

352. Nitzschia seriata (sect. Pseudonitzschia) x 2,100  
 Valve, valve view; note asymmetry about apical plane.
353. Nitzschia seriata (sect. Pseudonitzschia) x 4,350  
 Valve pole, valve view; note helictoglossa.
354. Nitzschia seriata (sect. Pseudonitzschia) x 4,350  
 Valve, valve view - centre; note absence of a 'central nodule', relationship of fibulae to costae.
355. Nitzschia sp. (sect. Pseudonitzschia) x 2,100  
 Valve, valve view; note asymmetry about apical plane (view along plate).  
Detail: x 4,350  
 Note 'central nodule', relationship of fibulae to costae.
356. Nitzschia lineola (sect. Pseudonitzschia) x 4,350  
 Valve pole, valve view; note helictoglossa.
357. Nitzschia lineola (sect. Pseudonitzschia) x 2,100  
 Valve, valve view; note wide separation of median fibulae.
358. Nitzschia lineola (sect. Pseudonitzschia) x 4,350  
 Valve, valve view - centre; note 'central nodule', relationship of fibulae to costae.
359. Nitzschia pseudodelicatissima (sect. Pseudonitzschia) x 2,100  
 Valve, valve view; note small size.  
Detail: x 4,350
360. Nitzschia curta (sect. Fragilariopsis) x 3,400  
 Valve, valve view; note heteropolarity, relationship of fibulae to costae.
361. Idem. x 3,400

362. Nitzschia obliquecostata (sect. Fragilariopsis)  
x 3,400

Valve, valve view; note structure of intercostal 'membrane', ≠ exact relationship between fibulae and costae.

Detail x 4,350

363. Nitzschia cylindrus (sect. Fragilariopsis)  
x 3,400

Valve, valve view.

364. Idem. x 3,400

365. Nitzschia cylindrus (sect. Fragilariopsis)  
x 3,400

Valve, valve view; note heteropolarity - contrast with F.363-4.

366. Nitzschia castracanei (sect. Fragilariopsis)  
x 3,400

Valve, valve view; note isopolarity of valve, structure of the intercostal 'membrane', relationship between fibulae and costae.

Detail: x 4,350

In all the above, note the bluntly rounded valve apices, the width of the valve relative to its length, the wide spacing of the costae, the absence of 'central nodules', and the orientation and spacing of the costae near the poles.

974. Nitzschia seriata (sect. Pseudonitzschia) x 14,000  
Valve, inside - part; note relationship between  
fibulae and costae.
975. Nitzschia sp. (sect. Pseudonitzschia) x 15,000  
Valve, outside - part.
976. Nitzschia sp. (sect. Pseudonitzschia) x 29,500  
Valve, inside - part.
977. Nitzschia cylindrus (sect. Fragilariopsis)  
x 2,970  
Slightly heteropolar form: valve - inside.
978. Nitzschia cylindrus (sect. Fragilariopsis)  
x 15,400  
Valve pole - inside; note the small helictoglossa.
979. Nitzschia cylindrus (sect. Fragilariopsis)  
x 15,400  
Valve, inside - part.

980. Nitzschia ?cylindrus (sect. Fragilariopsis) x 7,800  
Valve - inside.
981. Nitzschia sp. (sect. Fragilariopsis) x 13,900  
Valve pole - inside; note exact relationship  
between fibulae and costae.
982. Nitzschia cylindrus (sect. Fragilariopsis) x 15,400  
Valve, inside - part; contrast subraphe structure  
with that shown in F.981.
983. Nitzschia cylindrus (sect. Fragilariopsis) x 14,200  
Valve, outside - distal side; note planar nature  
of valve face, poroids in distal mantle (arrow).
984. Nitzschia sp. (sect. Fragilariopsis) x 12,600  
Incompletely silicified valve - part, inside.
985. Nitzschia sp. (sect. ?) x 13,300  
(see Comphonitzschia - section 4.7.7)  
Valve, inside - part; note fibula morphology.