

Core no. KF 13

N 37° 34.70' W 31° 50.53': 2690 m b.s.l.

Age control:

Date: 1998, modified 20/11/2000

- *C. wuellerstorfi* and *G. ruber* ^{18}O records (Richter, 1998).
- AMS ^{14}C dating on *G. ruber* and *G. bulloides* (Richter, 1998).

Age/depth correlation :

Orig. depth	^{14}C age	Error \pm	Calendar years		Sed.rate	Original interval/ material/ $\delta^{18}\text{O}$ stratigraphy	Remarks
[cm]	[ky BP]		[ka]		[cm/ky]		
22	6.99	80	7.816	a)	- . -	AMS ^{14}C dating	<i>G. ruber</i>
30	8.21	80	9.205	a)	5.8	AMS ^{14}C dating	<i>G. ruber</i>
40	9.01	90	10.206	a)	10.0	AMS ^{14}C dating	<i>G. ruber</i>
73	12.23	130	14.15	a)	8.35	AMS ^{14}C dating	<i>G. bulloides</i>
100	13.03	140	15.67	a)	17.8	AMS ^{14}C dating	<i>G. bulloides</i>
110	13.52	160	16.24	a)	17.5	AMS ^{14}C dating	<i>G. bulloides</i>
130	14.16	160	16.97	a)	27.4	AMS ^{14}C dating	<i>G. bulloides</i>
150	14.8		18.3		15.0	AMS ^{14}C analogue	
170	16.16	210	19.28	a)	20.4	AMS ^{14}C dating	<i>G. bulloides</i>
200	18.69	290	22.19	a)	10.3	AMS ^{14}C dating	<i>G. bulloides</i>
220	20.20	340	23.93	a)	11.5	AMS ^{14}C dating	<i>G. bulloides</i>
240	21.73	430	25.69	a)	11.6	AMS ^{14}C dating	<i>G. bulloides</i>

a) Calendar years converted from ^{14}C years using INTCAL 98.

Remarks:

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Original references:

- Richter, T. (1998): Sedimentary fluxes at the Mid-Atlantic Ridge - Sediment sources, accumulation rates, and geochemical characterisation. - Geomar Report, 73, 173 pp.

LGM time slice:

- GLAMAP: 150-193 cm orig. depth
- EPILOG: 164-204 cm orig. depth

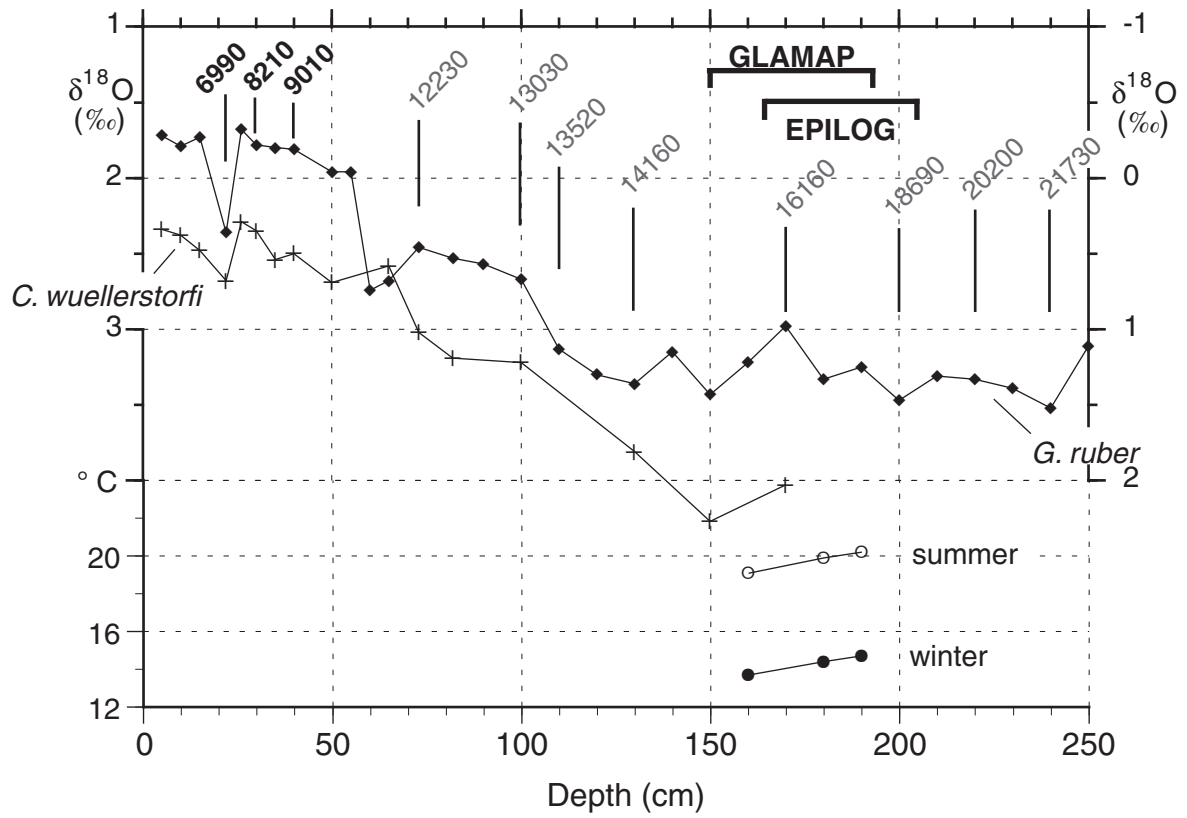
LGM foraminifera counts: Pflaumann (UP)

- GLAMAP: 160, 180, 190 cm orig. depth
- EPILOG: 180, 190 cm orig. depth

References for faunal analysis:

- Pflaumann et al., Paleoceanography, in prep.

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6990: *G. ruber*

12230: *G. bulloides*