

Correction to “Forcing of tropical Atlantic sea surface temperatures during the mid-Pleistocene transition”

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[1] In the paper “Forcing of tropical Atlantic sea surface temperatures during the mid-Pleistocene transition” by E. Schefuß, J. S. Sinninghe Damsté, and J. H. Fred Jansen (*Paleoceanography*, 19, PA4029, doi:10.1029/2003PA000892, 2004), Tables 1–3 were incorrect. The corrected tables appear below.

Table 1. Phase Angles in the Obliquity (41 kyr) Cycle^a

Time Series	Coherency	Nonzero Coherency (80%)	Phase Angle, deg.	Time Lag, kyr
<i>Mid-Pleistocene Versus ETP</i>				
ODP 1077 SST	0.99	0.96	48 ± 6	5.5 ± 0.7
ODP 1090 SSST	0.99	0.96	52 ± 4	5.9 ± 0.5
ODP 677 $\delta^{18}\text{O}_{\text{bent.}}$	0.99	0.96	78 ± 5	8.9 ± 0.6
DSDP 607 $\delta^{13}\text{C}_{\text{wuell.}}$	0.97	0.96	113 ± 9	12.9 ± 1.0
<i>Versus $-\delta^{18}\text{O}_{677}$</i>				
ODP 1077 SST	0.99	0.96	-29 ± 8	-3.2 ± 1.0
<i>Late Quaternary Versus Minimum Ice</i>				
GeoB 1016 SST Angola margin	0.76	0.64	-28 ± 20	-3.2 ± 2.3
E45-29/E49-18 SST South Indian fronts	0.86	0.65	-27 ± 15	-3.1 ± 1.7
PS2082-1 SST South Atlantic fronts	0.92	0.73	-18 ± 12	-2.1 ± 1.4
PS2489-2 SSST South Atlantic fronts	0.82	0.80	-13 ± 15	-1.5 ± 1.7

^aETP describes summed orbital variance following the convention by *Imbrie et al.* [1989] using the data of *Berger and Loutre* [1991]. ODP 1090 SSST data are from *Becquey and Gersonde* [2002], data of ODP 677 $\delta^{18}\text{O}$ are from *Shackleton et al.* [1990], data of DSDP 607 $\delta^{13}\text{C}$ are from *Ruddiman et al.* [1989] with the stratigraphy of *Raymo et al.* [1997]. Results for the late Quaternary are taken from the literature. Data of GeoB 1016 (11°46'S, 11°41'E) are from *Schneider et al.* [1995], data for E45-29 (44°53'S, 106°31'E) and E49-18 (46°03'S, 90°10'E) are from *Howard and Prell* [1992], PS2082-1 (43°13'S, 11°44'E) data are from *Brathauer and Abelmann* [1999], and PS2489-2 (42°52'S, 8°58'E) data are from *Becquey and Gersonde* [2003]. All late Quaternary records are crossed with the inverse SPECMAP record [*Imbrie et al.*, 1984], except for PS2489-2 SSST, which is crossed with benthic foraminiferal $\delta^{18}\text{O}$ of that core [*Becquey and Gersonde*, 2003]. A negative phase lag represents a lead.

Table 2. Phase Angles in the Eccentricity (100 kyr) Cycle From 900 to 450 kyr BP^a

Time Series	Coherency	Nonzero Coherency (80%)	Phase Angle, deg.	Time Lag, kyr
<i>Mid-Pleistocene Versus ETP</i>				
ODP 1090 SSST	0.99	0.96	-10 ± 3	-2.8 ± 0.8
ODP 1077 SST	0.96	0.96	-8 ± 10	-2.2 ± 2.8
DSDP 607 $\delta^{13}\text{C}_{\text{wuell.}}$	0.93	0.96	5 ± 14	1.4 ± 3.9
ODP 677 $-\delta^{18}\text{O}_{\text{bent.}}$	0.98	0.96	24 ± 8	6.7 ± 2.2
<i>Versus $-\delta^{18}\text{O}_{677}$</i>				
ODP 1077 SST	0.91	0.96	-31 ± 16	-8.6 ± 4.4
<i>Late Quaternary Versus Minimum Ice</i>				
GeoB 1016 SST Angola margin	0.92	0.64	-14 ± 15	-3.9 ± 4.2
E45-29/E49-18 SST South Indian fronts	0.81	0.65	-18 ± 18	-5.0 ± 5.0
PS2082-1 SST South Atlantic fronts	0.97	0.73	-18 ± 6	-5.0 ± 1.7
PS2489-2 SSST South Atlantic fronts	0.93	0.80	-23 ± 8	-6.4 ± 2.2

^aSee Table 1 for notes.**Table 3.** Phase Angles in the 80-kyr Cycle^a

Time Series	Coherency	Nonzero Coherency (80%)	Phase Angle, deg.	Lag, kyr
<i>Versus ODP 1077 SST</i>				
ODP 1090 SSST	0.71	0.96	-25 ± 32	-5.6 ± 7.1
ODP 677 $-\delta^{18}\text{O}_{\text{bent.}}$	0.83	0.96	-1 ± 23	-0.2 ± 5.1
DSDP 607 $\delta^{13}\text{C}_{\text{wuell.}}$	0.92	0.96	10 ± 15	2.2 ± 3.3

^aSee Table 1 for notes.