

Supporting Information

Levy *et al.* 10.1073/pnas.0804950105

SI Text

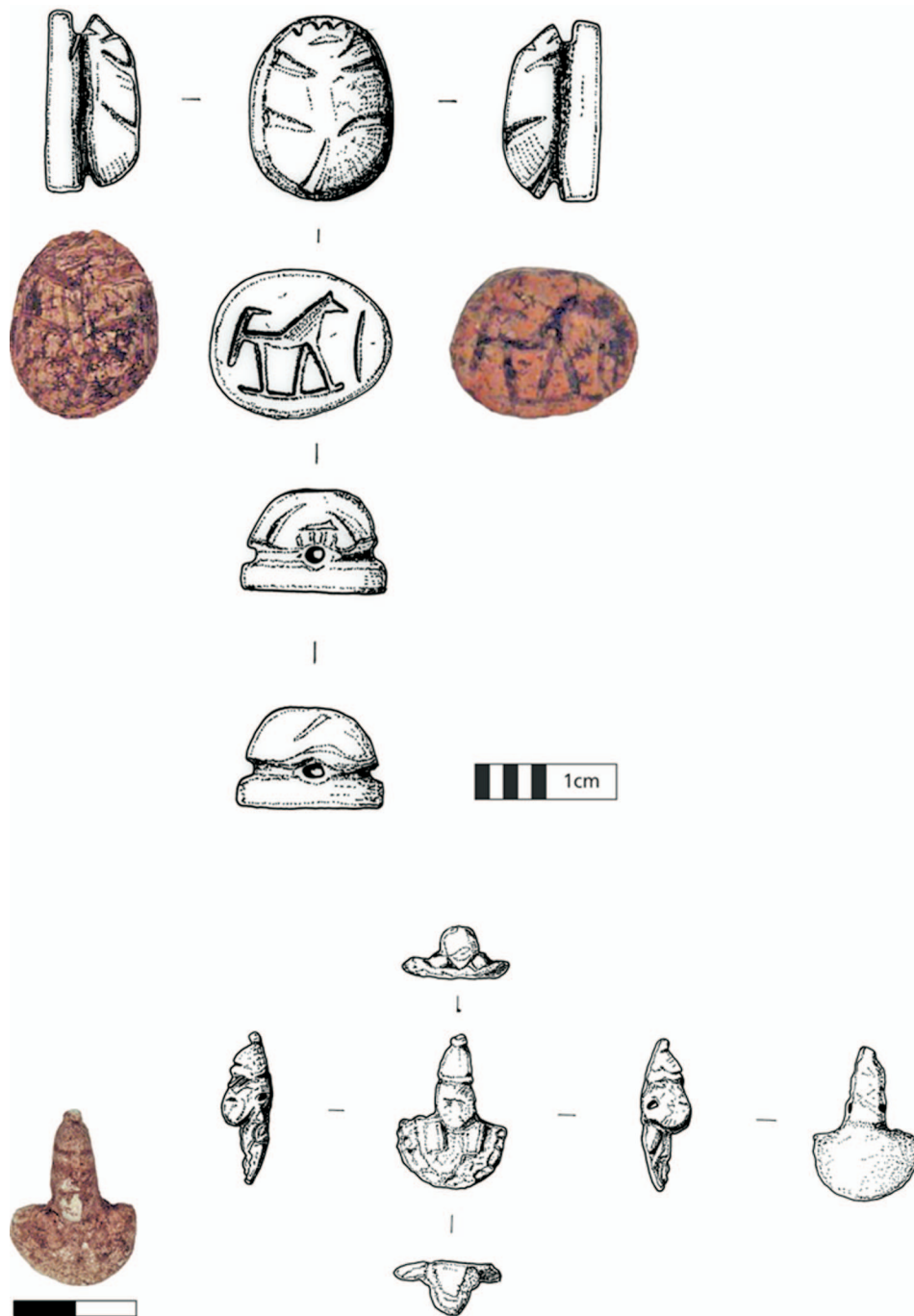


Fig. S1. Iron Age Egyptian artifacts from the Area M excavations at Khirbat en-Nahas, Jordan (drawings by Caroline Hebron, UCSD Levantine Archaeology Lab).



Fig. S2. Working on the 3-D model of the Iron Age 4-room building from Area M at Khirbat en-Nahas, Jordan, in the StarCAVE environment at UCSD's Calit2 (photo by Pinar Istek, UCSD Calit2).

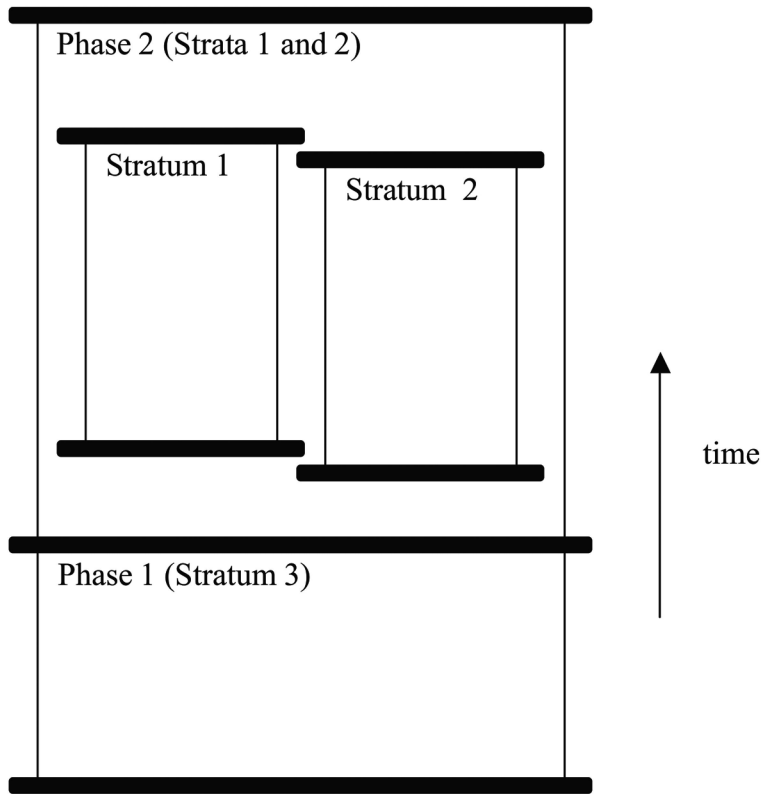


Fig. S3. Schematic of the Bayesian model applied to Area M, Khirbat en-Nahas. The main sequences are shown as boxes here and the boundary events as heavy black lines.



Fig. S4. Photographic of the Iron Age “Watchtower” of Rujm Hamra lfdan, Faynan District (WFD 77), Jordan. Section A is at the top, B at the bottom of photo (photo by T. E. Levy).

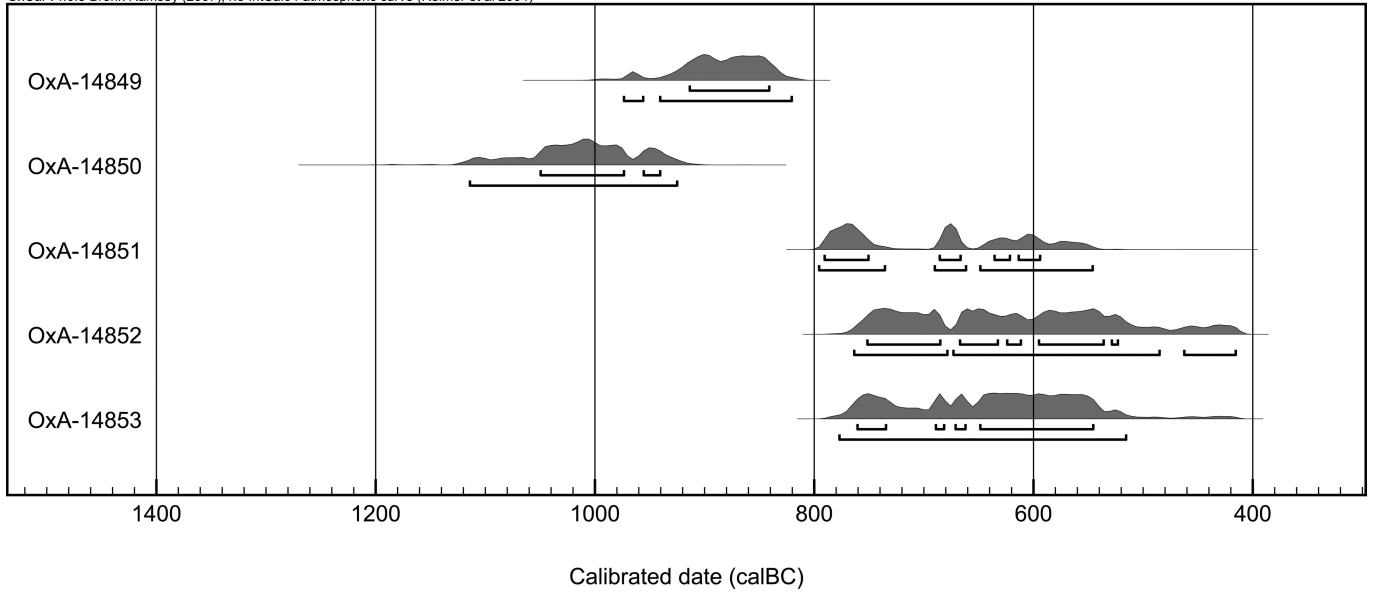


Fig. S5. Calibrated radiocarbon dates from the Iron Age excavations at Rujm Hamra Ifdan, Faynan district, Jordan.

Table S1. Radiocarbon dates and calibrations for Rujm Hamra Ifdan, Faynan District, Jordan

OxA	Sample	Material	Species	Date	+/-	$\delta^{13}\text{C}$ (‰)	Calibrated dates (cal BC)			
							68.2% probability		95.4% probability	
							From	To	From	To
14849	WFD77-L501-B54-EDM10045; Sounding A	Charred seeds	<i>Phoenix dactylifera</i>	2747	28	-20.6	914	842	974	821
14850	WFD77-L509-B96-EDM10092; Sounding A	Charred seeds	<i>P. dactylifera</i>	2849	28	-21.2	1050	941	1115	926
14851	WFD77-L333-B207-EDM10238; Sounding B	Charcoal	<i>Tamarix</i> sp	2537	27	-26.7	791	595	796	547
14852	WFD77-L534-B258-EDM10295; Sounding B	Charcoal	<i>Tamarix</i> sp	2473	28	-24.7	752	524	764	416
14853	WFD77-L10305-B265-EDM10305; Sounding B	Charcoal	<i>Tamarix</i> sp	2495	28	-25.6	761	546	778	516