

**[Supplementary material]**

**A first absolute chronology for Late Neolithic to Early Bronze Age Myanmar: new AMS <sup>14</sup>C dates from Nyaung'gan and Oakaie**

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**Table 1. Radiocarbon dates for OAI1, Oxcal v2.2.4 (Bronk Ramsey 2009; Reimer *et al.* 2013).**

Identification	Phase	Determination	Laboratory code
OAI1/S8/bone	LN/EBA	2573±33	UBA-27929
OAI1/S21A/bone	LN/EBA	2566±34	UBA-27930
OAI1/S29/bone	LN/EBA	2325±30	SacA44379
OAI1/S26/Shell 1	LN/EBA	3885±29	OxA-32297
OAI1/S26/Shell 2	LN/EBA	2798±29	OxA-32414
OAI1/S44/bone	LN/EBA	2370±30	SacA44385
OAI1/S44/tooth	LN/EBA	2580±35	SacA44380
OAI1/S45/Shell	LN/EBA?	4026±32	OxA-32410

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OAI1/S50/Shell 1	LN/EBA	2903±29	OxA-32415
OAI1/S50/Shell 2	LN/EBA	3000±26	OxA-32296
OAI1/S51/tooth	LN/EBA	2545±30	SacA44386
OAI1/S51/bone	LN/EBA	2520±30	SacA44387
OAI1/S10/bone	LN/EBA	2519±34	UBA-27926
OAI1/S15/bone	EBA	2242±38	UBA-27927
OAI1/S23/bone	LN/EBA	2584±39	UBA-27928
OAI1/S31/Shell 1	LN/EBA	3019±36	OxA-32412
OAI1/S35/tooth	LN/EBA	2700±30	SacA47072
OAI1/S40B/Shell 1	LN/EBA	3297±27	OxA-32413
OAI1/S40B/Shell 2	LN/EBA	3467±29	OxA-32411

**Table 2. Radiocarbon dates for OAI2, Oxcal v4.2.4 (Bronk Ramsey 2009; Reimer *et al.* 2013).**

Identification	Phase	Determination	Laboratory
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			<b>code</b>
OAI2/SQUARE6/US3/charcoal	EBA	2880±30	Beta - 418511
OAI2/SQUARE6/US22/charcoal	EBA	2540±30	Beta - 418512
OAI2/SQUARE6/US23/charcoal	EBA	2750±30	Beta - 418513
OAI2/SQUARE6/US25/charcoal	EBA	2660±30	Beta - 418514
OAI2/SQUARE6/US4/charcoal	EBA	2820±30	Beta - 418510
OAI2/SQUARE5/S8/bone	EBA	2230±30	SacA44392
OAI2/SQUARE5/S8/tooth	EBA	2670±30	SacA44388
OAI2/SQUARE3/US5/charcoal	LN	2990±30	Beta - 418509

**Table 3. Radiocarbon dates for OAI3, Oxcal v4.2.4 (Bronk Ramsey 2009; Reimer *et al.* 2013).**

<b>Identification</b>	<b>Phase</b>	<b>Determination</b>	<b>Laboratory code</b>
OAI3/30007/Charcoal	EBA	2725±20	Wk-43976
OAI3/35040/Charcoal	EBA	2725±20	Wk-44875
OAI3/35049/Charcoal	EBA	2753±20	Wk-44876
OAI3/35070/Charcoal	EBA	2675±20	Wk-44877

OAI3/35075/Charcoal	EBA	2731±20	Wk-44879
OAI3/35077/Charcoal	EBA	2605±20	Wk-44880
OAI3/35072/Charcoal	EBA	2871±20	Wk-44878
OAI3/30014/Charcoal	LN	2920±20	Wk-43977
OAI3/30054/Charcoal	LN	3606±20	Wk-43978
OAI3/30060/Charcoal	LN	3705±20	Wk-43979
OAI3/30061/Charcoal	LN	2345±20	Wk-43980
OAI3/30066/Charcoal	LN	3129±20	Wk-43981
OAI3/30088/Charcoal	LN	2909±20	Wk-43982
OAI3/30096/Charcoal	LN	2904±20	Wk-43983
OAI3/30104/Charcoal	LN	2962±20	Wk-43984

**Table 4. Radiocarbon dates for OAI4, Oxcal v4.2.4 (Bronk Ramsey 2009; Reimer *et al.* 2013).**

<b>Identification</b>	<b>Phase</b>	<b>Determination</b>	<b>Laboratory code</b>
OAI4/TP2/41005/charcoal	EBA	2780±30	Beta-443445
OAI4/TP2/41007/charcoal	EBA	2680±30	Beta-443444

OAI4/TP2/41016/charcoal	LN	2880±30	Beta-443446

**Table 5. Radiocarbon dates for Nyaung'gan, Oxcal v4.2.4 (Bronk Ramsey 2009; Reimer et al. 2013).**

Identification	Phase	Determination	Laboratory code
NYG3/S6/tooth	EBA	2415±30	SacA47089
NYG1/S1/tooth	LN/EBA	2565±30	SacA47073
NYG1/S2/tooth	LN	2520±30	SacA47074
NYG2/S3A/tooth	?	2640±30	SacA47075
NYG2/S3B/tooth	LN	2585±30	SacA47076
NYG2/S4/tooth	LN	2430±30	SacA47077
NYG3/S7/tooth	LN	2580±30	SacA47090

## References

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