

Latest Quaternary palaeoceanographic change in the eastern North Atlantic based upon a dinoflagellate cyst event ecostratigraphy

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Appendix

The recovered dinoflagellate cysts from DSDP Hole 610A are listed below. A photomicrograph of some of the species is provided. All the illustrated specimens are allocated MPK numbers and are housed in the Palynology Collections of the British Geological Survey, Keyworth, Nottingham NG12 5GG, UK. The dinoflagellate cysts recovered from the Porcupine Seabight core are not listed herein but are discussed in Morris (2011). To avoid undue controversy both the dinoflagellate cyst name and that of the accepted thecate dinoflagellate name are offered below.

Cyst of *Protoceratium reticulatum* Bergh 1881 Figure 00, figure panels 2-3. /*Operculodinium centrocarpum* (Deflandre and Cookson 1955) Wall 1967

Bitectatodinium tepikiense Wilson 1973 Figure 00, figure panel 1.

Impagidinium aculeatum (Wall 1967) Lentin and Williams 1981 Figure 00, figure panels 8-9.

Impagidinium pallidum Bujak 1984

Impagidinium paradoxum (Wall 1967) Stover and Evitt 1978

Impagidinium patulum (Wall 1967) Stover and Evitt 1978

Impagidinium sphaericum (Wall 1967) Lentin and Williams 1981 Figure 00, figure panel 6.

Impagidinium striolatum (Wall 1967) Stover and Evitt 1978

Nematosphaeropsis labyrinthus (Ostenfeld 1903) Reid 1974 Figure 00, figure panels 7, 10.

Spiniferites elongatus Reid 1974/ *Spiniferites* cf. *S. elongatus* Harland and Sharp (1986)

Figure 00, figure panels 11-12.

Spiniferites lazus Reid 1974

Spiniferites membranaceus (Rossignol 1964) Sarjeant 1970

Spiniferites mirabilis (Rossignol 1964) Sarjeant 1970 Figure 00, figure panels 4-5.

Spiniferites ramosus (Ehrenberg 1838) Mantell 1854

Spiniferites spp. indet.

Cyst of *Protoperidinium pentagonum* (Gran 1902) Balech 1974 /*Trinovantedinium*

applanatum (Bradford 1977) Bujak and Davies 1983

Cysts of *Protoperidinium* spp. indet. [round, brown]

