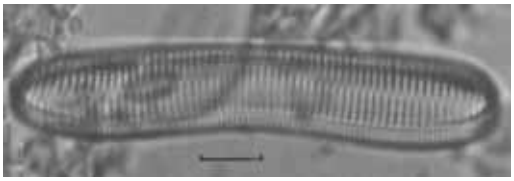
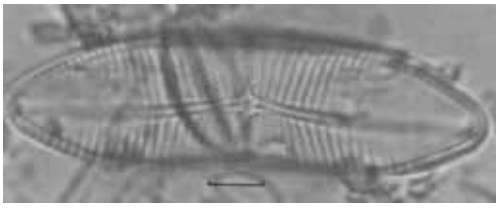
Diatoms found in different salinas

(Habitat 1 ≈41 g/L TDS, oligotrophic – 0.05 mg/L TPO4, 0.75 mg/L TKN)

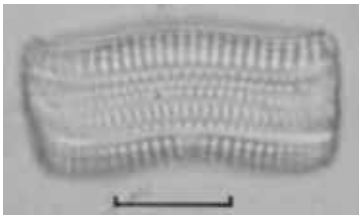
Acnanthes brevipes var *intermedia*



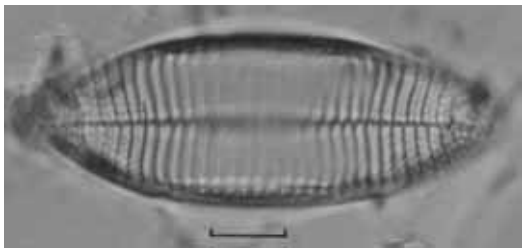
Acnanthes brevipes



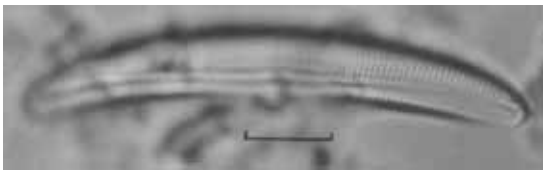
Acnanthes brevipes var *angustata*



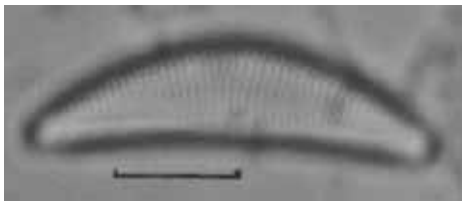
Acnanthes brevipes (girdle view)



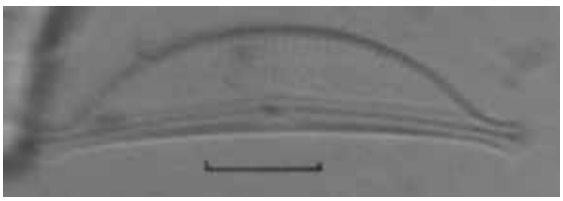
Acnanthes javanica



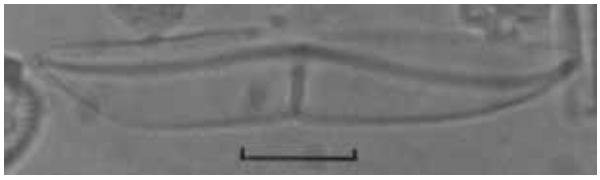
Amphora 1



Amphora 2

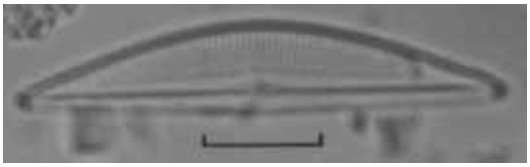


Amphora holsatica



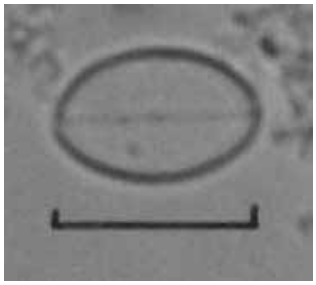
Amphora ocellata

Amphora proteus

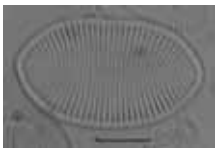


Amphora ventricosa

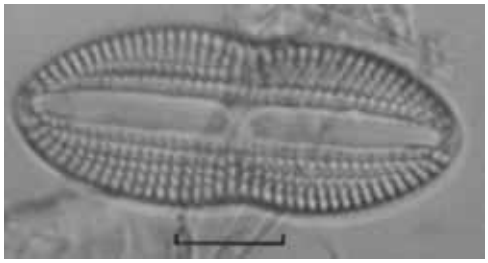
Caloneis sp



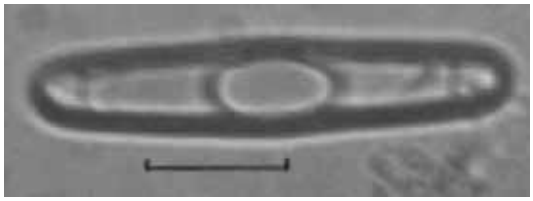
Cocconeis 1



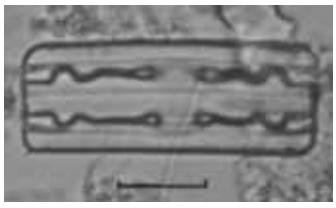
Cocconeis scutellum



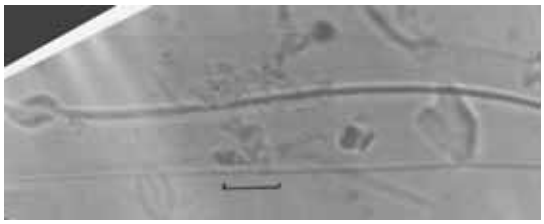
Diploneis abormis



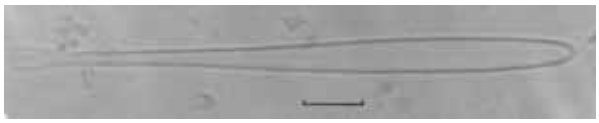
Grammatophora oceanica (valve view)



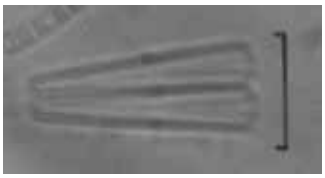
Grammatophora oceanica (girdle view)



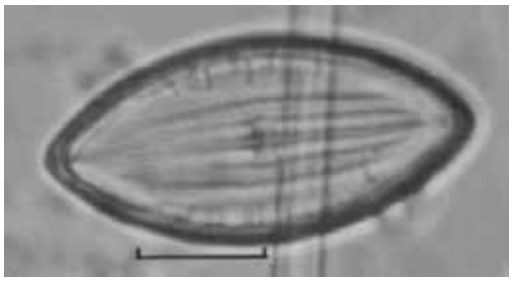
Gyrosigma balticum



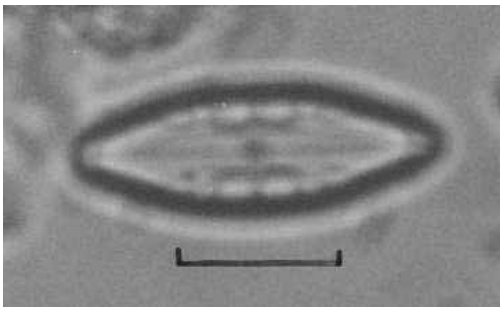
Licmophora flabellata



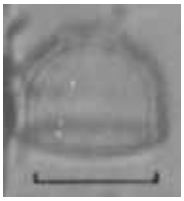
Licmophora (girdle view)



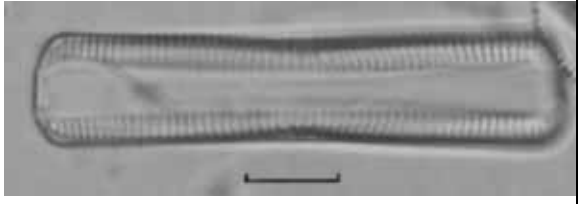
Mastogloia baldjikiana (showing septal chambers)



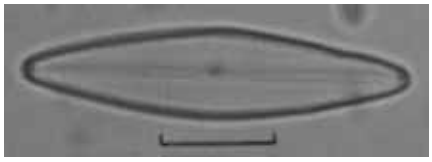
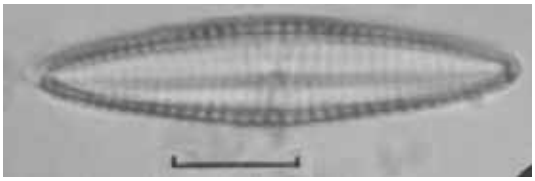
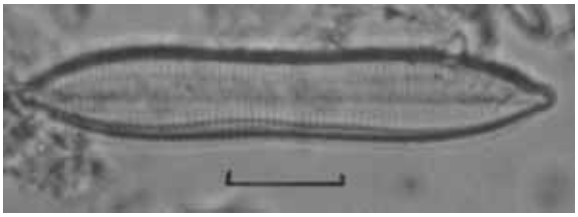
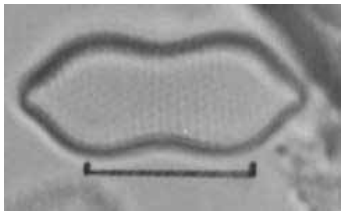
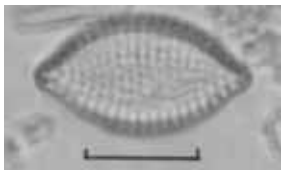
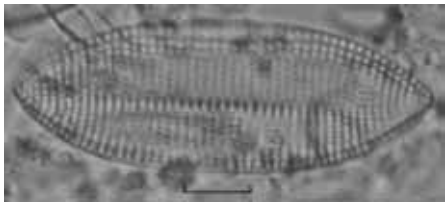
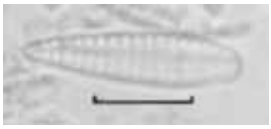
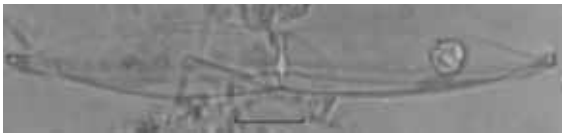
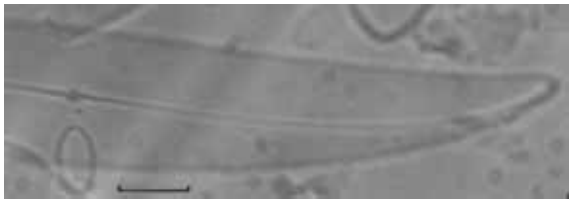
Mastogloia exigua

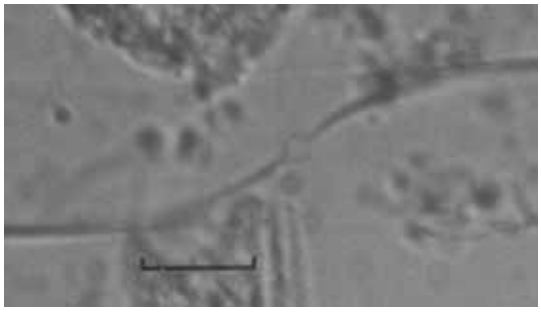
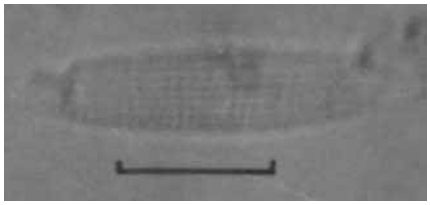


Melosira nummuloides

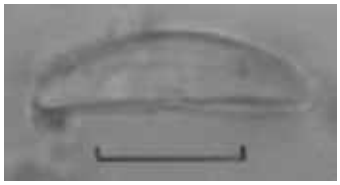
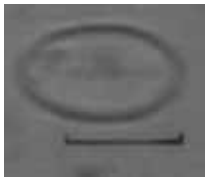


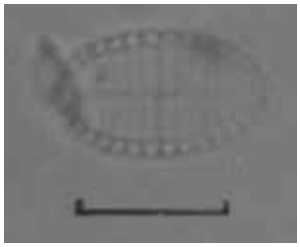
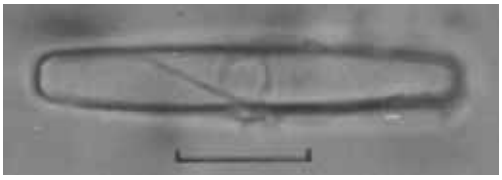
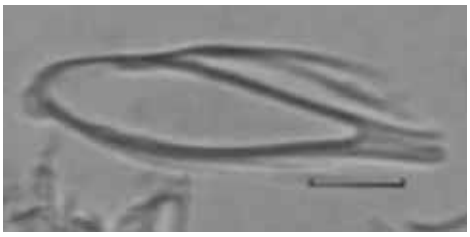
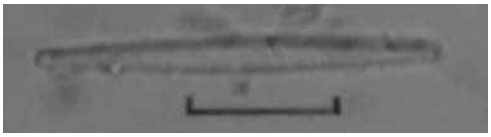
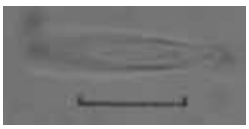
Navicula (girdle view)

 *Navicula* 1	 *Navicula avenacea*
 *Navicula ramosissima* (parallel striae)	 *Nitzschia* 1
 *Nitzschia apiculata*	 *Nitzschia constricta*
 *Nitzschia dissipata*	 *Nitzschia longissima* var *reversa*
 *Nitzschia punctata*	 *Nitzschia tryblionella*
 *Nitzschia vidovichii*	 *Opephora martyi*
 *Plagiotropis lepidoptera*	 *Pleurosigma* sp

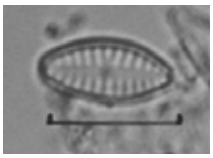
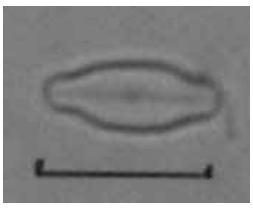
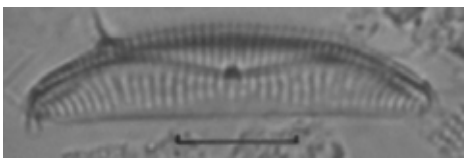
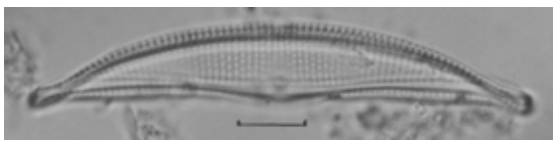
 *Roicosigma* sp	 *Synedra laevigata* var *hyalina*
	
	

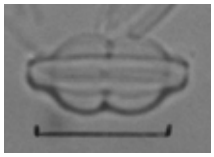
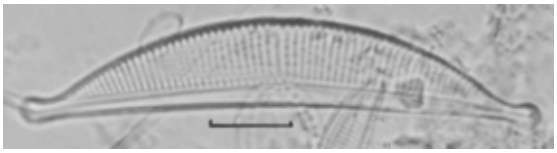
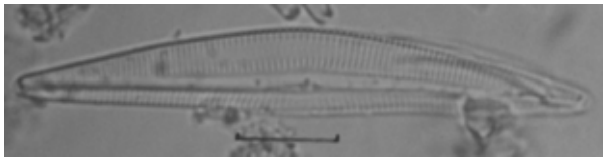
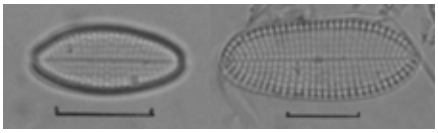
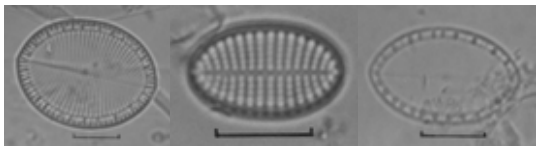
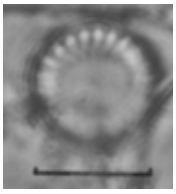
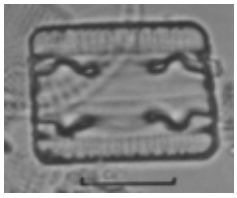
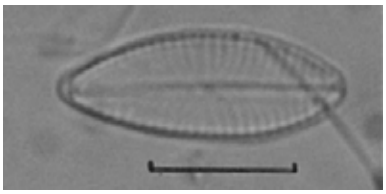
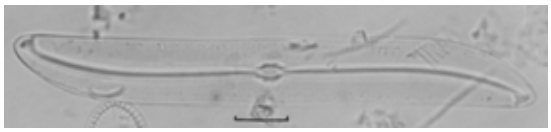
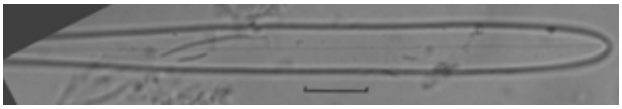
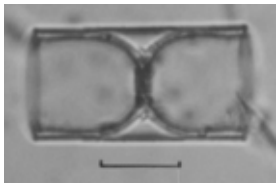
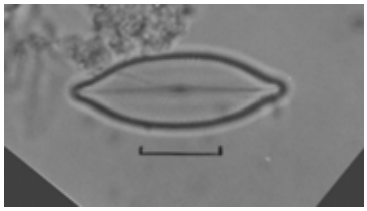
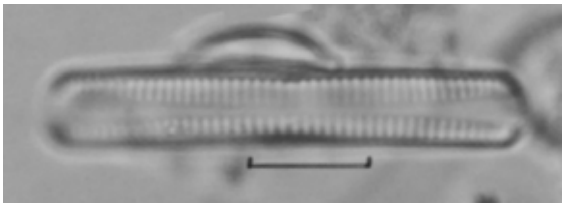
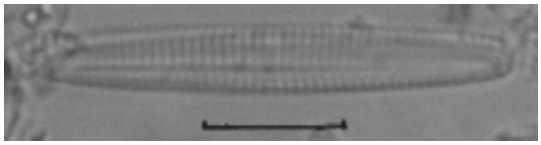
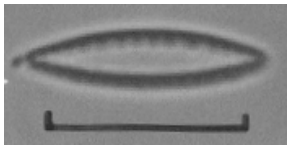
(Habitat 2 ≈42.3 g/L TDS, oligotrophic – 0.06 mg/L TPO4, 0.65 mg/L TKN)

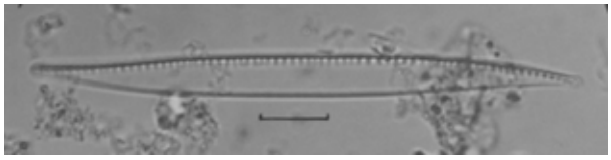
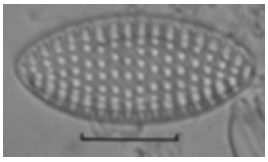
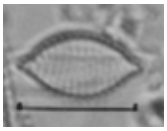
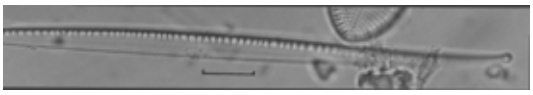
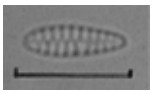
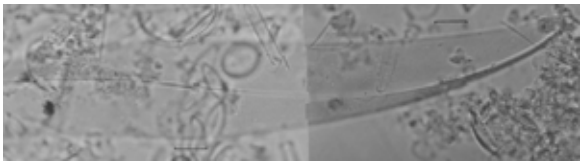
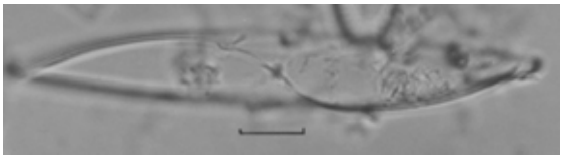
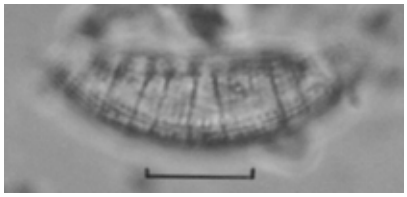
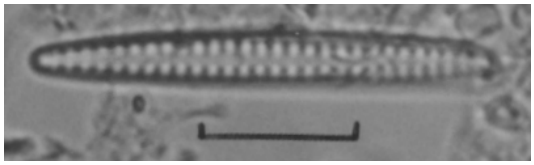
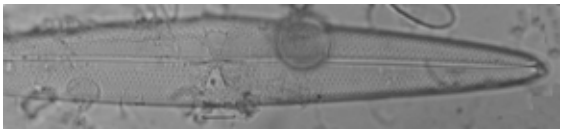
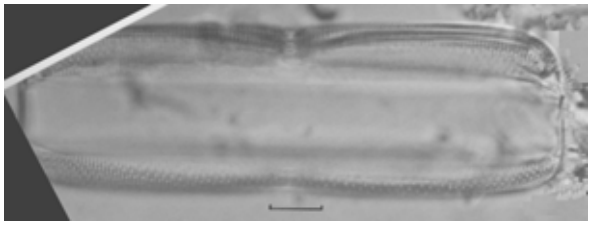
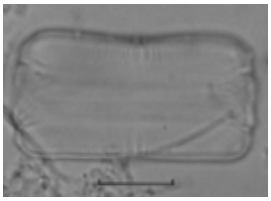
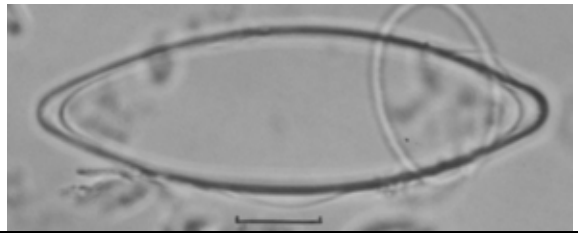
 *Amphora* 5	 *Cocconeis* 1
 *Cocconeis placentula*	 *Cocconeis scutellum*

 *Cocconeis stauroneiformis*	 *Grammatophora oceanica*
 *Licmophora* sp	 *Nitzschia dissipata*
 *Synedra laevigata* var *hyalina*	 *Tabularia fasciculata (syn Synedra tabulata, S.fasciculata)*
	

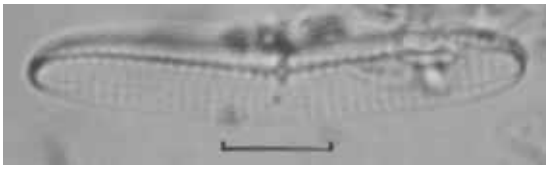
(Habitat 3 ≈30 g/L TDS, eutrophic – 0.53 mg/L TPO4, 1.66 mg/L TKN)

 *Acnanthes* sp	 *Acnanthes exigua*
 *Amphora* 3	 *Amphora* 4

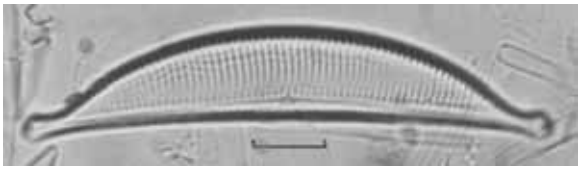
 *Amphora bigibba*	 *Amphora holsatica*
 *Amphora ventricosa*	  *Cocconeis scutellum*
 *Cyclotella* 1	 *Grammatophora oceanica* (girdle view)
 *Gomphonema parvulum*	 *Gyrosigma balticum*
 *Licmophora flabellata*	 *Melosira nummuloides*
 *Navicula* 2	 *Navicula* (girdle view)
 *Navicula ramosissima*	 *Nitzschia* 1

 *Nitzschia obtusa* (was N.2)	 *Nitzschia granulata*
 *Nitzschia longissima* var *reversa*	 *Nitzschia punctata*
 *Nitzschia sigma*	 *Opephora martyi*
 *Pleurosigma* sp	 *Rhoicosigma* sp
 *Rhopalodia* sp	 *Synedra crystallina*
 *Tabularia investiens* (syn *Synedra investiens*)	 *Trachyneis aspera*
	
	

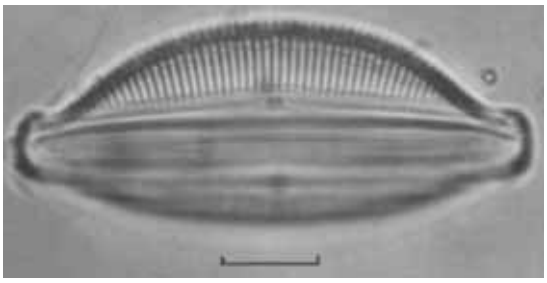
(Habitat 4 ≈65 g/L TDS, eutrophic – 0.05 mg/L TPO4, 1.82 mg/L TKN)



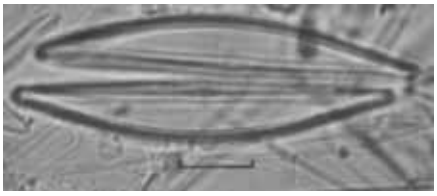
Acnanthes brevipes



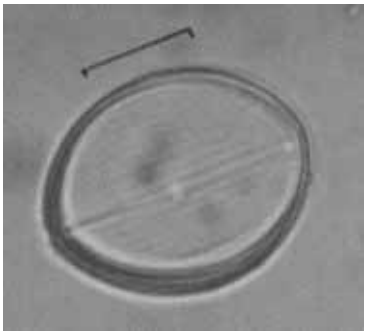
Amphora holsatica



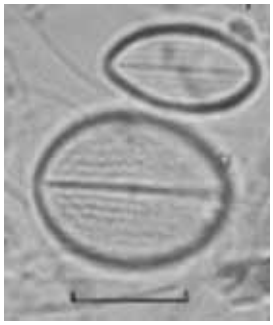
Amphora holsatica



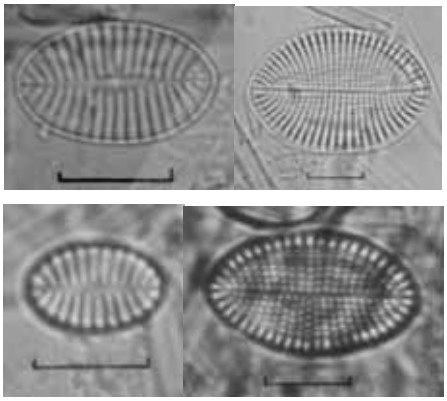
Amphora ventricosa



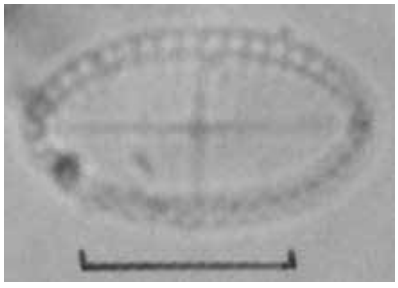
Cocconeis pediculus



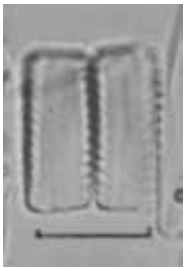
Cocconeis placentula



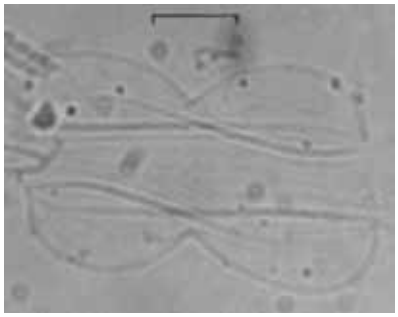
Cocconeis scutellum



Cocconeis stauroneiformis



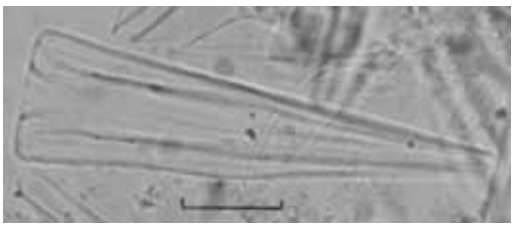
Cyclotella sp (girdle view)



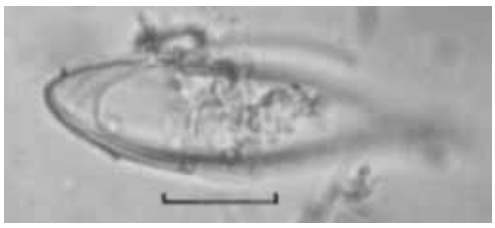
Entomoneis sp

Grammatophora oceanica

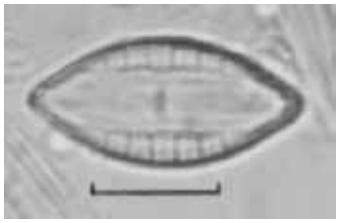
Gyrosigma balticum



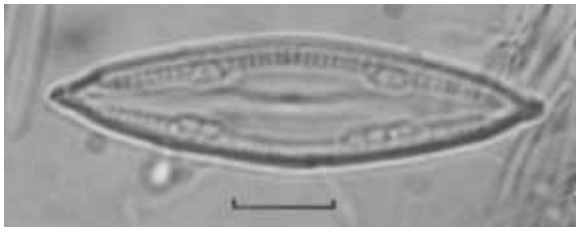
Licmophora (girdle view)



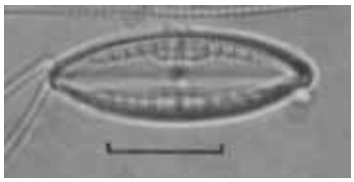
Licmophora sp



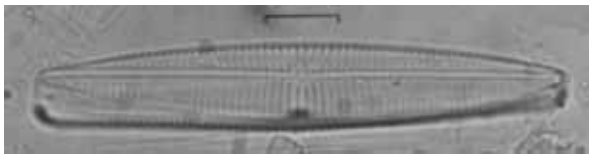
Mastogloia baldjikiana



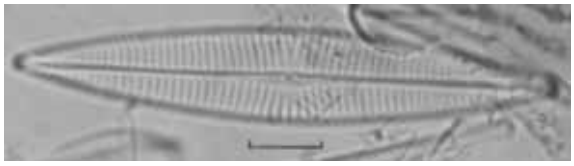
Mastogloia erythraea



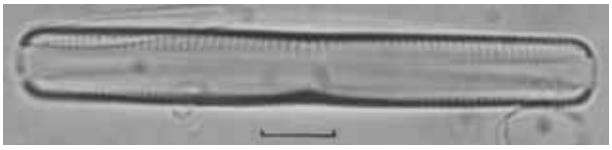
Mastogloia pumila



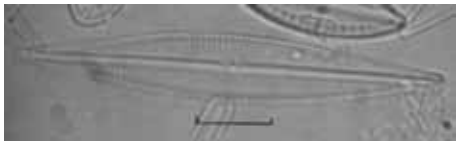
Navicula avenacea (oblique view)



Navicula avenacea

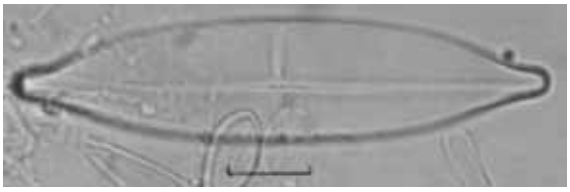
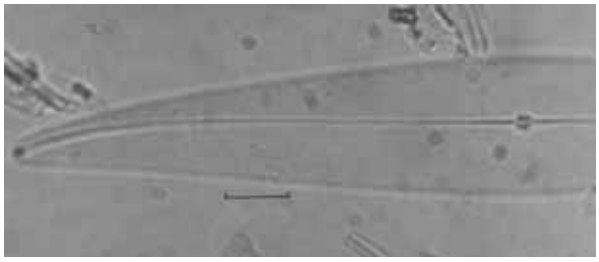
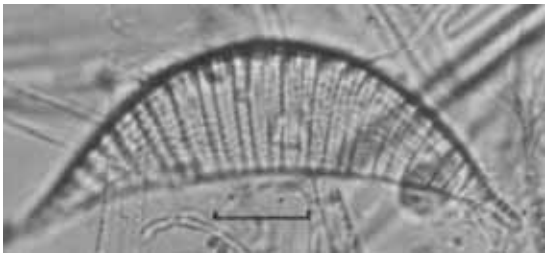
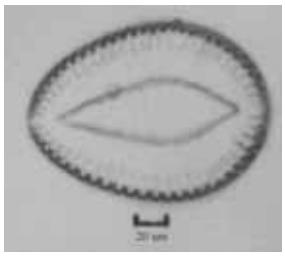
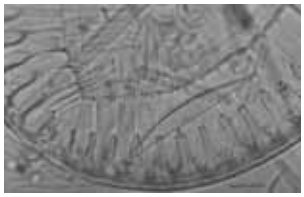
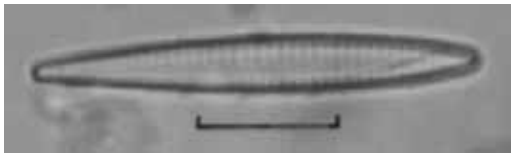
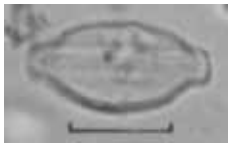
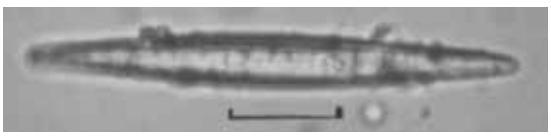


Navicula in girdle view

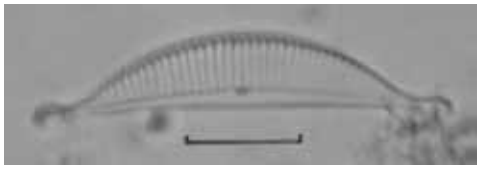
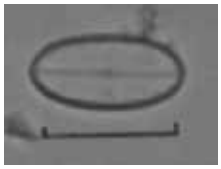
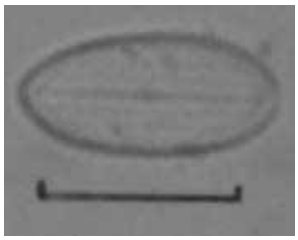
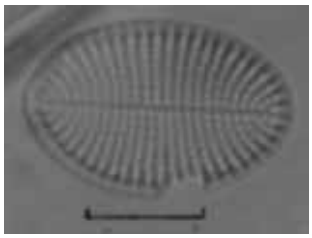
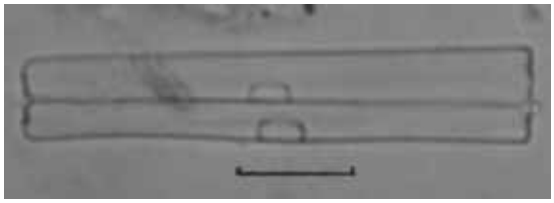
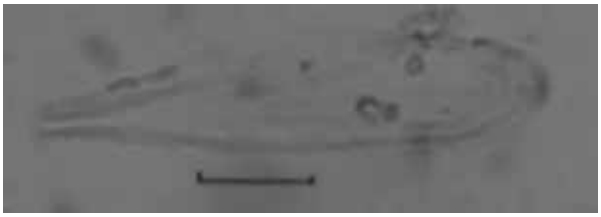
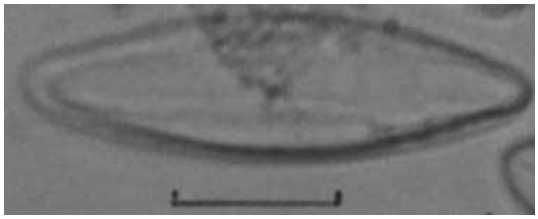
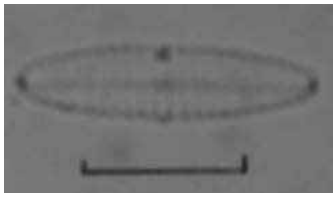
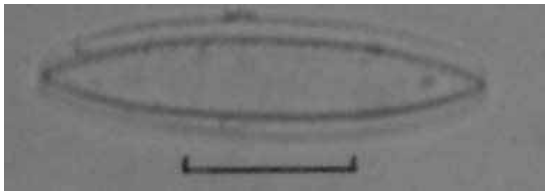
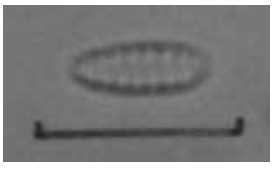
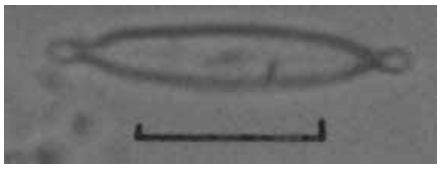
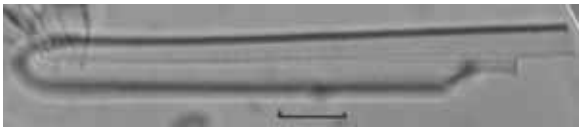
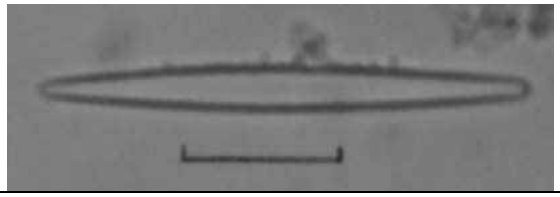


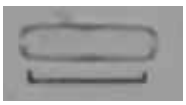
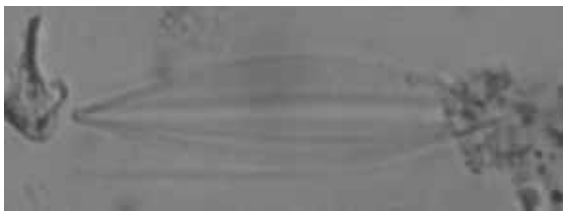
Navicula 4

Nitzschia longissima var *reversa*

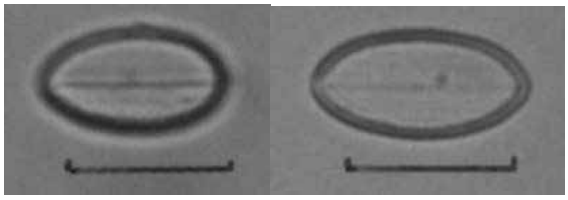
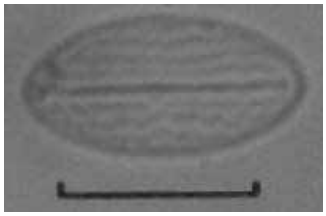
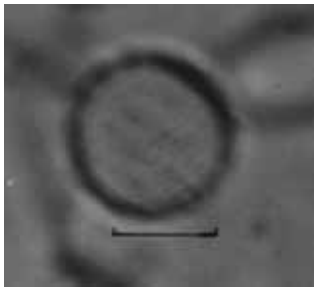
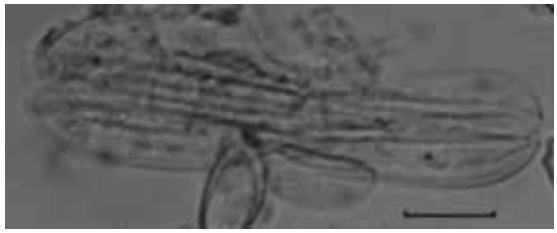
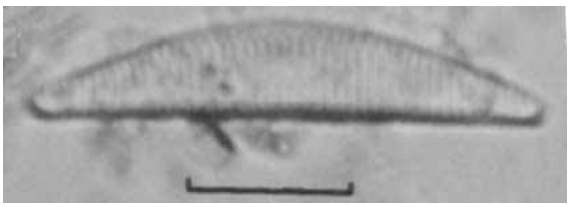
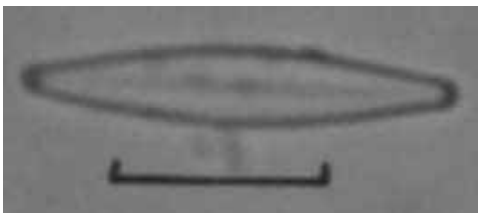
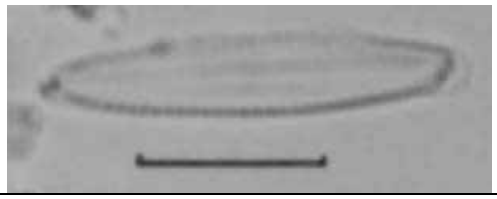
 *Nitzschia sigma*	 *Opephora martyi*
 *Plagiotropis* sp	 *Pleurosigma* sp
 *Rhopalodia* sp	 *Surirella fastuosa*
 *Surirella fastuosa* (close up)	 *Synedra laevigata* var *hyalina*
  *Tabularia fasciculata* (syn *Synedra tabulata*, *S.fasciculata*)	
	
	

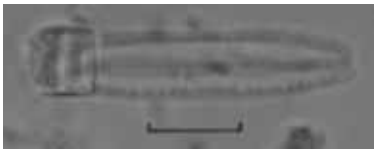
(Habitat 5 ≈ 120 g/L TDS, eutrophic – 0.27 mg/L TPO4, 4.63 mg/L TKN)

 *Amphora holsatica*	 *Cocconeis* 1
 *Cocconeis placentula*	 *Cocconeis scutellum*
 *Gomphonema* sp	 *Grammatophora oceanica*
 *Licmophora* sp	 *Mastogloia* sp
 *Navicula* 3	 *Nitzschia* 4
 *Opephora martyi*	 *Pinnularia* sp
 broken portion of *Synedra crystallina*	

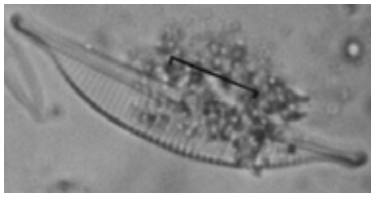
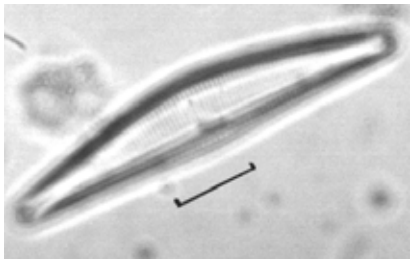
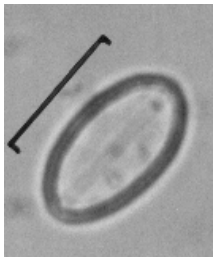
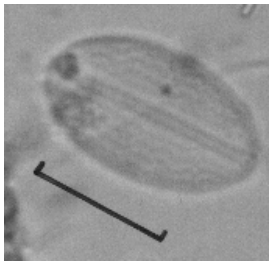
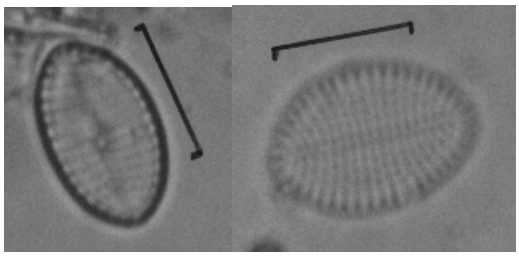
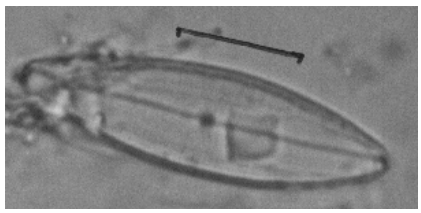
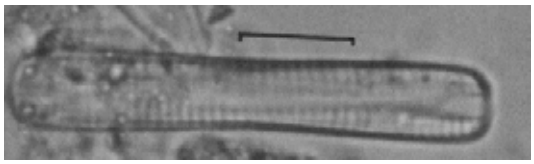
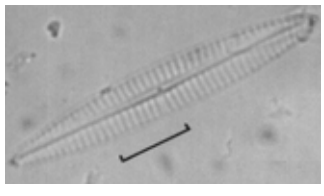
	Tabularia fasciculata (syn *Synedra tabulata*, *S.fasciculata*)
	

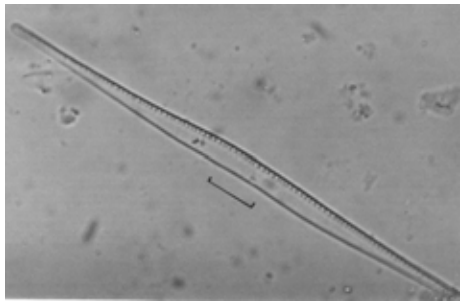
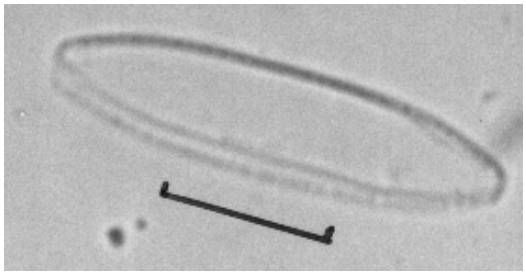
(Habitat 6 ≈105 g/L TDS, eutrophic – 0.02 mg/L TPO4, 2.06 mg/L TKN)

 *Amphora holsatica*	 *Amphora ventricosa*
 *Cocconeis* 1	 *Cocconeis placentula*
 *Cyclotella* 2	 *Entomoneis* sp
 *Eunotia* sp	 *Navicula* 1
	 *Tabularia fasciculata* (syn *Synedra tabulata*, *S.fasciculata*)

Navicula 3	
	

(Habitat 7 ≈150 g/L TDS, eutrophic – 0.05 mg/L TPO4, 3.96 mg/L TKN)

 *Amphora holsatica*	 *Amphora ventricosa*
 *Cocconeis* 1	 *Cocconeis placentula*
 *Cocconeis scutellum*	 *Mastogloia* sp
 *Navicula* girdle view	 *Navicula ramosissima*

 *Nitzschia hummii* (was N.3)	 *Nitzschia* 4