Supporting information

Changes in sensitivity of tree-ring widths to climate in a tropical moist forest tree in Bangladesh

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Table S1. Characteristics of *Chukrasia tabularis* site chronologies from two moist forest sites in Bangladesh.

Sites	Time Span	Mean Length of Series (year)	Trees/Cores	Mean Ring Width (mm) ± SD	Mean GLK [a]	Series Inter Correlation (SIC)	Mean Sensitivity (MS)	Correlation Coefficient between Site Chronologies		
									RKWS	LNP
RKWS	1895-2015	64	21/37	3.85±1.33	0.73	0.54	0.69	RKWS	1	0.37 ***
LNP	1923-2012	60	12/15	4.13±1.32	0.65	0.45	0.66	LNP	0.37 ***	1

[a] GLK: Gleichläufigkeit (sign test) *** Correlation significant at $p < 0.001$ level (2 tailed).

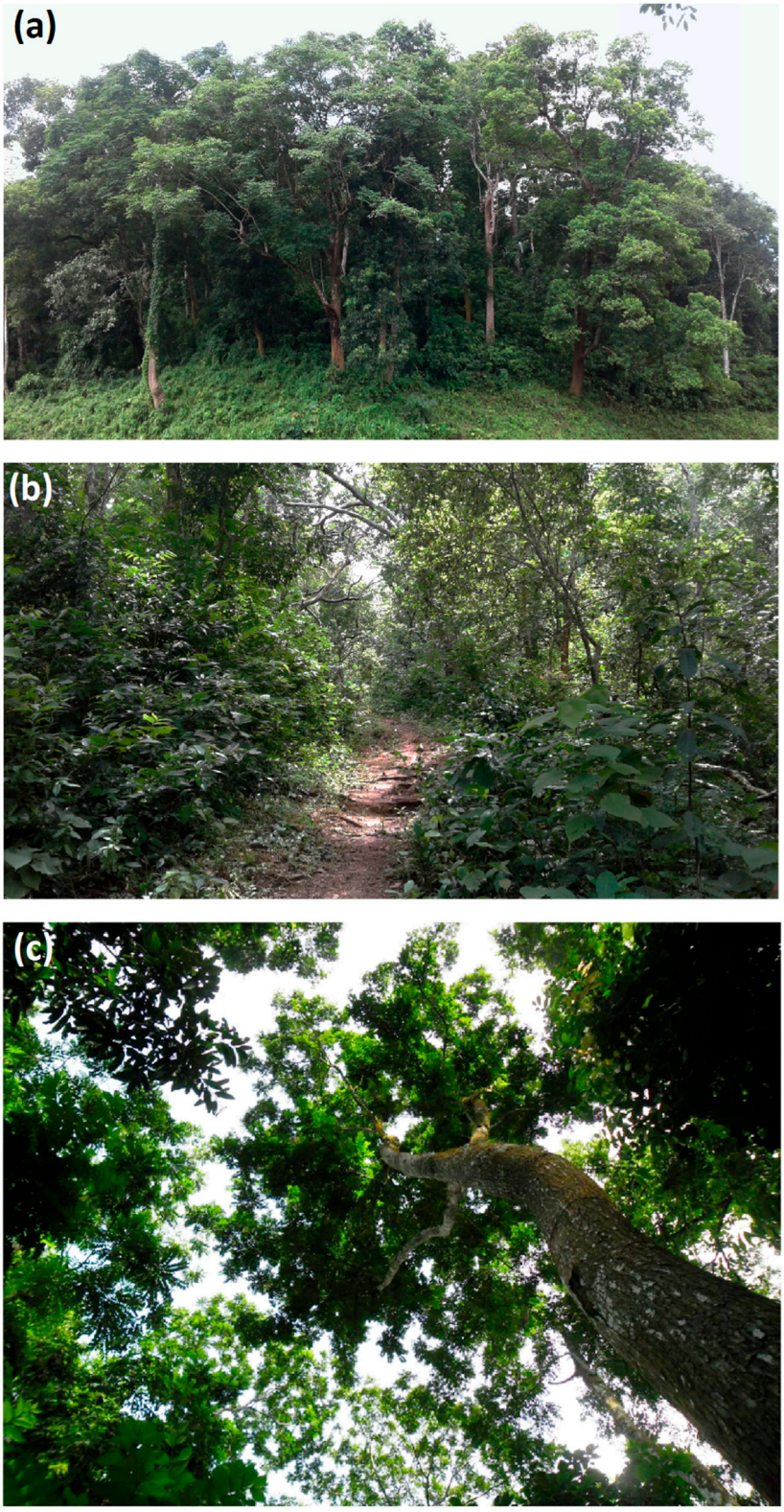

Figure S1. Photographs showing the forest stands of study sites. (**a**) A forest stand close to the forest boundary in RKWS (**b**) Forest interior in RKWS (**c**) A mature *C. tabularis* tree with the canopy in LNP.

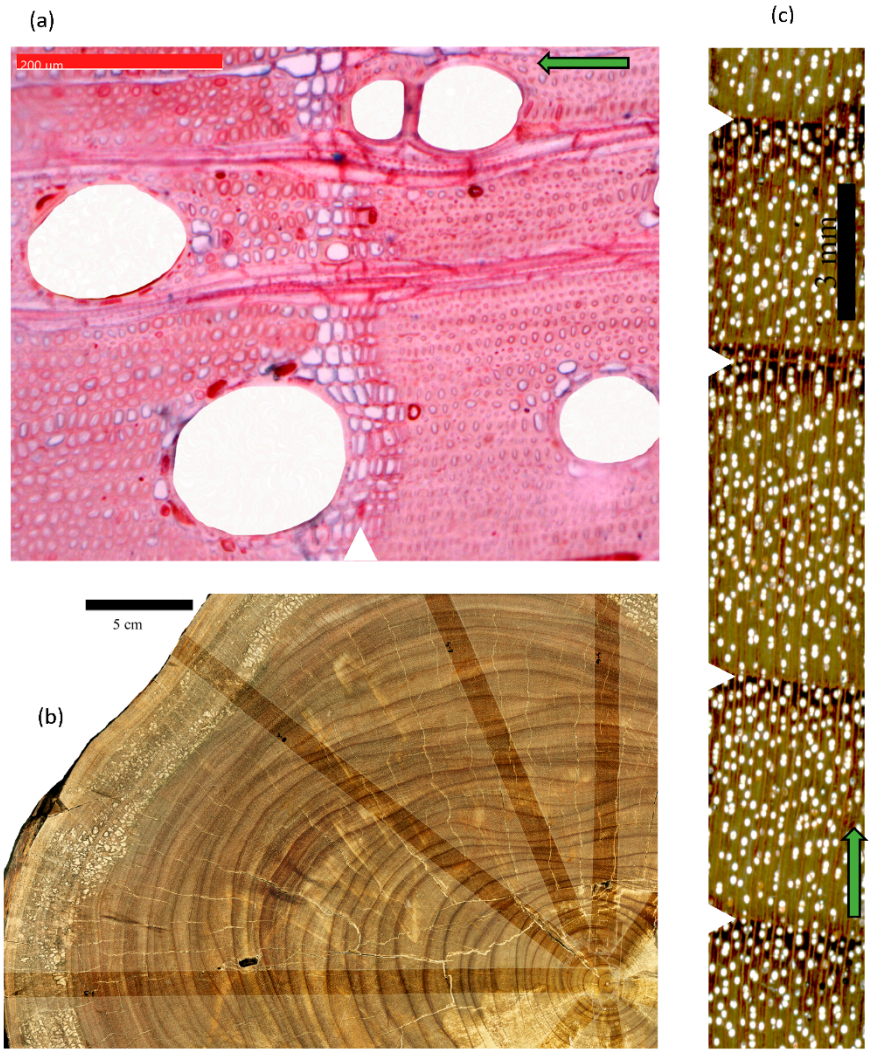

Figure S2. (**a**) High magnification digital microscopic images of *C. tabularis* showing characteristic wood anatomical features. (**b**) A portion of stem disk of a *C. tabularis* tree showing growth ring boundaries and the measurement areas (Darker zones). (**c**) Scanned sample of an increment core of *C. tabularis*. White triangles indicate growth-ring boundaries. Arrows indicate growth directions.

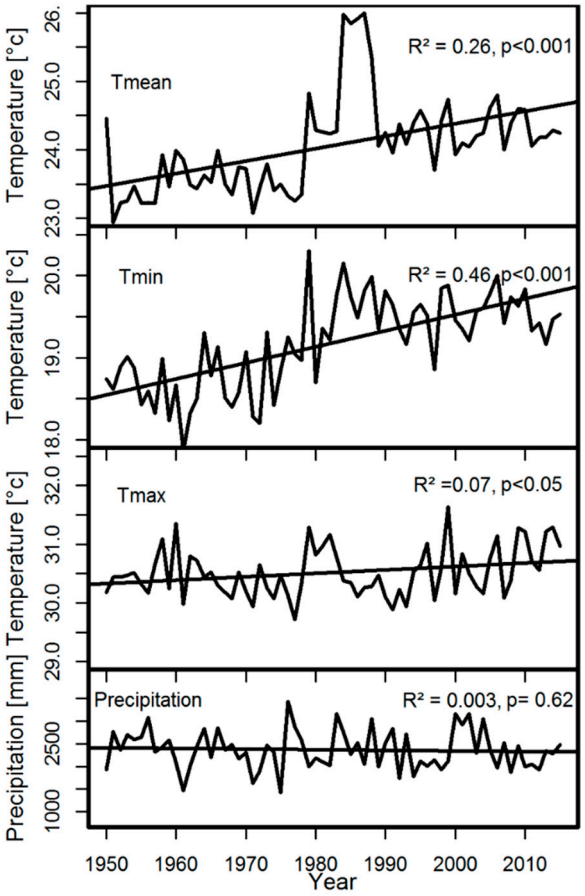

Figure S3. Trends in climate variables over the period 1950 to 2015.

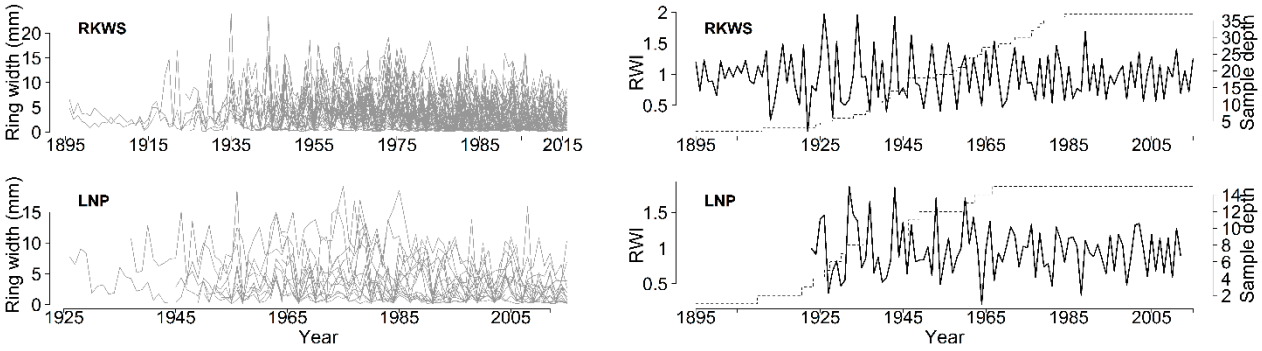

Figure S4. Site chronologies (right panels) and raw ring-width time series (left panels) of *C. tabularis* from two moist forest sites in Bangladesh. RKWS = Rema-Kalenga Wildlife Sanctuary, LNP = Lawachara National Park.

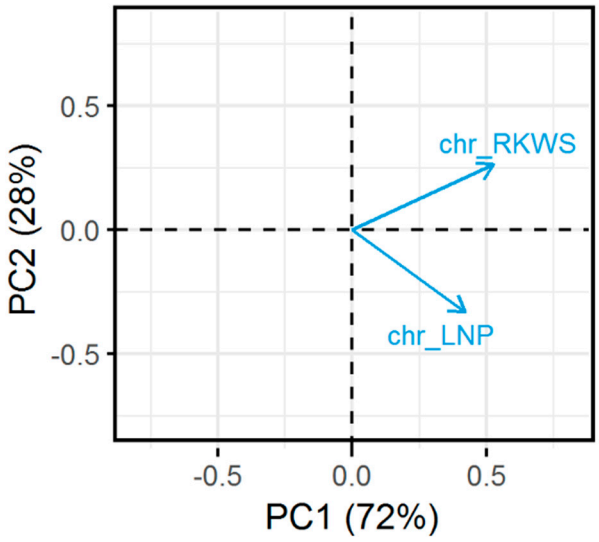

Figure S5. Principal Component Analysis (PCA) of the two site chronologies.

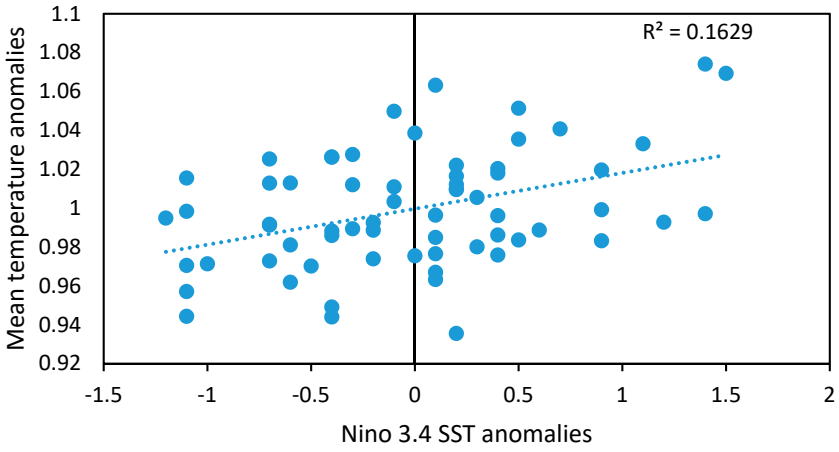

Figure S6. Relationship between Nino 3.4 SST anomalies and mean temperatures of years following an ENSO event in the study area.

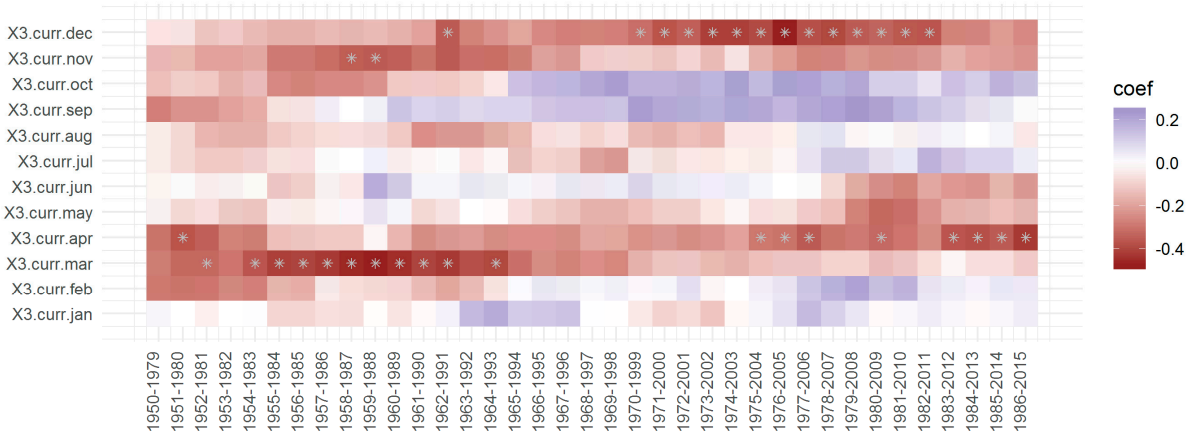

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Figure S7. Moving correlations (30 years window) of RWI chronology and vapor pressure deficit (VPD) for the period over 1950–2015.