Corrigendum to "Evaluation of branched GDGTs and leaf wax *n*-alkane δ²H as (paleo) environmental proxies in East Africa"

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Corrigendum to "Evaluation of branched GDGTs and leaf wax n-alkane δ^2H as (paleo) environmental proxies in East Africa" [Geochim. Cosmochim. Acta 198 (2017) 182–193]

- The authors regret that an error was made when creating Table 1. For the Mt. Kenya campaign, the values listed in the column "MAAT (Peterse et al., 2012)" were the *in situ* temperatures instead of the temperatures derived from Peterse et al. (2012) calibration. This error is corrected in the table 1 below. This error does not change any fundamental conclusions of the paper as the correct temperature values were used to develop the calibrations presented.
- In addition, the source used to determine the temperature lapse rate along Mt. Kenya was not well referenced. The temperature values were derived from the Worldclim global climate dataset (Hijmans et al., 2005) instead of the association of the Kenya Meteorological Department (1984), Camberlin et al. (2014) and Smith (1993) data. Please note that the given temperature lapse rate was correct. This correction has thus no impact on the fundamental conclusions of the paper.
  The correct sentence in the materials and methods part should be: "Based on meteorological data from weather stations along Mt. Kenya and in Central Kenya (WorldClim; Hijmans et al., 2005), temperature lapse rate along Mount Kenya was determined as 0.63 °C/100 m."

The authors would like to apologize for any inconvenience caused.

<u>Reference:</u>

Hijmans RJ, Cameron SE, Parra JL, Jones PG, Jarvis A. (2005). Very high resolution interpolated climate surfaces for global land areas. *Int. J. Climatol.* ***25***, 1965–1978.

Table 1.

camp.	n°	altitude (m.a.s.l.)	MAAT (Peterse et al.. 2012)	MAAT (this study)	δ^2H_{wax}[a] (‰)	camp.	n°	altitude (m.a.s.l.)	MAAT (Peterse et al.. 2012)	MAAT (this study)	δ^2H_{wax} (‰)	camp.	n°	altitude (m.a.s.l.)	MAAT (Peterse et al.. 2012)	MAAT (this study)	δ^2H_{wax} (‰)
Mt. Rungwe (2012)	1	520	21.6	25.9	-133±9	Mt. Rungwe (2014)	22	537	21.9	24.5	-133±1	Mt. Kenya (2013)	41	3160	7.5	9.6	-153±0
	2	520	22.4	26.0	-135±12		23	565	20.0	20.8	-140±5		42	3119	7.5	9.4	-148±2
	3	529	22.5	26.6	-137±2		24	700	22.1	26.1	-141±2		43	3119	6.0	8.9	-158±5
	4	640	18.7	22.8	-150±10		25	873	20.2	22.0	-126±3		44	3119	6.1	8.1	-144±4
	5	700	21.3	25.4	-139±2		26	911	20.9	21.9	-147±4		45	3268	7.2	8.7	-146±3
	6	820	17.3	21.0	-166±3		27	1013	20.2	22.2	-140±3		46	3047	9.0	13.9	-148±1
	7	869	19.6	22.8	-151±3		28	1164	19.5	20.2	-138±7		47	2924	6.6	11.8	-145±1
	8	869	21.4	23.6	-125±4		29	1412	16.1	19.4	-142±4		48	2846	10.1	14.7	-143±2
	9	997	19.5	23.3	-151±2		30	1493	17.0	19.0	-143±7		49	2705	8.7	13.4	-140±2
	10	1097	17.9	21.1	-135±1		31	1600	16.4	18.9	-146±4		50	2642	8.7	14.1	-155±1
	11	1220	20.1	22.3	-162±2		32	1699	16.7	18.8	-130±2		51	2500	12.5	15.9	-143±2
	12	1380	21.7	23.5	-148±3		33	1700	15.5	18.0	-138±4		52	2323	15.8	17.8	-140±4
	13	1550	15.4	17.5	-144±1		34	1913	12.5	17.3	-134±8		53	2189	8.8	12.4	-148±2
	14	1680	15.5	19.3	-142±6		35	1960	13.1	17.6	-130±9		54	2097	14.2	15.8	-137±2
	15	1702	17.2	20.2	-147±2		36	2008	12.4	17.0	-147±3		55	2052	11.0	14.5	-135±3
	16	1846	15.5	19.2	-139±1		37	2212	13.5	15.0	-144±3		56	1897	14.8	15.9	-145±2
	17	2020	12.8	16.8	-133±2		38	2080	n.a.[b]	n.a.	-136±2		57	2027	16.8	18.5	-135±1
	18	2055	12.2	17.1	-149±2		39	2021	n. a.	n.a.	-139±0		58	2130	11.7	15.0	-119±2
	19	2080	14.8	17.7	-153±1		40	1979	n.a.	n.a.	-159±2		59	2258	16.6	19.6	-124±2
	20	2200	13.6	16.5	-152±1								60	2318	15.3	18.2	-126±3
	21	2800	14.0	17.0	-159±9												

[a]the analytical error of at least duplicate measurements is given
[b]not analysed for GDGT content.