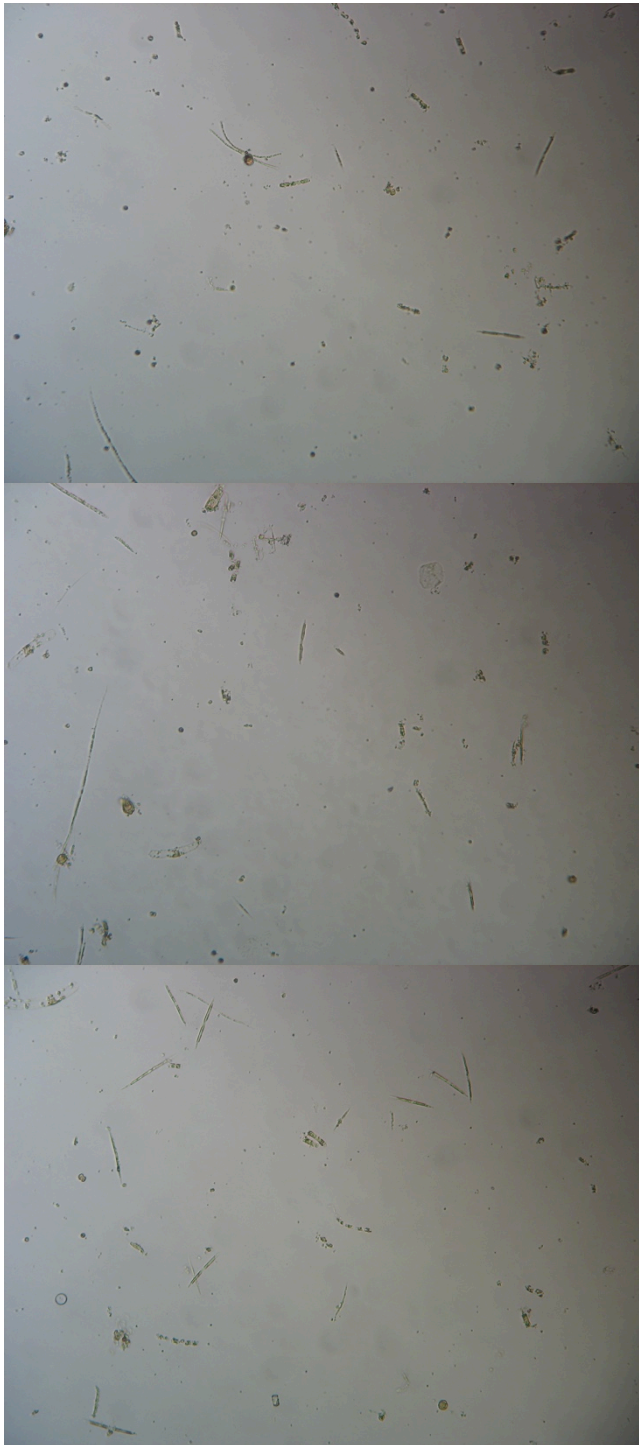


Exp. 4 Fe (concentrated from volume: 25 mL)

Main diatoms: (smaller single) *Pseudo-nitzschia*; (larger chains/colonies) *Guinardia*



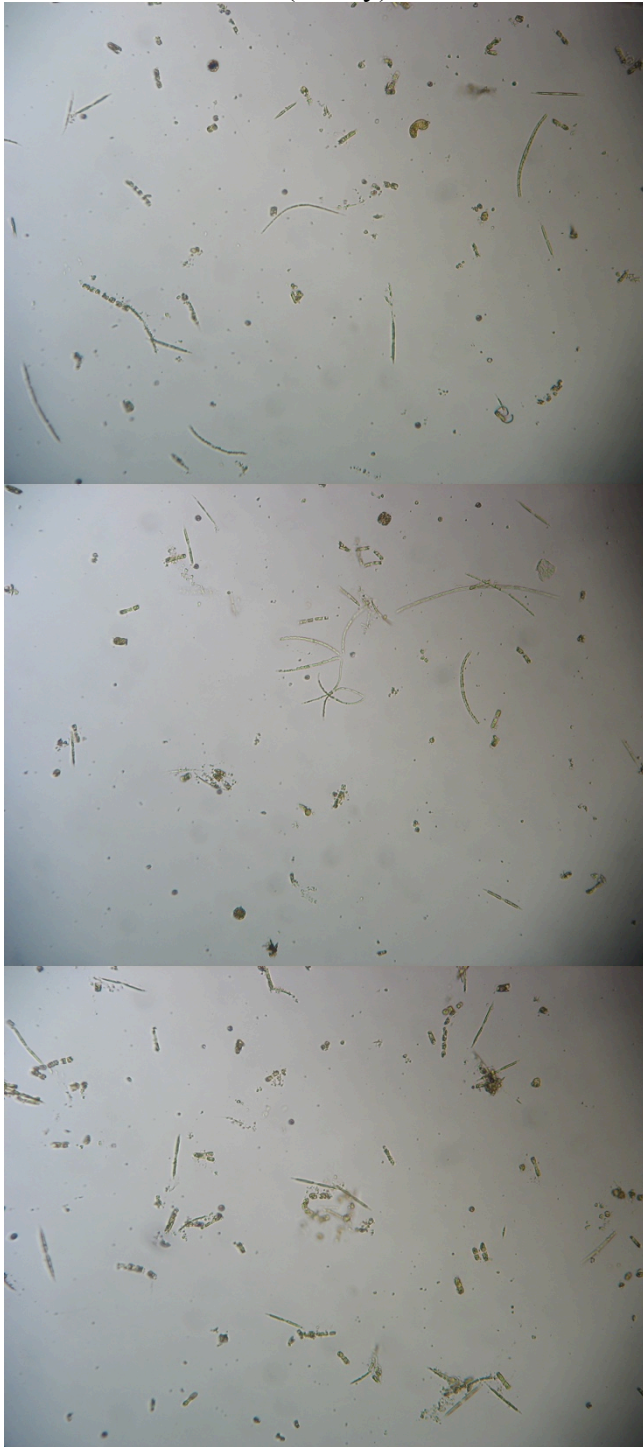
Exp. 5 Control (concentrated from volume: 25 mL)
Main diatoms: *Pseudo-nitzschia*



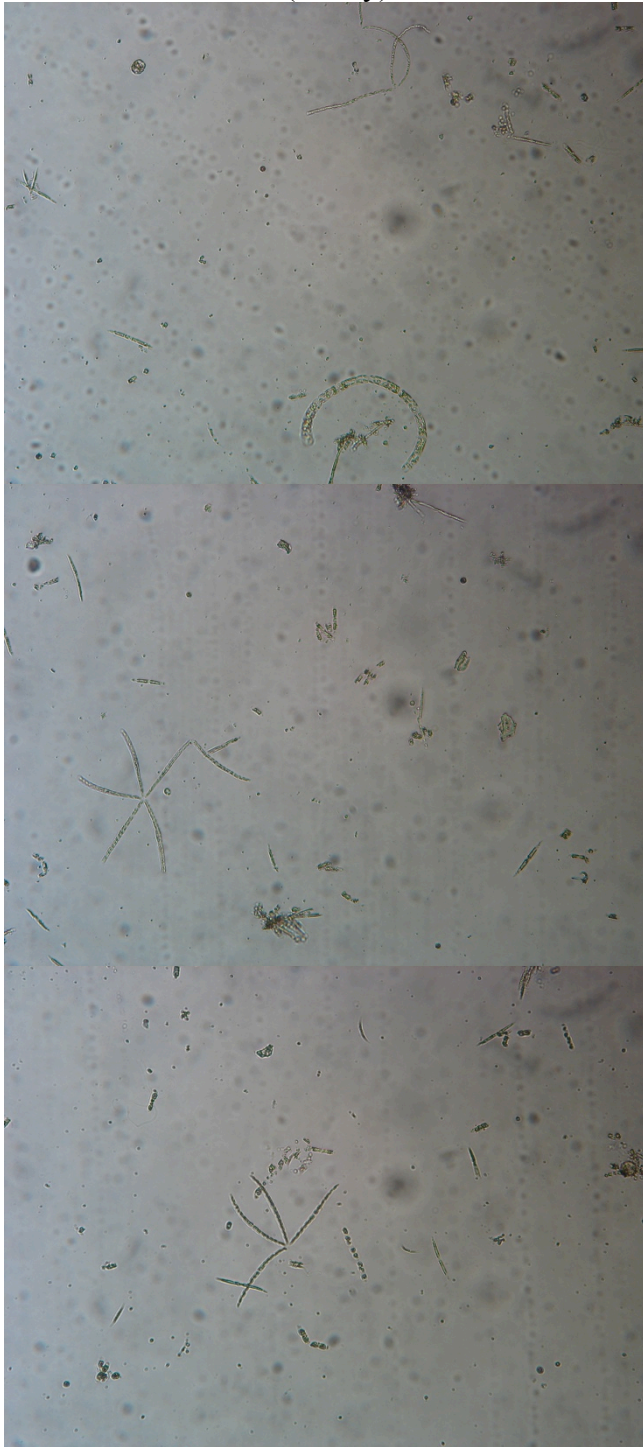
Exp. 5 N+Fe (concentrated from volume: 10 mL sample)

Main diatoms: (smaller single) *Pseudo-nitzschia* (larger chains/colonies)

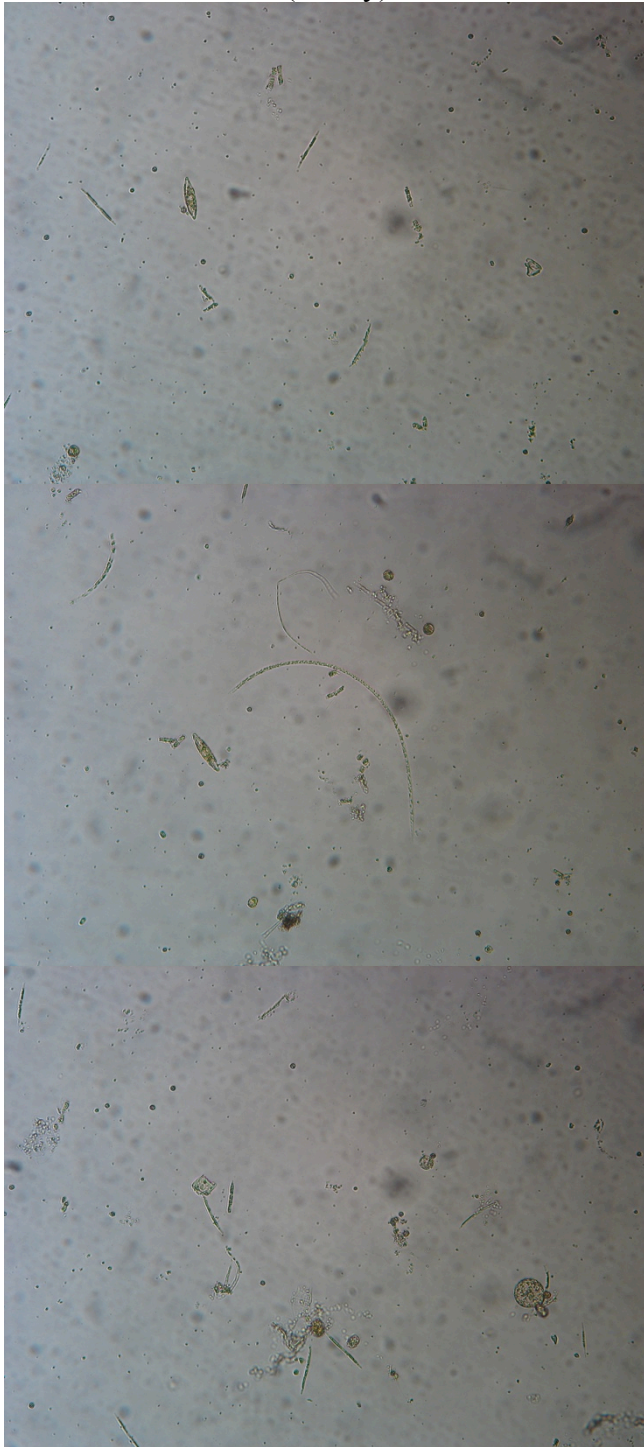
Thalassionemataceae (family) and *Guinardia*



Exp. 5 All (concentrated from volume: 10 mL sample)
Main diatoms: (smaller single) *Pseudo-nitzschia* (larger chains/colonies)
Thalassionemataceae (family) and *Guinardia*



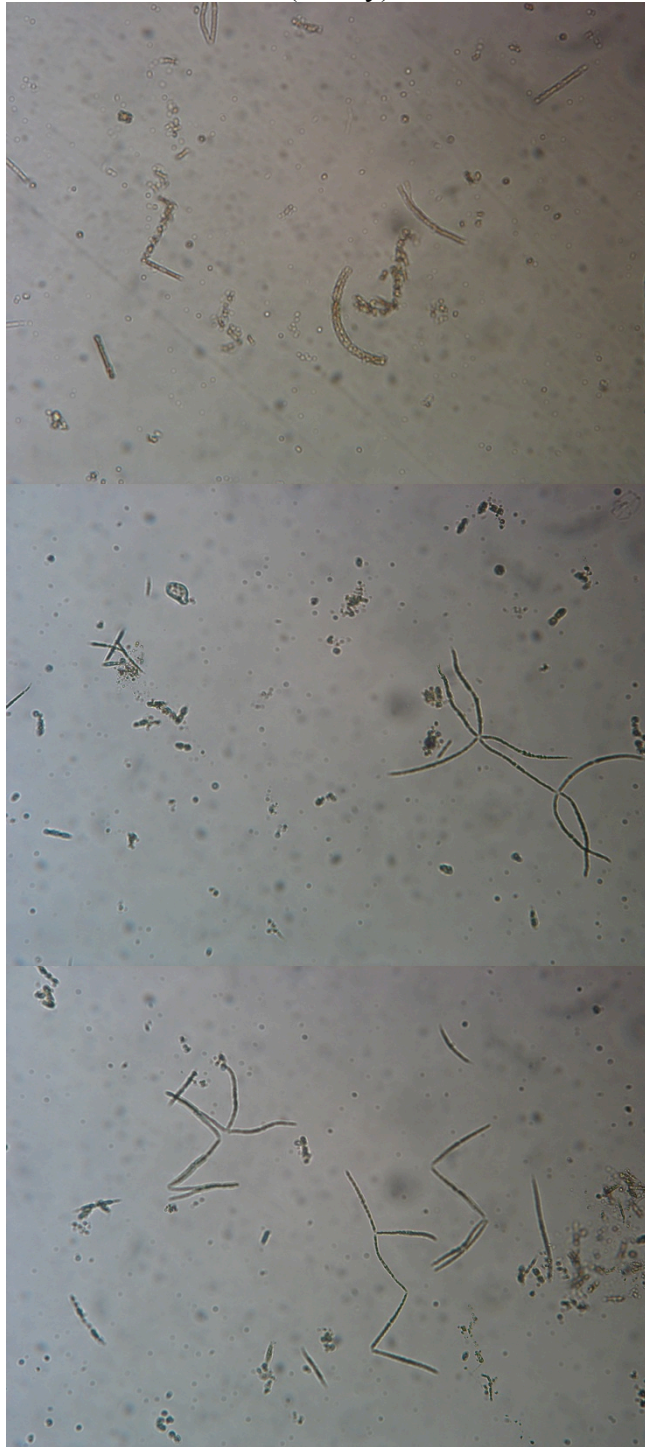
Exp. 6 Control (concentrated from volume: 25 mL sample)
Main diatoms: (smaller single) *Pseudo-nitzschia* (larger chains/colonies)
Thalassionemataceae (family) and *Guinardia*



Exp. 6 N+Fe (concentrated from volume: 10 mL sample)

Main diatoms: (smaller single) *Pseudo-nitzschia* (larger chains/colonies)

Thalassionemataceae (family) and *Guinardia*



Exp.6 All (concentrated from volume: 10 mL sample)
Main diatoms: (smaller single) *Pseudo-nitzschia* (larger chains/colonies)
Thalassionemataceae (family) and *Guinardia*

