

247. Nitzschia spathulata (sect. Spathulatae) x 3,000
 Frustule, girdle view; note the 'spathulate'
 poles.
248. Nitzschia spathulata (sect. Spathulatae) x 3,000
 Valve, valve view; note longitudinal lines par-
 allel to the raphe system (compare F.242).
249. Nitzschia spathulata (sect. Spathulatae) x 4,350
 Form with ± central raphe: part of valve, valve
 view; note longitudinal lines, fibula morphology.
250. Nitzschia spathulata (sect. Spathulatae) (no scale)
 Cell, girdle view; note shape of chromatophores.
251. Idem. (no scale)
252. Idem. (no scale)
253. Nitzschia dissipata (sect. Dissipatae) x 3,400
 Valve, valve view; note longitudinal line (sensu
 F.242).
Detail: x 4,350
 Note longitudinal line (arrow), striae.
254. Nitzschia dissipata (sect. Dissipatae) x 3,400
 Valve, valve view.
Detail: x 4,350
255. Nitzschia dissipata (sect. Dissipatae) x 3,000
 Cell, valve view.

806. Nitzschia epithemioides (sect. Epithemioidae)
x 13,300
Valve inside - part; note rib-like extensions of
the fibulae, narrow marginal strip.
807. Nitzschia epithemioides (sect. Epithemioidae)
x 13,300
Valve, inside - centre; note central raphe endings,
central expansion of raphe-sternum, fibula morph-
ology - especially the blocked 'interspaces'
(arrow).
808. Nitzschia dissipata (sect. Dissipatae) x 12,300
Valve pole - inside; note narrowing of slit into
subraphe canal near pole.
809. Nitzschia dissipata (sect. Dissipatae) x 12,300
Valve, outside - part; note the external flaps
(arrows).
810. Nitzschia dissipata (sect. Dissipatae) x 24,300
Valve, inside - part.
811. Nitzschia dissipata (sect. Dissipatae) x 12,400
Valve pole - outside, distal aspect; note external
flap, polar raphe ending.

812. Nitzschia sp.A (Eilat) (sect. Spathulatae)
(TEM) x 3,750
Valve.
813. Nitzschia sp.A (Eilat) (sect. Spathulatae)
(TEM) x 15,000
Valve pole; note terminal fissure, and the two
arrangements of costae and frets.
814. Nitzschia dissipata (sect. Dissipatae) x 15,000
(TEM)
Broken valve - part; note external flap (margin
indicated by arrow).
815. Nitzschia spathulata (sect. Spathulatae)
x 13,000
Valve pole - outside; note line of small pores
near the raphe (bottom).
816. Nitzschia spathulata (sect. Spathulatae)
x 14,500
Frustule - pole; note external flaps. Also, note
that the raphe opens onto the top of the spath-
ulate expansion of the valve.
817. Nitzschia sp. (sect. Spathulatae) x 14,700
Broken valve - part; note external flap (arrow).