

[Supplementary material]

Forging empire: Angkorian iron smelting, community and ritual practice at Tonle Bak

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Table S1. Radiocarbon dates from trench excavations at Tonle Bak. The unmodelled calibrated ages were estimated using the OxCal program v4.2 (Bronk Ramsey 2009) and the SHCal13 curve (Hogg *et al.* 2013) offset by -21 ± 6 years, following approaches undertaken by Hendrickson *et al.* (2013), Pryce *et al.* (2014) and Hendrickson *et al.* (2017) to account for a regional ^{14}C offset for Southeast Asia (including Cambodia) due to atmospheric transport and mixing (Hua *et al.* 2004a & b; Hua & Barbetti 2007).

Location	Trench	Feature	Association	Sample type	Sample ID (STB-)	Lab ID (OZ-)	^{14}C Age (BP)	Calibrated ages at 95% probability (CE)			Trench order (1 = base)	
								Unmodell ed	Median	Modell ed		
Mound 2												
	1	South section		Charred wood	T1S-01	W395	735 \pm 2 0	1267– 1380	1287	1161– 1273	1234	1
	1	South section		Charred wood	T1S-02	V829	915 \pm 3 0	1045– 1217	1157	1180– 1272	1236	2
	1	South section		Charred wood	T1S-04	V830	740 \pm 2 0	1234– 1379	1284	1211– 1271	1240	3
	1	South section		Charred wood	T1S-05	V831	790 \pm 2 0	1224– 1281	1252	1222– 1268	1244	4
	1	South section		Charred wood	T1S-06	V832	840 \pm 2 0	1185– 1269	1226	1226– 1270	1248	5
	1	South section		Charred wood	T1S-08	V833	800 \pm 2 0	1220– 1279	1249	1231– 1271	1251	6
	1	South section		Charred wood	T1S-09	V834	830 \pm 2 0	1200– 1274	1237	1232– 1275	1256	7
	2	Furnace 1		Charred wood	T2-01	W396	800 \pm 2 0	1220– 1279	1249		N/A	2
	2	Furnace 1		Charred wood	T2-02	W397	850 \pm 2 0	1180– 1267	1216		N/A	2
	2	Furnace 1		Charred wood	T2-03	V835	855 \pm 2 0	1164– 1266	1211		N/A	1
	6	Furnace 2		Charred wood	T6-F2B-07	W399	785 \pm 2 5	1221– 1286	1254		N/A	N/A
Mound 5 to ceramic scatter												

4	Column 1 4004	Occupation #2	Charred rice	T4-11	V842	860±2 0	1160– 1264	1207	N/A	2	
4	Column 2 4004	Occupation #3	Charred rice	T4-12	V843	875±2 5	1150– 1264	1195	N/A	3	
4	West section	Before Occupation #2	Charred wood	T4W-00	V844	965±2 5	1029– 1156	1096	1045– 1178	1133	1
4	West section	Same as Occupation #2	Charred wood	T4W-01	V845	930±2 5	1043– 1202	1129	1073– 1208	1160	2
4	West section	After Occupation #3	Charred wood	T4W-04	V846	860±2 0	1160– 1264	1207	1161– 1220	1193	4
4	West section		Charred wood	T4W-06	V847	870±2 0	1155– 1260	1199	1181– 1231	1210	5
4	West section		Charred wood	T4W-07	V848	780±2 0	1225– 1285	1260	1217– 1260	1236	6
4	West section		Charred wood	T4W-08	V849	840±2 0	1185– 1269	1226	1224– 1270	1251	7
Balang											
5			Charred wood	T5-01	V850	785±2 0	1225– 1283	1255	N/A	2	
5			Charred wood	T5-02	V851	845±2 0	1182– 1268	1221	N/A	1	
5			Charred wood	T5-03	V852	Moder n	Younger than 1950 CE		N/A		

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