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PALAIKASTRO: BUILDING 1

SUPPLEMENTARY VOLUME 48

THE BRITISH SCHOOL AT ATHENS

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PALAIKASTRO

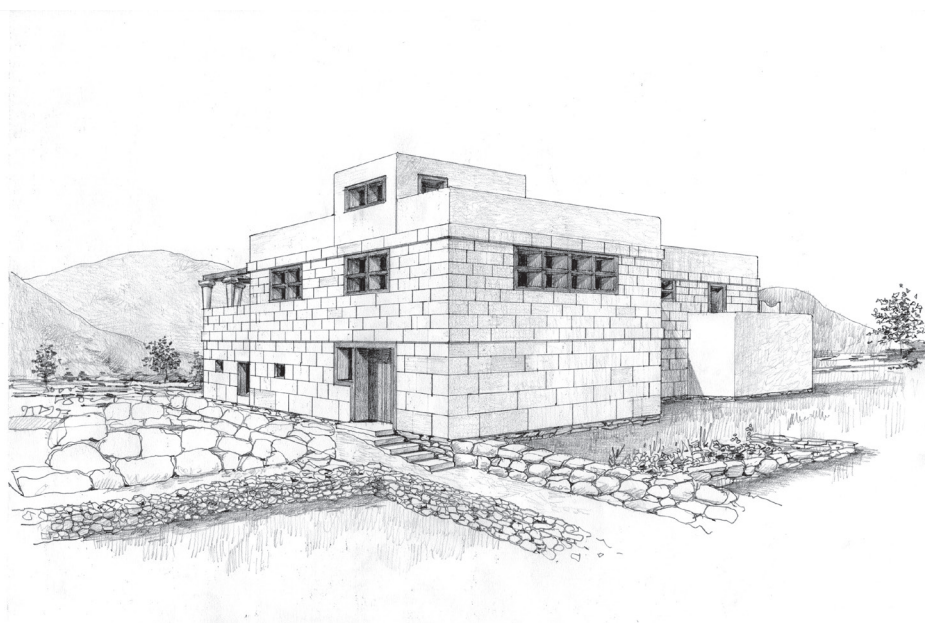
BUILDING 1

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Abbreviations

Ae	bronze/copper alloy	MPH	maximum preserved height
ANM	Agios Nikolaos Museum	MPL	maximum preserved length
B	bone	MPW	maximum preserved width
<i>c.</i>	<i>circa</i>	<i>Murex</i>	<i>Murex trunculus</i>
C.F.	coarse flot	n.	footnote
cm	centimetre	NAM	National Archaeological Museum, Athens
Cr	crucible	Not ill.	not illustrated
Cu	copper	Ob	obsidian
decat	de-catalogued	OMA	oval-mouthed amphora
D.	diameter	OXSAMP	sampled for analysis at Oxford
ext.	exterior	Pb	lead
F	flot	PK	Palaikastro
F.F.	fine flot	Pl	plaster
FM	Furumark motif	PRB	pulled-rim bowl
fr(s).	fragment(s)	pres.	preserved
FS	Furumark shape	R	residue
H.	height	Ri	right
hc	hand collected sample	rest	restored
ISJ	inscribed stirrup jar	S	stone
gm	gramme	SF	small find
hm	handmade	Sh	shell
indet.	indeterminate	SM	Siteia Museum
ill.	illustrated	SS	soil sample
incl.	inclusions	Tc	terracotta
int.	interior	TCP	tripod cooking pot
l	litre	Th.	thickness
L.	length	W.	width
Le	left	WS	water flotation sample
m	metre	wm	wheelmade
M	metal	Wt.	Weight
max.	maximum	/	Excavation inventory number
MNI	Minimum number of individuals	-/-	complete/fragment(s)
mono.	monochrome		
MPD	maximum preserved depth		

TECHNICAL TERMS

Class/Hell.	Classical to Hellenistic	Ir	infrared reflectance spectroscopy
Gc	gas chromatography	Xps	x-ray photoelectron spectroscopy

SYMBOLS

Λ	arbitrary level assigned to a distinctive layer during excavation.	[o]	find number assigned during excavation.
#	'zambil' or basic site locus unit (named for the recycled rubber baskets used to collect ceramics during excavation) followed by four-digit number.	↑	absolute height above sea level in metres
		<	less than
		>	greater than

MEASUREMENTS

Architecture in metres
 Artefacts in centimetres
 Flora and fauna in millimetres

GLOSSARY

<i>ammouda</i>	aeolianite sandstone, locally quarried at Ta Skaria
<i>apothetis</i>	receptacle or repository for refuse, often discarded from ritual usage
ashlar	square hewn sandstone masonry blocks laid in horizontal courses
elutriation	purifying clay by washing and/or straining
<i>koresani</i>	brick-dust mortar
lime-popping	surface spalling on pottery due to calcium carbonate absorbing moisture and expanding during or after firing
<i>polythyron</i>	literally 'many opening', hence a Minoan Hall with multiple doors
<i>sideropetra</i>	blue limestone slabs from Cape Sidero
socle	stone-built foundation for a mud-brick wall
<i>sottoscala</i>	storage area beneath a staircase
<i>thymiaterion</i>	incense burner
zembil	recycled rubber baskets used to collect ceramics during excavation, here used to designate lot or locus (see #)

PALAIKASTRO SITE PERIODS
WITH THEIR APPROXIMATE CRETAN EQUIVALENTS

I	Neolithic
II	EM I
III	EM IIA
IV	EM IIB
V	EM III-MM IA
VI	MM IB
VII	MM II
VIII	MM IIIA
IX	MM IIIB
X	LM IA
XI	LM IB ₁
XII	LM IB ₂
XIII	LM II
XIV	LM IIIA ₁
XV	LM IIIA ₂ -B
XVI	LM IIIB
XVII	LM IIIC
XVIII	Geometric
XIX	Archaic-Roman

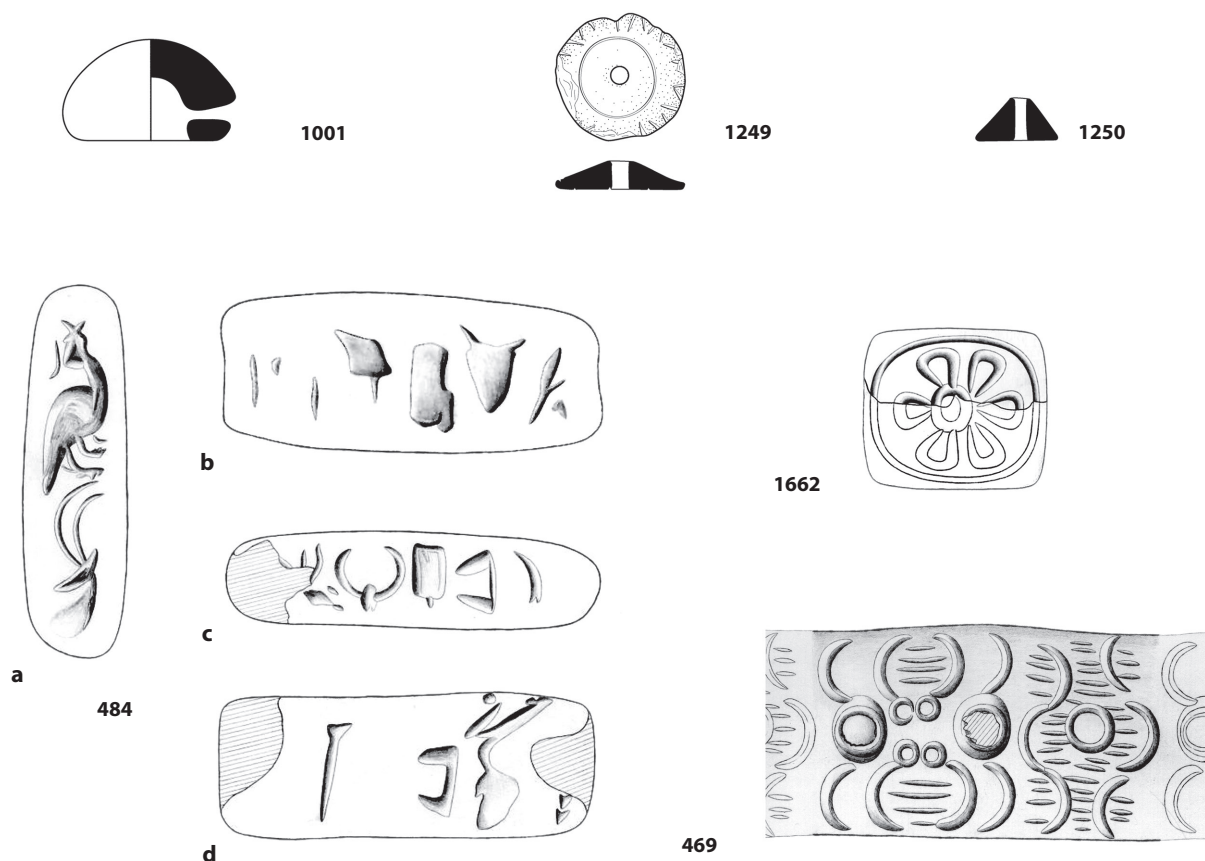


FIG. 5.13. Pommel and 'buttons' (top row) – 1:2; seals (drawings of impressions, courtesy of the CMS Archive) – 2:1.

1001 is labelled for convenience a '*button*'. Of serpentinite, it has a domed (or plano-convex) form and is well polished (FIG. 5.13; PLATE 69). On the lower, flatter side a simple design of triangles is cut at the rim, with a circle further in. This decorative aspect separates it from the canonical group of 'buttons' as discussed and catalogued by Iakovides.²⁸ Its diameter (at 3.5 cm) and the relatively large size of the centrally placed hole (at 0.45 cm) may both be indications that it served rather as a spindle-whorl. Its findspot, amongst the Phase 2c debris at the West Façade is not helpful. **1249** (Phase 4), on the other hand, is a typical specimen of the sort discussed by Iakovides (FIG. 5.13, PLATE 69), and needs no further comment.

1250 (FIG. 5.13, PLATE 73) is a typical hemispherical *pommel* of a small sword or dirk/dagger.²⁹ Such are commonly made of ivory or (as here) of stone – in this case white marble – enlivened by pale and greenish veining; but with its surface rather pitted. Separated from its metal blade, it was found on the Phase 4 clay and pebble floor of the antechamber to cult room 32 in context 1.4.24.1, along with several stone tools and two pieces of stalagmite. Possibly a dedication, rather than in re-use as a stone tool?

Seven pieces of *stalagmite/stalactite* are recorded:³⁰ two from Phase 2b contexts, one from Phase 3, three from Phase 4 and one from the topsoils. These are fragmentary, tapered and show the typical rippled surfaces of such material.³¹ There were no signs of wear on any. In terms of associated material, **716** and **717** (PLATE 69) from a Phase 2b silt fill in Room 7 (Context 1.2b.7.3) are part of an assemblage that contains a large number of stone tools, loomweights, pottery and bone debris – apparently a domestic working area before its abandonment. **1413** constitutes those pieces mentioned above in connection with the stone pommel and tools in Context 1.4.31.1 (PLATE 69). This is the Phase 4 floor deposit of Room 31 (anteroom to the LM IIIB cult room 32) and so has a clear connection with ritual activities.

Three *seals* made of stone were recovered in Building 1 and its vicinity. These are discussed separately in the following section.

²⁸ Iakovides 1977, 113–19; and *Perati* II, 277–81.

²⁹ Of ivory, Evely 1984, 241 and 1993, 242; of stone, from MM II–III Mallia, *Malia Mu II*, 151, and a rather superior version in agate from Zafer Papoura (LM II–IIIA1), Evans 1905, 56–57.

³⁰ In the excavation notebooks; not all were available to the writer for study.

³¹ Most measure L. 1.0–1.3 cm, D. max. 2.5 × 3.5 cm.

APPENDIX A. INSCRIPTIONS IN CRETAN HIEROGLYPHIC ON SEAL 484

(FIG. 5.13, PLATE 69)

by J. G. Younger

READING

- b.]*-*-*056-011-* \times
 c.]*092-056-034-*[\times
 d.]*062[]034-010[\times

*=sign but not identifiable; \times = can be read ortho- or retrograde; sign = doubtful reading

COMMENT

line b: 011-056 is a common heading in Hieroglyphic documents (e.g., #013, #015, #024), suggesting a retrograde reading here: *-011-056-*-*[*].

line c: cf. 092-057(*?)034(*?)016-056 \times (#294.d).

As for a possible phonetic reading of the individual signs:

010: the sign may be the morphological predecessor to AB RI.

The sign's shape may have influenced the form of AB 53 RI; the dot in the middle of the Linear A sign (Godart and Olivier 1985, xxxvi) may derive from the drilled kneecap on the Hieroglyphic sign on sealstones.

011: the sign may be the morphological predecessor to AB SI.

Morphologically, 011 could develop into AB 41 SI; cf. Hieroglyphic \times X 070-056-057-011 > *RO-KU-KI-SI*, and its Linear A parallel A-RA-KO-KU-*333- (KO (?) Zf 2) sign *333 resembles a bull face.

034: the sign may be the morphological predecessor to AB TA.

Morphologically, if rotated clockwise 90 degrees, the sign can be the predecessor to Linear A TA 59.

056: demonstrably *KU* (see Younger 2003).

062: there is a consensus that this is the predecessor to AB NA.

Chadwick 1973, 33, fig. 6, identifies the sign as the possible predecessor to AB 06 NA. Linear A 06 NA not only retains the top dot in most occurrences, but dots create the haft as well (see Godart and Olivier 1985, xxviii).

092: there is a consensus that this is the predecessor to AB RU.

Chadwick 1973, 33, fig. 6, and Olivier and Godart 1996, 19 table, both identify the sign as the possible predecessor to AB 27 RU.

I suggest therefore a possible phonetic reading (and retrograde reading of side c):

- b. *SI-KU-*-*[*] \times cf. Linear A SI-KA (common)
 c.]*RU-KU-TA-*[*] \times cf. Linear A RI-KA-TA (HT 146.4); cf. RI-QE-TI (PO Zg 1)
 d.]*NA[]TA-RI[\times cf. Linear A]MA-TA-RI-TA[(KH 90.2)

Finally, many Hieroglyphic sealstones present various formulaic expressions (like A-SA-SA-RA [042-019-019-095] or 044-049 or 044-005 or 057-034-056), a seal like this one from Palaikastro that presents non-conventional, non-formulaic sign-groups is unusual.

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AEGIS Publications of the Aegean Interdisciplinary Studies group (CEMA-INCA-UCL), Université Catholique de Louvain
AJA *American Journal of Archaeology*
ArchDelt *Αρχαιολογικόν Δελτίον*
AE *Αρχαιολογική Εφημερίς*
ASAtene *Annuario della Scuola Archeologica di Atene e delle Missioni italiane in Oriente*
BAR British Archaeological Reports
BCH *Bulletin de correspondance hellénique*
BICS *Bulletin of the Institute of Classical Studies*
BSA *Annual of the British School at Athens*
BSA Studies British School at Athens Studies Series
BSA Suppl. British School at Athens Supplementary Volume
CMS Corpus der minoischen und mykenischen Siegel (Berlin 1964–2000; Mainz 2002–)
Ét. Crét. Études Crétoises de l'École française d'Athènes
Hesperia *Hesperia*. Journal of the American School of Classical Studies at Athens
ILN *Illustrated London News*
INSTAP PM Institute for Aegean Prehistory, Prehistory Monographs
JAS *Journal of Archaeological Science*
JdI *Jahrbuch des deutschen archäologischen Instituts*
Kadmos *Kadmos. Zeitschrift für vor- und frühgriechische Epigraphik*
KChron *Κρητικά Χρονικά*
MonAnt *Monumenti antichi. Accademia nazionale dei Lincei*
OpAth *Opuscula Atheniensia. Skrifter Utgivna av Svenska Institutet i Athen*
PAE *Πρακτικά της εν Αθηναις Αρχαιολογικής Εταιρείας*. Athens
SIMA Studies in Mediterranean Archaeology
SMEA *Studi micenei ed egeo-anatolici*

SPECIAL ABBREVIATIONS

- ABAC* P. M. Warren and V. Hankey, *Aegean Bronze Age Chronology*, Bristol 1989.
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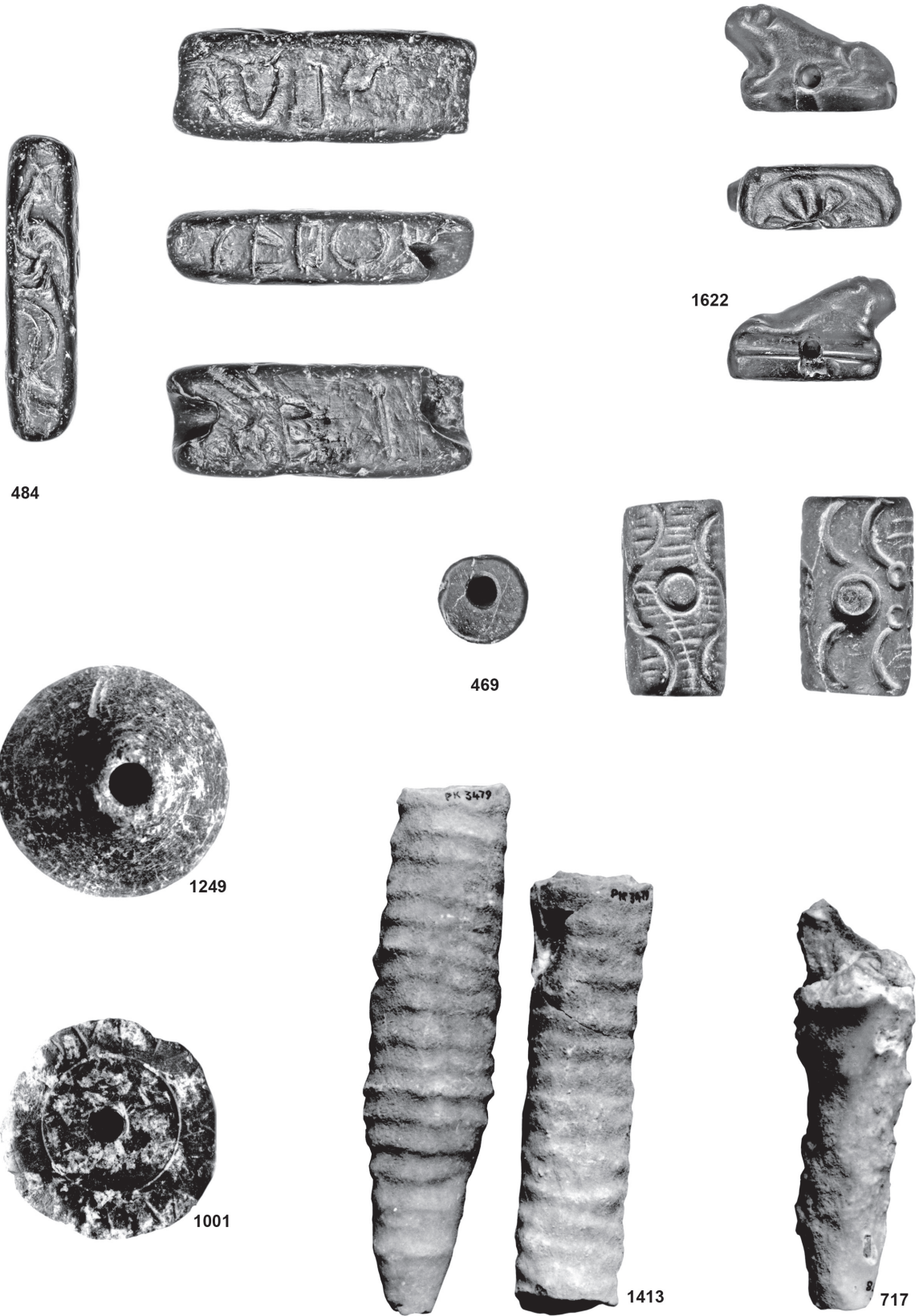
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Building 1. Seals at 2:1 (courtesy of the CMS Archive); stone 'buttons' (1001 at 1:1; 1249 at 7:4); stalagmites (717 and 1413 at 2:3).