

# 1 Organisms

## DIATOMS



Figure 1: Cells from diatomite

- SYXX: *Synedra*(Fig. 2, 3)
- FRXX: *Fragilaria*(Fig. 2)
- FRCO: *Fragilaria (colony)*
- SFCU: *Synedra/fragilaria (cut)*
- NAXX: *Navicula*(Fig. 6)
- CYXX: *Cyclotella*
- CYHE: *Cyclotella (sphere)*
- CYDI: *Cyclotella (diameter)*
- CYCO: *Cyclotella (colony)*
- CYMB: *Cymbella*
- CYNA: *Cymbella/navicula (girdle)*
- ACMX: *Achnanthes minutissima*(Fig. 3)
- NIET: *Nitzschia*(Fig. 6)
- DIOT: *Other diatoms*

## CHLOROPHYTES

- OOXX: *Oocystis*
- OOMA: *Oocystis marsonii*
- CGXX: *Coccal greens*
- SCXX: *Scenedesmus (colony)*
- ELXX: *Elakatothrix*
- LAXX: *Lagerheimia*
- PAXX: *Pandorina (colony)*
- CAXX: *Carteria*
- EUXX: *Euglena*
- CHXX: *Chlamydomonas*

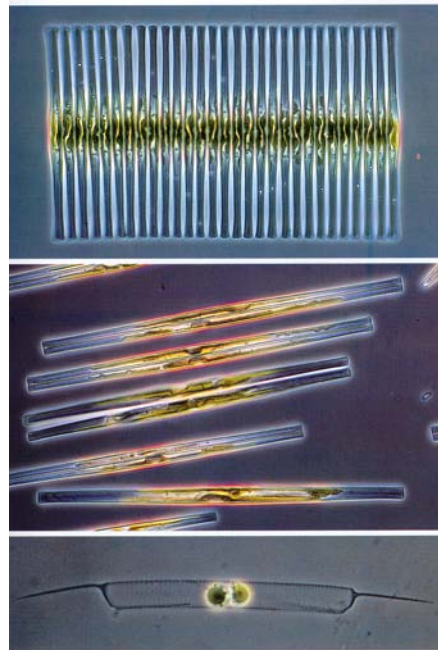


Figure 2: *Fragilaria*, *Synedra* and *Rhizosolenia*

- MIPU: *Micratinium pusillum*
- TRXX: *Trachelomonas*
- KICO: *Kirchneriella contorta*
- KIXX: *Kirchneriella spp.*
- CLSA: *Chlorococcus sp.*
- CLXX: *Chlorococcus spp.*
- PLGE: *Planktosphaeria gelatinosa*

## CHRYSOPHYTES

- DIXX: *Dinobryon*
- MAXX: *Mallomonas*
- KEXX: *Kerphyron*

## DINOPHYTES

- PEXX: *Peridinium*(Fig. 7)
- PEUM: *Peridinium umbonatum*
- GYXX: *Gymnodinium*(Fig. 7)

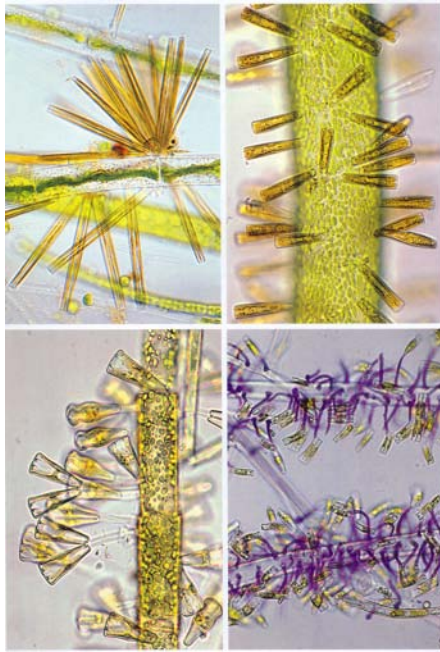


Figure 3: *Synedra* and *Gomphonema*

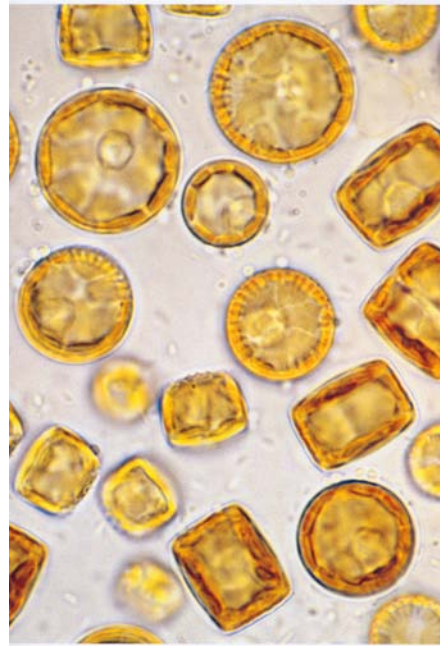


Figure 4: *Cyclotella*

GYLA: *Gymnodinium lacustris*  
CEXX: *Ceratium*

ANXX: *Anabaena*

### CRYPTOPHYTES

CRXX: *Cryptomonas erosa/ovata*(Fig. 8)  
CRXA: *Cryptomonas sp.1*  
CRXB: *Cryptomonas sp.2*  
RHXX: *Rhodomonas*  
CRER: *Cryptomonas erosa*  
CRDO: *Cryptomonas erosa (klein)*  
CRMA: *Cryptomonas marsonii*  
CHAC: *Chroomonas acutae*  
CHXY: *Chroomonas spp.*

### CYANOPHYTES

MEXX: *Merismopedia*  
CBXX: *Coccal blue-greens*  
OSCI: *Oscillatoria*

### CONJUGATOPHYTES

CPOT: *Other*

### OTHER

OAXX: *Other autotroph*  
OHXX: *Other heterotroph*  
OTXY: *Other*

### FLAGELLATES

FLYY: *Flagellates*  
HNFY: *Hnf*

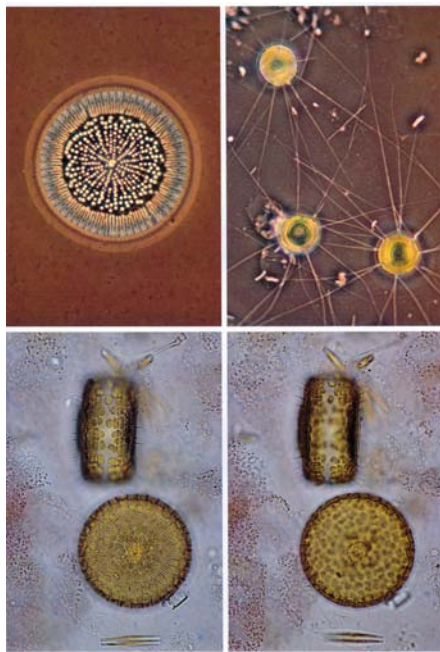


Figure 5: *Cyclotella* and *Stephanodiscus*

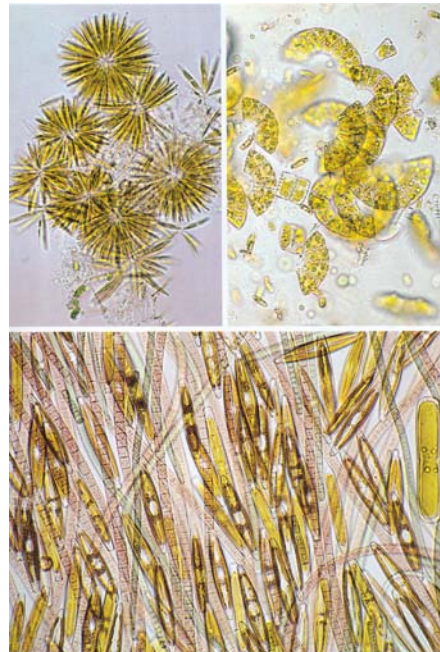


Figure 6: *Nitzschia*, *Meridion* and *Navicula*

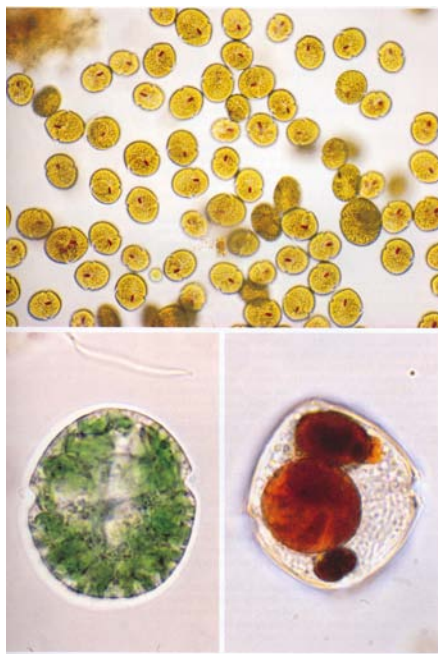


Figure 7: *Gymnodinium* and *Peridinium*

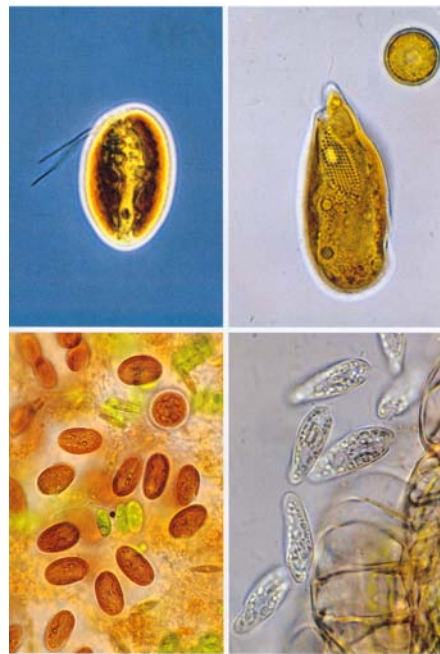


Figure 8: *Cryptomonas sp.1* and *Chilomonas*

## MICROZOOPLANKTON

HEYY: *Heliozoa*

CIYY: *Ciliata*

GLYY: *Glockentierchen*

ROYY: *Rotatoria*

TEYY: *Thekamoeba*

## PARASITES

PAYY: *Parasites*

## MISCELLANEOUS

HUKU: *Hüllenkugel*

ZIGA: *Zigarren*

AAAA: *Nothing*

## Garbage

ZZZZ: *Garbage*

ZZYY: *Garbage*

ZZXX: *Garbage*

DDDD: *Dummy*