

Core no. NA 87-22 N 55° 30' W 14° 42' 2161 m b.s.l.

Age control:

Date: 20/11/2000

- *N. pachyderma* sin., *G. bulloides* and *C. wuellerstorfi* ¹⁸O and ¹³C records [L. Labeyrie/J.-C. Duplessy (pers. communication, 26.11.1991)]. Core material from NIOC, Texel.
- AMS ¹⁴C dating (Duplessy et al., 1992).

Core fit :

- None

Surface sediment age :

- Zero, assumed.

Age/depth correlation :

Orig. depth	¹⁴ C age (lab. no.)	Error ±	Calendar years		Sed.rate	Original interval/ material/	Remarks
[cm]	[ky BP]		[ka]		[cm/ky]	δ ¹⁸ O stratigraphy	
0.0	-.-		0.0		-.-		
95	3.12	90	3.33		28.5	<i>N. pachyderma</i> dex.	
200	7.88	110	8.63		19.8	<i>G. bulloides</i>	
250	9.61	90	10.82		22.8	<i>G. bulloides</i>	
270	10.47	140	12.47		12.1	<i>G. bulloides</i>	
285	10.92	90	12.92		33.3	<i>N. pachyderma</i> sin.	
305	11.29	120	13.29		54.1	<i>G. bulloides</i>	
325	11.98	120	13.98		29.0	<i>G. bulloides</i>	
355	15.26	120	18.76		-.-	<i>N. pachyderma</i> sin.	ignored
370	14.8		18.3	a)	10.4	AMS ¹⁴ C analogue	
380	16.30	140	19.8		6.7	<i>N. pachyderma</i> sin.	
400	17.19	140	20.69		22.5	<i>N. pachyderma</i> sin.	
440	18.91	270	22.41		23.3	<i>N. pachyderma</i> sin.	
510	26		29.5	a)	9.9	AMS ¹⁴ C analogue	

a) corrected after Bard et al. (1990). For turning points of the ¹⁴C age/calendar years correction see Winn et al. (1991).

Remarks:

-

Original references:

- Sarnthein, M., Winn, K., Jung, S.J.A., Duplessy, J.-C., Labeyrie, L., Erlenkeuser, H. & Ganssen, G. (1994): Changes in east Atlantic deepwater circulation over the last 30,000 years: Eight time slice reconstructions.- *Paleoceanography*, 9, 209-267.
- Duplessy, J.-C., Labeyrie, L., Arnold, M., Paterne, M., Duprat, J., van Weering, T.C.E. (1992): Changes of surface salinity of the North Atlantic ocean during the last deglaciation.- *Nature*, 358, 485-488.

LGM time slice:

- GLAMAP: 370-419 cm orig. depth
- EPILOG: 375-441 cm orig. depth

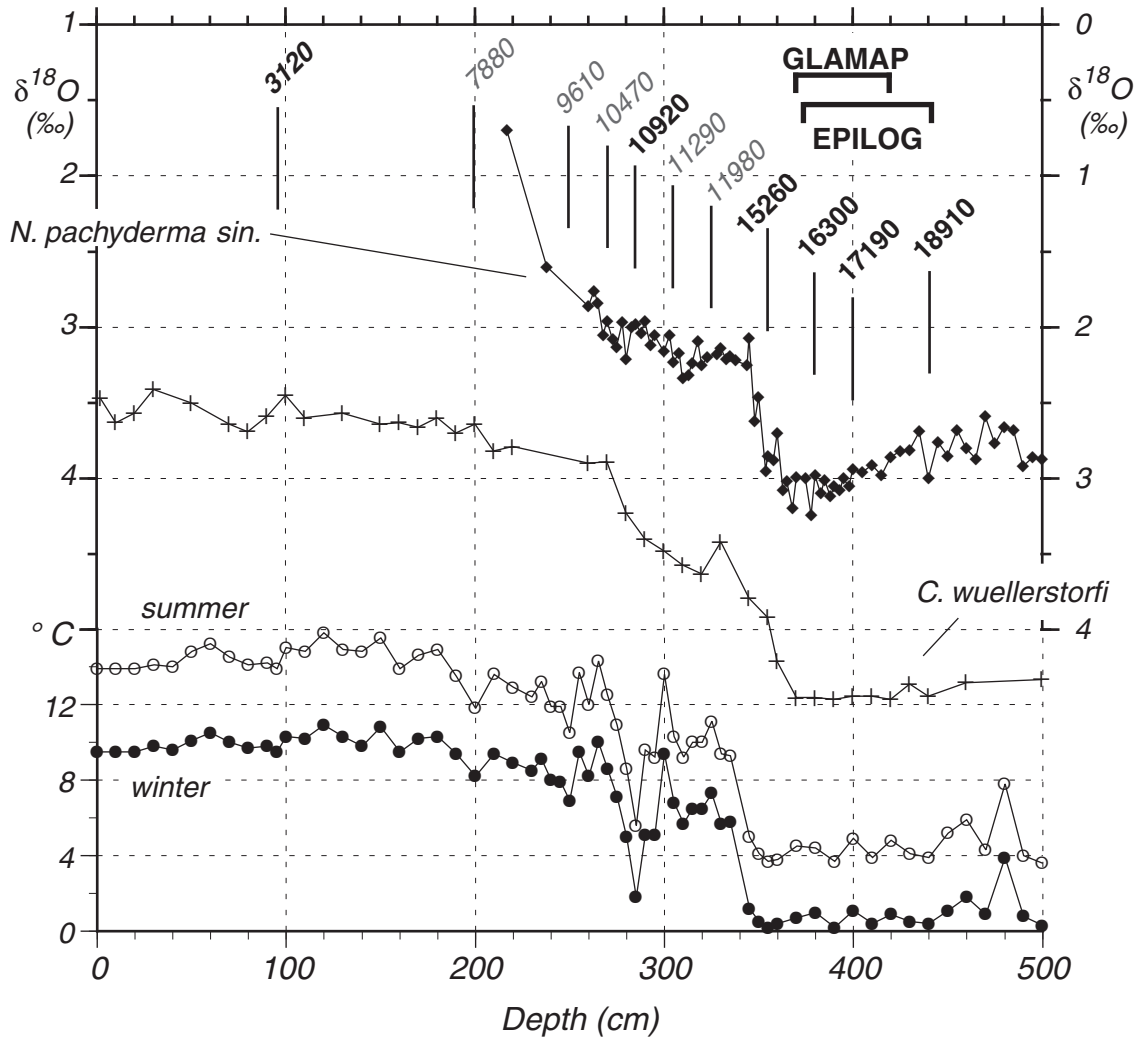
LGM foraminifera counts: Duprat (JD)

- GLAMAP: 370, 380, 390, 400, 410 cm orig. depth
- EPILOG: 380, 390, 400, 410, 420, 430, 440 cm orig. depth

References for faunal analysis:

- J. Duprat, unpublished data.

NA 87-22



3120: *N. pachydermadex.*

7880: *G. bulloides*

10920: *N. pachyderma sin.*