

S1 Supplementary tables

This supplement contains Tables S1 and S2.

Table S1. Sensitivity of reconstructed African Humid Period statistics over the Quaternary to the reference interval used for vegetation-threshold calibration.

Younger bound (ka BP)	AHP threshold (%)	Older bound (ka BP)	Number of AHPs	AHP time fraction
4.0	17.3098	14.8	96	35.68%
4.5	18.3861	14.5	91	31.56%
5.0	19.4625	14.2	89	28.48%
5.2	<i>19.8553</i>	<i>14.0</i>	<i>89</i>	<i>27.32%</i>
5.5	20.5824	13.8	84	24.88%
6.0	21.7024	13.4	77	21.60%

The italicized row indicates the reference interval and vegetation threshold adopted in this study.

Table S2. Regression coefficients of the reduced-order reconstruction framework.

Coefficient	k_1	b_1	k_2	b_2	k_3	b_3
Value	55.7272	-4.6256	-0.0029	1.0106	0.0143	0.9098