

APPENDIX I

SITES AND COLLECTIONS INVESTIGATED

The major collections upon which the typology was based are as follows. The letter codes are those used in the typology.

MM	Maidstone Museum.
MW	Woodruff Collection (Maidstone)
MA	Arnold Collection (Maidstone)
MK	Wickham Collection (Maidstone)
MC	Cooling Excavation, Alec Miles (Maidstone).
MH	Higham beacon finds, Dockrell and Foster (Maidstone).
MB	Blumstein's Hoo Island Collection (Maidstone).
AQ	Allen's Queens Farm Collection (Maidstone).
MP	Prentiss Bequest (Maidstone).
RM	Rochester Museum.
RV	Woodruff Collection (Rochester).
RT	Walters Collection (Rochester).
RP	Prentiss Bequest (Rochester).
FS	D.A. French, Slayhills.
GS	G.A.N. Davies, Slayhills.
JS	I. Jackson, Slayhills.
JD	I. Jackson, Darnet.
PC	P.R. Payne, Cliffe.
HC	R.F. Hutchings, Cliffe.
EF	Eastborough Farm collection.
DF	Decoy farm collection, M.A. Ocock.
GU	P. Gray, Upchurch.
BM	British Museum.

British Museum Collections

These include several antiquarian collections plus some more modern additions. The accession numbers start with the year of accession i.e. 1856 is "56" followed by the month and day plus a serial code. George Payne's collection is "83". Vessels numbered 254-290 came from a brickfield at Bayford. No's 382-424 were from Boxted Earth pit. Items 427-436 came from Otterham Creek. Vessels 425 and 426 were from lower Halstow whilst those from 438 to 473 were from Ham Saltings.

Charles Roach-Smiths collection was purchased in 1856 for £2,000. His pots start "56", some were from London, but most seem to have been from Upchurch (See Appendix II).

I. Noel Hume's Upchurch finds were "1957".

Rochester Museum Collections

Most Rochester pots are certainly of Upchurch origin. Those simply coded "RM" have lost their accession numbers. Otherwise there is a simple accession number for each pot.

RV - The Woodruff Collection (Monaghan 1983a). A nineteenth century collection by J. Woodruff and his three sons. The key Upchurch collection as it once contained 157 virtually complete vessels.

RT - The Walters collection. A Walters family were farmers in Upchurch parish, one of whom drowned in Halstow Creek (Woodruff, J, unpub., 63). Those pots with numbers up to 173 are known to have come from a brickfield at Rainham.

RP - Part of the Prentiss Bequest, most of which went to Maidstone Museum. Nineteenth century.

Maidstone Museum Collections

The Maidstone pots do not often carry accession numbers. Where they appear, the vessels marked "UC" presumably came from Upchurch.

MM - Unidentified collection or individual find.

MP - The other half of the Prentiss bequest.

MW - Vessels donated by C.H. Woodruff, son of J. Woodruff.

MK - Humphrey Wickhams' Collection from the late nineteenth century. The vessels are mainly from the Upchurch Marshes, but some originated in the graveyard at Temple Farm, Strood mentioned by Roach-Smith on p. 69 of volume I of "Collectanea Antiqua". John Woodruff records on August 30th 1851 that during floods, a Solicitor of Strood named Wickham lost 500 acres of land on "the Upchurch side of Burntwick" (unpub, 18).

MA - G.K. Arnolds collection. The core came from a gravel pit at Shorne circa 1848, possibly in the environs of Hoo Junction. This seems to have comprised a cemetery of mid-second century to early third century date plus fewer vessels from the mid- first century. Most of the vessels are heavily stained yellow-brown. Of the remaining vessels, some are known to have come from Upchurch and some were purchased. Arnold and Wickham seem to have exchanged pots, as some Arnold vessels are from the Strood Graveyard.

MH - Vessels from a small group of cremations near Higham beacon found by G. Dockrell and O.A.F. Foster during the mid- nineteen sixties. Salting material and further fragments of pottery were found nearby. The present writer inspected the site recently, but nothing was now visible. Associated samian vessels were largely of the early second century.

MB - The Hoo Island flagon dump reported by Blumstein (1954).

AQ - The material from A.P. Aliens two Queens' Farm investigations (1953, 1954, 1959). Allen was able to salvage only a small part of the evidence due to the unhelpful attitude of gravel extractors.

MC -The Cooling Collection comprises all the pottery excavated in the nineteen sixties and early seventies by the Lower Medway Archaeological Group at Broomhey Farm, Cooling. The site is being written up by Alec Miles and some 40 vessels have been reconstructed by Dr J.P. Hayes. Four phases are evident on the site, namely: a production phase circa AD 50-70, an occupation phase of the early second century, the main production phase of 170/190-210/230 and some post-production occupation. Site contexts were identified by a two letter code or a three figure one prefixed by 'A'. The total site assemblage was analysed for chapter 4. A summary of the raw data is given below.

Individual Collections

DF - Decoy Farm.

A small occupation site recorded by M.A. Ocock and the LMARG near High Halstow. The finds were reviewed in Monaghan 1983b and shown to consist of an early phase c. AD 70-120 and a later one c. AD 180-300. The finds are now in Rochester Museum.

GU - Gray, Upnor.

The remains of a twentieth century collection made by Surgeon Commander P. Gray RN on the Upchurch Marshes, now stored at Upnor Castle. Gray recovered pottery from Twinney Saltings, Slayhills, Burntwick and Otterham Creek.

FS - French, Slayhills.

A modern collection by Deborah French of material from an eroding ditch on the southern end of Slayhills, near Jacksons' site 01.001.

EF - Eastborough Farm.

A collection of 21 local vessels plus eight samian and one exotic form is held by the Bucknall family of Eastborough Farm, which lies just above Broomhey Farm at Cooling. Photographs dating to the 1930's show these vessels in association with a kiln (Swan 1984, frontispiece). They almost certainly come from graves and are a very mixed bag. Some vessels closely resemble Broomhey Farm finds of both phases of production. Others are extremely curious and are unparalleled anywhere else on the marshes. The samian is mostly early to mid-second century. The number of graves appears to have been around 7-9.

DS - Davies, Slayhills.

A modern collection of stray pottery from Slayhills marsh by Dr G.A.N. Davies. It consists of casual finds made whilst wildfowling over a number of years and includes much samian. Although the finds have no known relationship to each other, the average date of the collection is earlier than "JS" below.

JS - Jackson, Slayhills.

A modern collection of stray finds from Slayhills by Ian Jackson and the present writer. The site, known as 01.002 is derived from a secondary deposit on the northwest side of the marsh. It is second century in date. Vessels keyed "UB" in Monaghan 1982b came from the same site. Those marked "UA" came from site 01.001 just to the south (cf. FS above), A few "UC" sherds came from site 013 on the foreshore opposite 001, which is probably third century. Statistics from 01.002 are given below.

JD - Jackson, Darnet,

Of the many Upchurch Group stray collections, this was chosen to contrast with JS and the antiquarian finds. Together, these give a fairly comprehensive picture of the Upchurch output. The collection was made by Ian Jackson, Tom Beswick and the present writer on Darnet Island site 024. The pottery was derived from two distinct sites. One is a mid-first century salting site, of which a small baulk still remains. The second dates from the early second century and appears to be a secondary deposit. An analysis of vessel equivalents revealed a proportion of flagons and samian consistent with a washed-out cemetery. None of the flagons were wasters. Statistics are given below.

PC - Payne, Cliffe.

The late Percy Payne was a beachcomber who frequented the Cliffe foreshore, most noticeably the "Fish Trap" Site. In the last year of his life he accompanied this author to the various Cliffe sites and facilitated the recording of his finds: these should now be with the Kent Rescue Unit.

HC - Hutchings, Cliffe.

Bob Hutchings has conducted several small excavations and stray sherd collection exercises since the mid 1950's. These have concentrated on the Black Shore, but included the recovery of Grave Groups from within Cliffe Parish, notably at Thatchers' Lane, Wharf Farm and Higham Lane, these are marked where appropriate. Two collections from the Black Shore are analysed below.

STATISTICAL ANALYSIS

Sites investigated statistically using estimated vessel equivalents (eves).
 "Others" include mortaria, flagons, amphorae and grey wares of uncertain
 provenance.

Black Shore I.

Fabric	eves	%
S1/4b	48.12	47.8
S1/4	17.09	16.9
S1/4bs	8.77	8.7
H2/4	5.50	5.5
H1/4h	4.09	4.1
S5/4b	5.66	5.6
I1/lb	2.67	2.7
Samian	0.20	0.2
Mayen	0.15	0.15
Oxford CC	0.34	0.34
Colchester CC	0.10	0.10
Others	6.52	6.5
S3/4	present	0
Nene Valley CC	present	0
C. a l'eponge	present	0
Hadham	present	0
A. Holt	present	0
	<hr/>	
	100.70	100.00

Black Shore II.

Fabric	eves	%
S1/4b	56.72	42.4
S1/4	22.35	16.7
Samian	11.50	8.59
H2/4	10.96	8.0
H1/4h	7.00	5.2
N2/4b	3.60	2.7
S3/4	3.37	2.5
S5/4b	2.32	1.7
Nene Valley CC	2.32	1.7
N1/4b	1.72	1.3
N1/1b	1.31	1.0
N2/1b	0.94	0.7
S1/4bs	0.94	0.7
Rhenish CC	0.50	0.37
Colchester CC	0.46	0.34
G1/4	0.18	0.13
F2/1h	0.18	0.13
S3/6p	0.12	0.09
S6/6b	0.08	0.06
Oxford	0.07	0.05
Others	7.29	5.4
S1/6bs	present	0
Lyons Ware	present	0
	<hr/> 133.93	<hr/> 100.00

Cooling Broomhey Farm (all contexts)

Fabric	eves	%	Min. Vessels
S1/6b	186.07	49.3	
S1/6	114.02	26.44	
S3/6	34.13	7.91	
S1/6bs	19.72	4.90	
S6/6bs	13.40	3.10	
S5/6b or S5/4b	9.90	2.29	
Samian	5.32	1.23	60
H1/4h	5.21	1.20	
H2/6h	3.00	0.69	
N2/1bs	2.38	0.55	
N4/1s	2.26	0.52	
S2/6	2.24	0.51	
Colchester CC	1.53	0.35	
N1/1bs	1.05	0.24	
S4/6	0.93	0.21	
Oxford CC	0.75	0.17	
All mortaria	0.31	0.07	
All amphorae	0.28	0.06	
C1/6h	0.22	0.05	
F2/1h	0.10	0.02	
Others	1.33	0.30	46
	<hr/> 431.14	<hr/> 100.00	

Darnet I : salting site.

Fabric	eves	%
F2/1b	9.41	31.79
F1/1hb	8.88	30.00
S3/1	6.86	23.18
S3/1hb	1.36	4.59
G1/1	0.94	3.18
S2/1	0.83	2.80
H2/4	0.75	2.53
H1/4h	0.57	1.93
	<u>29.60</u>	<u>100.00</u>

Darnet II : assumed cemetary

Fabric	eves	%
N4/1s	17.60	23.58
S1/1b	16.66	22.32
Samian	10.99	14.72
N1/1b	7.17	9.60
S4/1	5.08	6.80
S1/1	3.99	5.34
N2/1b	2.80	3.75
S5/1b	2.46	3.29
N3/1	0.40	0.53
C1/1	0.10	0.13
Others	7.37	9.87
	<u>74.62</u>	<u>100.00</u>

Slayhills 001.02 (Jackson/Monaghan)

Fabric	eves	%
S3/1	9.51	26.67
S1/1b	9.20	25.80
N2/1bs	3.90	10.93
S5/1b	3.88	10.88
S1/1	2.47	6.92
S3/1h	1.88	5.27
N1/1bs	1.15	3.22
N3/1	0.83	2.32
F2/1b	0.80	2.24
S1/1sp	0.67	1.87
Samian	0.50	1.40
F1/1h	0.12	0.33
S4/1b	0.10	0.28
Others	0.41	1.14
	<u>35.66</u>	<u>100.00</u>

Slayhills II (Gray)

Fabric	eves	%
S1/1	2.61	32.22
S1/1b	2.41	29.75
S3/1	0.84	10.37
N2/1b	0.59	7.28
S3/1bh	0.36	4.41
N3/1	0.26	3.21
G1/1	0.25	3.09
S4/1b	0.19	2.34
S5/1b	0.17	2.10
F2/1	0.17	2.10
C1/1h	0.11	1.35
F1/1h	0.08	1.82
Others	0.06	0.74
N1/1	present	0
N4/1s	<u>present</u>	<u>0</u>
	8.10	100.00

Nb. A disproportionate amount of samian was included in this collection and so it is not included in the figures which are intended to give a rough impression of fabric frequencies on Slayhills.