

DE SEDIMENT STABILISERENDE WERKING  
VAN BENTHISCHE DIATOMEENEN IN HET  
INTERGETIJDE - GEBIED VAN DE  
OOSTERSCHELDE

Bijlage: I Afbeeldingen van de meest voorkomende  
diatomeeën soorten (Plaat I t/m IX)

Rijksuniversiteit Utrecht  
Instituut voor Aardwetenschappen

Rijkswaterstaat  
Deltadienst

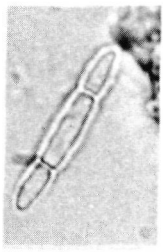
C 5242

Bijl. I.

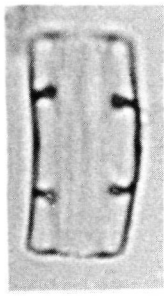
PLAAT I

- 1,2 : Eunothogramma dubium. Hustedt.  
 3,4 : Fragilaria virescens var. subsalina. Grunow / Opephora  
 schulzii (Brockmann) Simonsen.  
 5. : Fragilaria pinnata. Ehrenberg.  
 6,7 : Opephora parva. (Van Heurck) Krasske.  
 8,9,10,11 : Opephora spec. 1  
 12,13,14,15 : Opephora spec. 2  
 16 : Plagiogramma brockmanni. Hustedt  
 17 : Cymatosira belgica. Grunow.  
 18 : Dimmerogramma minor. (Gregory) Ralfs.  
 19 : Plagiogramma staurophorum (Gregory) Heiberg.  
 20,21 : Opephora pacifica (Grunow) Petit.  
 22 : Trachysphenia australis. Petit.  
 23 : Rhaphoneis minutissima. Hustedt.

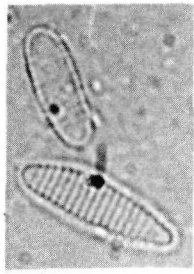
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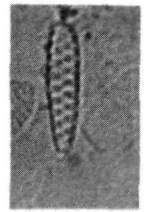
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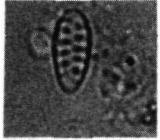
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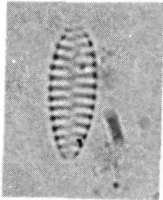
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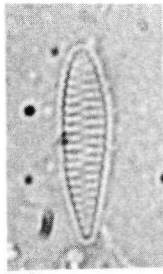
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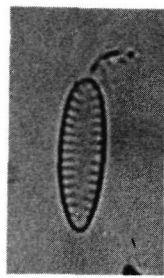
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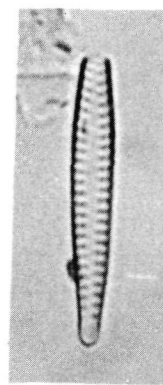
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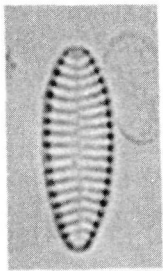
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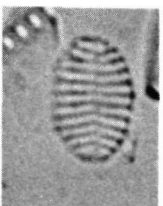
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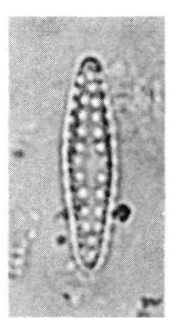
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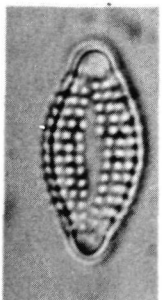
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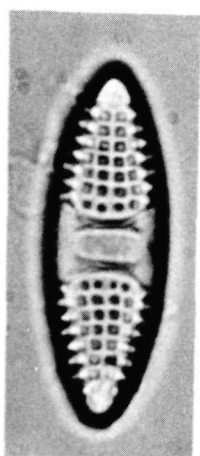
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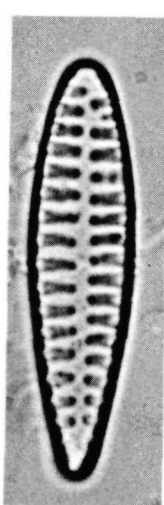
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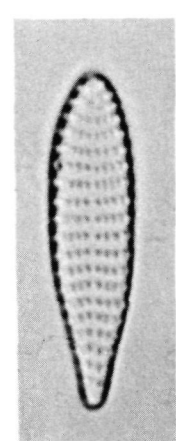
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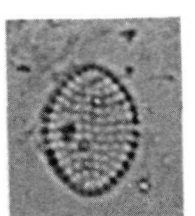
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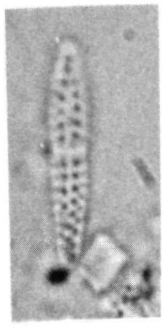
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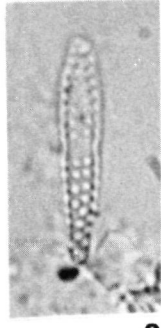
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PLAAT II

- 1,2 : Spec.  
3 : *Achnanthes lemmermanni* var. *obtusa*. Hustedt  
4,5,6 : *Achnanthes delicatula*. (Kütz) Grunow.  
7,8 : *Achnanthes* spec.  
9,10,11 : *Amphora* spec.  
12 : *Amphora* c.f. *exigua*. Gregory  
13,14,15 : *Cathenula adherens*. Mereschkowsky.  
16,17,18 : *Cocconeis* spec 1.  
19,20 : *Cocconeis* spec 2.  
21,22 : *Navicula cryptolyra*. Brockmann.  
23, 24 : *Navicula diserta*. Hustedt.  
25,26,27 : *Navicula biskanteri*. Hustedt.  
28 : *Navicula cryptocephala*. Kützing.  
29 : *Navicula* spec  
30 : *Navicula* spec  
31 : *Navicula* spec  
32, 33 : *Nitzschia frustulum* var. *perminuta*. Grunow.



1



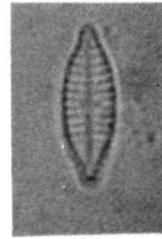
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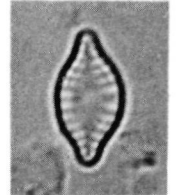
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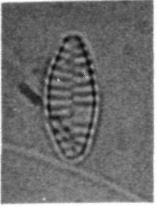
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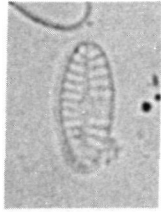
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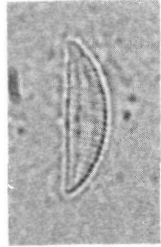
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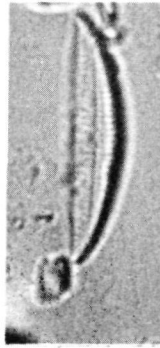
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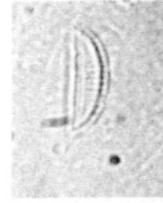
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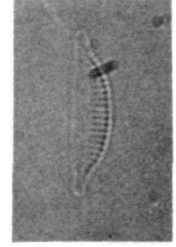
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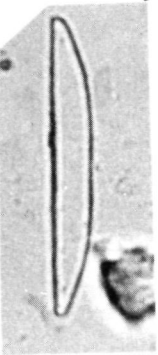
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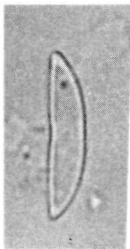
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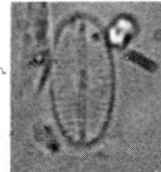


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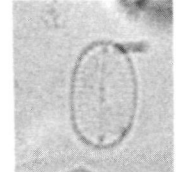
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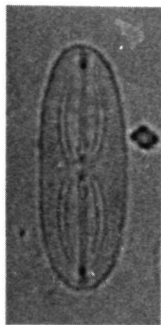
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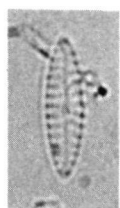
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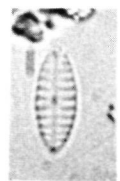
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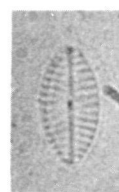
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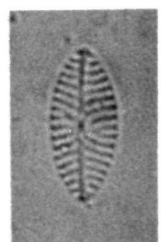
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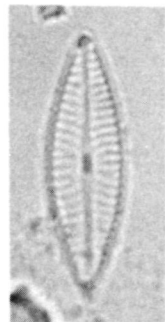
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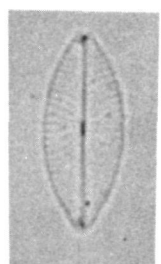
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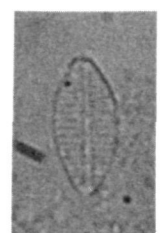
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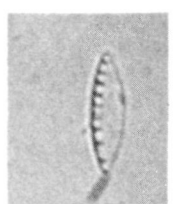
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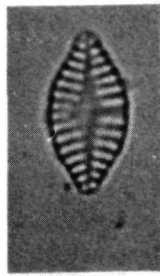
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PLAAT III

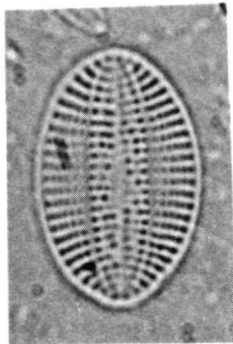
- 1,2 : *Achnanthes delicatula*. Grunow.  
3 : *Cocconeis peltoides*. Hustedt.  
4 : *Cocconeis tenuis*. Hustedt.  
5,6 : *Diploneis notabilis* (Grev.) Cleve.  
7,8,9 : *Navicula clamans*. Hustedt.  
10,11,12 : *Navicula cryptocephala*. Kützing.  
13,14 : *Navicula finnmarkia*. Cleve & Grunow.  
15 : *Navicula spec.*  
16,17,18 : *Navicula spec.*



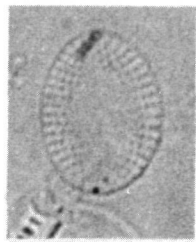
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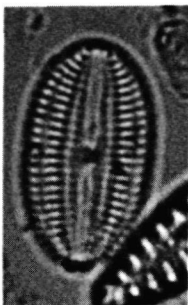
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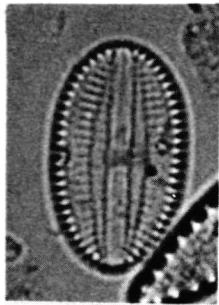
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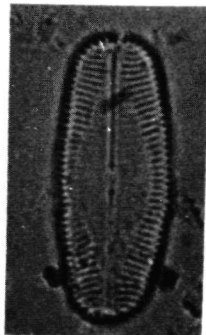
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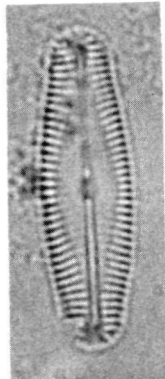
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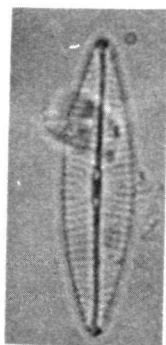
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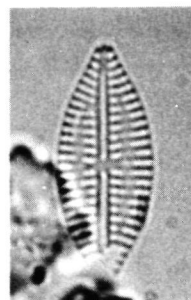
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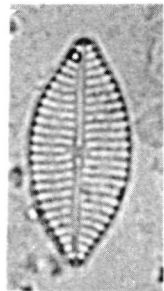
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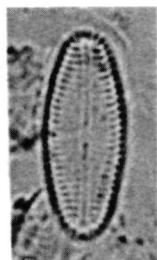
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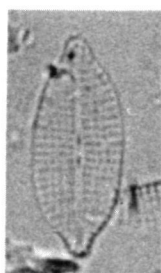
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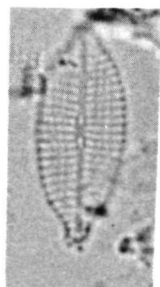
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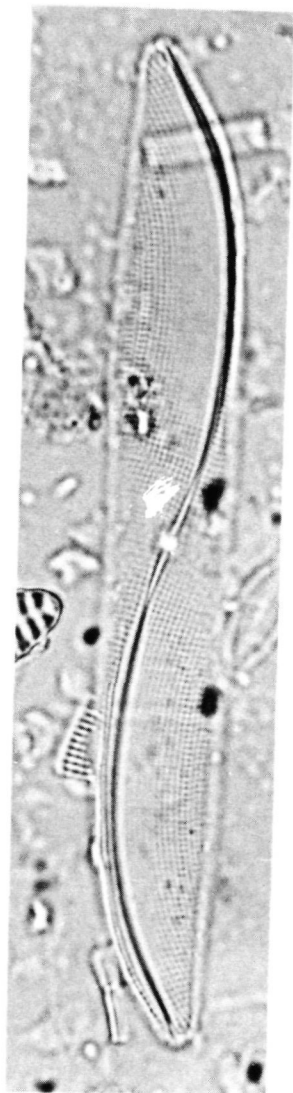


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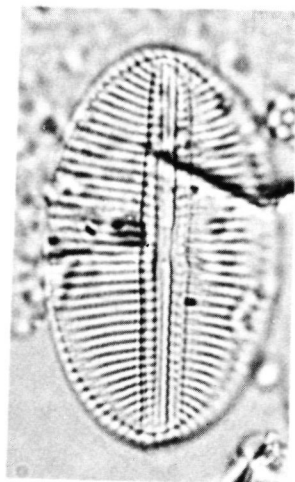
PLAAT IV

- 1 : *Gyrosigma rectum*. Donkin
- 2 : *Diploneis fusca*. (Gregory) Cleve.
- 3 : *Diploneis didyma*. Ehrenberg.
- 4 : *Caloneis brevis* (Gregory) Cleve.
- 5 : *Bacillaria paradoxa*. Gemlin.
- 6 : *Amphora eunotia*. Cleve.
- 7 : *Amphora spec.*
- 8 : *Amphora spec.*

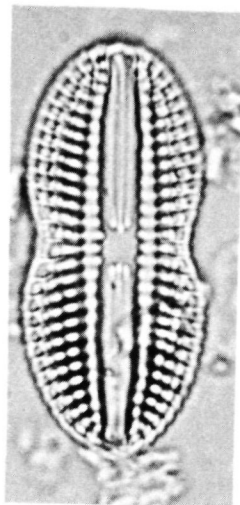




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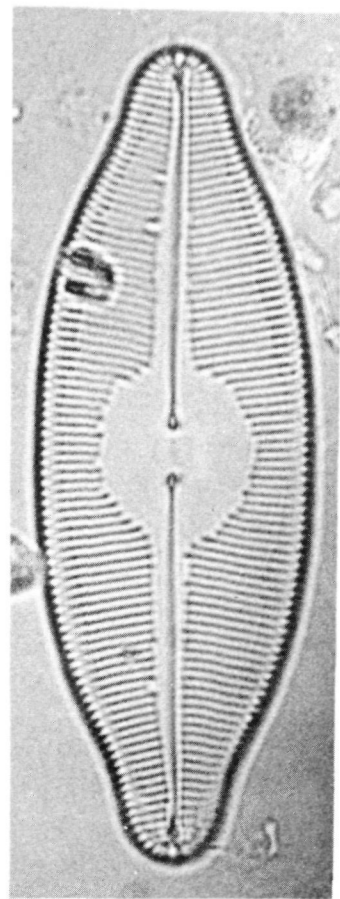


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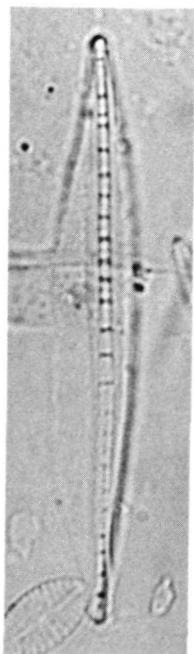


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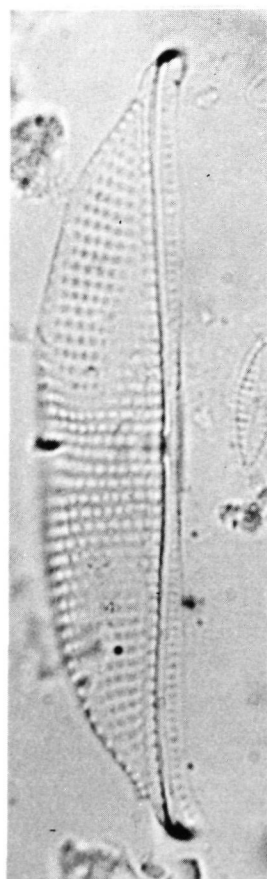
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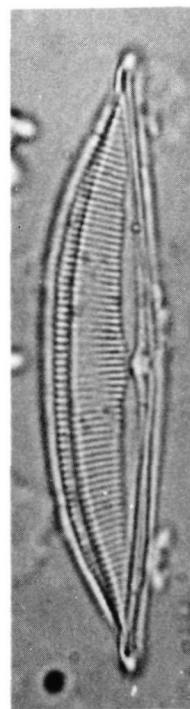
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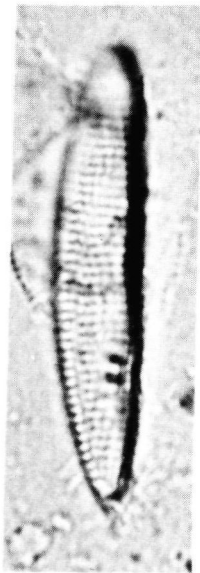
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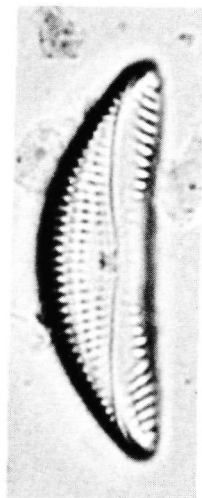
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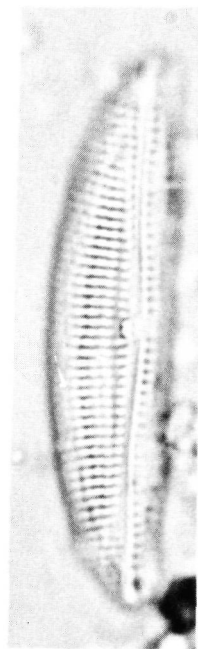
- 1,3 : *Amphora proteus*. Gregory.  
2 : *Amphora ovalis* v. *libyca*. (Ehrenberg) Cleve.  
4,5 : *Amphora ostrearia* var. *lineata*. Cleve.  
6 : *Amphora ostrearia* var. *vitrea*. Cleve.  
7 : *Amphora exigua*. Gregory.  
8 : *Amphora cingulata*. Cleve.



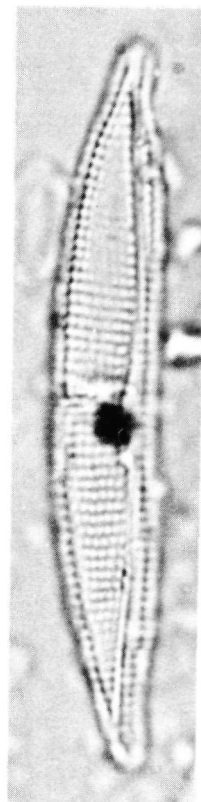
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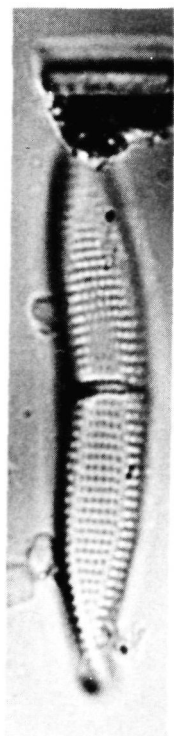


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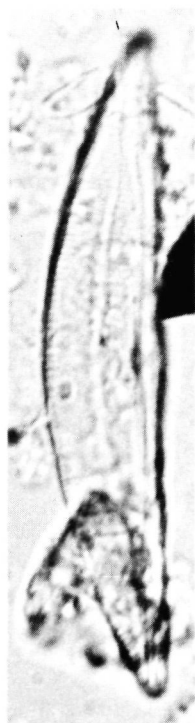


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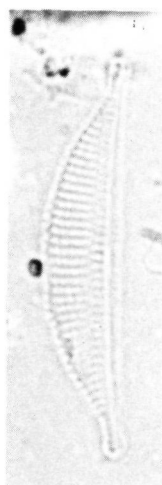
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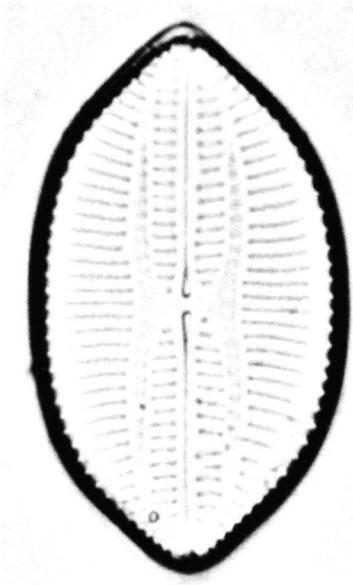
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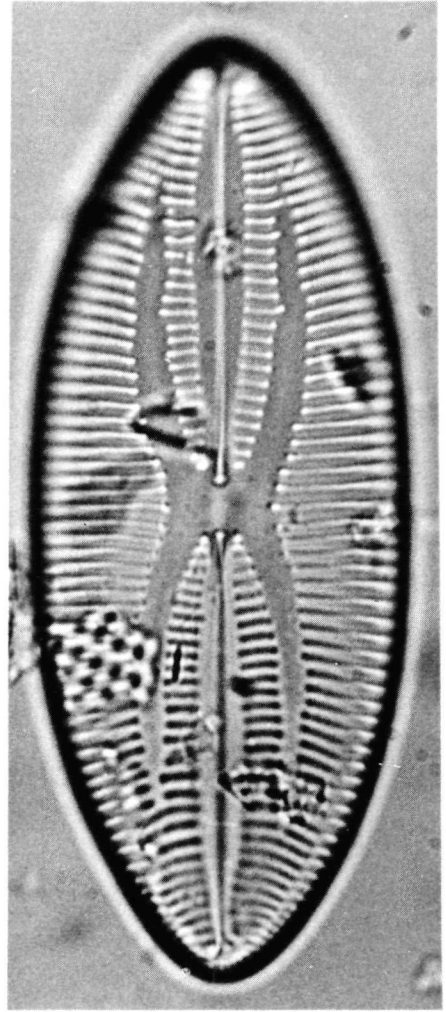
PLAAT VI

- 1 : *Navicula atlantica*. Schmidt.
- 2 : *Navicula abrupta*. Gregory.
- 3 : *Hantzschia virgata* var. *gracilis*. Hustedt.
- 4,5 : *Hantzschia virgata*. (Roper) Grunow.
- 6 : *Navicula peregrina* - gordel zijde - Ehrenberg.
- 7 : *Hantzschia marina*. (Donkin) Grunow.

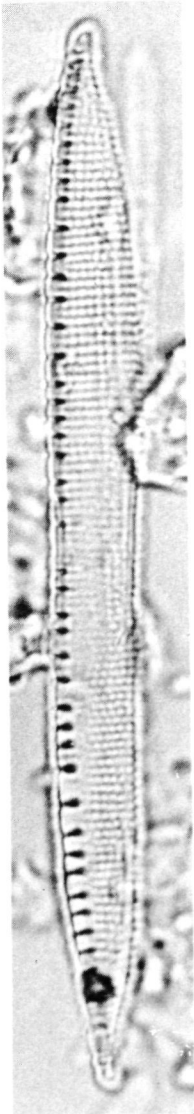


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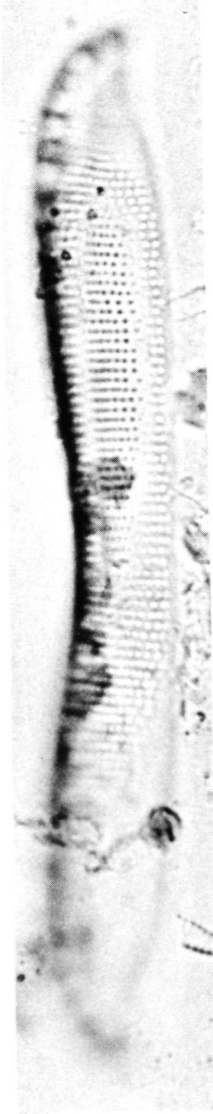
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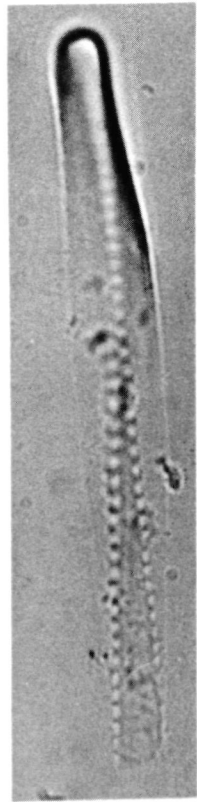
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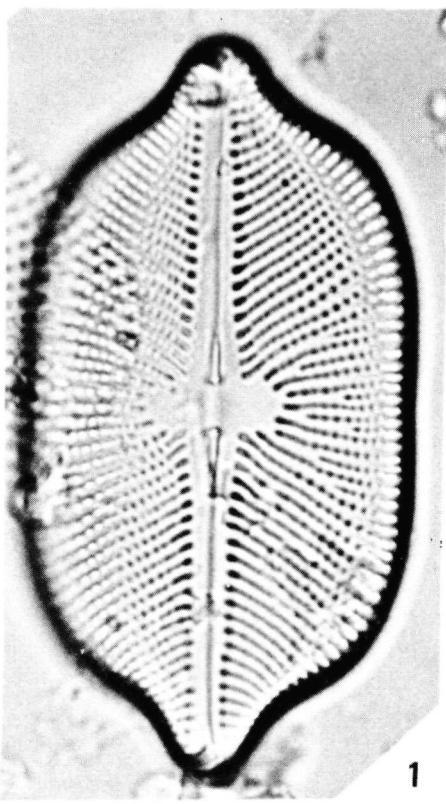
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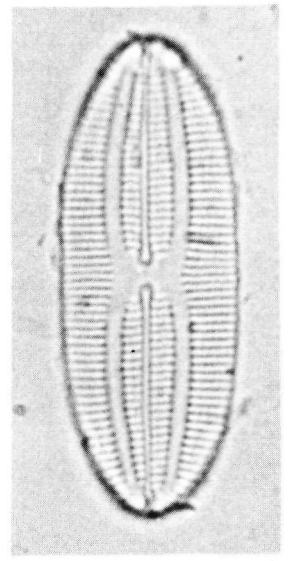
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PLAAT VII

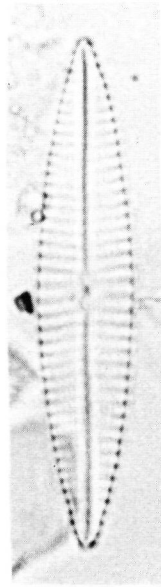
- 1 : *Navicula humerosa*. (De Brebisson) Schmidt.
- 2 : *Navicula forcipata*. Greville.
- 3,4,5 : *Navicula flantica*. Grunow.
- 6 : *Navicula digitoradiata*. (Gregory) Schmidt.
- 7,8 : *Navicula crucifera*. Grunow.
- 9,10 : *Navicula cancellata*. Donkin.



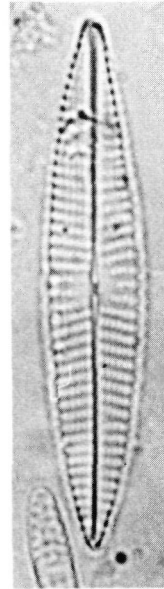
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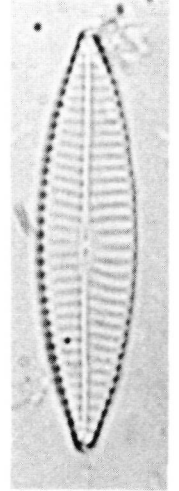
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3

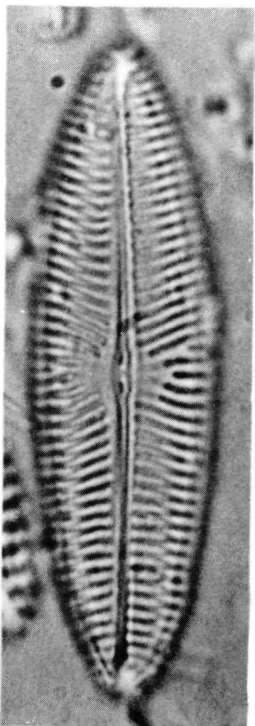


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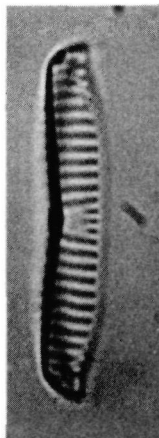


5

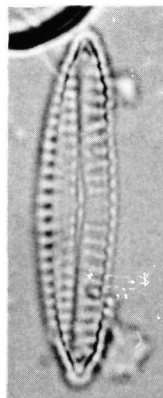
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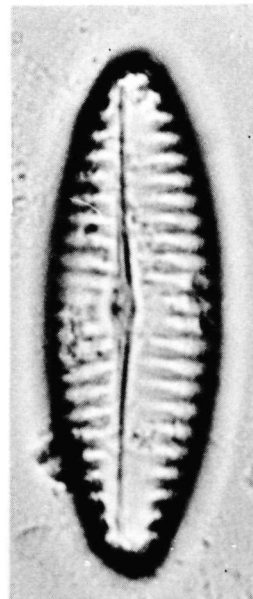
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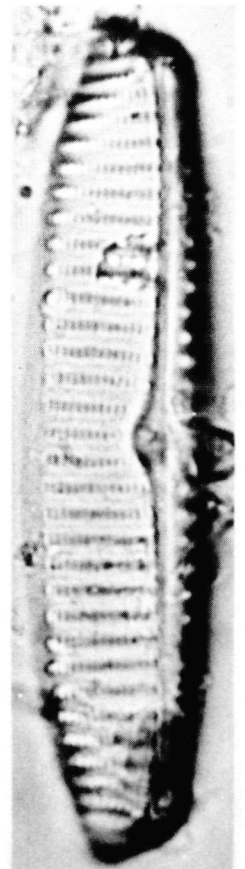
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8



9

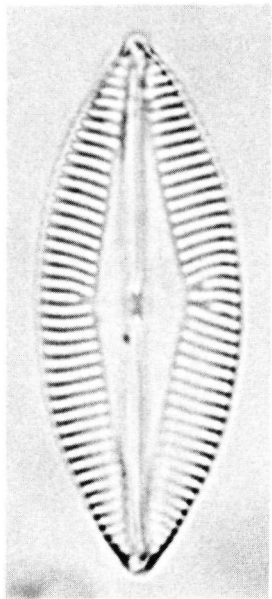


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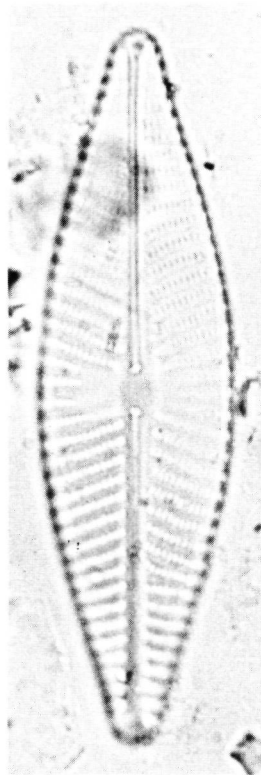
PLAAT VIII

- 1 : *Navicula palpebralis*. De Brebisson.
- 2 : *Navicula peregrina*. Ehrenberg.
3. : *Navicula rostellata*. Kützing.
- 4 : *Navicula spec.*
- 5 : *Navicula menaiana*. Hendey.
- 6 : *Navicula apiculata* (Gregory) Grunow.
- 7 : *Nitzschia levidensis*. (Schmidt) Van Heurck.
- 8 : *Nitzschia panduliformis*.
- 9 : *Nitzschia spathulata*. (De Brebisson) Van Heurck.

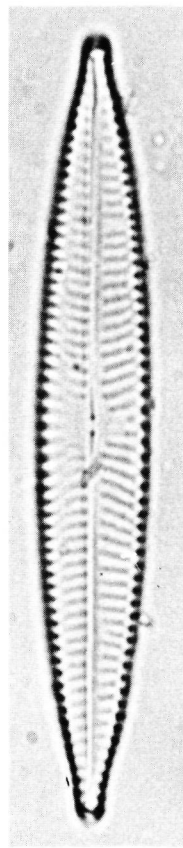




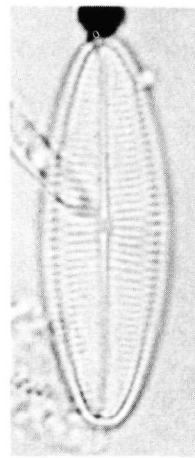
1



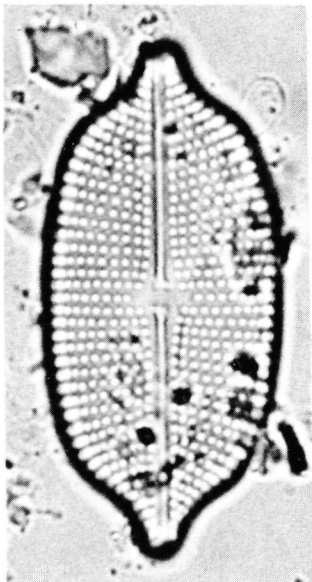
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3

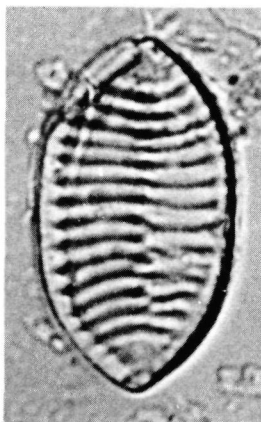


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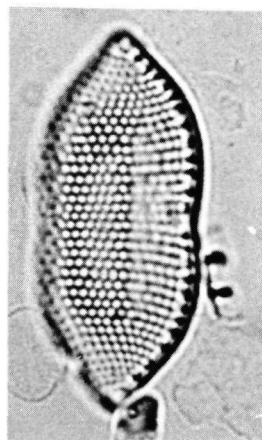


5

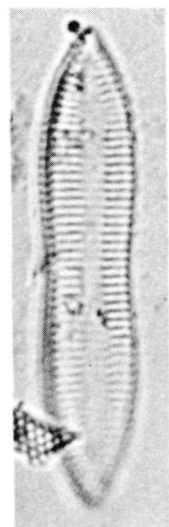
10  $\mu$



7



8



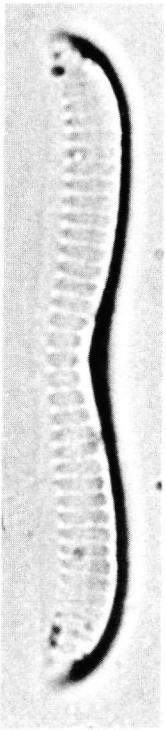
6



9

PLAAT IX

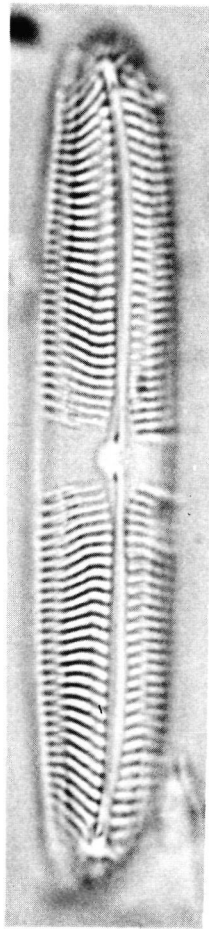
- 1,2 : *Pinnularia ambigua*. Cleve.
- 3 : *Pinnularia cruciformis* (Donkin) Cleve.
- 4 : *Stauroneis gregorii* var. *densestriata*. (Ralfs) Hustedt.
- 5 : *Trachyneis aspera*. (Ehrenberg) Cleve.
- 6 : *Tropidoneis pusilla*. (Gregory) Cleve.
- 7 : *Diploneis fusca*. (Gregory) Cleve.



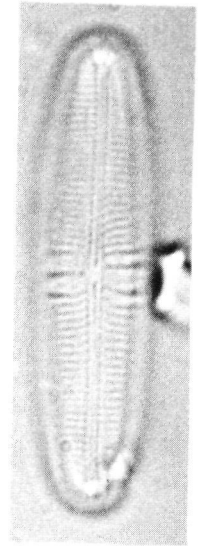
1



2

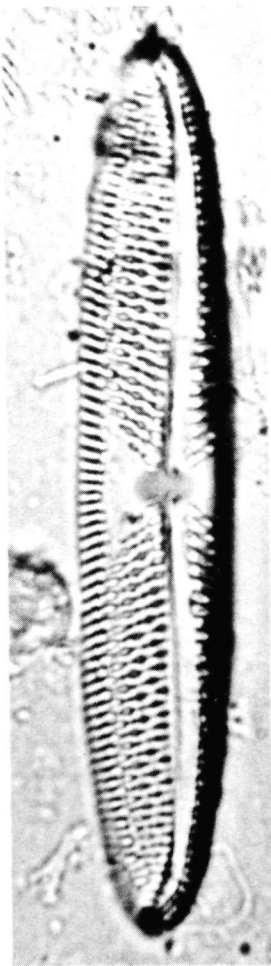


3

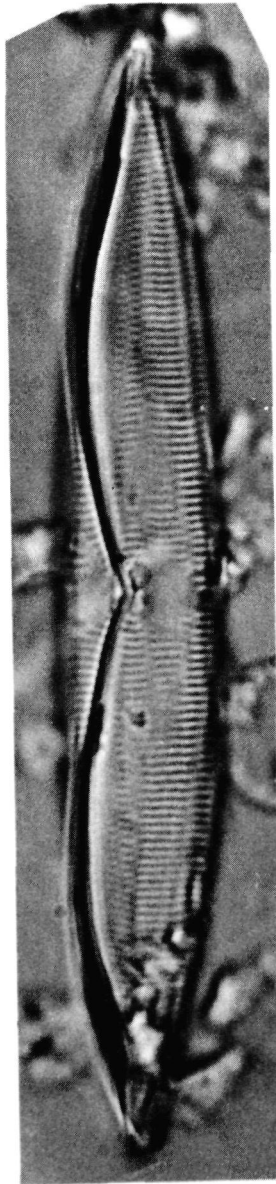


4

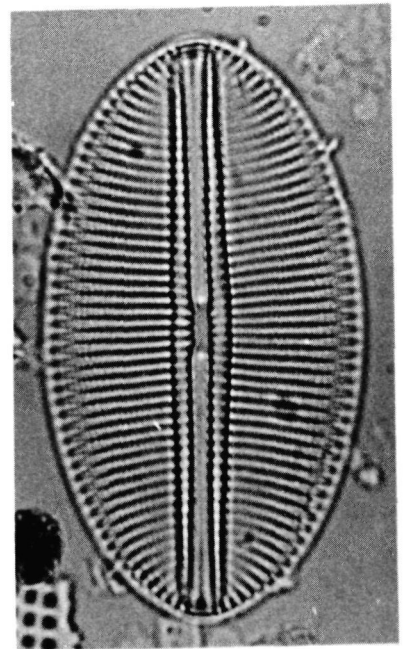
10μ



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6



7

INHOUD.

Plaat I: araphide epipsammische diatomeeën

Plaat II en III: mono/biraphide epipsammische diatomeeën

Plaat IV t/m IX: epipelische diatomeeën

In tekst, zie par. 3.2.3. (blz. 33) en par. 3.3.2. (tabel 28 en 29, blz. 68 t/m 71).