

Core no. V 22-174 S 10° 04.2' W 12° 49.2': 2630 m b.s.l.

Age control:

Date: 11/2000

- *G. ruber* and *G. sacculifer* ¹⁸O records (Shackleton, 1977; CLIMAP, 1984; Sarnthein, this paper).
- Conventional ¹⁴C ages (Shackleton, 1977)
- AMS ¹⁴C analogue stratigraphy.

Age/depth correlation :

Orig. depth	¹⁴ C age	Error ±	Calendar years	Sed.rate	Original interval/ material/ δ ¹⁸ O stratigraphy	Remarks
[cm]	[ky BP]		[ka]	[cm/ky]		
17	7.365	300	8.18		15-19 cm, total material	
25	9.23	170	10.4		20-30 cm, coarse fraction	
25	10.14	170	11.87		20-30 cm, fine fraction	
42	12.1	400	14.1		41-44 cm, total material	
53.5	14.8		18.3		AMS ¹⁴ C analogue	
66	21.82	940	25.79	1.7	56-68 cm, total material	
75	26.0		29.5	2.4	AMS ¹⁴ C analogue	extrapolated rate

Remarks:

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Original references:

- CLIMAP Project Members (1984): The last interglacial ocean. - Quat. Res., 21, 123-224.B, 280, 169-182.
- Shackleton, N.J. (1977): The oxygen isotope stratigraphic record of the late Pleistocene. - Phil. Trans. R. Soc. London, ser. B, 280, 169-182.

LGM time slice:

- GLAMAP: 53.5-59 cm orig. depth
- EPILOG: 54.5-61.5 cm orig. depth

LGM foraminifera counts: SPECMAP; Pflaumann (UP)

- GLAMAP: 53 cm orig. depth (UP), 55, 57 cm orig. depth (SPECMAP)
- EPILOG: 60 cm orig. depth (UP), 55, 57, 60 cm orig. depth (SPECMAP)

References for faunal analysis:

- Imbrie, J., McIntyre, A. & Mix, A.C. (1989): Oceanic response to orbital forcing in the Late Quaternary: Observational and experimental strategies. In: A.Berger, S.H.Schneider & J.-C. Duplessy (eds.) Climate and geosciences, a challenge for science and society in the 21st century, D. Reidel Publ. Co.
- McIntyre et al. (1989) Surface water response of the equatorial Atlantic Ocean to orbital forcing. Paleoclimatology, 4, p. 19-55.
- World Data Center for Marine Geology & Geophysics, SPECMAP Archive # 1
- Pflaumann et al., Paleoclimatology, in prep.

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