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
		Mid-Pleistocene Versus ETP		
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 -$\delta^{18}O_{bent.}$	0.99	0.96	78 ± 5	8.9 ± 0.6
DSDP 607 $\delta^{13}C_{wuell.}$	0.97	0.96	113 ± 9	12.9 ± 1.0
		Versus $-\delta^{18}O_{677}$		
ODP 1077 SST	0.99	0.96	−29 ± 8	−3.2 ± 1.0
		Late Quaternary Versus Minimum Ice		
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

[a]ETP 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 $\delta^{18}O$ are from *Shackleton et al.* [1990], data of DSDP 607 $\delta^{13}C$ 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 $\delta^{18}O$ of that core [*Becquey and Gersonde*, 2003]. A negative phase lag represents a lead.

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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
Mid-Pleistocene Versus ETP				
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 $\delta^{13}C_{wuell.}$	0.93	0.96	5 ± 14	1.4 ± 3.9
ODP 677 -$\delta^{18}O_{bent.}$	0.98	0.96	24 ± 8	6.7 ± 2.2
Versus $-\delta^{18}O_{677}$				
ODP 1077 SST	0.91	0.96	−31 ± 16	−8.6 ± 4.4
Late Quaternary Versus Minimum Ice				
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

[a]See 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
Versus ODP 1077 SST				
ODP 1090 SSST	0.71	0.96	−25 ± 32	−5.6 ± 7.1
ODP 677 -$\delta^{18}O_{bent.}$	0.83	0.96	−1 ± 23	−0.2 ± 5.1
DSDP 607 $\delta^{13}C_{wuell.}$	0.92	0.96	10 ± 15	2.2 ± 3.3

[a]See Table 1 for notes.