

Core no. 35003-4 G.C. N 12° 04.98' W 61° 13.98': 1299 m b.s.l.

Age control:

Date: 1999

- *C. wuellerstorfi* ¹⁸O record (Hüls, 2000).
- AMS ¹⁴C dating (Hüls, 2000).

Core fit :

- None

Surface sediment age :

- Zero, according to AMS ¹⁴C dating (Hüls, 2000).

Age/depth correlation :

Orig. depth [cm]	¹⁴ C age [ky BP]	Error ±	Calendar years [ka]		Sed.rate [cm/ka]	Original interval/ material/ ^δ ¹⁸ O stratigraphy	Core no.	Remarks
3	-0.02	30	0	a)	- . -	AMS ¹⁴ C dating		div. planktic
98	4.90	50	5.65	a)	16.8	AMS ¹⁴ C dating		<i>G. ruber</i> (r)
110	5.52	40	6.3	a)	18.5	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
163	8.08	60	8.95	a)	20	AMS ¹⁴ C dating		div. planktic
190	8.75	50	9.92	a)	27.8	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
225	10.40	90	12.22	a)	15.1	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
257.5	11.82	70	13.94	a)	18.9	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
290	13.81	90	15.67	a)	15.33	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
300	14.8		18.3	a)	3.8	AMS ¹⁴ C analogue		
310	15.74	100	18.47	a)		AMS ¹⁴ C dating		<i>G. ruber</i> (w), ignored
380	19.86	110	23.9	a)	14.3	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
420	22.83	210	26.62	b)	14.7	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
450	24.66	260	28.66	b)	14.7	AMS ¹⁴ C dating		<i>G. ruber</i> (w)
463	26.63	+220 /-210	29.55	b)	13.1			div. planktic

a) ¹⁴C ages converted to calendar ages according to Stuiver & Reimer (1993) and Stuiver et al. (1998).

b) ¹⁴C ages converted to calendar ages according to Laj et al. (1996).

Remarks:

- None

Original references:

- Hüls, C. M. (2000): Millennial-scale SST variability as inferred from planktonic foraminiferal census counts in the western subtropical Atlantic. - Geomar Rep., 95, Kiel University, 81 pp.

LGM time slice:

- GLAMAP: 300-345 cm orig. depth in core (-4).
- EPILOG: 310-360 cm orig. depth in core (-4).

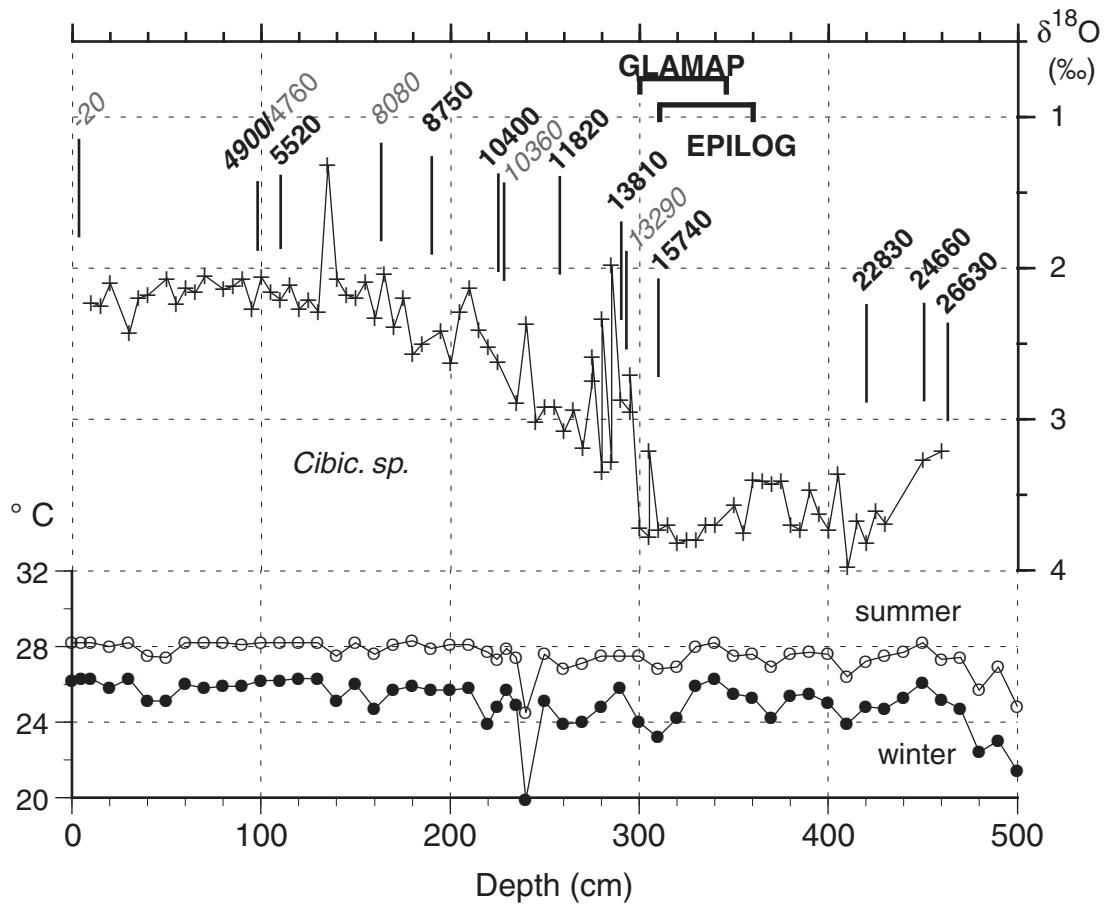
LGM foraminifera counts: Hüls (MH)

- GLAMAP: (in core -4) 300, 310, 320, 330, 340 cm orig. depth.
- EPILOG: (in core -4) 310, 320, 330, 340, 350, 360 cm orig. depth.

References for faunal analysis:

- Hüls, C. M. (2000): Millennial-scale SST variability as inferred from planktonic foraminiferal census counts in the western subtropical Atlantic. - Geomar Rep., 95, Kiel University, pp. 81.

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11820: *G. ruber* (w)

4900: *G. ruber* (r)

4760: *G. sacculifer*

8080: diverse planktonic foraminifera