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Cultural biographies of Cretan storage jars (pithoi)

From antiquity to postmodernity

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Tables

Table 1: Smyth's scheme of general archaeological expectations in relation to storage systems and methods of state surplus generation (after Smyth, 1989, Table 3.1)

TAXATION/TRIBUTE

Domestic

1. Substantial storage feature(s)
2. Redundancy in form of storage^a

Community

1. Large storage feature(s)
2. Bulking: low diversity in form of storage
3. Associated with local/public architecture

Central

1. Very large and/or many substantial storage features
 2. Warehousing: moderate diversity in form of storage
 3. Associated with major civic/governmental architecture
-

LABOR SERVICE

Domestic

1. No substantial investment in facilities: short-term storage
2. Redundancy in form of storage

Community

1. Large storage feature(s)
2. Bulking: low diversity in form of storage
3. Associated with local/public architecture

Central

1. Massive feature/building
 2. Warehousing: moderate diversity in form of storage
 3. Part of major central/state governmental architecture or located in some other strategic location
-

TRADE/EXCHANGE

Domestic

1. No substantial investment in facilities: short-term storage
2. Low redundancy in form of storage

Community

1. Substantial features
2. Bulking: diversity in form of storage
3. Associated with local market

Central

1. Larger than community
 2. High diversity in form of storage
 3. Associated with a central marketplace and/or governmental architecture
-

Note: a. Form of storage refers to the content, design, and shape of storage facilities.

Table 2: Stages of pithos forming process, showing the number of coils used for each stage and their height (adjusted and translated after Voyatzoglou 1972, 59-60).

Stage	Sections/Brims	Coils	Height of sections
1	Base (<i>patos</i>)	-	-
2	Lower body (<i>phytema</i>)	2	0.22-0.23m
3	First brim (<i>stomosa</i>)	3	0.12-0.13m
4	Rounded brim (<i>strongili stomosa</i>)	3	0.14-0.15m
5	Straight brim (<i>ntreti stomosa</i>)	3	0.15-0.19m
6	Large brim (<i>megali stomosa</i>)	3	0.14-0.15m
7	Collar (<i>cheiloma</i>)	2	0.18-0.24m
8	Handles	-	-

Table 3: Fabric Group 1.

Sample	Site	Aprox. Date
PR.MG4	Mandra Di Gipari (Prinias)	Archaic
PR.MG5	Mandra Di Gipari (Prinias)	Archaic
PR.MG7	Mandra Di Gipari (Prinias)	Archaic
PR.MG8	Mandra Di Gipari (Prinias)	Archaic
PR.CA4	Archaic Town (Prinias)	Archaic
AF3	Aphrati	Geometric-Archaic
AF15	Aphrati	Geometric-Archaic
AF30	Aphrati	Geometric-Archaic
KN3	Knossos (Unexplored Mansion)	Archaic-Classical
KN5	Knossos (Unexplored Mansion)	Orientalising
KN6	Knossos (Unexplored Mansion)	Orientalising
KN10	Knossos (Unexplored Mansion)	Orientalising
KN11	Knossos (Unexplored Mansion)	Orientalising
KN22	Knossos (Unexplored Mansion)	Orientalising
KN24	Knossos (Unexplored Mansion)	Orientalising
KN25	Knossos (Unexplored Mansion)	Orientalising
KN26	Knossos (Unexplored Mansion)	Orientalising
KN27	Knossos (Unexplored Mansion)	Orientalising
KN28	Knossos (Unexplored Mansion)	Subminoan
KN29	Knossos (Unexplored Mansion)	Subminoan
KN30	Knossos (Unexplored Mansion)	Subminoan
KN31	Knossos (Unexplored Mansion)	Subminoan
KN33	Knossos (Unexplored Mansion)	Subminoan

Table 4: Fabric Group 2 (loners are not included).

AF1	Aphrati	Geometric-Archaic
AF2	Aphrati	Geometric-Archaic
AF4	Aphrati	Geometric-Archaic
AF6	Aphrati	Geometric-Archaic
AF8	Aphrati	Geometric-Archaic
AF11	Aphrati	Geometric-Archaic
AF12	Aphrati	Geometric-Archaic
AF14	Aphrati	Geometric-Archaic
AF16	Aphrati	Geometric/Archaic
AF27	Aphrati	Geometric/Archaic
AF29	Aphrati	Geometric/Archaic

Table 5: Fabric Group 3.

Sample	Site	Aprox. Date
PR.NE1	Prinias (Necropolis)	Subminoan (?)-Geometric
PR.NE2	Prinias (Necropolis)	Subminoan (?)-Geometric
PR.NE3	Prinias (Necropolis)	Subminoan (?)-Geometric
PR.NE4	Prinias (Necropolis)	Geometric-Archaic
PR.NE5	Prinias (Necropolis)	Subminoan (?)-Geometric
PR.NE6	Prinias (Necropolis)	Subminoan(?)-Geometric
PR.NE7	Prinias (Necropolis)	Subminoan (?)-Geometric
PR.NE8	Prinias (Necropolis)	Geometric-Archaic
PR.NE9	Prinias (Necropolis)	Geometric-Archaic
PR.NE10	Prinias (Necropolis)	Geometric-Archaic
PR.CA1	Prinias(Archaic Town)	Archaic
PR.CA2	Prinias (Archaic Town)	Archaic
PR.CA3	Prinias (Archaic Town)	Archaic
PR.CA5	Prinias (Archaic Town)	Archaic
PR.CA5	Prinias (Archaic Town)	Archaic
PR.MG6	Prinias (Mandra di Gipari)	Archaic
PR.MG1	Prinias (Mandra di Gipari)	Archaic

Table 6: Fabric Group 4 (including related loner).

Sample	Site	Aprox. Date
AF39	Aphrati	Archaic
AF49	Aphrati	Archaic
AF51	Aphrati	Archaic
AK1	Aphrati	Archaic
AK2	Aphrati	Archaic
AK3	Aphrati	Archaic
AK4	Aphrati	Archaic
LT1	Lyktos	Archaic
LT2	Lyktos	Archaic
LT3	Lyktos	Archaic
LT4	Lyktos	Archaic
LT5	Lyktos	Archaic
LT6	Lyktos	Archaic
LT7	Lyktos	Archaic
LY1	Lyktos	Archaic
LY2	Lyktos	Archaic
LY3	Lyktos	Archaic
LY4	Lyktos	Archaic
LY5	Lyktos	Archaic
LY6	Lyktos	Archaic
LY8	Lyktos	Archaic
LY9	Lyktos	Archaic
KN4	Knossos (Unexplored Mansion)	Archaic-Classical
KN7	Knossos (Unexplored Mansion)	Orientalising
KN8	Knossos (Unexplored Mansion)	Orientalising
KN12	Knossos (Unexplored Mansion)	Orientalising
KN14	Knossos (Unexplored Mansion)	Orientalising
KN15	Knossos (Unexplored Mansion)	Orientalising
KN16	Knossos (Unexplored Mansion)	Orientalising
KN17	Knossos (Unexplored Mansion)	Orientalising
KN18	Knossos (Unexplored Mansion)	Orientalising

KN20	Knossos (Unexplored Mansion)	Orientalising
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Table 7: Samples which appear to be organically tempered.

Sample	Fabric Group	Aprox. Date
AF1	Fabric Group 2	Geometric-Archaic
AF3	Fabric Group 1	Geometric-Archaic
AF27	Fabric Group 2	Geometric-Archaic
PR.MG1	Fabric Group 3	Archaic
PR.MG4	Fabric Group 1	Archaic
PR.MG6	Fabric Group 3	Archaic
PR.MG8	Fabric Group 1	Archaic
PR.NE1	Fabric Group 3	Subminoan (?) - Geometric
PR.NE2	Fabric Group 3	Subminoan (?) - Geometric
PR.NE3	Fabric Group 3	Subminoan (?) - Geometric
PR.NE4	Fabric Group 3	Subminoan (?) - Geometric
PR.NE5	Fabric Group 3	Subminoan (?) - Geometric
PR.NE6	Fabric Group 3	Subminoan (?) - Geometric
PR.NE7	Fabric Group 3	Subminoan (?) - Geometric
PR.NE8	Fabric Group 3	Subminoan (?) - Geometric
KN3	Fabric Group 1	Archaic-Classical
KN6	Fabric Group 1	Orientalising
KN10	Fabric Group 1	Orientalising
KN22	Fabric Group 1	Orientalising
KN24	Fabric Group 1	Orientalising

Table 8: Comparison of numbers and types of inscriptions between Crete (above) and Attica (below) from 700 to 450 BC (after Whitley and Stoddart 1988, 763-764, tables 1-2).

date	type				
	dedications	inscribed gravestones	legal texts	graffiti	dipinti
700-650	0	0	0	1	0
650-600	16	1	2	1	0
600-550	0	0	4	0	0
550-500	0	1	12	3	0
500-450	5	3	5	0	0

date	type				
	dedications	inscribed gravestones	legal texts	graffiti	dipinti
700-650	4	0	0	73	4
650-600	5	2	0	81	4
600-550	14	7	0	200+	200+
550-500	115	46	2	200+	200+
500-480	211	?	4	200+	200+

Table 9: Whitley’s revisited tabulation of inscriptional evidence for Archaic Crete, as known in 2013 (after Whitley 2017, 91, table 4.3).

Date range (BCE)	Dedications		Epitaphs	Laws	Graffiti	<i>Dipinti</i>
	(a)	(b)				
700–650	0	0	0	0	53	0
650–600	2	13	1	3	4	0
600–550	0	0	0	8	0	0
550–500	3	0	2	16	11	0
500–450	2	0	3	12	13	0

Table 10: Number of Cretan pithoi and pithos fragments in private and museum collections abroad (art galleries excluded). Note that some of these pieces changed hands, usually from private collections to museums. Total: 62.

Private Collections	Europe	21
	USA	3
	Asia	3
Museum Collections	Europe and Israel	24
	USA	11

Table 11: Distribution of pithoi outside Greece (after 1960s). Total: 73.

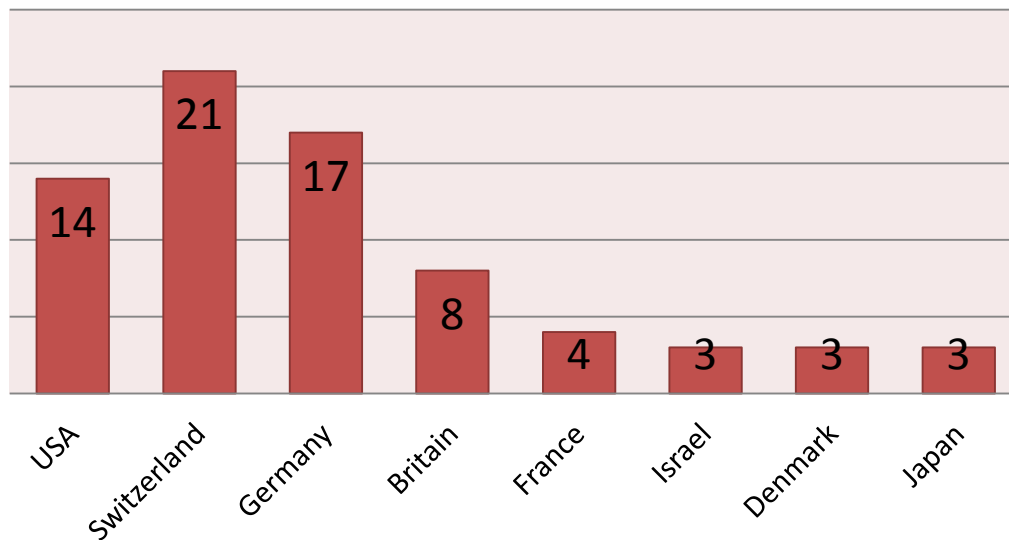


Table 12: Dispersal of pithoi in private collections, art galleries and university museums. Total: 73.

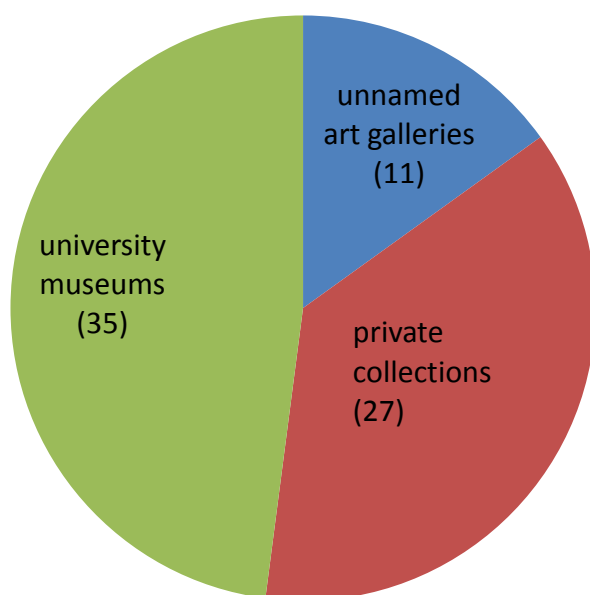


Table 13: Number of Archaic pithoi exhibited in Hamburg. Arranged by origin of purchase. Total: 45.

Switzerland	20
Germany	13
France	3
Japan	3
USA	3
UK	2
Israel	1

Table 14: Pithoi and fragments of pithoi as published in the catalogue of the exhibition DKK in Hamburg . Arranged by country of purchase (PC= private collection, UAS= Unknown Art Shop, NP= Not Provided).

N.	Country	City	Collection/museum/art shop	Acquisition n.	Entry n.
1.	Switzerland	Geneva	UAS	NP	C2
2.	Switzerland	Geneva	UAS	NP	C18
3.	Switzerland	Geneva	UAS	NP	C28
4.	Switzerland	Geneva	UAS	NP	C35
5.	Switzerland	Geneva	UAS	NP	C38
6.	Switzerland	Geneva	UAS	NP	C41
7.	Switzerland	Geneva	UAS	NP	C25d

8.	Switzerland	Basel	PC (unknown)	NP	C3
9.	Switzerland	Basel	UAS	NP	C5
10.	Switzerland	Basel	PC (unknown)	NP	C6
11.	Switzerland	Basel	Antikenmuseum Basel	BS 614	C9
12.	Switzerland	Basel	Antikenmuseum Basel	BS 612	C10
13.	Switzerland	Basel	PC (unknown)	NP	C14
14.	Switzerland	Basel	UAS	NP	C16
15.	Switzerland	Basel	UAS	NP	C18
16.	Switzerland	Basel	PC of Dr. K. Schefold	NP	C44
17.	Switzerland	Basel	UAS	NP	C37
18.	Switzerland	Basel	Antikenmuseum Basel	BS 613	C31
19.	Switzerland	Bern	Historisches Museum	45129	C24
20.	Switzerland	Bern	Archäologisches Institut der Universität	NP	C42
21.	Germany	Hamburg	PC of Dr. G. Marschall	NP	C13
22.	Germany	Hamburg	MKG	1970, 117	C4
23.	Germany	Hamburg	PC of Dr. G. Marschall	NP	C7
24.	Germany	Hamburg	PC of Dr. G. Marschall	NP	C20
25.	Germany	Hamburg	Archäologisches Seminar der Universität	NP	C22
26.	Germany	Hamburg	Archäologisches Seminar der Universität	NP	C23
27.	Germany (3 fragments)	Hamburg	Archäologisches Seminar der Universität	NP	C25a- c
28.	Germany	Hamburg	Archäologisches Institut der Universität	NP	C40
29.	Germany	Hamburg	MKG	1970, 115	C27
30.	Germany	Hamburg	MKG	1970, 116	C33
31.	Germany	Hamburg	MKG	1970, 118	C36
32.	Germany	Mainz	PC (unknown)	NP	C8
33.	Germany	Frankfurt	UAS	NP	C43
34.	France	Paris	UAS	NP	C19
35.	France	Paris	UAS	NP	C39
36.	France	Paris	UAS	NP	C12
37.	UK	Oxford	Ashmolean Museum	AE. 394	C34
38.	UK	Oxford	Ashmolean Museum	AE. 197	C1
39.	Israel	Jerusalem	Israel Museum	NP	C30
40.	Japan	Tokyo	PC of Kojiro Ishiguro	NP	C11
41.	Japan	Tokyo	PC of Kojiro Ishiguro	NP	C15
42.	Japan	Tokyo	PC of Kojiro Ishiguro	NP	C29
43.	USA	New York	PC (unknown)	NP	C26
44.	USA	Houston	PC of D. and J. De Ménil	NP	C21
45.	USA	Houston	PC of D. and J. De Ménil	NP	C17

Table 15: Modern distribution of Cretan Archaic pithoi (1900s to today).

Country	Number of pithoi (complete or fragments)
Israel	3
Denmark	3
Japan	3
France	4
USA	14
Germany	17
Switzerland	21
Britain	27
Greece	59