

905. Nitzschia amphibia (sect. Lanceolatae) x 7,800
Frustule - valve view.
906. Nitzschia amphibia (sect. Lanceolatae) x 7,900
Valve - inside; note fibula morphology.
907. Nitzschia amphibia (sect. Lanceolatae) x 6,700
Frustule.
908. Nitzschia amphibia (sect. Lanceolatae) x 27,000
Proximal mantle; note that the cribra are just visible (arrows).
909. Nitzschia amphibia (sect. Lanceolatae) x 12,800
Frustule - part; note central raphe endings, doubling of striae within subraphe canal, 1st band with a single transverse row of poroids.
910. Nitzschia amphibia (sect. Lanceolatae) x 15,300
Broken valve - part; note subraphe structure.

911. Nitzschia amphibia (sect. Lanceolatae) x 24,000
(TMM)
Poroids with cribra; note the more prominent
transapical bar of each cribrum (transapical axis
indicated by arrows).
912. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 14,000
Frustule - pole.
913. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 14,000
Valves: pole - inside and outside; note proximally
directed curvature of terminal fissure.
914. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 23,000
Valve, inside - part; note relationship of fibulae
to costae.
915. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 25,500
Valve, outside - centre; note doubling of striae
within subraphe canal.
916. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 10,500
Valve - inside.
917. Nitzschia hantzschiana (sect. Lanceolatae)
(Carreg Cennen material) x 25,500
Valve pole - outside; note distally directed
curvature of terminal fissure.

918. Nitzschia hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 6,200
Valve, outside - part; note absence of marginal
ridge.
919. Nitzschia hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 12,500
Valve, outside - centre.
920. Nitzschia hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 6,550
Valve pole - outside.
921. Nitzschia hantzschiana (sect. Lanceolatae)
(Afon Bran bridge material) x 5,800
Valve - inside; note larger central interspace.
922. Nitzschia bicapitata (sect. Lanceolatae)
x 7,400
Valve - outside; note small marginal ridge.
923. Nitzschia frustulum (sect. Lanceolatae) x 13,400
Valve pole - outside; note that each valve stria
is represented within the subaphe canal by
only one poroid (arrows).

924. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 6,250
Frustule; note marginal ridge (arrow).
925. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 6,050
Valve - outside.
926. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 6,000
Valve - inside.
927. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 12,500
Detail of frustule illustrated in F.924.
Note distally directed curvature of terminal
fissure.
928. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 12,400
Valve pole - outside; note proximally directed
curvature of terminal fissure.
929. Nitzschia cf. hantzschiana (sect. Lanceolatae)
x 12,400
Valve, outside - centre; note lack of central
raphe endings, ridge-bordered raphe fissure,
doubling of striae within subraphe canal.

930. Nitzschia sp. (sect. Lanceolatae) x 6,500
(see F.411-4)
Valve - inside.
931. Nitzschia sp. (sect. Lanceolatae) x 6,500
(see F.411-4)
Valve - outside.
932. Nitzschia sp. (sect. Lanceolatae) x 26,000
(see F.411-4)
Valve pole - outside.
933. Nitzschia sp. (sect. Lanceolatae) x 12,000
(see F.415-7)
Valve - inside.
934. Nitzschia sp. (sect. Lanceolatae) x 23,000
(see F.415-7)
Valve, inside - part; note fibula morphology.
935. Nitzschia sp. (sect. Lanceolatae) x 5,600
(see F.418-20)
Valve - inside.
936. Nitzschia sp. (sect. Lanceolatae) x 26,000
(see F.418-20)
Valve pole - outside; note poroids in wall of
subraphe canal (e.g. at arrow).

937. Nitzschia communis (sect. Lanceolatae) x 6,400
Valve - inside; note fibula morphology. The
helictoglossa is visible (top left).
938. Nitzschia communis (sect. Lanceolatae) x 13,800
Valve pole - outside; note marginal ridge (arrow),
distally directed curvature of terminal fissure.
939. Nitzschia communis (sect. Lanceolatae) x 14,300
Valve pole - outside; note proximally
directed curvature of terminal fissure.
940. Nitzschia communis (sect. Lanceolatae) x 6,200
Valve - outside.
941. Nitzschia communis (sect. Lanceolatae) x 25,500
Valve, inside - part; note fibula morphology.

942. Nitzschia sp. (sect. Lanceolatae) x 2,600
(see F.428-30)
Valve - outside.
943. Nitzschia sp. (sect. Lanceolatae) x 2,820
(see F.428-30)
Valve - inside.
944. Nitzschia sp. (sect. Lanceolatae) x 14,100
(see F.428-30)
Valve pole - inside; note helictoglossa.
945. Nitzschia sp. (sect. Lanceolatae) x 14,100
(see F. 428-30)
Valve, inside - part; note fibula morphology,
absence of an exact relationship between fibulae
and costae.
946. Nitzschia sp. (sect. Lanceolatae) x 13,200
(see F.428-30)
Valve pole - outside.
947. Nitzschia sp. (sect. Lanceolatae) x 6,300
(see F.428-30)
Valve, outside - part; note lack of a marginal
ridge.
948. Nitzschia ?inconspicua (sect. Lanceolatae)
(see F.405-7) x 12,300
Valve, inside - part; note fibula morphology,
presence of poroids within subraphe canal.

949. Nitzschia palea (sect. Lanceolatae) x 2,900
(R. Wye: Brockweir - culture)
Valve - inside.
950. Nitzschia palea (sect. Lanceolatae) x 29,000
(R. Wye: Brockweir - culture)
Valve, inside - part; note fibula morphology,
longitudinal ridge (arrow) joining the distal
fibula bases.
951. Nitzschia palea (sect. Lanceolatae) x 26,000
(R. Wye: Brockweir - culture)
Valve pole - inside; note helictoglossa, presence
of poroids between this and the valve margin
(see arrows).
952. Nitzschia palea (sect. Lanceolatae) x 14,500
(R. Wye: Brockweir - culture)
Valve, outside - central part; note that the raphe
is uninterrupted centrally.
953. Nitzschia sp. (sect. Lanceolatae) x 2,900
(see F.466-7)
Valve - inside.
954. Nitzschia sp. (sect. Lanceolatae) x 14,400
(see F.466-7)
Valve, inside - centre; note raphe endings.