

Core no. BOFS 5k N 50° 41.3' W 21° 51.9': 3547 m b.s.l.

Age control: Date: 1999

- *G. bulloides* and *N. pachyderma* $\delta^{18}\text{O}$ records (Maslin, 1992)
- AMS ^{14}C dating on *G. bulloides* and *N. pachyderma* sin. (Maslin, 1992).

Surface sediment age:

- approximately 1000 years, based on ^{14}C datings.

Age/depth correlation :

Orig. depth [cm]	^{14}C age [ky BP]	Error \pm [ka]	Calendar years [ka]		Sed.rate [cm/ky]	Original interval/ $\delta^{18}\text{O}$ stratigraphy	Remarks
0.5	1.62	140	1.52	a)		AMS ^{14}C dating	<i>G. bulloides</i>
20.5	4.57	130	5.30	a)	5.3	AMS ^{14}C dating	<i>G. bulloides</i>
38.5	8.46	130	9.49	a)	4.3	AMS ^{14}C dating	<i>G. bulloides</i>
40.5	9.10		10.18		2.9	ash Saksunarvatn	
47.5	10.60		11.98		3.9	ash Vedde	
74.5	14.97	180	17.91	a)	4.55	AMS ^{14}C dating	<i>N. pachyderma</i>
77			18.3		6.4	AMS ^{14}C analogue	
78.5	16.12	180	19.23	a)	1.6	AMS ^{14}C dating	<i>N. pachyderma</i>
90.5	17.25	220	20.53	a)	9.23	AMS ^{14}C dating	<i>N. pachyderma</i>
100.5	19.81	280	23.48	a)	3.4	AMS ^{14}C dating	<i>N. pachyderma</i>
114.5	22.56	330	26.41	a)	4.7	AMS ^{14}C dating	<i>N. pachyderma</i>

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

Remarks:

- more AMS ^{14}C dates in Maslin (1992)

Original references:

- Maslin, M., Shackleton, N.J. & Pflaumann, U. (1995): Surface water temperature, salinity, and density changes in the NE-Atlantic during the last 45,000 years: Heinrich events, deep water formation and climatic rebounds. - Paleoceanography, 10, 527-544.
- Maslin, M.A. (1992): A study of the paleoceanography of the N.E. Atlantic in the late Pleistocene. - Ph.D. thesis, Cambridge Univ., Cambridge, England, 164 pp.

LGM time slice:

- GLAMAP: 77-94 cm orig. depth
- EPILOG: 78-97 cm orig. depth

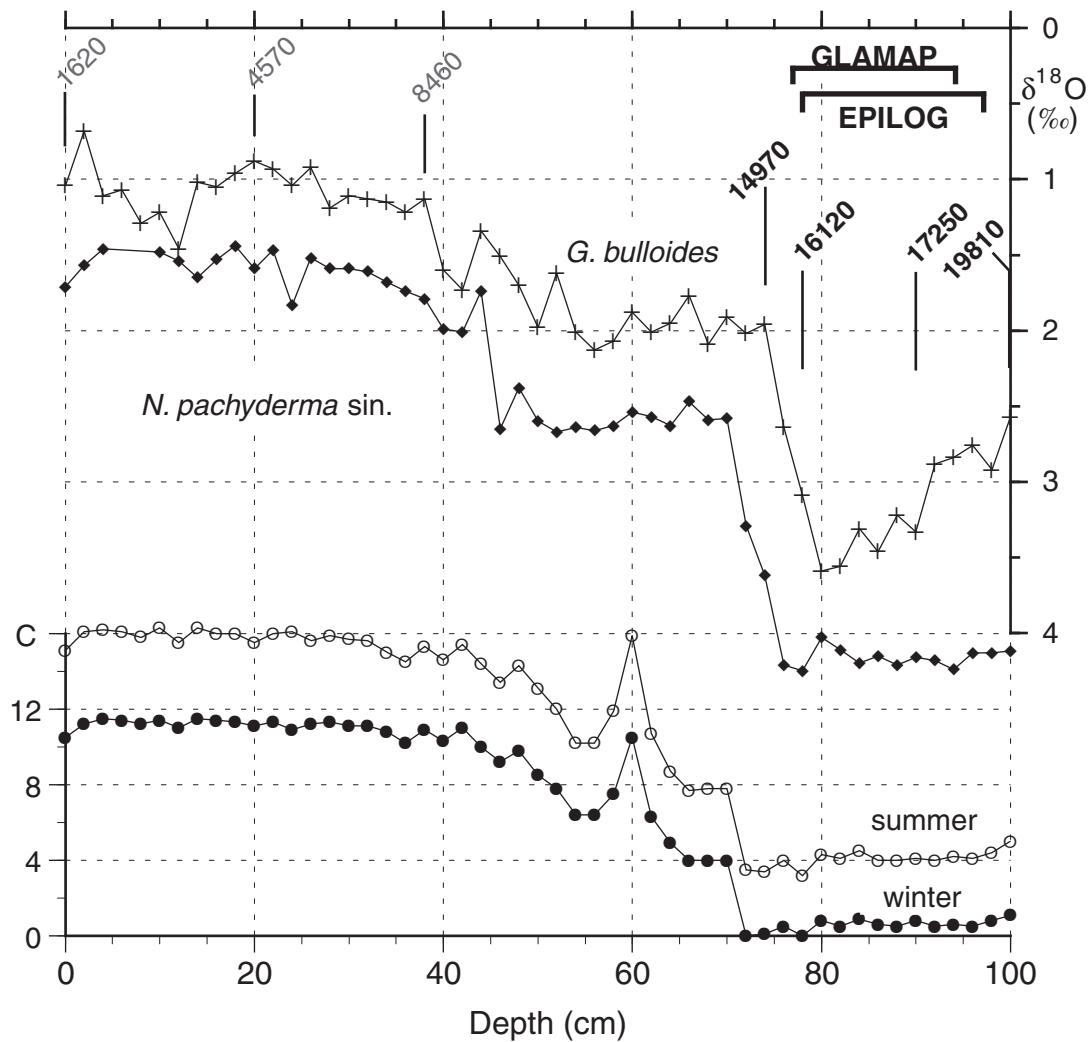
LGM foraminifera counts: Maslin (MM)

- GLAMAP: 76, 78, 80, 82, 84, 86, 88, 90, 92, 94 cm orig. depth.
- EPILOG: 78, 80, 82, 84, 86, 88, 90, 92, 94, 96 cm orig. depth.

References for faunal analysis:

- Maslin, M., Shackleton, N.J. & Pflaumann, U. (1995): Surface water temperature, salinity, and density changes in the NE-Atlantic during the last 45,000 years: Heinrich events, deep water formation and climatic rebounds. - Paleoceanography, 10, 527-544.
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4370: *G. bulloides*

15810: *N. pachyderma sin.*