Core no. 23351-1 K.C. N 70° 21.5' W 18° 13.2': 1672 m b.s.l.

Age control: Date: 1999

- *N. pachyderma* sin. $\delta^{18}O$ record (Voelker, 1999).
- AMS ^{14}C dating on *N. pachyderma* sin. (Voelker, 1999).

Core fit :

- None

Surface sediment age :

- Zero, according to AMS ^{14}C dating

Age/depth correlation :

Orig. depth	^{14}C age	Error ±	Calendar years		Sed.rate	Original interval/ material/	Core no.	Remarks
[cm]	[ky BP]		[ka]		[cm/ky]	$\delta^{18}O$ stratigraphy		
0.5	0.02	30				AMS ^{14}C dating	- 1	
45	13.4	40	16.1	a)	2.8	AMS ^{14}C dating	- 1	
55	14.8		18.3		4.5	AMS ^{14}C analogue	- 1	
106	21.57	70	25.5	a)	7.1	AMS ^{14}C dating	- 1	
155	25.75	+100 /-90	30.3	a)	10.2	AMS ^{14}C dating	- 1	

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

Remarks:

- None

Original references:

- Voelker, A. (1999): Zur Deutung der Dansgaard-Oeschger Ereignisse in ultra-hochauflösenden Sedimentprofilen aus dem Europäischen Nordmeer. - Ber.-Rep. Inst. Geowiss. Univ. Kiel, 9, pp. 287.

LGM time slice:

- GLAMAP: 55-78 cm orig. depth in core (-1)
- EPILOG: 60-85 cm orig. depth in core (-1)

LGM foraminifera counts: Vogelsang (EV)

- GLAMAP: (in core -1) 60 cm orig. depth.
- EPILOG: (in core -1) 60 cm orig. depth.

References for faunal analysis:

- Pflaumann et al., Paleoceanography, in prep.

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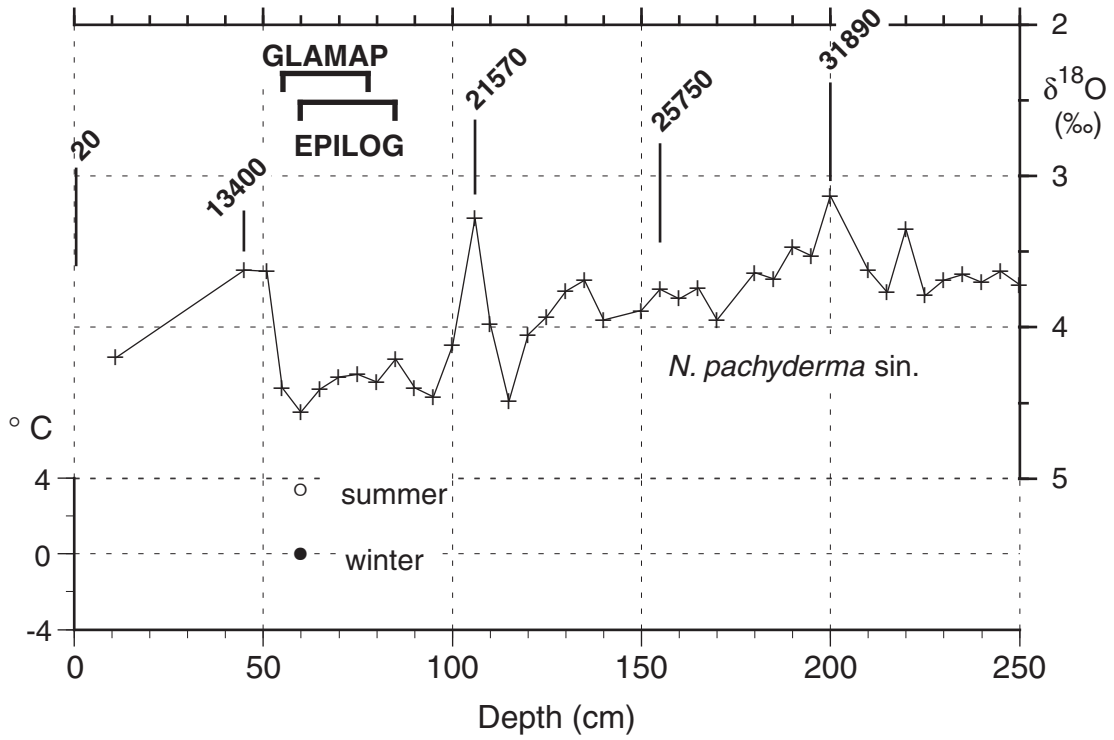
GLAMAP
EPILOG
20
13400
21570
25750
31890
2
3
4
5
δ18O
(‰)
N. pachyderma sin.
° C
4
0
-4
summer
winter
0
50
100
150
200
250
Depth (cm)